PISA 2006

VOLUME 2: DATA / *DONNÉES*



Programme for International Student Assessment

OECD

Programme for **I**nternational **S**tudent **A**ssessment
Programme international pour le suivi des acquis des élèves

PISA™ 2006

Volume 2: Data / *Données*

ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT
ORGANISATION DE COOPÉRATION ET DE DÉVELOPPEMENT ÉCONOMIQUES

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ORGANISATION DE COOPÉRATION ET DE DÉVELOPPEMENT ÉCONOMIQUES

L'OCDE est un forum unique en son genre où les gouvernements de 30 démocraties œuvrent ensemble pour relever les défis économiques, sociaux et environnementaux que pose la mondialisation. L'OCDE est aussi à l'avant-garde des efforts entrepris pour comprendre les évolutions du monde actuel et les préoccupations qu'elles font naître. Elle aide les gouvernements à faire face à des situations nouvelles en examinant des thèmes tels que le gouvernement d'entreprise, l'économie de l'information et les défis posés par le vieillissement de la population. L'Organisation offre aux gouvernements un cadre leur permettant de comparer leurs expériences en matière de politiques, de chercher des réponses à des problèmes communs, d'identifier les bonnes pratiques et de travailler à la coordination des politiques nationales et internationales.

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Foreword

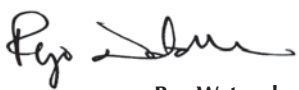
In today's global economy, the prosperity of countries now derives to a large extent from their human capital, and to succeed in a rapidly changing world, individuals need to advance their knowledge and skills throughout their lives. Education systems need to lay strong foundations for this, by fostering learning and strengthening the capacity and motivation of young adults to continue learning beyond school. Parents, students, those who teach and who run education systems, and the general public alike therefore need good information on how well their schools prepare students for life. Many countries monitor students' learning in order to provide answers to this question. Comparative international assessments can extend and enrich the national picture by providing a larger context within which to interpret national performance.

In response to this need for cross-nationally comparable evidence on student performance, the Organisation for Economic Co-operation and Development (OECD) launched the OECD Programme for International Student Assessment (PISA™) in 1997. PISA represents a commitment by governments to monitor the outcomes of education systems in terms of student achievement on a regular basis and within an internationally agreed common framework. PISA has now become the most comprehensive and rigorous international programme to assess student performance and to collect data on the student, family and institutional factors that can help to explain differences in performance. The countries participating in PISA together make up close to 90% of the world economy.

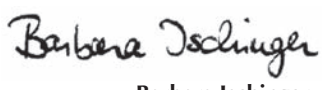
PISA 2006: Science Competencies for Tomorrow's World presents first results from the most recent PISA survey, which focused on science and also assessed mathematics and reading. It is divided into two volumes. This volume presents the data underlying the analysis that is reported in Volume 1. Volume 1 gives the most comprehensive international picture of science learning today, exploring not only how well students perform, but also their interests in science and their awareness of the opportunities that science competencies bring as well as the environment that schools offer for science learning. Volume 1 places the performance of students, schools and countries in the context of their socio-economic background and identifies important educational policies and practices that are associated with educational success.

Both volumes, as well as the PISA database and sample test questions from the PISA surveys, are available on line at *www.pisa.oecd.org*.

The report is the product of a collaborative effort between the countries participating in PISA, the experts and institutions working within the framework of the PISA Consortium, and the OECD. A full list of those people who contributed to this publication is available in Volume 1 of this report. The report is published on the responsibility of the Secretary-General of the OECD.



Ryo Watanabe
Chair of the PISA Governing Board



Barbara Ischinger
Director for Education, OECD



Avant-propos

Au sein de l'économie mondialisée d'aujourd'hui, la prospérité des nations dépend dans une large mesure de leur capital humain et, pour réussir dans un monde qui évolue rapidement, les individus doivent continuer à étoffer leurs connaissances et compétences tout au long de la vie. Pour ce faire, les systèmes éducatifs ont la responsabilité de poser les bases de cet apprentissage, notamment en équipant les individus de connaissances indispensables et en renforçant la capacité et la volonté des jeunes adultes de continuer à apprendre au-delà de leur formation initiale. Toutes les parties prenantes – les élèves, les parents, les enseignants et les gestionnaires du système éducatif, ainsi que le grand public – doivent être tenues informées de l'efficacité avec laquelle l'école prépare les élèves à la vie d'adulte. De nombreux pays suivent l'évolution de l'apprentissage des élèves afin de mieux appréhender ces enjeux. Les analyses comparatives internationales peuvent étoffer et enrichir les états des lieux réalisés à l'échelon national en offrant un contexte plus large dans lequel interpréter les résultats nationaux.

L'Organisation de coopération et de développement économiques (OCDE) a lancé le Programme international pour le suivi des acquis des élèves (PISA™) en 1997 pour répondre au besoin de données sur la performance des élèves qui soient comparables au niveau international. L'enquête PISA est une nouvelle expression de la volonté des gouvernements des pays de l'OCDE d'étudier, de façon suivie et à l'intérieur d'un cadre conceptuel approuvé par tous, les résultats des systèmes éducatifs en termes d'acquis des élèves. Il s'agit aujourd'hui du programme international le plus complet et le plus rigoureux dans le domaine de l'évaluation des compétences des élèves et la collecte de données sur des facteurs relatifs aux élèves, aux familles et aux établissements en vue d'expliquer les différences de performance d'un pays à l'autre. Les pays prenant part à l'enquête PISA représentent près de 90 % de l'économie mondiale.

PISA 2006 : Les compétences en sciences, un atout pour réussir présente les premiers résultats du cycle d'enquête PISA le plus récent, dont le domaine d'évaluation majeur était la culture scientifique mais qui s'est également penché sur les mathématiques et la compréhension de l'écrit. Ce rapport est divisé en deux volumes, le second mettant en avant les données qui sous-tendent les analyses figurant dans le premier. Le Volume 1 fournit la vue d'ensemble internationale sur l'apprentissage des sciences la plus complète à l'heure actuelle, explorant non seulement les performances des élèves mais aussi leur intérêt envers les sciences, leur conscience des débouchés pour l'avenir que peuvent apporter de solides compétences en sciences, ainsi que le cadre proposé par les établissements pour l'enseignement des sciences. Il replace les performances des élèves, des établissements et des pays dans leur contexte socioéconomique et identifie les politiques et pratiques d'éducation importantes qui sont gage de succès éducatif.

Les deux volumes, ainsi que la base de données PISA et des exemples de questionnaires PISA, sont disponibles en ligne à l'adresse *www.pisa.oecd.org*.

Cet ouvrage est le fruit des efforts concertés des pays participant à l'enquête PISA, des experts et des institutions qui œuvrent au sein du consortium PISA et de l'OCDE. La liste complète des personnes ayant contribué à cette publication est disponible dans le Volume 1 du présent rapport. Le présent rapport est publié sous la responsabilité du Secrétaire général de l'OCDE.

Ryo Watanabe
Président du Conseil des pays participants du PISA

Barbara Ischinger
Directeur, Direction de l'éducation de l'OCDE

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Reader's Guide

Data underlying the figures

This volume presents the data referred to in Chapters 2 to 6 of Volume 1. The data are also available, with additional detail, on the PISA website (*www.pisa.oecd.org*). Five symbols are used to denote missing data:

a The category does not apply in the country concerned. Data are therefore missing.

c There are too few observations to provide reliable estimates (*i.e.* there are fewer than 30 students or less than 3 % of students for this cell or too few schools for valid inferences).

m Data are not available. These data were collected but subsequently removed from the publication for technical reasons.

w Data have been withdrawn at the request of the country concerned.

x Data are included in another category or column of the table.

Calculation of international averages

An OECD average was calculated for most indicators presented in this report. In the case of some indicators, a total representing the OECD area as a whole was also calculated:

- The OECD average takes the OECD countries as a single entity, to which each country contributes with equal weight. For statistics such as percentages or mean scores, the OECD average corresponds to the arithmetic mean of the respective country statistics.
- The OECD total takes the OECD countries as a single entity, to which each country contributes in proportion to the number of 15-year-olds enrolled in its schools (see Annex A3 for data). It illustrates how a country compares with the OECD area as a whole.

In this publication, the OECD total is generally used when references are made to the overall situation in the OECD area. Where the focus is on comparing performance across education systems, the OECD average is used. In the case of some countries, data may not be available for specific indicators, or specific categories may not apply. Readers should, therefore, keep in mind that the terms OECD average and OECD total refer to the OECD countries included in the respective comparisons.

Rounding of figures

Because of rounding, some figures in tables may not exactly add up to the totals. Totals, differences and averages are always calculated on the basis of exact numbers and are rounded only after calculation.

All standard errors in this publication have been rounded to two decimal places. Where the value 0.00 is shown, this does not imply that the standard error is zero, but that it is smaller than 0.005.



Reporting of student data

The report uses "15-year-olds" as shorthand for the PISA target population. PISA covers students who are aged between 15 years 3 months and 16 years 2 months at the time of the assessment and who have completed at least 6 years of formal schooling, regardless of the type of institution in which they are enrolled and of whether they are in full-time or part-time education, of whether they attend academic or vocational programmes, and of whether they attend public or private schools or foreign schools within the country.

Reporting of school data

The principals of the schools in which students were assessed provided information on their schools' characteristics by completing a school questionnaire. Where responses from school principals are presented in this publication, they are weighted so that they are proportionate to the number of 15-year-olds enrolled in the school.

Abbreviations used in this report

The following abbreviations are used in this report:

GDP	Gross Domestic Product
ISCED	International Standard Classification of Education
PPP	Purchasing power parity
S.D.	Standard deviation
S.E.	Standard error

Further documentation

For further information on the PISA assessment instruments and the methods used in PISA, see the *PISA 2006 Technical Report* (OECD, forthcoming) and the PISA website (*www.pisa.oecd.org*).

This report uses the OECD's StatLinks service. Below each table and chart is a url leading to a corresponding Excel workbook containing the underlying data. These urls are stable and will remain unchanged over time. In addition, readers of the *PISA 2006: Science Competencies for Tomorrow's World* e-book will be able to click directly on these links and the workbook will open in a separate window.

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Guide du lecteur

Données des figures

Ce volume présente les données auxquelles il est fait référence dans les Chapitres 2 à 6 du Volume 1. Des détails supplémentaires sont disponibles sur le site Web de l'enquête PISA (*www.pisa.oecd.org*). Les cinq symboles suivants indiquent que des données sont manquantes :

a la catégorie ne s'applique pas au pays concerné, les données sont donc manquantes ;

c les observations sont trop peu nombreuses pour calculer des estimations fiables (par exemple, les données portent sur moins de 30 élèves ou 3 % des élèves ou les établissements ne sont pas suffisamment nombreux pour faire des déductions valides) ;

m les données ne sont pas disponibles. Elles ont été collectées mais ont ensuite été exclues de la publication par des raisons techniques ;

w les données ont été exclues à la demande du pays concerné ;

x les données sont incluses dans une autre catégorie ou dans une autre colonne du tableau.

Calcul des moyennes internationales

La moyenne de l'OCDE est calculée pour la plupart des indicateurs présentés dans ce rapport. La valeur totale, calculée à l'échelle de l'OCDE tous pays confondus, est également ajoutée dans certains indicateurs :

- la moyenne de l'OCDE est calculée selon l'hypothèse que les pays membres de l'OCDE constituent une seule entité à laquelle chaque pays contribue dans la même mesure. Dans les statistiques telles que les proportions et les valeurs moyennes, la moyenne de l'OCDE est la moyenne arithmétique des valeurs de tous les pays de l'OCDE ;
- le total de l'OCDE est calculé selon l'hypothèse que les pays de l'OCDE constituent une seule entité à laquelle chaque pays contribue dans une mesure proportionnelle au nombre d'élèves de 15 ans inscrits dans ses établissements d'enseignement (voir l'annexe A3 pour des données chiffrées). Le total de l'OCDE permet de comparer les pays par rapport à la situation générale dans tous les pays de l'OCDE.

Dans ce rapport, le total de l'OCDE est la valeur utilisée lorsqu'il est fait référence à la situation dans l'ensemble des pays de l'OCDE, alors que la moyenne de l'OCDE est la variable employée lorsqu'il s'agit de comparer les performances des systèmes d'éducation entre eux. Par ailleurs, il arrive que les données de certains pays ne soient pas disponibles pour des indicateurs spécifiques ou que des catégories particulières de données ne soient pas applicables. Le lecteur doit garder présent à l'esprit le fait que les termes « moyenne de l'OCDE » et « total de l'OCDE » font référence aux pays inclus dans les comparaisons.



Arrondis

Dans certains tableaux, il arrive que la somme des chiffres ne corresponde pas exactement au total mentionné en raison des ajustements d'arrondi. Les totaux, les différences et les moyennes sont systématiquement calculés à partir des chiffres exacts. Ils ne sont arrondis qu'une fois calculés.

Toutes les erreurs types présentées dans ce rapport sont arrondies à la deuxième décimale. Si « 0.00 » est indiqué, cela ne signifie pas que l'erreur type est nulle, mais qu'elle est inférieure à 0.005.

Présentation des données relatives aux élèves

Le rapport désigne la population cible de l'enquête PISA par l'expression générique « les jeunes de 15 ans ». En pratique, il fait référence aux élèves qui avaient entre 15 ans et 3 mois accomplis et 16 ans et 2 mois accomplis au moment de l'évaluation et qui avaient suivi au moins 6 années d'enseignement formel, quels que soient le mode de scolarisation (à temps plein ou à temps partiel), la filière d'enseignement (générale ou professionnelle), ou le type d'établissement (établissement privé, public, ou étranger situé au sein du pays).

Présentation des données relatives aux établissements

Les chefs d'établissement des élèves soumis à l'évaluation ont été priés de remplir un questionnaire portant sur les caractéristiques de leur établissement. Les réponses des chefs d'établissement présentées dans ce rapport sont pondérées en fonction des effectifs d'élèves de 15 ans inscrits dans leur établissement.

Abréviations

Les abréviations suivantes sont employées dans ce rapport :

GDP Produit intérieur brut (PIB)
ISCED Classification internationale type de l'éducation (CITE)
PPP Parités de pouvoir d'achat (PPA)
S.D. Écart type (Éc. T.)
S.E. Erreur type (Er. T.)

Autres références

Pour plus d'informations sur les instruments d'évaluation et la méthodologie de l'enquête PISA, il y a lieu de consulter le rapport technique sur le cycle PISA 2006 (*PISA 2006 Technical Report*, OCDE, à paraître) et le site Web de l'enquête PISA (*www.pisa.oecd.org*).

Ce rapport applique le système « StatLinks »de l'OCDE : tous les tableaux et figures sont accompagnés d'un lien hypertexte (URL) qui donne accès à un classeur au format Excel contenant les données de référence. Ces liens sont stables et ne seront pas modifiés à l'avenir. De plus, il suffit aux lecteurs de la version électronique de *PISA 2006 : Les compétences en sciences, un atout pour réussir* de cliquer sur ces liens pour ouvrir les classeurs correspondants dans une autre fenêtre.

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1. Data / *Données*



[Part 1/1]

Table 2.1a Percentage of students at each proficiency level on the science scale

Tableau 2.1a Pourcentage d'élèves à chaque niveau de compétence sur l'échelle de culture scientifique

		Proficiency levels													
		Below Level 1 (below 334.94 score points)		Level 1 (from 334.94 to 409.54 score points)		Level 2 (from 409.54 to 484.14 score points)		Level 3 (from 484.14 to 558.73 score points)		Level 4 (from 558.73 to 633.33 score points)		Level 5 (from 633.33 to 707.93 score points)		Level 6 (above 707.93 score points)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	3.0	(0.3)	9.8	(0.5)	20.2	(0.6)	27.7	(0.5)	24.6	(0.5)	11.8	(0.5)	2.8	(0.3)
	Austria	4.3	(0.9)	12.0	(1.0)	21.8	(1.0)	28.3	(1.0)	23.6	(1.1)	8.8	(0.7)	1.2	(0.2)
	Belgium	4.8	(0.7)	12.2	(0.6)	20.8	(0.8)	27.6	(0.8)	24.5	(0.8)	9.1	(0.5)	1.0	(0.2)
	Canada	2.2	(0.3)	7.8	(0.5)	19.1	(0.6)	28.8	(0.6)	27.7	(0.6)	12.0	(0.5)	2.4	(0.2)
	Czech Republic	3.5	(0.6)	12.1	(0.8)	23.4	(1.2)	27.8	(1.1)	21.7	(0.9)	9.8	(0.9)	1.8	(0.3)
	Denmark	4.3	(0.6)	14.1	(0.8)	26.0	(1.1)	29.3	(1.0)	19.5	(0.9)	6.1	(0.7)	0.7	(0.2)
	Finland	0.5	(0.1)	3.6	(0.4)	13.6	(0.7)	29.1	(1.1)	32.2	(0.9)	17.0	(0.7)	3.9	(0.3)
	France	6.6	(0.7)	14.5	(1.0)	22.8	(1.1)	27.2	(1.1)	20.9	(1.0)	7.2	(0.6)	0.8	(0.2)
	Germany	4.1	(0.7)	11.3	(1.0)	21.4	(1.1)	27.9	(1.1)	23.6	(0.9)	10.0	(0.6)	1.8	(0.2)
	Greece	7.2	(0.9)	16.9	(0.9)	28.9	(1.2)	29.4	(1.0)	14.2	(0.8)	3.2	(0.3)	0.2	(0.1)
	Hungary	2.7	(0.3)	12.3	(0.8)	26.0	(1.2)	31.1	(1.1)	21.0	(0.9)	6.2	(0.6)	0.6	(0.2)
	Iceland	5.8	(0.5)	14.7	(0.8)	25.9	(0.7)	28.3	(0.9)	19.0	(0.7)	5.6	(0.5)	0.7	(0.2)
	Ireland	3.5	(0.5)	12.0	(0.8)	24.0	(0.9)	29.7	(1.0)	21.4	(0.9)	8.3	(0.6)	1.1	(0.2)
	Italy	7.3	(0.5)	18.0	(0.6)	27.6	(0.8)	27.4	(0.6)	15.1	(0.6)	4.2	(0.3)	0.4	(0.1)
	Japan	3.2	(0.4)	8.9	(0.7)	18.5	(0.9)	27.5	(0.9)	27.0	(1.1)	12.4	(0.6)	2.6	(0.3)
	Korea	2.5	(0.5)	8.7	(0.8)	21.2	(1.0)	31.8	(1.2)	25.5	(0.9)	9.2	(0.8)	1.1	(0.3)
	Luxembourg	6.5	(0.4)	15.6	(0.7)	25.4	(0.7)	28.6	(0.9)	18.1	(0.7)	5.4	(0.3)	0.5	(0.1)
	Mexico	18.2	(1.2)	32.8	(0.9)	30.8	(1.0)	14.8	(0.7)	3.2	(0.3)	0.3	(0.1)	0.0	a
	Netherlands	2.3	(0.4)	10.7	(0.9)	21.1	(1.0)	26.9	(0.9)	25.8	(1.0)	11.5	(0.8)	1.7	(0.2)
	New Zealand	4.0	(0.4)	9.7	(0.6)	19.7	(0.8)	25.1	(0.7)	23.9	(0.8)	13.6	(0.7)	4.0	(0.4)
	Norway	5.9	(0.8)	15.2	(0.8)	27.3	(0.8)	28.5	(1.0)	17.1	(0.7)	5.5	(0.4)	0.6	(0.1)
	Poland	3.2	(0.4)	13.8	(0.6)	27.5	(0.9)	29.4	(1.0)	19.3	(0.8)	6.1	(0.4)	0.7	(0.1)
	Portugal	5.8	(0.8)	18.7	(1.0)	28.8	(0.9)	28.8	(1.2)	14.7	(0.9)	3.0	(0.4)	0.1	(0.1)
	Slovak Republic	5.2	(0.6)	15.0	(0.9)	28.0	(1.0)	28.1	(1.0)	17.9	(1.0)	5.2	(0.5)	0.6	(0.1)
	Spain	4.7	(0.4)	14.9	(0.7)	27.4	(0.8)	30.2	(0.7)	17.9	(0.8)	4.5	(0.4)	0.3	(0.1)
	Sweden	3.8	(0.4)	12.6	(0.6)	25.2	(0.9)	29.5	(0.9)	21.1	(0.9)	6.8	(0.5)	1.1	(0.2)
	Switzerland	4.5	(0.5)	11.6	(0.6)	21.8	(0.9)	28.2	(0.8)	23.5	(1.1)	9.1	(0.8)	1.4	(0.3)
	Turkey	12.9	(0.8)	33.7	(1.3)	31.3	(1.4)	15.1	(1.1)	6.2	(1.2)	0.9	(0.3)	0.0	a
	United Kingdom	4.8	(0.5)	11.9	(0.6)	21.8	(0.7)	25.9	(0.7)	21.8	(0.6)	10.9	(0.5)	2.9	(0.3)
	United States	7.6	(0.9)	16.8	(0.9)	24.2	(0.9)	24.0	(0.8)	18.3	(1.0)	7.5	(0.6)	1.5	(0.2)
	OECD total	6.9	(0.3)	16.3	(0.3)	24.2	(0.4)	25.1	(0.3)	18.7	(0.3)	7.4	(0.2)	1.4	(0.1)
	OECD average	5.2	(0.1)	14.1	(0.1)	24.0	(0.2)	27.4	(0.2)	20.3	(0.2)	7.7	(0.1)	1.3	(0.0)
Partners	Argentina	28.3	(2.3)	27.9	(1.4)	25.6	(1.3)	13.6	(1.3)	4.1	(0.6)	0.4	(0.1)	0.0	a
	Azerbaijan	19.4	(1.5)	53.1	(1.6)	22.4	(1.4)	4.7	(0.9)	0.4	(0.2)	0.0	a	a	a
	Brazil	27.9	(1.0)	33.1	(1.0)	23.8	(0.9)	11.3	(0.9)	3.4	(0.4)	0.5	(0.2)	0.0	(0.0)
	Bulgaria	18.3	(1.7)	24.3	(1.3)	25.2	(1.2)	18.8	(1.1)	10.3	(1.1)	2.6	(0.5)	0.4	(0.2)
	Chile	13.1	(1.1)	26.7	(1.5)	29.9	(1.2)	20.1	(1.4)	8.4	(1.0)	1.8	(0.3)	0.1	(0.1)
	Colombia	26.2	(1.7)	34.0	(1.6)	27.2	(1.5)	10.6	(1.0)	1.9	(0.3)	0.2	(0.1)	0.0	a
	Croatia	3.0	(0.4)	14.0	(0.7)	29.3	(0.9)	31.0	(1.0)	17.7	(0.9)	4.6	(0.4)	0.5	(0.1)
	Estonia	1.0	(0.2)	6.7	(0.6)	21.0	(0.9)	33.7	(1.0)	26.2	(0.9)	10.1	(0.7)	1.4	(0.3)
	Hong Kong-China	1.7	(0.4)	7.0	(0.7)	16.9	(0.8)	28.7	(0.9)	29.7	(1.0)	13.9	(0.8)	2.1	(0.3)
	Indonesia	20.3	(1.7)	41.3	(2.2)	27.5	(1.5)	9.5	(2.0)	1.4	(0.5)	0.0	a	a	a
	Israel	14.9	(1.2)	21.2	(1.0)	24.0	(0.9)	20.8	(1.0)	13.8	(0.8)	4.4	(0.5)	0.8	(0.2)
	Jordan	16.2	(0.9)	28.2	(0.9)	30.8	(0.8)	18.7	(0.8)	5.6	(0.7)	0.6	(0.2)	0.0	a
	Kyrgyzstan	58.2	(1.6)	28.2	(1.1)	10.0	(0.8)	2.9	(0.4)	0.7	(0.2)	0.0	a	a	a
	Latvia	3.6	(0.5)	13.8	(1.0)	29.0	(1.2)	32.9	(0.9)	16.6	(1.0)	3.8	(0.4)	0.3	(0.1)
	Liechtenstein	2.6	(1.0)	10.3	(2.1)	21.0	(2.8)	28.7	(2.6)	25.2	(2.5)	10.0	(1.8)	2.2	(0.8)
	Lithuania	4.3	(0.4)	16.0	(0.8)	27.4	(0.9)	29.8	(0.9)	17.5	(0.8)	4.5	(0.6)	0.4	(0.2)
	Macao-China	1.4	(0.2)	8.9	(0.5)	26.0	(1.0)	35.7	(1.1)	22.8	(0.7)	5.0	(0.3)	0.3	(0.1)
	Montenegro	17.3	(0.8)	33.0	(1.2)	31.0	(0.9)	14.9	(0.7)	3.6	(0.4)	0.3	(0.1)	0.0	a
	Qatar	47.6	(0.6)	31.5	(0.6)	13.9	(0.5)	5.0	(0.4)	1.6	(0.1)	0.3	(0.1)	0.0	(0.0)
	Romania	16.0	(1.5)	30.9	(1.6)	31.8	(1.6)	16.6	(1.2)	4.2	(0.8)	0.5	(0.1)	0.0	a
	Russian Federation	5.2	(0.7)	17.0	(1.1)	30.2	(0.9)	28.3	(1.3)	15.1	(1.1)	3.7	(0.5)	0.5	(0.1)
	Serbia	11.9	(0.9)	26.6	(1.2)	32.3	(1.3)	21.8	(1.2)	6.6	(0.6)	0.8	(0.2)	0.0	a
	Slovenia	2.8	(0.3)	11.1	(0.7)	23.1	(0.7)	27.6	(1.1)	22.5	(1.1)	10.7	(0.6)	2.2	(0.3)
	Chinese Taipei	1.9	(0.3)	9.7	(0.8)	18.6	(0.9)	27.3	(0.8)	27.9	(1.0)	12.9	(0.8)	1.7	(0.2)
	Thailand	12.6	(0.8)	33.5	(1.0)	33.2	(0.9)	16.3	(0.8)	4.0	(0.4)	0.4	(0.1)	0.0	a
	Tunisia	27.7	(1.1)	35.1	(0.9)	25.0	(1.0)	10.2	(1.0)	1.9	(0.4)	0.1	(0.1)	0.0	a
	Uruguay	16.7	(1.2)	25.4	(1.1)	29.8	(1.5)	19.7	(1.1)	6.9	(0.5)	1.3	(0.2)	0.1	(0.1)

StatLink http://dx.doi.org/10.1787/142056138443

Pour consulter la version française intégrale de ce tableau, suivre ce lien :
StatLink http://dx.doi.org/10.1787/152610887346

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[Part 1/2]

Table 2.1b Percentage of students at each proficiency level on the science scale, by gender

Tableau 2.1b Pourcentage d'élèves à chaque niveau de compétence sur l'échelle de culture scientifique, selon le sexe

		Males – Proficiency levels													
		Below Level 1 (below 334.94 score points)		Level 1 (from 334.94 to 409.54 score points)		Level 2 (from 409.54 to 484.14 score points)		Level 3 (from 484.14 to 558.73 score points)		Level 4 (from 558.73 to 633.33 score points)		Level 5 (from 633.33 to 707.93 score points)		Level 6 (above 707.93 score points)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	3.6	(0.4)	10.3	(0.6)	19.7	(0.9)	26.6	(0.9)	24.2	(0.7)	12.3	(0.7)	3.3	(0.4)
	Austria	3.6	(0.8)	11.6	(1.3)	22.7	(1.6)	27.5	(1.3)	23.3	(1.4)	9.7	(1.0)	1.6	(0.3)
	Belgium	5.0	(1.0)	12.9	(1.0)	20.8	(1.0)	25.6	(0.9)	24.5	(0.9)	9.9	(0.7)	1.3	(0.2)
	Canada	2.4	(0.4)	8.1	(0.7)	18.1	(0.7)	27.5	(0.7)	28.1	(0.9)	12.9	(0.6)	2.8	(0.3)
	Czech Republic	2.6	(0.5)	11.7	(1.0)	24.5	(1.6)	28.0	(1.4)	21.4	(1.4)	9.9	(1.0)	2.0	(0.4)
	Denmark	4.2	(0.7)	13.6	(1.0)	24.8	(1.2)	28.6	(1.2)	21.0	(1.2)	7.0	(0.9)	0.8	(0.3)
	Finland	0.6	(0.2)	4.3	(0.6)	14.6	(0.8)	28.0	(1.3)	30.8	(1.1)	17.0	(1.0)	4.6	(0.5)
	France	7.5	(1.0)	14.5	(1.2)	22.2	(1.4)	25.3	(1.5)	20.9	(1.3)	8.5	(0.8)	1.1	(0.3)
	Germany	4.4	(0.8)	10.5	(1.1)	21.6	(1.2)	25.9	(1.2)	23.8	(1.4)	11.5	(1.0)	2.2	(0.4)
	Greece	9.3	(1.3)	18.9	(1.3)	27.2	(1.2)	26.4	(1.4)	14.2	(1.1)	3.7	(0.5)	0.3	(0.1)
	Hungary	2.8	(0.5)	12.8	(1.1)	25.2	(1.5)	28.7	(1.3)	22.0	(1.1)	7.6	(0.9)	0.8	(0.2)
	Iceland	6.9	(0.7)	15.5	(1.0)	25.8	(1.4)	26.0	(1.6)	19.2	(1.1)	5.8	(0.7)	0.8	(0.2)
	Ireland	4.1	(0.7)	12.5	(1.3)	23.2	(1.2)	28.8	(1.2)	21.1	(1.1)	8.9	(0.9)	1.4	(0.3)
	Italy	8.0	(0.7)	17.5	(0.9)	25.9	(1.0)	27.4	(0.9)	15.8	(0.7)	4.9	(0.4)	0.6	(0.1)
	Japan	3.6	(0.6)	9.2	(1.0)	18.1	(1.1)	25.8	(1.1)	26.5	(1.5)	13.7	(0.9)	3.3	(0.5)
	Korea	3.2	(0.7)	9.2	(1.0)	20.8	(1.6)	30.2	(1.4)	25.5	(1.3)	9.9	(1.1)	1.3	(0.4)
	Luxembourg	7.0	(0.6)	15.1	(1.0)	23.8	(1.2)	27.2	(1.3)	19.6	(1.1)	6.6	(0.6)	0.8	(0.2)
	Mexico	17.4	(1.5)	32.1	(1.3)	30.5	(1.4)	15.8	(0.9)	3.8	(0.4)	0.3	(0.1)	0.0	a
	Netherlands	2.4	(0.5)	9.9	(1.0)	20.7	(1.4)	27.3	(1.2)	24.9	(1.3)	13.0	(1.1)	2.0	(0.4)
	New Zealand	5.0	(0.7)	10.3	(0.8)	19.4	(1.2)	24.1	(1.2)	22.8	(1.1)	14.0	(1.0)	4.4	(0.7)
	Norway	7.3	(1.2)	15.1	(0.9)	26.5	(1.1)	27.7	(1.1)	16.7	(1.2)	6.0	(0.7)	0.7	(0.2)
	Poland	3.7	(0.5)	13.6	(0.8)	26.9	(1.5)	28.6	(1.4)	19.1	(1.1)	7.2	(0.7)	0.9	(0.2)
	Portugal	5.9	(0.9)	18.3	(1.5)	28.3	(1.2)	27.9	(1.5)	15.5	(1.0)	3.9	(0.6)	0.1	(0.1)
	Slovak Republic	5.5	(0.9)	14.6	(1.1)	27.0	(1.5)	27.4	(1.4)	18.8	(1.4)	6.0	(0.8)	0.8	(0.3)
	Spain	5.2	(0.5)	14.4	(0.9)	26.4	(1.0)	29.7	(1.0)	18.7	(1.0)	5.1	(0.5)	0.5	(0.2)
	Sweden	4.1	(0.6)	13.1	(0.9)	24.0	(1.1)	28.6	(1.4)	21.5	(1.1)	7.3	(0.7)	1.2	(0.3)
	Switzerland	4.6	(0.6)	10.9	(0.6)	20.8	(1.1)	28.5	(1.1)	24.0	(1.2)	9.7	(0.9)	1.4	(0.3)
	Turkey	15.2	(1.2)	35.0	(1.6)	29.0	(1.6)	13.8	(1.2)	6.2	(1.3)	0.9	(0.4)	0.0	a
	United Kingdom	5.3	(0.7)	11.4	(0.9)	20.5	(0.8)	24.1	(0.9)	22.5	(0.8)	12.3	(0.8)	3.7	(0.5)
	United States	8.3	(1.2)	17.4	(1.3)	22.3	(1.2)	23.4	(1.1)	18.6	(1.3)	8.4	(0.8)	1.6	(0.3)
	OECD total	7.4	(0.4)	16.5	(0.4)	23.2	(0.5)	24.2	(0.4)	18.9	(0.5)	8.2	(0.3)	1.6	(0.1)
	OECD average	5.6	(0.1)	14.1	(0.2)	23.4	(0.2)	26.4	(0.2)	20.5	(0.2)	8.5	(0.1)	1.5	(0.1)
Partners	Argentina	30.7	(2.7)	28.1	(1.7)	25.1	(1.6)	12.2	(1.3)	3.4	(0.6)	0.4	(0.2)	0.0	a
	Azerbaijan	22.4	(1.8)	52.2	(1.8)	20.2	(1.6)	4.7	(1.0)	0.4	(0.2)	0.0	a	a	a
	Brazil	26.8	(1.2)	31.6	(1.2)	24.9	(1.2)	11.9	(1.2)	4.0	(0.5)	0.7	(0.3)	0.1	(0.1)
	Bulgaria	21.2	(2.1)	25.5	(1.6)	23.4	(1.6)	17.3	(1.3)	9.2	(1.2)	2.8	(0.6)	0.5	(0.2)
	Chile	10.8	(1.2)	25.0	(1.9)	29.7	(1.5)	22.2	(1.5)	9.9	(1.3)	2.3	(0.5)	0.1	(0.1)
	Colombia	25.2	(1.9)	32.2	(1.8)	27.6	(2.0)	12.3	(1.5)	2.5	(0.5)	0.2	(0.1)	0.0	a
	Croatia	3.4	(0.7)	14.8	(1.0)	28.8	(1.2)	29.7	(1.2)	17.9	(1.0)	4.7	(0.5)	0.7	(0.2)
	Estonia	1.2	(0.4)	7.4	(0.8)	21.0	(1.1)	33.2	(1.2)	25.4	(1.4)	10.2	(0.9)	1.6	(0.3)
	Hong Kong-China	1.9	(0.5)	7.3	(0.8)	15.9	(1.1)	26.8	(1.1)	30.4	(1.3)	14.7	(1.1)	2.8	(0.5)
	Indonesia	18.7	(2.2)	39.9	(3.1)	28.0	(2.0)	11.5	(3.0)	1.8	(0.8)	0.0	a	a	a
	Israel	16.0	(1.6)	21.3	(1.3)	21.7	(1.1)	19.6	(1.1)	14.7	(1.2)	5.4	(0.8)	1.3	(0.3)
	Jordan	21.6	(1.4)	29.2	(1.4)	27.8	(1.2)	16.2	(1.2)	4.6	(0.9)	0.6	(0.3)	0.0	a
	Kyrgyzstan	60.0	(1.8)	26.2	(1.3)	9.7	(1.0)	3.2	(0.6)	1.0	(0.3)	0.0	a		a
	Latvia	4.0	(0.6)	15.1	(1.1)	29.3	(1.6)	31.9	(1.5)	15.4	(1.2)	4.0	(0.6)	0.3	(0.1)
	Liechtenstein	3.0	(1.7)	10.2	(3.9)	22.8	(4.6)	31.0	(4.4)	20.8	(4.1)	10.6	(2.8)	1.5	(1.2)
	Lithuania	4.9	(0.5)	17.2	(1.0)	27.9	(1.2)	28.5	(1.2)	16.9	(1.1)	4.1	(0.6)	0.4	(0.2)
	Macao-China	1.8	(0.3)	9.5	(0.7)	24.2	(1.0)	34.4	(1.5)	23.5	(1.6)	6.2	(0.6)	0.3	(0.2)
	Montenegro	17.7	(1.0)	33.1	(1.5)	30.4	(1.4)	15.0	(0.9)	3.5	(0.5)	0.3	(0.2)	a	a
	Qatar	57.7	(1.0)	26.2	(1.0)	9.5	(0.7)	4.3	(0.4)	1.9	(0.2)	0.4	(0.1)	0.0	(0.0)
	Romania	17.6	(1.6)	30.7	(1.7)	29.4	(1.6)	16.9	(1.6)	4.6	(0.8)	0.7	(0.2)	0.0	a
	Russian Federation	5.6	(0.8)	17.0	(1.1)	29.3	(1.3)	27.5	(2.0)	15.6	(1.4)	4.4	(0.7)	0.7	(0.2)
	Serbia	12.9	(1.1)	27.9	(1.4)	31.0	(1.6)	20.6	(1.5)	6.5	(0.7)	1.0	(0.3)	0.0	a
	Slovenia	3.2	(0.4)	12.1	(1.0)	24.0	(1.1)	26.6	(1.6)	21.5	(1.5)	10.2	(1.0)	2.4	(0.5)
	Chinese Taipei	2.0	(0.4)	9.7	(1.0)	17.4	(0.9)	26.4	(1.2)	28.8	(1.2)	13.8	(1.1)	2.0	(0.4)
	Thailand	17.1	(1.6)	34.7	(1.4)	29.1	(1.3)	14.9	(1.0)	3.8	(0.6)	0.5	(0.2)	0.0	a
	Tunisia	29.3	(1.4)	34.2	(1.3)	24.5	(1.2)	9.8	(1.2)	2.0	(0.5)	0.1	(0.1)	0.0	a
	Uruguay	18.2	(1.8)	25.8	(1.9)	27.8	(1.9)	18.9	(1.5)	7.3	(0.7)	1.7	(0.4)	0.2	(0.1)

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[Part 2/2]

Table 2.1b Percentage of students at each proficiency level on the science scale, by gender

Tableau 2.1b Pourcentage d'élèves à chaque niveau de compétence sur l'échelle de culture scientifique, selon le sexe

		Females – Proficiency levels													
		Below Level 1 (below 334.94 score points)		Level 1 (from 334.94 to 409.54 score points)		Level 2 (from 409.54 to 484.14 score points)		Level 3 (from 484.14 to 558.73 score points)		Level 4 (from 558.73 to 633.33 score points)		Level 5 (from 633.33 to 707.93 score points)		Level 6 (above 707.93 score points)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	2.5	(0.3)	9.3	(0.6)	20.8	(0.8)	28.9	(0.6)	25.0	(0.7)	11.2	(0.7)	2.4	(0.3)
	Austria	5.0	(1.3)	12.5	(1.2)	20.8	(1.5)	29.0	(1.5)	24.1	(1.6)	7.9	(0.9)	0.8	(0.2)
	Belgium	4.6	(0.7)	11.4	(0.8)	20.8	(1.1)	29.9	(1.4)	24.4	(1.2)	8.3	(0.7)	0.6	(0.2)
	Canada	1.9	(0.3)	7.5	(0.7)	20.0	(0.9)	30.2	(0.9)	27.2	(0.9)	11.2	(0.8)	2.0	(0.3)
	Czech Republic	4.7	(0.9)	12.5	(1.2)	22.0	(1.4)	27.5	(1.4)	22.2	(1.3)	9.6	(1.1)	1.6	(0.3)
	Denmark	4.5	(0.8)	14.5	(1.0)	27.1	(1.3)	30.0	(1.4)	18.1	(1.1)	5.2	(0.7)	0.6	(0.3)
	Finland	0.4	(0.2)	2.8	(0.5)	12.6	(0.9)	30.3	(1.3)	33.7	(1.2)	16.9	(1.0)	3.3	(0.5)
	France	5.8	(0.7)	14.6	(1.2)	23.4	(1.4)	28.9	(1.3)	20.8	(1.3)	6.0	(0.8)	0.5	(0.2)
	Germany	3.7	(0.7)	12.1	(1.2)	21.1	(1.3)	29.9	(1.5)	23.3	(1.1)	8.4	(0.7)	1.4	(0.4)
	Greece	5.1	(0.8)	14.9	(1.0)	30.7	(1.8)	32.5	(1.5)	14.1	(1.1)	2.7	(0.5)	0.1	(0.1)
	Hungary	2.6	(0.5)	11.9	(1.2)	26.9	(1.6)	33.6	(1.7)	19.8	(1.3)	4.8	(0.7)	0.4	(0.2)
	Iceland	4.7	(0.7)	14.0	(1.1)	25.9	(1.2)	30.5	(1.5)	18.8	(1.0)	5.4	(0.8)	0.7	(0.3)
	Ireland	3.0	(0.5)	11.5	(0.9)	24.8	(1.7)	30.6	(1.6)	21.6	(1.2)	7.6	(0.8)	0.9	(0.3)
	Italy	6.5	(0.5)	18.5	(0.8)	29.3	(1.0)	27.4	(0.9)	14.4	(0.7)	3.6	(0.4)	0.3	(0.1)
	Japan	2.8	(0.7)	8.5	(1.0)	18.8	(1.2)	29.2	(1.3)	27.5	(1.6)	11.2	(0.9)	2.0	(0.4)
	Korea	1.8	(0.4)	8.3	(1.1)	21.5	(1.1)	33.3	(1.4)	25.5	(1.3)	8.6	(0.9)	0.9	(0.3)
	Luxembourg	6.1	(0.6)	16.1	(1.0)	27.0	(1.1)	29.9	(1.1)	16.5	(0.9)	4.1	(0.5)	0.3	(0.2)
	Mexico	18.9	(1.3)	33.4	(1.1)	31.0	(1.1)	13.9	(0.8)	2.6	(0.4)	0.2	(0.1)	0.0	a
	Netherlands	2.2	(0.5)	11.5	(1.2)	21.6	(1.2)	26.6	(1.3)	26.8	(1.3)	9.9	(0.8)	1.3	(0.3)
	New Zealand	3.1	(0.4)	9.1	(0.8)	20.0	(1.2)	26.0	(1.0)	24.9	(1.1)	13.3	(1.1)	3.6	(0.5)
	Norway	4.3	(0.7)	15.3	(1.1)	28.1	(1.1)	29.4	(1.6)	17.5	(1.2)	4.9	(0.7)	0.5	(0.2)
	Poland	2.7	(0.4)	13.9	(0.8)	28.1	(1.0)	30.3	(1.2)	19.5	(1.1)	5.0	(0.6)	0.5	(0.2)
	Portugal	5.6	(0.9)	19.0	(1.1)	29.3	(1.2)	29.8	(1.5)	14.0	(1.2)	2.2	(0.3)	0.0	(0.0)
	Slovak Republic	4.8	(0.7)	15.5	(1.3)	29.2	(1.2)	28.8	(1.3)	17.0	(1.3)	4.4	(0.5)	0.4	(0.2)
	Spain	4.3	(0.5)	15.4	(0.9)	28.3	(1.2)	30.7	(0.9)	17.1	(0.9)	4.0	(0.4)	0.2	(0.1)
	Sweden	3.4	(0.5)	12.0	(0.9)	26.4	(1.6)	30.4	(1.4)	20.6	(1.3)	6.2	(0.7)	1.0	(0.3)
	Switzerland	4.4	(0.5)	12.2	(0.8)	22.8	(1.1)	27.8	(1.0)	23.0	(1.3)	8.4	(1.0)	1.4	(0.4)
	Turkey	10.1	(1.1)	32.2	(1.8)	34.1	(1.9)	16.6	(1.4)	6.1	(1.2)	0.9	(0.4)	0.0	a
	United Kingdom	4.3	(0.5)	12.4	(0.9)	23.0	(1.0)	27.7	(1.0)	21.1	(1.0)	9.4	(0.7)	2.1	(0.4)
	United States	6.8	(0.8)	16.2	(1.1)	26.2	(1.2)	24.6	(1.0)	18.0	(1.0)	6.7	(0.8)	1.5	(0.4)
	OECD total	6.3	(0.3)	16.2	(0.3)	25.3	(0.4)	26.1	(0.4)	18.5	(0.3)	6.5	(0.2)	1.1	(0.1)
	OECD average	4.7	(0.1)	14.0	(0.2)	24.7	(0.2)	28.5	(0.2)	20.2	(0.2)	6.9	(0.1)	1.0	(0.1)
Partners	Argentina	26.2	(2.5)	27.8	(1.7)	26.0	(1.5)	14.9	(1.7)	4.6	(0.9)	0.5	(0.2)	a	a
	Azerbaijan	16.1	(1.7)	54.1	(1.8)	24.8	(1.8)	4.7	(0.9)	0.4	(0.2)	a	a	a	a
	Brazil	28.9	(1.2)	34.4	(1.1)	22.8	(1.2)	10.7	(0.9)	2.8	(0.5)	0.4	(0.2)	0.0	a
	Bulgaria	15.2	(1.8)	23.1	(1.9)	27.0	(1.8)	20.5	(1.6)	11.4	(1.5)	2.4	(0.5)	0.4	(0.2)
	Chile	15.7	(1.4)	28.6	(1.5)	30.1	(1.5)	17.6	(1.6)	6.6	(1.0)	1.2	(0.4)	0.1	(0.1)
	Colombia	27.0	(2.0)	35.5	(2.1)	26.9	(2.0)	9.1	(1.2)	1.4	(0.4)	0.1	(0.1)	a	a
	Croatia	2.6	(0.5)	13.1	(1.2)	29.7	(1.5)	32.3	(1.4)	17.5	(1.2)	4.4	(0.6)	0.4	(0.1)
	Estonia	0.7	(0.2)	6.0	(0.7)	21.0	(1.2)	34.2	(1.5)	27.0	(1.3)	10.0	(1.0)	1.2	(0.3)
	Hong Kong-China	1.5	(0.3)	6.7	(0.8)	17.9	(1.1)	30.5	(1.6)	29.1	(1.3)	13.0	(1.2)	1.3	(0.3)
	Indonesia	22.0	(1.6)	42.7	(1.9)	27.0	(1.7)	7.3	(1.2)	1.0	(0.4)	0.0	a	a	a
	Israel	13.8	(1.4)	21.1	(1.1)	26.3	(1.4)	22.0	(1.4)	12.9	(1.0)	3.5	(0.5)	0.3	(0.2)
	Jordan	10.8	(1.0)	27.1	(1.2)	33.7	(1.0)	21.2	(1.3)	6.5	(0.7)	0.7	(0.2)	0.0	a
	Kyrgyzstan	56.6	(1.7)	29.9	(1.3)	10.4	(0.9)	2.6	(0.4)	0.5	(0.2)	0.0	a	a	a
	Latvia	3.2	(0.6)	12.7	(1.2)	28.7	(1.5)	33.9	(1.3)	17.7	(1.2)	3.7	(0.5)	0.2	(0.1)
	Liechtenstein	2.3	(1.2)	10.3	(2.6)	19.4	(3.6)	26.7	(3.3)	29.0	(3.7)	9.5	(2.3)	2.8	(1.3)
	Lithuania	3.8	(0.6)	14.8	(1.3)	26.8	(1.4)	31.1	(1.2)	18.1	(1.2)	5.0	(0.8)	0.4	(0.2)
	Macao-China	1.0	(0.3)	8.2	(0.7)	27.8	(1.4)	36.9	(1.5)	22.0	(1.1)	3.8	(0.6)	0.2	(0.1)
	Montenegro	16.8	(1.1)	32.8	(1.8)	31.6	(1.1)	14.8	(0.9)	3.8	(0.5)	0.2	(0.2)	0.0	a
	Qatar	37.3	(0.9)	36.9	(1.0)	18.3	(0.9)	5.9	(0.6)	1.4	(0.2)	0.2	(0.1)	0.0	a
	Romania	14.3	(1.9)	31.2	(2.0)	34.2	(2.5)	16.2	(1.5)	3.9	(1.0)	0.2	(0.1)	a	a
	Russian Federation	4.9	(0.7)	16.9	(1.4)	31.1	(1.1)	29.1	(1.3)	14.6	(1.1)	3.0	(0.4)	0.3	(0.2)
	Serbia	10.9	(1.2)	25.3	(1.5)	33.5	(1.5)	23.1	(1.4)	6.6	(0.7)	0.6	(0.2)	a	a
	Slovenia	2.4	(0.5)	10.1	(0.7)	22.3	(0.9)	28.6	(1.1)	23.5	(1.4)	11.2	(1.0)	1.9	(0.4)
	Chinese Taipei	1.9	(0.4)	9.7	(1.1)	19.9	(1.4)	28.3	(1.1)	26.9	(1.5)	12.0	(1.1)	1.4	(0.3)
	Thailand	9.3	(0.9)	32.6	(1.2)	36.3	(1.2)	17.3	(1.1)	4.1	(0.5)	0.4	(0.1)	0.0	a
	Tunisia	26.2	(1.4)	35.9	(1.4)	25.4	(1.3)	10.6	(1.3)	1.8	(0.6)	0.1	(0.1)	a	a
	Uruguay	15.3	(1.3)	25.0	(1.2)	31.7	(1.9)	20.5	(1.5)	6.5	(0.7)	0.9	(0.3)	0.1	(0.1)

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[Part 1/2]

Table 2.1c Mean score, variation and gender differences in student performance on the science scale

Tableau 2.1c Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle de culture scientifique

		All students				Gender differences					
		Mean score		Standard deviation		Males		Females		Difference (M - F)	
		Mean	S.E.	S.D.	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.
OECD	Australia	527	(2.3)	100	(1.0)	527	(3.2)	527	(2.7)	0	(3.8)
	Austria	511	(3.9)	98	(2.4)	515	(4.2)	507	(4.9)	8	(4.9)
	Belgium	510	(2.5)	100	(2.0)	511	(3.3)	510	(3.2)	1	(4.1)
	Canada	534	(2.0)	94	(1.1)	536	(2.5)	532	(2.1)	4	(2.2)
	Czech Republic	513	(3.5)	98	(2.0)	515	(4.2)	510	(4.8)	5	(5.6)
	Denmark	496	(3.1)	93	(1.4)	500	(3.6)	491	(3.4)	**9**	(3.2)
	Finland	563	(2.0)	86	(1.0)	562	(2.6)	565	(2.4)	-3	(2.9)
	France	495	(3.4)	102	(2.1)	497	(4.3)	494	(3.6)	3	(4.0)
	Germany	516	(3.8)	100	(2.0)	519	(4.6)	512	(3.8)	7	(3.7)
	Greece	473	(3.2)	92	(2.0)	468	(4.5)	479	(3.4)	**-11**	(4.7)
	Hungary	504	(2.7)	88	(1.6)	507	(3.3)	501	(3.5)	6	(4.2)
	Iceland	491	(1.6)	97	(1.2)	488	(2.6)	494	(2.1)	-6	(3.4)
	Ireland	508	(3.2)	94	(1.5)	508	(4.3)	509	(3.3)	0	(4.3)
	Italy	475	(2.0)	96	(1.3)	477	(2.8)	474	(2.5)	3	(3.5)
	Japan	531	(3.4)	100	(2.0)	533	(4.9)	530	(5.1)	3	(7.4)
	Korea	522	(3.4)	90	(2.4)	521	(4.8)	523	(3.9)	-2	(5.5)
	Luxembourg	486	(1.1)	97	(0.9)	491	(1.8)	482	(1.8)	**9**	(2.9)
	Mexico	410	(2.7)	81	(1.5)	413	(3.2)	406	(2.6)	**7**	(2.2)
	Netherlands	525	(2.7)	96	(1.6)	528	(3.2)	521	(3.1)	**7**	(3.0)
	New Zealand	530	(2.7)	107	(1.4)	528	(3.9)	532	(3.6)	-4	(5.2)
	Norway	487	(3.1)	96	(2.0)	484	(3.8)	489	(3.2)	-4	(3.4)
	Poland	498	(2.3)	90	(1.1)	500	(2.7)	496	(2.6)	3	(2.5)
	Portugal	474	(3.0)	89	(1.7)	477	(3.7)	472	(3.2)	5	(3.3)
	Slovak Republic	488	(2.6)	93	(1.8)	491	(3.9)	485	(3.0)	6	(4.7)
	Spain	488	(2.6)	91	(1.0)	491	(2.9)	486	(2.7)	4	(2.4)
	Sweden	503	(2.4)	94	(1.4)	504	(2.7)	503	(2.9)	1	(3.0)
	Switzerland	512	(3.2)	99	(1.7)	514	(3.3)	509	(3.6)	**6**	(2.7)
	Turkey	424	(3.8)	83	(3.2)	418	(4.6)	430	(4.1)	**-12**	(4.1)
	United Kingdom	515	(2.3)	107	(1.5)	520	(3.0)	510	(2.8)	**10**	(3.4)
	United States	489	(4.2)	106	(1.7)	489	(5.1)	489	(4.0)	1	(3.5)
	OECD total	491	(1.2)	104	(0.6)	492	(1.4)	490	(1.3)	3	(1.3)
	OECD average	500	(0.5)	95	(0.3)	501	(0.7)	499	(0.6)	**2**	(0.7)
Partners	Argentina	391	(6.1)	101	(2.6)	384	(6.5)	397	(6.8)	**-13**	(5.6)
	Azerbaijan	382	(2.8)	56	(1.9)	379	(3.1)	386	(2.7)	**-8**	(2.0)
	Brazil	390	(2.8)	89	(1.9)	395	(3.2)	386	(2.9)	**9**	(2.3)
	Bulgaria	434	(6.1)	107	(3.2)	426	(6.6)	443	(6.9)	**-17**	(5.8)
	Chile	438	(4.3)	92	(1.8)	448	(5.4)	426	(4.4)	**22**	(4.8)
	Colombia	388	(3.4)	85	(1.8)	393	(4.1)	384	(4.1)	9	(4.6)
	Croatia	493	(2.4)	86	(1.4)	492	(3.3)	494	(3.1)	-2	(4.1)
	Estonia	531	(2.5)	84	(1.1)	530	(3.1)	533	(2.9)	-4	(3.1)
	Hong Kong-China	542	(2.5)	92	(1.9)	546	(3.5)	539	(3.5)	7	(4.9)
	Indonesia	393	(5.7)	70	(3.3)	399	(8.2)	387	(3.7)	12	(6.3)
	Israel	454	(3.7)	111	(2.0)	456	(5.6)	452	(4.2)	3	(6.5)
	Jordan	422	(2.8)	90	(1.9)	408	(4.5)	436	(3.3)	**-29**	(5.3)
	Kyrgyzstan	322	(2.9)	84	(2.0)	319	(3.6)	325	(3.0)	**-6**	(3.0)
	Latvia	490	(3.0)	84	(1.3)	486	(3.5)	493	(3.2)	**-7**	(3.1)
	Liechtenstein	522	(4.1)	97	(3.1)	516	(7.6)	527	(6.3)	-11	(11.1)
	Lithuania	488	(2.8)	90	(1.6)	483	(3.1)	493	(3.1)	**-9**	(2.8)
	Macao-China	511	(1.1)	78	(0.8)	513	(1.8)	509	(1.6)	4	(2.7)
	Montenegro	412	(1.1)	80	(0.9)	411	(1.7)	413	(1.7)	-2	(2.6)
	Qatar	349	(0.9)	84	(0.8)	334	(1.2)	365	(1.3)	**-32**	(1.9)
	Romania	418	(4.2)	81	(2.4)	417	(4.1)	419	(4.8)	-2	(3.3)
	Russian Federation	479	(3.7)	90	(1.4)	481	(4.1)	478	(3.7)	3	(2.7)
	Serbia	436	(3.0)	85	(1.6)	433	(3.3)	438	(3.8)	-5	(3.8)
	Slovenia	519	(1.1)	98	(1.0)	515	(2.0)	523	(1.9)	**-8**	(3.2)
	Chinese Taipei	532	(3.6)	94	(1.6)	536	(4.3)	529	(5.1)	7	(6.0)
	Thailand	421	(2.1)	77	(1.5)	411	(3.4)	428	(2.5)	**-17**	(3.9)
	Tunisia	386	(3.0)	82	(2.0)	383	(3.2)	388	(3.5)	-5	(3.4)
	Uruguay	428	(2.7)	94	(1.8)	427	(4.0)	430	(2.7)	-3	(4.0)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

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[Part 2/2]

Table 2.1c Mean score, variation and gender differences in student performance on the science scale

Tableau 2.1c Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle de culture scientifique

		Percentiles											
		5th		10th		25th		75th		90th		95th	
		Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
OECD	Australia	358	(3.5)	395	(3.4)	459	(2.6)	598	(2.5)	653	(2.9)	685	(3.4)
	Austria	341	(9.3)	378	(6.2)	443	(5.4)	582	(4.1)	633	(3.6)	663	(4.1)
	Belgium	336	(7.3)	374	(5.4)	442	(3.8)	584	(2.4)	634	(2.3)	660	(2.7)
	Canada	372	(4.7)	410	(3.7)	472	(2.5)	601	(2.2)	651	(2.4)	681	(2.8)
	Czech Republic	350	(6.0)	385	(5.2)	443	(4.6)	583	(3.9)	641	(4.3)	672	(4.7)
	Denmark	341	(5.9)	373	(4.8)	432	(4.3)	562	(2.9)	615	(3.7)	646	(4.3)
	Finland	419	(4.4)	453	(3.3)	506	(2.9)	622	(2.5)	673	(2.9)	700	(3.1)
	France	320	(6.3)	359	(5.5)	424	(5.3)	570	(4.0)	623	(4.0)	653	(3.8)
	Germany	345	(8.1)	381	(7.0)	447	(5.3)	587	(3.6)	642	(3.2)	672	(3.6)
	Greece	317	(7.3)	353	(5.4)	413	(4.4)	537	(3.3)	589	(4.1)	619	(3.8)
	Hungary	358	(4.4)	388	(4.2)	442	(3.5)	566	(3.3)	617	(3.1)	646	(4.2)
	Iceland	328	(4.9)	364	(3.1)	424	(2.6)	560	(2.3)	614	(2.9)	644	(3.4)
	Ireland	351	(5.8)	385	(4.4)	444	(4.6)	575	(3.4)	630	(3.7)	660	(4.9)
	Italy	318	(3.1)	351	(2.8)	409	(3.0)	543	(2.4)	598	(2.6)	630	(2.8)
	Japan	356	(6.1)	396	(6.2)	465	(5.1)	603	(3.1)	654	(3.1)	685	(3.6)
	Korea	367	(8.4)	403	(5.7)	462	(4.1)	586	(3.8)	635	(4.7)	662	(5.9)
	Luxembourg	322	(3.9)	358	(2.8)	419	(2.0)	556	(2.4)	609	(2.8)	640	(2.6)
	Mexico	281	(4.4)	306	(4.2)	354	(3.6)	465	(2.9)	516	(3.0)	544	(3.5)
	Netherlands	362	(5.9)	395	(5.4)	456	(4.7)	596	(2.6)	646	(3.4)	675	(3.6)
	New Zealand	347	(5.2)	389	(4.5)	455	(3.6)	608	(2.9)	667	(3.3)	699	(3.1)
	Norway	328	(7.8)	365	(5.6)	422	(3.9)	553	(3.0)	610	(3.5)	641	(3.4)
	Poland	352	(3.8)	381	(2.9)	434	(2.7)	562	(3.1)	615	(3.3)	645	(3.3)
	Portugal	329	(5.4)	357	(4.8)	411	(4.2)	539	(3.0)	588	(2.9)	617	(3.2)
	Slovak Republic	334	(5.6)	368	(3.7)	426	(3.2)	555	(4.0)	609	(4.1)	638	(3.9)
	Spain	338	(4.1)	370	(3.7)	427	(3.0)	552	(3.1)	604	(3.0)	633	(3.1)
	Sweden	347	(3.8)	381	(4.0)	439	(3.3)	569	(2.8)	622	(2.6)	654	(3.4)
	Switzerland	340	(5.0)	378	(4.9)	445	(3.9)	584	(3.5)	636	(3.8)	665	(4.6)
	Turkey	301	(2.8)	325	(3.2)	366	(2.6)	475	(5.8)	540	(9.7)	575	(9.8)
	United Kingdom	337	(5.4)	376	(4.3)	441	(3.2)	590	(3.1)	652	(2.9)	685	(3.5)
	United States	318	(4.5)	349	(5.9)	412	(5.4)	567	(4.6)	628	(4.3)	662	(4.8)
	OECD total	321	(1.8)	354	(1.9)	416	(1.6)	567	(1.3)	626	(1.3)	659	(1.5)
	OECD average	340	(1.0)	375	(0.9)	434	(0.7)	568	(0.6)	622	(0.7)	652	(0.8)
Partners	Argentina	218	(9.9)	259	(9.0)	324	(7.2)	461	(6.6)	520	(6.5)	555	(6.6)
	Azerbaijan	300	(3.1)	316	(2.4)	344	(2.6)	414	(3.5)	456	(6.4)	485	(7.3)
	Brazil	254	(4.5)	281	(3.2)	328	(2.3)	447	(4.5)	510	(5.6)	549	(5.3)
	Bulgaria	266	(8.1)	300	(7.1)	358	(6.4)	509	(7.8)	577	(8.2)	612	(8.3)
	Chile	295	(4.8)	323	(4.1)	374	(4.0)	501	(5.9)	560	(6.5)	595	(6.1)
	Colombia	247	(6.3)	280	(4.5)	332	(4.8)	445	(4.7)	496	(4.6)	528	(4.7)
	Croatia	354	(4.5)	383	(3.8)	433	(3.1)	553	(2.7)	604	(3.2)	634	(3.5)
	Estonia	392	(4.7)	422	(3.8)	474	(3.2)	589	(3.1)	640	(3.3)	668	(3.7)
	Hong Kong-China	380	(6.2)	418	(6.1)	482	(3.6)	609	(2.8)	655	(3.5)	682	(3.1)
	Indonesia	286	(4.1)	307	(3.5)	345	(4.2)	438	(8.0)	488	(11.8)	518	(11.7)
	Israel	275	(5.7)	310	(5.2)	374	(4.8)	535	(4.6)	601	(4.5)	636	(5.5)
	Jordan	276	(5.2)	309	(4.0)	362	(2.8)	484	(3.5)	537	(4.5)	568	(5.4)
	Kyrgyzstan	191	(4.9)	220	(3.8)	267	(3.2)	372	(3.3)	428	(5.0)	468	(6.7)
	Latvia	348	(5.2)	380	(4.2)	432	(3.7)	547	(3.5)	597	(3.5)	627	(3.1)
	Liechtenstein	358	(11.2)	393	(12.8)	457	(7.3)	591	(7.1)	643	(9.4)	675	(13.4)
	Lithuania	340	(3.8)	370	(3.2)	425	(3.3)	551	(3.5)	604	(4.2)	633	(5.5)
	Macao-China	378	(3.6)	409	(2.5)	458	(1.9)	566	(1.8)	611	(1.8)	635	(2.6)
	Montenegro	286	(2.7)	312	(2.1)	355	(2.2)	466	(2.2)	517	(3.0)	549	(3.7)
	Qatar	229	(2.1)	253	(1.4)	292	(1.8)	396	(1.4)	462	(2.6)	505	(4.1)
	Romania	291	(4.5)	314	(5.0)	361	(5.2)	473	(5.7)	526	(5.7)	557	(8.2)
	Russian Federation	333	(5.6)	364	(5.4)	418	(4.4)	541	(4.2)	596	(3.9)	627	(4.2)
	Serbia	297	(4.9)	327	(4.0)	377	(3.8)	495	(3.9)	545	(3.8)	576	(4.0)
	Slovenia	358	(3.8)	391	(2.8)	449	(2.7)	589	(2.1)	647	(3.3)	680	(3.0)
	Chinese Taipei	369	(4.5)	402	(5.0)	466	(5.3)	602	(3.4)	651	(2.7)	676	(3.4)
	Thailand	300	(4.0)	325	(3.4)	368	(2.8)	471	(3.3)	524	(3.8)	554	(4.2)
	Tunisia	254	(4.2)	283	(3.4)	328	(2.9)	440	(4.2)	495	(6.0)	527	(6.9)
	Uruguay	274	(6.8)	306	(4.9)	363	(4.1)	493	(3.3)	550	(3.6)	583	(4.2)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

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[Part 1/1]

Table 2.2a Percentage of students at each proficiency level on the *identifying scientific issues* scale

Tableau 2.2a Pourcentage d'élèves à chaque niveau de compétence sur l'échelle d'*identification des questions d'ordre scientifique*

		Proficiency levels													
		Below Level 1 (below 334.94 score points)		Level 1 (from 334.94 to 409.54 score points)		Level 2 (from 409.54 to 484.14 score points)		Level 3 (from 484.14 to 558.73 score points)		Level 4 (from 558.73 to 633.33 score points)		Level 5 (from 633.33 to 707.93 score points)		Level 6 (above 707.93 score points)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	2.5	(0.2)	8.1	(0.4)	18.7	(0.6)	28.5	(0.6)	26.6	(0.6)	12.6	(0.5)	3.1	(0.4)
	Austria	3.3	(0.6)	12.2	(0.9)	23.9	(1.2)	30.7	(1.2)	23.1	(1.1)	6.4	(0.8)	0.3	(0.1)
	Belgium	4.5	(0.8)	10.5	(0.6)	21.2	(0.8)	28.5	(0.8)	24.0	(0.7)	9.7	(0.5)	1.5	(0.2)
	Canada	2.9	(0.3)	8.0	(0.5)	18.9	(0.6)	29.3	(0.6)	26.6	(0.7)	11.6	(0.6)	2.7	(0.3)
	Czech Republic	4.4	(0.8)	13.4	(0.9)	24.9	(1.2)	28.4	(1.2)	20.5	(1.0)	7.3	(0.7)	1.2	(0.3)
	Denmark	4.4	(0.5)	13.7	(0.9)	26.3	(1.0)	31.5	(0.9)	18.6	(0.8)	5.1	(0.6)	0.4	(0.2)
	Finland	0.9	(0.2)	4.0	(0.4)	14.5	(0.7)	30.6	(0.9)	32.9	(1.1)	14.5	(0.7)	2.6	(0.3)
	France	6.7	(0.7)	13.7	(0.9)	21.9	(1.0)	27.2	(1.2)	21.4	(1.0)	7.9	(0.7)	1.2	(0.3)
	Germany	4.5	(0.8)	11.3	(0.8)	22.2	(0.8)	29.2	(1.0)	23.6	(1.0)	7.9	(0.6)	1.3	(0.2)
	Greece	8.1	(0.8)	16.5	(0.8)	29.3	(0.9)	30.0	(0.9)	13.7	(0.8)	2.2	(0.3)	0.1	(0.1)
	Hungary	3.9	(0.6)	14.2	(0.8)	31.1	(1.0)	33.6	(1.0)	14.8	(0.8)	2.3	(0.4)	0.1	(0.1)
	Iceland	6.6	(0.6)	14.0	(0.8)	24.7	(0.9)	27.1	(0.8)	19.2	(0.7)	7.3	(0.5)	1.1	(0.2)
	Ireland	3.0	(0.4)	10.7	(0.8)	23.2	(1.1)	29.2	(0.8)	22.9	(0.9)	9.2	(0.7)	1.8	(0.3)
	Italy	8.2	(0.5)	17.0	(0.6)	27.9	(0.7)	26.8	(0.7)	15.3	(0.7)	4.4	(0.4)	0.5	(0.1)
	Japan	4.8	(0.8)	9.7	(0.7)	19.4	(0.9)	27.0	(1.0)	24.9	(1.0)	11.5	(0.7)	2.5	(0.3)
	Korea	3.0	(0.5)	8.8	(0.8)	21.3	(0.9)	32.2	(1.1)	25.4	(1.1)	8.2	(0.8)	1.1	(0.3)
	Luxembourg	5.8	(0.4)	15.8	(0.6)	27.6	(0.8)	29.5	(0.9)	16.9	(0.8)	4.1	(0.3)	0.3	(0.1)
	Mexico	15.1	(1.0)	29.0	(0.9)	32.8	(0.9)	18.0	(0.7)	4.5	(0.4)	0.5	(0.1)	0.0	(0.0)
	Netherlands	3.2	(0.6)	9.0	(0.8)	19.4	(1.1)	26.0	(1.3)	25.3	(1.1)	13.6	(0.8)	3.5	(0.4)
	New Zealand	3.4	(0.4)	8.9	(0.6)	18.5	(0.7)	25.5	(0.9)	25.1	(1.0)	14.2	(0.8)	4.3	(0.4)
	Norway	5.3	(0.8)	14.5	(0.8)	27.2	(0.9)	29.5	(1.0)	17.7	(0.9)	5.2	(0.6)	0.6	(0.2)
	Poland	4.0	(0.4)	15.7	(0.9)	30.4	(0.8)	30.8	(0.9)	15.7	(0.8)	3.1	(0.4)	0.2	(0.1)
	Portugal	4.8	(0.6)	15.7	(0.9)	27.7	(1.0)	29.4	(1.1)	17.6	(1.0)	4.5	(0.5)	0.3	(0.1)
	Slovak Republic	7.0	(0.8)	15.8	(1.1)	29.5	(1.2)	28.9	(1.1)	15.2	(1.2)	3.5	(0.4)	0.2	(0.1)
	Spain	4.5	(0.3)	13.8	(0.7)	27.9	(0.7)	32.1	(0.6)	17.5	(0.7)	3.9	(0.4)	0.3	(0.1)
	Sweden	4.7	(0.4)	13.1	(0.8)	25.4	(1.1)	29.7	(1.1)	19.7	(0.9)	6.5	(0.5)	1.0	(0.2)
	Switzerland	3.7	(0.4)	10.6	(0.6)	21.4	(0.9)	29.9	(0.8)	24.4	(1.0)	9.0	(0.7)	1.0	(0.2)
	Turkey	11.2	(0.9)	31.2	(1.2)	34.2	(1.3)	18.1	(1.2)	4.9	(0.9)	0.5	(0.2)	a	a
	United Kingdom	4.8	(0.5)	11.3	(0.6)	22.5	(0.6)	26.6	(0.8)	22.0	(0.7)	10.1	(0.5)	2.7	(0.3)
	United States	5.6	(0.7)	16.0	(1.1)	25.2	(0.9)	26.7	(0.9)	18.4	(0.9)	6.9	(0.6)	1.2	(0.3)
	OECD total	6.3	(0.2)	15.6	(0.3)	25.1	(0.3)	26.6	(0.3)	18.5	(0.3)	6.7	(0.2)	1.2	(0.1)
	OECD average	5.2	(0.1)	13.5	(0.1)	24.6	(0.2)	28.3	(0.2)	20.0	(0.2)	7.1	(0.1)	1.3	(0.0)
Partners	Argentina	25.3	(2.0)	28.6	(1.1)	27.7	(1.3)	14.1	(1.2)	4.0	(0.6)	0.4	(0.2)	0.0	a
	Azerbaijan	38.9	(2.1)	42.8	(1.6)	15.8	(1.2)	2.4	(0.4)	0.2	(0.1)	0.0	a	a	a
	Brazil	25.3	(1.1)	30.1	(1.3)	27.1	(1.2)	12.9	(0.9)	4.0	(0.5)	0.6	(0.2)	0.0	(0.0)
	Bulgaria	20.8	(2.0)	23.9	(1.2)	24.5	(1.2)	18.7	(1.2)	9.3	(1.0)	2.5	(0.6)	0.3	(0.1)
	Chile	11.2	(0.9)	24.3	(1.2)	32.2	(0.9)	22.0	(1.1)	8.7	(0.9)	1.6	(0.4)	0.1	(0.1)
	Colombia	22.4	(1.4)	28.1	(1.2)	30.3	(1.2)	15.1	(1.0)	3.6	(0.5)	0.5	(0.2)	0.0	a
	Croatia	3.1	(0.5)	13.5	(0.8)	29.2	(0.9)	31.5	(1.0)	17.7	(0.8)	4.5	(0.5)	0.6	(0.1)
	Estonia	1.1	(0.2)	7.8	(0.7)	24.6	(0.9)	36.9	(0.9)	23.9	(1.0)	5.5	(0.6)	0.3	(0.1)
	Hong Kong-China	3.7	(0.5)	9.2	(0.6)	18.6	(0.8)	28.3	(1.0)	25.7	(0.9)	12.0	(0.8)	2.5	(0.4)
	Indonesia	22.3	(1.7)	37.0	(1.7)	28.5	(1.3)	10.5	(1.7)	1.5	(0.5)	0.2	(0.2)	a	a
	Israel	14.8	(1.0)	20.0	(0.7)	24.2	(0.8)	21.4	(0.9)	13.8	(0.9)	4.6	(0.5)	1.1	(0.2)
	Jordan	19.7	(0.9)	29.6	(1.0)	30.6	(1.2)	16.1	(0.9)	3.7	(0.5)	0.3	(0.1)	a	a
	Kyrgyzstan	55.3	(1.5)	28.6	(1.1)	12.1	(0.8)	3.3	(0.5)	0.6	(0.2)	0.1	(0.0)	0.0	a
	Latvia	3.9	(0.6)	13.6	(1.0)	29.1	(1.0)	33.0	(1.2)	17.1	(1.1)	3.1	(0.4)	0.2	(0.1)
	Liechtenstein	2.7	(0.8)	7.8	(1.6)	23.2	(2.6)	30.4	(2.7)	25.6	(3.1)	8.7	(1.9)	1.6	(0.8)
	Lithuania	4.9	(0.5)	17.0	(1.0)	30.6	(1.0)	31.1	(1.0)	14.0	(0.9)	2.3	(0.3)	0.1	(0.1)
	Macao-China	2.8	(0.3)	13.0	(0.8)	30.4	(0.9)	33.9	(0.9)	17.1	(0.7)	2.6	(0.4)	0.1	(0.1)
	Montenegro	21.5	(0.8)	32.6	(1.1)	29.2	(0.9)	13.9	(0.7)	2.6	(0.4)	0.2	(0.1)	a	a
	Qatar	43.8	(0.6)	35.3	(1.1)	14.8	(0.7)	4.6	(0.3)	1.2	(0.2)	0.2	(0.1)	0.0	a
	Romania	16.7	(1.4)	33.8	(1.6)	32.7	(1.4)	14.1	(1.4)	2.6	(0.6)	0.1	(0.1)	a	a
	Russian Federation	7.6	(0.8)	19.9	(1.2)	31.4	(0.8)	26.8	(1.1)	11.8	(1.0)	2.3	(0.3)	0.2	(0.1)
	Serbia	12.6	(1.0)	25.7	(1.0)	35.4	(1.0)	21.1	(1.2)	5.0	(0.5)	0.3	(0.1)	a	a
	Slovenia	2.0	(0.2)	9.5	(0.7)	23.5	(0.7)	31.8	(1.0)	24.7	(1.1)	7.6	(0.6)	0.9	(0.2)
	Chinese Taipei	4.1	(0.6)	12.2	(0.9)	21.9	(0.8)	29.5	(1.0)	23.5	(0.9)	7.9	(0.6)	0.9	(0.2)
	Thailand	17.1	(0.9)	31.4	(1.0)	31.6	(1.0)	15.8	(0.9)	3.7	(0.5)	0.3	(0.1)	0.0	a
	Tunisia	28.9	(1.5)	33.6	(1.2)	24.6	(0.9)	10.3	(0.9)	2.4	(0.5)	0.2	(0.1)	0.0	a
	Uruguay	15.9	(1.2)	26.4	(1.0)	29.4	(1.1)	19.6	(0.9)	7.4	(0.6)	1.2	(0.3)	0.1	(0.1)

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[Part 1/2]

Table 2.2b Percentage of students at each proficiency level on the *identifying scientific issues* scale, by gender

Tableau 2.2b Pourcentage d'élèves à chaque niveau de compétence sur l'échelle d'*identification des questions d'ordre scientifique*, selon le sexe

		Males – Proficiency levels													
		Below Level 1 (below 334.94 score points)		Level 1 (from 334.94 to 409.54 score points)		Level 2 (from 409.54 to 484.14 score points)		Level 3 (from 484.14 to 558.73 score points)		Level 4 (from 558.73 to 633.33 score points)		Level 5 (from 633.33 to 707.93 score points)		Level 6 (above 707.93 score points)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	3.6	(0.4)	9.6	(0.6)	20.2	(0.7)	27.7	(0.9)	25.1	(0.8)	11.1	(0.7)	2.7	(0.5)
	Austria	3.8	(0.7)	14.2	(1.1)	26.8	(1.7)	29.8	(1.6)	19.8	(1.4)	5.2	(0.7)	0.3	(0.2)
	Belgium	5.5	(1.2)	11.9	(1.0)	21.9	(1.2)	27.0	(0.9)	23.3	(0.9)	8.8	(0.7)	1.6	(0.3)
	Canada	3.8	(0.5)	9.1	(0.6)	19.2	(0.7)	29.0	(0.9)	25.8	(0.9)	10.8	(0.8)	2.3	(0.3)
	Czech Republic	4.8	(0.9)	14.9	(1.2)	27.1	(1.6)	27.6	(1.6)	18.4	(1.3)	6.2	(0.7)	1.0	(0.3)
	Denmark	5.1	(0.8)	15.6	(1.1)	25.9	(1.2)	30.3	(1.3)	18.1	(1.1)	4.5	(0.8)	0.3	(0.2)
	Finland	1.3	(0.3)	5.8	(0.6)	17.2	(1.0)	31.7	(1.0)	29.7	(1.1)	12.1	(0.9)	2.1	(0.3)
	France	8.4	(1.1)	15.1	(1.3)	22.7	(1.5)	24.7	(1.4)	19.8	(1.2)	8.0	(0.8)	1.2	(0.3)
	Germany	5.5	(1.0)	12.6	(1.0)	23.1	(1.1)	28.3	(1.2)	22.3	(1.2)	6.9	(0.7)	1.3	(0.3)
	Greece	11.5	(1.1)	19.7	(1.4)	29.4	(1.2)	25.9	(1.2)	11.6	(1.0)	1.7	(0.4)	0.1	(0.1)
	Hungary	4.8	(0.9)	16.7	(1.2)	30.6	(1.3)	31.2	(1.3)	14.5	(1.1)	2.2	(0.6)	0.1	a
	Iceland	9.0	(0.9)	16.6	(1.4)	25.4	(1.3)	25.1	(1.3)	17.0	(1.0)	6.0	(0.7)	0.8	(0.3)
	Ireland	4.1	(0.6)	12.2	(1.0)	24.1	(1.3)	28.6	(1.2)	20.8	(1.1)	8.6	(1.0)	1.7	(0.4)
	Italy	10.4	(0.8)	18.7	(0.8)	27.0	(1.0)	25.0	(1.0)	14.2	(0.8)	4.3	(0.4)	0.5	(0.1)
	Japan	5.8	(0.9)	11.3	(1.0)	20.5	(1.1)	26.3	(1.2)	23.1	(1.2)	10.7	(1.1)	2.3	(0.4)
	Korea	4.3	(0.7)	10.5	(1.0)	22.3	(1.3)	32.0	(1.4)	22.9	(1.6)	7.0	(0.9)	0.9	(0.3)
	Luxembourg	7.4	(0.6)	16.6	(0.9)	27.3	(1.3)	28.3	(1.3)	16.2	(1.2)	3.9	(0.5)	0.3	(0.1)
	Mexico	16.3	(1.4)	30.1	(1.4)	31.4	(1.2)	17.4	(0.9)	4.3	(0.4)	0.5	(0.1)	0.0	(0.0)
	Netherlands	3.6	(0.7)	9.7	(1.1)	20.2	(1.3)	26.9	(1.5)	24.0	(1.2)	12.6	(1.1)	3.0	(0.6)
	New Zealand	4.4	(0.6)	11.1	(0.8)	19.9	(1.1)	24.9	(1.5)	23.0	(1.2)	13.0	(1.4)	3.7	(0.5)
	Norway	7.4	(1.1)	16.8	(1.1)	27.3	(1.3)	27.7	(1.2)	15.5	(1.1)	4.9	(0.7)	0.4	(0.3)
	Poland	5.3	(0.6)	17.6	(1.1)	30.2	(1.2)	28.9	(1.1)	14.6	(0.8)	3.1	(0.5)	0.2	(0.1)
	Portugal	6.0	(0.9)	17.2	(1.2)	28.1	(1.2)	28.0	(1.3)	16.3	(1.1)	4.2	(0.7)	0.3	(0.2)
	Slovak Republic	8.8	(1.2)	17.8	(1.4)	29.9	(1.4)	27.1	(1.5)	13.3	(1.2)	2.9	(0.4)	0.2	(0.1)
	Spain	6.0	(0.5)	14.9	(1.0)	28.7	(1.0)	30.1	(1.0)	16.3	(0.9)	3.8	(0.4)	0.3	(0.1)
	Sweden	5.7	(0.6)	15.0	(1.0)	26.0	(1.4)	28.1	(1.4)	18.4	(1.2)	6.0	(0.5)	0.8	(0.3)
	Switzerland	4.1	(0.5)	11.4	(0.8)	21.9	(1.0)	30.3	(1.0)	23.3	(1.0)	8.0	(0.8)	0.9	(0.2)
	Turkey	15.2	(1.4)	34.5	(1.7)	31.5	(1.7)	14.8	(1.5)	3.9	(1.0)	0.2	(0.1)	a	a
	United Kingdom	5.8	(0.7)	12.3	(0.8)	21.9	(0.9)	25.8	(1.2)	21.1	(1.2)	10.3	(0.8)	2.8	(0.4)
	United States	7.3	(0.9)	18.1	(1.6)	24.2	(1.4)	25.0	(1.4)	17.9	(1.2)	6.6	(0.7)	0.9	(0.2)
	OECD total	7.7	(0.3)	17.3	(0.4)	24.9	(0.4)	25.3	(0.4)	17.4	(0.3)	6.3	(0.2)	1.1	(0.1)
	OECD average	6.5	(0.2)	15.3	(0.2)	25.1	(0.2)	27.1	(0.2)	18.5	(0.2)	6.5	(0.1)	1.1	(0.1)
Partners	Argentina	29.9	(2.3)	29.9	(1.4)	25.4	(1.6)	11.7	(1.3)	2.7	(0.7)	0.3	(0.2)	0.0	a
	Azerbaijan	41.6	(2.3)	41.9	(1.9)	14.0	(1.2)	2.4	(0.6)	0.2	(0.1)	0.0	a	a	a
	Brazil	27.3	(1.3)	29.9	(1.6)	25.9	(1.8)	12.3	(1.1)	3.8	(0.7)	0.7	(0.3)	0.1	a
	Bulgaria	25.9	(2.4)	25.4	(1.4)	22.9	(1.7)	15.7	(1.3)	7.9	(0.9)	1.9	(0.5)	0.2	(0.1)
	Chile	11.0	(1.1)	23.9	(1.6)	31.9	(1.2)	22.6	(1.3)	8.9	(1.1)	1.6	(0.4)	0.1	(0.1)
	Colombia	23.1	(1.8)	28.7	(1.7)	28.6	(1.6)	15.0	(1.3)	4.0	(0.6)	0.6	(0.2)	a	a
	Croatia	4.5	(0.7)	16.4	(1.4)	30.8	(1.2)	30.0	(1.3)	14.6	(1.0)	3.2	(0.4)	0.4	(0.1)
	Estonia	1.6	(0.4)	10.6	(1.0)	27.1	(1.4)	35.9	(1.3)	20.3	(1.2)	4.1	(0.7)	0.2	(0.1)
	Hong Kong-China	4.6	(0.8)	10.1	(1.1)	19.9	(1.3)	27.5	(1.3)	25.2	(1.3)	10.5	(1.0)	2.1	(0.4)
	Indonesia	21.2	(2.2)	36.1	(2.3)	28.7	(1.6)	12.1	(2.8)	1.6	(0.8)	0.4	(0.4)	a	a
	Israel	17.3	(1.6)	21.2	(1.3)	22.5	(1.3)	19.2	(1.2)	13.5	(1.1)	5.0	(0.7)	1.4	(0.3)
	Jordan	25.9	(1.6)	30.3	(1.4)	27.6	(1.4)	13.0	(1.5)	2.9	(0.7)	0.2	(0.1)	a	a
	Kyrgyzstan	60.8	(1.8)	25.5	(1.4)	9.8	(0.9)	3.1	(0.6)	0.7	(0.2)	0.1	(0.1)	0.0	a
	Latvia	5.5	(0.8)	17.5	(1.4)	31.4	(1.4)	30.0	(1.7)	13.5	(1.3)	2.0	(0.5)	0.2	(0.1)
	Liechtenstein	4.0	(1.6)	8.8	(3.7)	25.1	(5.6)	32.5	(4.1)	22.2	(4.6)	6.8	(2.7)	0.5	a
	Lithuania	6.4	(0.7)	19.8	(1.1)	32.4	(1.3)	28.5	(1.2)	11.1	(1.2)	1.6	(0.4)	0.1	(0.1)
	Macao-China	4.0	(0.5)	15.1	(1.0)	30.8	(1.6)	31.3	(1.4)	16.4	(1.1)	2.3	(0.5)	0.1	(0.1)
	Montenegro	24.3	(1.1)	34.4	(1.3)	26.6	(1.3)	12.7	(1.1)	2.0	(0.5)	0.1	a	a	a
	Qatar	55.1	(1.2)	29.8	(1.5)	9.9	(0.8)	3.8	(0.4)	1.2	(0.2)	0.2	(0.1)	0.0	a
	Romania	20.5	(1.7)	34.8	(2.2)	29.9	(1.9)	12.3	(1.4)	2.3	(0.6)	0.2	(0.2)	a	a
	Russian Federation	9.8	(1.2)	22.3	(1.6)	31.0	(1.2)	24.2	(1.2)	10.3	(1.2)	2.2	(0.4)	0.1	(0.1)
	Serbia	15.5	(1.2)	28.5	(1.2)	33.5	(1.4)	18.1	(1.2)	4.2	(0.5)	0.3	(0.1)	a	a
	Slovenia	3.0	(0.4)	11.9	(0.8)	26.1	(1.0)	31.0	(1.6)	21.3	(1.7)	6.0	(0.6)	0.7	(0.2)
	Chinese Taipei	4.9	(0.8)	12.6	(1.0)	21.7	(1.0)	29.3	(1.4)	23.1	(1.1)	7.7	(0.8)	0.8	(0.3)
	Thailand	25.0	(1.6)	33.6	(1.6)	25.8	(1.4)	12.4	(1.5)	3.0	(0.6)	0.1	(0.1)	a	a
	Tunisia	33.2	(1.8)	33.9	(1.4)	22.3	(1.2)	8.6	(0.9)	1.9	(0.6)	0.1	(0.1)	a	a
	Uruguay	19.6	(1.9)	27.9	(1.9)	27.4	(2.0)	17.4	(1.3)	6.3	(0.7)	1.2	(0.4)	0.1	a

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[Part 2/2]

Table 2.2b Percentage of students at each proficiency level on the *identifying scientific issues* scale, by gender

Tableau 2.2b Pourcentage d'élèves à chaque niveau de compétence sur l'échelle d'*identification des questions d'ordre scientifique*, selon le sexe

		Females – Proficiency levels													
		Below Level 1 (below 334.94 score points)		Level 1 (from 334.94 to 409.54 score points)		Level 2 (from 409.54 to 484.14 score points)		Level 3 (from 484.14 to 558.73 score points)		Level 4 (from 558.73 to 633.33 score points)		Level 5 (from 633.33 to 707.93 score points)		Level 6 (above 707.93 score points)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	1.5	(0.2)	6.4	(0.5)	17.0	(0.8)	29.3	(0.7)	28.2	(0.8)	14.2	(0.7)	3.5	(0.4)
	Austria	2.8	(0.9)	10.2	(1.2)	20.8	(1.5)	31.5	(1.5)	26.6	(1.4)	7.7	(1.0)	0.4	(0.1)
	Belgium	3.5	(0.6)	9.0	(0.7)	20.4	(0.9)	30.2	(1.1)	24.6	(1.0)	10.7	(0.7)	1.5	(0.3)
	Canada	1.9	(0.3)	6.9	(0.6)	18.5	(0.8)	29.6	(1.1)	27.5	(1.3)	12.4	(0.7)	3.1	(0.4)
	Czech Republic	3.9	(1.0)	11.4	(1.3)	22.1	(1.7)	29.3	(1.7)	23.2	(1.5)	8.7	(1.2)	1.4	(0.4)
	Denmark	3.7	(0.5)	11.8	(1.0)	26.6	(1.7)	32.6	(1.4)	19.1	(1.1)	5.7	(0.7)	0.4	(0.2)
	Finland	0.4	(0.1)	2.2	(0.4)	11.9	(1.0)	29.4	(1.7)	36.0	(1.6)	17.0	(1.0)	3.1	(0.4)
	France	5.1	(0.7)	12.3	(1.0)	21.2	(1.2)	29.5	(1.5)	22.8	(1.2)	7.9	(1.2)	1.2	(0.4)
	Germany	3.3	(0.7)	9.9	(1.0)	21.2	(1.2)	30.3	(1.3)	25.1	(1.3)	8.9	(0.8)	1.3	(0.3)
	Greece	4.7	(0.8)	13.2	(0.9)	29.3	(1.3)	34.0	(1.2)	15.9	(1.0)	2.8	(0.4)	0.2	(0.1)
	Hungary	2.9	(0.5)	11.5	(0.9)	31.7	(1.3)	36.2	(1.4)	15.1	(1.1)	2.3	(0.5)	0.3	(0.2)
	Iceland	4.2	(0.6)	11.3	(0.9)	23.9	(1.7)	29.0	(1.1)	21.5	(1.1)	8.6	(0.8)	1.4	(0.3)
	Ireland	2.0	(0.4)	9.2	(0.9)	22.3	(1.4)	29.9	(1.2)	25.0	(1.3)	9.9	(0.8)	1.8	(0.4)
	Italy	5.9	(0.6)	15.4	(0.7)	28.7	(0.9)	28.6	(0.9)	16.4	(0.9)	4.4	(0.5)	0.4	(0.1)
	Japan	3.9	(1.2)	8.2	(0.9)	18.4	(1.3)	27.7	(1.4)	26.8	(1.6)	12.3	(1.1)	2.8	(0.4)
	Korea	1.7	(0.5)	7.1	(1.0)	20.1	(1.1)	32.4	(1.4)	28.1	(1.3)	9.4	(1.0)	1.2	(0.4)
	Luxembourg	4.2	(0.5)	15.0	(0.8)	28.0	(1.0)	30.7	(1.3)	17.7	(1.0)	4.2	(0.4)	0.3	(0.2)
	Mexico	14.0	(1.1)	28.0	(1.0)	34.1	(1.0)	18.6	(0.8)	4.7	(0.5)	0.5	(0.2)	0.0	(0.1)
	Netherlands	2.8	(0.7)	8.3	(0.9)	18.6	(1.4)	25.1	(1.7)	26.6	(1.6)	14.6	(1.5)	3.9	(0.6)
	New Zealand	2.5	(0.4)	6.8	(0.9)	17.3	(1.3)	26.1	(1.6)	27.1	(1.4)	15.4	(1.0)	4.8	(0.6)
	Norway	3.0	(0.6)	12.1	(1.0)	27.0	(1.1)	31.4	(1.7)	20.0	(1.1)	5.6	(0.9)	0.9	(0.3)
	Poland	2.7	(0.4)	13.9	(1.1)	30.7	(1.5)	32.6	(1.4)	16.7	(1.0)	3.2	(0.5)	0.2	(0.1)
	Portugal	3.8	(0.6)	14.3	(1.1)	27.3	(1.3)	30.7	(1.7)	18.9	(1.3)	4.8	(0.6)	0.3	(0.1)
	Slovak Republic	5.1	(0.8)	13.7	(1.3)	29.1	(1.7)	30.7	(1.6)	17.2	(1.6)	4.0	(0.7)	0.2	(0.1)
	Spain	2.9	(0.4)	12.6	(0.8)	27.2	(0.9)	34.2	(0.8)	18.7	(0.8)	4.1	(0.5)	0.3	(0.1)
	Sweden	3.7	(0.6)	11.1	(1.0)	24.7	(1.3)	31.4	(1.3)	21.0	(1.1)	7.1	(0.9)	1.1	(0.4)
	Switzerland	3.2	(0.5)	9.7	(0.7)	20.9	(1.2)	29.4	(1.1)	25.6	(1.2)	9.9	(0.8)	1.2	(0.3)
	Turkey	6.3	(0.9)	27.3	(1.4)	37.6	(1.6)	22.0	(1.4)	6.1	(1.0)	0.8	(0.4)	a	a
	United Kingdom	3.8	(0.6)	10.3	(0.8)	23.1	(0.9)	27.5	(1.0)	22.8	(0.9)	9.9	(0.8)	2.6	(0.4)
	United States	4.0	(0.7)	13.9	(1.0)	26.3	(1.4)	28.3	(1.1)	19.0	(1.0)	7.1	(0.8)	1.4	(0.5)
	OECD total	4.8	(0.3)	13.8	(0.4)	25.4	(0.5)	28.0	(0.4)	19.6	(0.3)	7.1	(0.2)	1.3	(0.1)
	OECD average	3.8	(0.1)	11.8	(0.2)	24.2	(0.2)	29.6	(0.2)	21.5	(0.2)	7.8	(0.1)	1.4	(0.1)
Partners	Argentina	21.3	(2.2)	27.3	(1.6)	29.6	(1.6)	16.2	(1.6)	5.1	(1.0)	0.4	(0.3)	0.0	a
	Azerbaijan	36.0	(2.4)	43.7	(2.1)	17.7	(1.4)	2.4	(0.5)	0.2	(0.1)	0.0	a	a	a
	Brazil	23.6	(1.4)	30.3	(1.6)	28.0	(1.3)	13.4	(1.0)	4.1	(0.5)	0.5	(0.2)	0.0	a
	Bulgaria	15.3	(2.0)	22.2	(1.6)	26.2	(1.3)	21.9	(1.6)	10.9	(1.3)	3.1	(0.8)	0.4	(0.2)
	Chile	11.4	(1.1)	24.9	(1.3)	32.5	(1.3)	21.2	(1.2)	8.4	(1.2)	1.5	(0.5)	0.1	(0.1)
	Colombia	21.9	(1.4)	27.6	(1.6)	31.8	(1.7)	15.1	(1.2)	3.3	(0.7)	0.4	(0.3)	0.0	a
	Croatia	1.7	(0.4)	10.5	(0.8)	27.5	(1.2)	33.1	(1.3)	20.8	(1.3)	5.7	(0.7)	0.7	(0.2)
	Estonia	0.6	(0.3)	4.8	(0.8)	21.9	(1.2)	37.9	(1.6)	27.5	(1.2)	7.0	(0.8)	0.4	(0.2)
	Hong Kong-China	2.9	(0.6)	8.4	(1.0)	17.4	(1.2)	29.1	(1.6)	26.1	(1.2)	13.3	(1.3)	2.8	(0.6)
	Indonesia	23.4	(1.5)	38.0	(1.7)	28.3	(1.5)	8.8	(1.0)	1.4	(0.5)	0.0	a	a	a
	Israel	12.5	(1.2)	18.8	(1.2)	26.0	(1.5)	23.6	(1.5)	14.1	(1.1)	4.3	(0.6)	0.9	(0.3)
	Jordan	13.6	(1.0)	28.9	(1.3)	33.6	(1.6)	19.0	(1.1)	4.4	(0.6)	0.4	(0.2)	a	a
	Kyrgyzstan	50.6	(1.8)	31.4	(1.8)	14.0	(1.0)	3.4	(0.6)	0.5	(0.2)	0.1	(0.0)	a	a
	Latvia	2.3	(0.7)	9.9	(1.1)	27.0	(1.6)	35.9	(1.8)	20.5	(1.2)	4.2	(0.7)	0.2	(0.1)
	Liechtenstein	1.6	(1.1)	6.9	(2.4)	21.6	(3.6)	28.6	(3.8)	28.5	(3.9)	10.3	(2.7)	2.5	(1.4)
	Lithuania	3.4	(0.6)	14.1	(1.2)	28.6	(1.3)	33.8	(1.2)	17.0	(1.2)	3.1	(0.5)	0.1	(0.1)
	Macao-China	1.5	(0.3)	10.9	(1.1)	29.9	(1.1)	36.7	(1.2)	17.9	(0.9)	3.0	(0.5)	0.1	(0.1)
	Montenegro	18.6	(1.1)	30.7	(1.8)	32.0	(1.2)	15.2	(1.2)	3.2	(0.5)	0.2	(0.1)	a	a
	Qatar	32.3	(0.8)	41.0	(1.0)	19.8	(0.9)	5.5	(0.4)	1.1	(0.3)	0.3	(0.1)	0.0	a
	Romania	13.0	(1.5)	32.8	(2.1)	35.4	(1.8)	15.8	(2.1)	2.9	(0.7)	0.1	a	a	a
	Russian Federation	5.6	(0.7)	17.7	(1.3)	31.8	(1.1)	29.2	(1.3)	13.1	(1.0)	2.4	(0.4)	0.2	(0.1)
	Serbia	9.6	(1.1)	22.8	(1.4)	37.3	(1.8)	24.3	(1.6)	5.7	(0.7)	0.3	(0.1)	a	a
	Slovenia	1.0	(0.3)	7.1	(1.0)	20.8	(1.0)	32.6	(1.1)	28.1	(1.3)	9.2	(0.9)	1.2	(0.3)
	Chinese Taipei	3.3	(0.6)	11.8	(1.3)	22.1	(1.2)	29.7	(1.4)	24.0	(1.4)	8.1	(0.9)	1.0	(0.3)
	Thailand	11.3	(0.9)	29.8	(1.2)	36.0	(1.2)	18.2	(1.0)	4.3	(0.6)	0.4	(0.2)	0.0	a
	Tunisia	25.0	(1.6)	33.3	(1.4)	26.7	(1.1)	11.8	(1.2)	2.9	(0.7)	0.3	(0.2)	0.0	a
	Uruguay	12.5	(0.9)	24.9	(1.4)	31.3	(1.4)	21.7	(1.0)	8.4	(0.8)	1.2	(0.3)	0.0	(0.0)

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[Part 1/2]

Table 2.2c Mean score, variation and gender differences in student performance on the *identifying scientific issues* scale

Tableau 2.2c Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle d'*identification des questions d'ordre scientifique*

		All students				Gender differences					
		Mean score		Standard deviation		Males		Females		Difference (M - F)	
		Mean	S.E.	S.D.	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.
OECD	Australia	535	(2.3)	98	(1.2)	525	(3.2)	546	(2.6)	**-21**	(3.6)
	Austria	505	(3.7)	90	(2.2)	495	(4.2)	516	(4.7)	**-22**	(4.6)
	Belgium	515	(2.7)	100	(2.3)	508	(3.8)	523	(3.1)	**-14**	(4.3)
	Canada	532	(2.3)	97	(1.3)	525	(2.7)	539	(2.4)	**-14**	(2.4)
	Czech Republic	500	(4.2)	99	(3.4)	492	(4.8)	511	(5.3)	**-19**	(5.7)
	Denmark	493	(3.0)	90	(1.4)	488	(3.5)	499	(3.2)	**-11**	(3.2)
	Finland	555	(2.3)	84	(1.1)	542	(2.7)	568	(2.6)	**-26**	(2.8)
	France	499	(3.5)	104	(2.4)	491	(4.6)	507	(3.7)	**-16**	(4.7)
	Germany	510	(3.8)	98	(2.4)	502	(4.5)	518	(3.9)	**-16**	(3.4)
	Greece	469	(3.0)	92	(2.1)	453	(4.1)	485	(3.1)	**-31**	(4.3)
	Hungary	483	(2.6)	81	(1.8)	477	(3.4)	489	(3.3)	**-13**	(4.1)
	Iceland	494	(1.7)	103	(1.4)	479	(2.9)	509	(2.4)	**-30**	(4.1)
	Ireland	516	(3.3)	95	(1.7)	508	(4.4)	524	(3.5)	**-16**	(4.6)
	Italy	474	(2.2)	99	(1.5)	466	(2.9)	483	(2.5)	**-17**	(3.4)
	Japan	522	(4.0)	106	(2.5)	513	(5.1)	531	(6.6)	**-18**	(8.5)
	Korea	519	(3.7)	91	(2.4)	508	(4.9)	530	(4.2)	**-22**	(5.7)
	Luxembourg	483	(1.1)	92	(0.9)	477	(1.7)	489	(1.8)	**-11**	(2.8)
	Mexico	421	(2.6)	85	(1.6)	418	(2.9)	425	(2.8)	**-7**	(2.2)
	Netherlands	533	(3.3)	103	(2.9)	527	(3.8)	539	(3.5)	**-12**	(3.2)
	New Zealand	536	(2.9)	106	(1.6)	525	(3.7)	547	(3.7)	**-22**	(4.9)
	Norway	489	(3.1)	94	(2.0)	478	(3.9)	501	(3.3)	**-24**	(3.7)
	Poland	483	(2.5)	84	(1.1)	476	(2.8)	490	(2.7)	**-13**	(2.5)
	Portugal	486	(3.1)	91	(1.9)	480	(3.6)	493	(3.4)	**-13**	(3.1)
	Slovak Republic	475	(3.2)	96	(3.6)	465	(4.5)	485	(3.6)	**-20**	(5.1)
	Spain	489	(2.4)	89	(1.1)	482	(2.7)	496	(2.6)	**-15**	(2.1)
	Sweden	499	(2.6)	96	(1.4)	491	(2.9)	507	(3.1)	**-16**	(3.0)
	Switzerland	515	(3.0)	95	(1.4)	510	(3.1)	520	(3.3)	**-10**	(2.4)
	Turkey	427	(3.4)	79	(2.7)	414	(4.1)	443	(3.6)	**-29**	(3.8)
	United Kingdom	514	(2.3)	106	(1.5)	510	(2.9)	517	(2.8)	**-7**	(3.2)
	United States	492	(3.8)	100	(1.7)	484	(4.6)	500	(3.8)	**-16**	(3.6)
	OECD total	**491**	**(1.1)**	**102**	**(0.6)**	**483**	**(1.3)**	**499**	**(1.2)**	**-16**	**(1.4)**
	OECD average	**499**	**(0.5)**	**95**	**(0.4)**	**490**	**(0.7)**	**508**	**(0.6)**	**-17**	**(0.7)**
Partners	Argentina	395	(5.7)	100	(3.1)	381	(5.8)	408	(6.4)	**-27**	(5.2)
	Azerbaijan	353	(3.1)	66	(2.6)	349	(3.3)	357	(3.3)	**-8**	(2.3)
	Brazil	398	(2.8)	93	(1.9)	394	(3.2)	402	(3.0)	**-7**	(2.5)
	Bulgaria	427	(6.3)	109	(3.3)	411	(6.6)	445	(7.1)	**-34**	(5.6)
	Chile	444	(4.1)	89	(1.7)	445	(5.0)	443	(4.1)	3	(4.5)
	Colombia	402	(3.4)	96	(2.4)	401	(4.4)	404	(4.0)	-3	(4.8)
	Croatia	494	(2.6)	86	(1.6)	480	(3.5)	507	(3.1)	**-27**	(4.1)
	Estonia	516	(2.6)	77	(1.3)	504	(3.1)	528	(2.6)	**-25**	(2.8)
	Hong Kong-China	528	(3.2)	101	(2.2)	520	(4.1)	535	(4.5)	**-15**	(5.9)
	Indonesia	393	(5.6)	77	(2.7)	397	(8.0)	389	(3.6)	8	(6.0)
	Israel	457	(3.9)	114	(2.0)	451	(5.9)	463	(4.0)	-12	(6.6)
	Jordan	409	(2.8)	89	(1.8)	393	(4.6)	425	(2.8)	**-32**	(5.1)
	Kyrgyzstan	321	(3.2)	93	(2.0)	311	(3.6)	330	(3.3)	**-20**	(2.9)
	Latvia	489	(3.3)	83	(1.5)	473	(3.7)	504	(3.5)	**-31**	(3.1)
	Liechtenstein	522	(3.7)	91	(3.1)	508	(7.0)	534	(5.7)	**-26**	(10.3)
	Lithuania	476	(2.7)	84	(1.4)	463	(2.9)	489	(3.0)	**-26**	(2.7)
	Macao-China	490	(1.2)	79	(1.0)	483	(1.9)	498	(1.6)	**-15**	(2.6)
	Montenegro	401	(1.2)	83	(1.1)	393	(2.0)	409	(1.8)	**-16**	(2.9)
	Qatar	352	(0.8)	79	(0.8)	334	(1.2)	371	(1.3)	**-37**	(2.1)
	Romania	409	(3.6)	77	(2.7)	401	(3.6)	418	(4.4)	**-17**	(3.5)
	Russian Federation	463	(4.2)	89	(1.3)	453	(4.6)	472	(4.1)	**-20**	(2.6)
	Serbia	431	(3.0)	83	(1.8)	420	(3.3)	441	(3.6)	**-21**	(3.7)
	Slovenia	517	(1.4)	87	(0.8)	504	(2.0)	530	(2.0)	**-27**	(2.8)
	Chinese Taipei	509	(3.7)	95	(1.9)	506	(4.4)	512	(5.0)	-6	(5.8)
	Thailand	413	(2.5)	83	(1.5)	394	(3.7)	427	(2.8)	**-33**	(4.1)
	Tunisia	384	(3.8)	88	(2.2)	373	(3.9)	394	(4.2)	**-21**	(3.4)
	Uruguay	429	(3.0)	95	(2.0)	418	(4.2)	439	(2.8)	**-21**	(3.9)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

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[Part 2/2]

Table 2.2c **Mean score, variation and gender differences in student performance on the *identifying scientific issues* scale**

Tableau 2.2c **Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle de l'*identification des questions d'ordre scientifique***

		Percentiles											
		5th		10th		25th		75th		90th		95th	
		Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
OECD	Australia	368	(4.3)	406	(3.1)	471	(2.7)	604	(2.8)	658	(3.2)	689	(3.6)
	Austria	351	(6.8)	383	(6.7)	443	(4.8)	571	(3.8)	618	(4.1)	644	(4.0)
	Belgium	340	(8.6)	382	(6.6)	449	(3.7)	587	(2.9)	639	(2.9)	668	(3.5)
	Canada	363	(4.9)	404	(4.1)	469	(2.9)	599	(2.3)	652	(2.5)	683	(2.9)
	Czech Republic	341	(8.2)	376	(5.9)	434	(4.7)	570	(4.5)	625	(5.2)	656	(5.2)
	Denmark	341	(5.5)	375	(4.5)	432	(4.0)	556	(3.2)	607	(3.2)	637	(4.4)
	Finland	411	(4.0)	446	(3.5)	501	(3.1)	612	(2.9)	659	(2.8)	686	(3.2)
	France	319	(7.0)	358	(5.9)	427	(5.5)	576	(3.5)	629	(3.7)	659	(4.5)
	Germany	341	(8.3)	381	(6.6)	444	(5.0)	579	(3.4)	630	(3.5)	660	(4.0)
	Greece	309	(6.1)	347	(5.3)	411	(4.4)	533	(2.9)	581	(3.4)	608	(3.2)
	Hungary	347	(5.7)	378	(4.4)	430	(3.6)	539	(3.3)	583	(3.6)	610	(4.4)
	Iceland	318	(5.0)	358	(4.8)	426	(2.5)	566	(2.2)	625	(3.1)	656	(3.7)
	Ireland	357	(5.7)	391	(4.9)	450	(4.0)	584	(3.3)	638	(3.4)	668	(4.4)
	Italy	310	(4.7)	347	(3.5)	409	(3.0)	543	(2.8)	600	(2.7)	632	(3.4)
	Japan	337	(8.2)	381	(6.9)	453	(5.6)	597	(3.9)	652	(4.0)	682	(4.0)
	Korea	361	(7.6)	400	(6.0)	461	(4.4)	583	(4.1)	630	(4.1)	657	(5.0)
	Luxembourg	329	(2.9)	362	(2.3)	421	(2.0)	548	(2.3)	600	(2.4)	628	(2.5)
	Mexico	280	(6.1)	312	(4.7)	365	(3.4)	479	(2.8)	529	(3.0)	559	(3.9)
	Netherlands	360	(7.3)	397	(5.7)	462	(4.5)	606	(3.5)	662	(4.0)	694	(4.5)
	New Zealand	356	(4.8)	396	(4.8)	465	(4.3)	612	(3.0)	668	(3.0)	701	(3.5)
	Norway	333	(7.6)	368	(5.7)	426	(3.6)	555	(3.1)	608	(4.0)	640	(4.1)
	Poland	344	(3.9)	374	(3.2)	425	(3.0)	542	(3.2)	591	(2.7)	619	(3.7)
	Portugal	336	(5.4)	367	(4.3)	423	(4.1)	551	(3.4)	603	(3.7)	632	(4.9)
	Slovak Republic	315	(8.5)	356	(4.9)	416	(3.6)	541	(3.6)	592	(3.6)	622	(3.7)
	Spain	341	(4.1)	374	(3.2)	431	(2.7)	550	(2.4)	599	(2.7)	627	(3.1)
	Sweden	338	(4.5)	374	(4.2)	435	(3.2)	566	(3.2)	619	(3.1)	653	(3.3)
	Switzerland	350	(4.9)	387	(4.4)	452	(3.9)	583	(3.1)	633	(3.7)	661	(4.6)
	Turkey	304	(5.1)	330	(3.8)	374	(3.2)	480	(4.7)	531	(6.7)	561	(8.5)
	United Kingdom	337	(6.1)	377	(4.3)	443	(2.9)	587	(2.8)	648	(2.8)	682	(3.2)
	United States	330	(5.8)	362	(5.3)	420	(4.7)	563	(4.2)	621	(4.9)	654	(5.2)
	OECD total	**324**	**(2.0)**	**359**	**(1.6)**	**420**	**(1.4)**	**563**	**(1.1)**	**621**	**(1.5)**	**655**	**(1.6)**
	OECD average	**339**	**(1.1)**	**375**	**(0.9)**	**436**	**(0.7)**	**565**	**(0.6)**	**618**	**(0.7)**	**648**	**(0.8)**
Partners	Argentina	219	(13.2)	263	(10.2)	334	(6.9)	464	(5.4)	518	(6.0)	552	(7.3)
	Azerbaijan	247	(4.5)	271	(4.1)	310	(3.5)	395	(3.3)	435	(4.3)	461	(5.0)
	Brazil	249	(4.6)	281	(2.8)	334	(3.1)	459	(3.8)	520	(5.5)	555	(5.5)
	Bulgaria	251	(8.2)	289	(8.7)	350	(7.3)	504	(7.6)	571	(7.4)	607	(8.4)
	Chile	300	(6.1)	330	(3.9)	383	(4.1)	505	(5.0)	561	(5.4)	594	(6.8)
	Colombia	234	(8.6)	274	(6.9)	343	(4.7)	468	(4.1)	519	(4.7)	551	(5.1)
	Croatia	354	(5.2)	384	(4.1)	435	(3.2)	552	(2.8)	604	(3.5)	634	(4.9)
	Estonia	387	(5.3)	415	(4.0)	464	(3.7)	570	(2.9)	613	(2.9)	639	(3.5)
	Hong Kong-China	352	(6.6)	393	(5.4)	461	(4.4)	599	(3.8)	652	(4.5)	683	(4.4)
	Indonesia	269	(5.2)	297	(3.9)	342	(4.2)	444	(7.1)	495	(10.5)	522	(9.2)
	Israel	272	(6.4)	311	(5.5)	378	(4.2)	538	(4.7)	604	(5.4)	641	(5.6)
	Jordan	262	(5.3)	297	(3.6)	351	(3.0)	470	(3.5)	522	(3.5)	550	(4.0)
	Kyrgyzstan	167	(6.2)	203	(4.4)	263	(4.4)	382	(3.3)	436	(4.2)	473	(5.8)
	Latvia	346	(6.1)	377	(5.2)	434	(4.2)	547	(3.4)	594	(3.5)	621	(4.1)
	Liechtenstein	366	(11.2)	405	(11.7)	461	(6.6)	589	(7.1)	634	(12.1)	667	(9.1)
	Lithuania	336	(4.5)	366	(3.2)	419	(3.4)	535	(3.4)	583	(3.5)	609	(4.5)
	Macao-China	358	(3.5)	388	(2.5)	437	(2.4)	545	(2.0)	591	(2.5)	615	(3.1)
	Montenegro	263	(3.1)	294	(2.1)	344	(2.0)	460	(1.9)	508	(2.5)	537	(3.4)
	Qatar	234	(2.5)	258	(1.8)	300	(1.6)	398	(2.2)	453	(2.6)	495	(2.7)
	Romania	284	(6.2)	311	(5.1)	357	(4.2)	461	(4.9)	510	(6.4)	539	(6.4)
	Russian Federation	315	(5.8)	348	(5.7)	402	(4.6)	524	(4.7)	576	(4.9)	607	(4.5)
	Serbia	289	(6.9)	323	(4.9)	377	(3.6)	487	(3.0)	533	(3.4)	560	(3.4)
	Slovenia	372	(3.1)	402	(4.0)	457	(2.3)	579	(1.9)	627	(2.6)	655	(3.3)
	Chinese Taipei	344	(5.7)	379	(5.9)	444	(5.5)	578	(3.2)	628	(3.7)	655	(3.8)
	Thailand	276	(4.6)	307	(3.7)	358	(3.4)	469	(3.4)	520	(4.2)	551	(4.6)
	Tunisia	240	(6.0)	271	(3.7)	324	(4.2)	442	(4.7)	499	(7.1)	532	(8.2)
	Uruguay	271	(7.9)	308	(5.2)	365	(4.2)	494	(3.2)	552	(3.7)	584	(5.1)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

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[Part 1/1]

Table 2.3a Percentage of students at each proficiency level on the *explaining phenomena scientifically* scale

Tableau 2.3a Pourcentage d'élèves à chaque niveau de compétence sur l'échelle d'*explication scientifique de phénomènes*

		Proficiency levels													
		Below Level 1 (below 334.94 score points)		Level 1 (from 334.94 to 409.54 score points)		Level 2 (from 409.54 to 484.14 score points)		Level 3 (from 484.14 to 558.73 score points)		Level 4 (from 558.73 to 633.33 score points)		Level 5 (from 633.33 to 707.93 score points)		Level 6 (above 707.93 score points)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	3.5	(0.3)	10.7	(0.4)	21.8	(0.5)	27.7	(0.6)	22.9	(0.7)	10.7	(0.5)	2.7	(0.3)
	Austria	4.1	(0.7)	11.0	(0.9)	21.5	(1.0)	27.6	(1.0)	23.9	(1.0)	10.2	(0.8)	1.8	(0.3)
	Belgium	5.8	(0.8)	13.6	(0.7)	22.0	(0.7)	27.2	(0.7)	21.8	(0.7)	8.4	(0.4)	1.2	(0.2)
	Canada	2.8	(0.3)	8.9	(0.5)	19.9	(0.7)	27.9	(0.7)	25.3	(0.8)	12.1	(0.6)	3.1	(0.2)
	Czech Republic	2.8	(0.5)	10.2	(0.8)	20.9	(1.0)	27.5	(1.0)	23.1	(1.1)	12.0	(0.9)	3.5	(0.4)
	Denmark	4.2	(0.5)	13.4	(0.8)	25.3	(0.8)	28.9	(1.0)	19.4	(0.8)	7.5	(0.7)	1.3	(0.3)
	Finland	0.5	(0.1)	3.5	(0.3)	13.9	(0.6)	28.1	(0.9)	31.4	(0.9)	17.5	(0.8)	5.1	(0.5)
	France	7.7	(0.7)	16.6	(1.0)	25.5	(0.9)	27.3	(0.9)	16.9	(0.8)	5.3	(0.5)	0.6	(0.2)
	Germany	3.9	(0.6)	11.5	(0.9)	20.6	(0.9)	27.6	(1.0)	22.5	(1.0)	11.1	(0.9)	2.7	(0.3)
	Greece	6.7	(0.8)	17.1	(1.0)	28.8	(1.0)	28.3	(1.1)	15.0	(0.9)	3.6	(0.4)	0.5	(0.1)
	Hungary	2.5	(0.3)	10.0	(1.1)	23.6	(1.1)	30.2	(0.9)	22.6	(1.0)	9.0	(0.6)	2.1	(0.3)
	Iceland	5.0	(0.5)	15.0	(0.8)	27.6	(0.9)	29.6	(0.8)	17.4	(0.7)	4.9	(0.5)	0.5	(0.1)
	Ireland	4.5	(0.5)	12.6	(0.7)	24.6	(1.0)	28.0	(1.2)	19.9	(0.9)	8.5	(0.7)	1.8	(0.3)
	Italy	7.5	(0.5)	16.9	(0.6)	27.0	(0.7)	26.9	(0.6)	15.7	(0.6)	5.2	(0.3)	0.8	(0.1)
	Japan	2.8	(0.4)	9.0	(0.7)	20.5	(1.0)	28.5	(0.8)	25.8	(1.0)	11.0	(0.9)	2.4	(0.3)
	Korea	2.7	(0.5)	10.9	(0.7)	24.1	(0.9)	30.9	(1.3)	22.7	(0.8)	7.6	(0.9)	1.2	(0.4)
	Luxembourg	6.8	(0.4)	16.4	(0.7)	26.3	(1.0)	27.7	(0.9)	17.2	(0.7)	5.0	(0.4)	0.6	(0.2)
	Mexico	19.5	(1.2)	33.3	(0.8)	29.7	(0.9)	13.9	(0.7)	3.2	(0.4)	0.4	(0.1)	0.0	(0.0)
	Netherlands	2.6	(0.4)	10.5	(0.8)	21.3	(1.0)	28.6	(1.2)	24.9	(0.9)	10.3	(0.6)	1.8	(0.3)
	New Zealand	4.7	(0.5)	11.4	(0.7)	21.0	(0.8)	24.7	(1.0)	21.9	(0.9)	12.1	(0.6)	4.2	(0.4)
	Norway	5.8	(0.7)	13.8	(0.7)	25.4	(0.9)	27.9	(0.8)	18.8	(0.9)	7.1	(0.6)	1.2	(0.2)
	Poland	3.2	(0.4)	13.0	(0.8)	25.6	(1.0)	28.9	(1.0)	19.9	(0.8)	7.9	(0.5)	1.6	(0.3)
	Portugal	5.8	(0.7)	19.5	(1.1)	31.0	(0.8)	27.9	(1.1)	13.1	(0.7)	2.5	(0.3)	0.1	(0.1)
	Slovak Republic	4.2	(0.5)	13.0	(0.8)	26.1	(1.3)	28.7	(0.9)	19.5	(0.9)	7.2	(0.7)	1.4	(0.3)
	Spain	5.6	(0.5)	15.2	(0.7)	26.1	(0.7)	28.2	(0.7)	17.8	(0.7)	6.1	(0.4)	0.9	(0.1)
	Sweden	4.0	(0.6)	11.6	(0.8)	23.4	(1.0)	29.3	(0.9)	21.2	(0.8)	8.6	(0.6)	1.8	(0.3)
	Switzerland	5.2	(0.6)	12.2	(0.6)	21.9	(0.9)	28.0	(0.9)	22.4	(0.8)	8.5	(0.6)	1.8	(0.3)
	Turkey	14.3	(0.9)	33.4	(1.2)	29.8	(1.3)	14.9	(1.0)	6.1	(1.1)	1.4	(0.5)	0.1	(0.0)
	United Kingdom	4.6	(0.4)	12.7	(0.6)	21.7	(0.7)	25.2	(0.7)	20.7	(0.6)	11.4	(0.6)	3.8	(0.3)
	United States	8.4	(0.9)	18.0	(1.1)	23.6	(0.9)	23.4	(0.9)	16.9	(0.9)	7.8	(0.6)	2.0	(0.3)
	OECD total	7.4	(0.3)	16.9	(0.3)	24.1	(0.3)	24.7	(0.3)	17.7	(0.3)	7.5	(0.2)	1.7	(0.1)
	OECD average	5.4	(0.1)	14.2	(0.1)	24.0	(0.2)	27.0	(0.2)	19.7	(0.2)	8.0	(0.1)	1.8	(0.0)
Partners	Argentina	29.9	(2.1)	28.1	(1.1)	24.5	(1.3)	13.2	(1.2)	3.8	(0.6)	0.5	(0.2)	0.0	a
	Azerbaijan	10.5	(1.0)	39.9	(1.6)	37.0	(1.8)	10.7	(1.1)	1.8	(0.5)	0.1	(0.1)	a	a
	Brazil	28.0	(1.0)	33.3	(0.9)	23.6	(0.8)	10.9	(0.8)	3.5	(0.4)	0.7	(0.2)	0.1	(0.1)
	Bulgaria	15.0	(1.5)	23.4	(1.3)	26.3	(1.3)	20.8	(1.2)	10.8	(1.1)	3.1	(0.6)	0.6	(0.3)
	Chile	14.8	(1.0)	27.9	(1.3)	28.9	(0.9)	18.2	(1.1)	8.1	(0.8)	1.9	(0.4)	0.1	(0.1)
	Colombia	30.8	(1.7)	33.1	(1.3)	24.1	(1.4)	9.9	(0.8)	1.9	(0.3)	0.2	(0.1)	a	a
	Croatia	3.2	(0.4)	14.4	(0.8)	29.5	(1.1)	30.1	(1.3)	17.3	(0.9)	4.8	(0.4)	0.7	(0.1)
	Estonia	1.0	(0.2)	6.5	(0.6)	20.2	(0.9)	29.5	(1.2)	27.1	(1.1)	12.9	(0.8)	2.9	(0.3)
	Hong Kong-China	1.5	(0.4)	6.3	(0.6)	16.1	(0.8)	28.2	(0.9)	29.0	(0.8)	15.5	(0.8)	3.4	(0.4)
	Indonesia	20.3	(1.4)	40.5	(2.3)	27.3	(1.5)	10.3	(2.0)	1.5	(0.5)	0.0	a	0.0	a
	Israel	16.3	(1.1)	23.3	(0.8)	24.7	(1.0)	20.1	(0.9)	11.4	(0.8)	3.6	(0.3)	0.6	(0.2)
	Jordan	14.4	(0.8)	24.3	(0.9)	29.1	(0.9)	21.2	(0.8)	8.9	(0.8)	1.8	(0.4)	0.2	(0.1)
	Kyrgyzstan	51.3	(1.6)	31.9	(1.2)	12.7	(0.8)	3.3	(0.4)	0.8	(0.2)	0.1	(0.1)	a	a
	Latvia	4.3	(0.6)	15.0	(0.9)	29.5	(1.1)	30.6	(0.9)	16.0	(0.9)	4.2	(0.4)	0.5	(0.1)
	Liechtenstein	3.3	(1.0)	11.0	(1.9)	22.6	(3.5)	28.9	(4.2)	23.2	(3.2)	9.2	(1.8)	1.8	(0.9)
	Lithuania	4.6	(0.5)	15.0	(0.8)	26.2	(0.9)	28.3	(1.0)	18.6	(0.8)	6.1	(0.6)	1.2	(0.3)
	Macao-China	1.5	(0.3)	8.0	(0.5)	23.4	(0.9)	34.0	(0.9)	24.9	(0.9)	7.5	(0.6)	0.7	(0.2)
	Montenegro	16.0	(0.6)	32.2	(0.8)	31.1	(0.8)	15.6	(0.8)	4.6	(0.5)	0.4	(0.1)	a	a
	Qatar	43.6	(0.6)	32.4	(0.7)	15.8	(0.5)	5.9	(0.4)	1.8	(0.3)	0.5	(0.1)	0.1	(0.0)
	Romania	13.8	(1.5)	30.0	(1.5)	32.5	(1.3)	17.6	(1.2)	5.3	(0.8)	0.8	(0.2)	0.0	(0.0)
	Russian Federation	5.0	(0.6)	15.9	(0.9)	29.6	(0.9)	29.1	(1.1)	15.3	(0.9)	4.5	(0.4)	0.6	(0.1)
	Serbia	11.9	(0.9)	25.2	(1.0)	31.3	(1.0)	21.9	(1.1)	8.1	(0.6)	1.5	(0.2)	0.1	(0.0)
	Slovenia	3.5	(0.3)	10.7	(0.6)	22.0	(1.0)	27.0	(0.9)	21.4	(0.7)	11.5	(0.7)	3.9	(0.4)
	Chinese Taipei	1.7	(0.3)	8.7	(0.7)	17.1	(0.9)	25.4	(0.8)	26.7	(1.0)	16.1	(0.9)	4.2	(0.4)
	Thailand	12.3	(0.9)	34.7	(1.3)	33.8	(1.1)	15.0	(0.9)	3.7	(0.4)	0.4	(0.1)	0.0	(0.0)
	Tunisia	28.3	(1.3)	35.4	(1.0)	25.0	(1.0)	9.0	(0.8)	2.1	(0.5)	0.1	(0.1)	0.0	a
	Uruguay	18.8	(1.1)	26.4	(1.0)	27.9	(1.2)	18.3	(0.8)	6.9	(0.5)	1.5	(0.3)	0.2	(0.1)

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[Part 1/2]

Table 2.3b Percentage of students at each proficiency level on the *explaining phenomena scientifically* scale, by gender

Tableau 2.3b Pourcentage d'élèves à chaque niveau de compétence sur l'échelle d'*explication scientifique de phénomènes*, selon le sexe

		Males – Proficiency levels													
		Below Level 1 (below 334.94 score points)		Level 1 (from 334.94 to 409.54 score points)		Level 2 (from 409.54 to 484.14 score points)		Level 3 (from 484.14 to 558.73 score points)		Level 4 (from 558.73 to 633.33 score points)		Level 5 (from 633.33 to 707.93 score points)		Level 6 (above 707.93 score points)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	3.5	(0.4)	10.4	(0.6)	20.1	(0.7)	26.7	(0.7)	23.5	(0.8)	12.3	(0.8)	3.5	(0.5)
	Austria	3.4	(0.8)	9.6	(1.1)	21.0	(1.2)	26.6	(1.2)	25.2	(1.3)	11.7	(0.9)	2.6	(0.4)
	Belgium	5.5	(1.0)	13.3	(0.9)	20.6	(0.9)	25.7	(1.0)	22.7	(1.2)	10.3	(0.7)	1.9	(0.2)
	Canada	2.6	(0.4)	8.6	(0.6)	17.6	(0.9)	26.5	(0.9)	27.0	(1.0)	13.8	(0.7)	3.9	(0.3)
	Czech Republic	1.8	(0.5)	8.7	(1.0)	20.6	(1.4)	27.7	(1.3)	23.8	(1.4)	13.2	(1.1)	4.2	(0.5)
	Denmark	3.4	(0.6)	12.0	(1.1)	23.4	(1.1)	28.9	(1.2)	21.5	(1.0)	9.1	(1.0)	1.8	(0.4)
	Finland	0.5	(0.2)	3.8	(0.5)	13.4	(0.9)	26.1	(1.3)	30.9	(1.1)	18.6	(1.0)	6.6	(0.6)
	France	7.5	(0.9)	16.0	(1.2)	23.3	(1.2)	26.4	(1.5)	18.8	(1.4)	7.1	(0.8)	0.9	(0.3)
	Germany	3.6	(0.8)	10.1	(0.9)	19.2	(1.1)	26.4	(1.5)	23.7	(1.3)	13.4	(1.1)	3.6	(0.5)
	Greece	7.8	(1.1)	17.1	(1.2)	27.0	(1.2)	26.8	(1.6)	15.9	(1.2)	4.6	(0.6)	0.8	(0.2)
	Hungary	2.4	(0.5)	9.1	(1.4)	21.5	(1.6)	28.3	(1.4)	24.3	(1.3)	11.5	(0.9)	3.0	(0.5)
	Iceland	5.4	(0.6)	14.8	(1.0)	26.2	(1.1)	28.5	(1.2)	18.6	(1.0)	5.9	(0.8)	0.6	(0.3)
	Ireland	4.7	(0.7)	12.1	(1.0)	23.3	(1.3)	27.7	(1.5)	20.0	(1.2)	9.7	(1.0)	2.5	(0.5)
	Italy	7.4	(0.6)	15.5	(0.9)	25.1	(1.0)	26.8	(0.9)	17.6	(0.8)	6.5	(0.5)	1.2	(0.1)
	Japan	3.1	(0.7)	8.3	(1.1)	18.9	(1.2)	26.0	(1.1)	26.8	(1.3)	13.5	(1.2)	3.3	(0.5)
	Korea	3.0	(0.6)	10.4	(1.1)	22.1	(1.2)	30.2	(1.6)	23.9	(1.4)	8.9	(1.0)	1.5	(0.5)
	Luxembourg	6.1	(0.6)	14.9	(1.2)	23.3	(1.3)	27.4	(1.1)	20.3	(1.0)	6.9	(0.6)	1.0	(0.3)
	Mexico	16.9	(1.4)	31.7	(1.0)	30.5	(1.3)	16.0	(1.1)	4.4	(0.5)	0.5	(0.1)	0.0	a
	Netherlands	2.3	(0.4)	9.1	(0.9)	20.0	(1.2)	28.4	(1.8)	25.2	(1.3)	12.5	(0.9)	2.6	(0.4)
	New Zealand	5.0	(0.7)	11.1	(0.9)	19.9	(1.2)	22.9	(1.2)	22.3	(1.1)	13.4	(1.0)	5.4	(0.6)
	Norway	6.7	(1.0)	13.2	(0.8)	23.5	(1.2)	27.7	(1.2)	19.1	(1.2)	8.3	(0.9)	1.5	(0.3)
	Poland	2.9	(0.5)	11.9	(0.8)	24.3	(1.7)	27.9	(1.5)	21.0	(1.0)	9.8	(0.8)	2.3	(0.4)
	Portugal	5.1	(0.8)	17.6	(1.3)	30.0	(1.3)	28.5	(1.5)	15.1	(1.1)	3.5	(0.6)	0.2	(0.1)
	Slovak Republic	3.8	(0.7)	11.3	(0.9)	24.2	(1.4)	28.3	(1.5)	21.0	(1.3)	9.2	(0.9)	2.1	(0.5)
	Spain	5.2	(0.7)	13.3	(0.9)	24.9	(1.0)	28.5	(1.0)	19.2	(0.9)	7.5	(0.6)	1.4	(0.3)
	Sweden	4.1	(0.8)	11.0	(0.9)	21.8	(1.2)	28.5	(1.0)	22.3	(0.9)	9.9	(0.8)	2.3	(0.4)
	Switzerland	4.4	(0.7)	10.8	(0.7)	20.3	(1.1)	28.6	(1.3)	23.7	(1.2)	9.9	(0.8)	2.2	(0.4)
	Turkey	14.3	(1.2)	33.9	(1.9)	29.3	(1.5)	14.4	(1.2)	6.6	(1.3)	1.5	(0.5)	0.1	a
	United Kingdom	4.5	(0.6)	11.3	(0.7)	20.0	(0.8)	23.8	(1.0)	21.4	(1.0)	13.8	(0.7)	5.2	(0.5)
	United States	8.7	(1.1)	16.8	(1.2)	21.9	(1.3)	22.3	(1.2)	18.4	(1.2)	9.6	(0.9)	2.3	(0.4)
	OECD total	7.1	(0.3)	15.9	(0.4)	22.8	(0.4)	24.0	(0.4)	18.9	(0.4)	9.1	(0.3)	2.2	(0.1)
	OECD average	5.2	(0.1)	13.3	(0.2)	22.6	(0.2)	26.3	(0.2)	20.8	(0.2)	9.5	(0.2)	2.3	(0.1)
Partners	Argentina	30.1	(2.5)	27.7	(1.6)	24.4	(1.5)	13.4	(1.5)	3.7	(0.7)	0.6	(0.2)	0.0	a
	Azerbaijan	12.8	(1.2)	40.4	(1.9)	35.1	(2.0)	9.8	(1.2)	1.9	(0.5)	0.1	(0.1)	a	a
	Brazil	24.7	(1.1)	32.0	(1.2)	25.2	(1.2)	12.5	(1.1)	4.4	(0.7)	1.0	(0.3)	0.1	(0.1)
	Bulgaria	16.4	(1.9)	24.3	(1.6)	24.6	(1.8)	19.7	(1.5)	11.1	(1.2)	3.2	(0.7)	0.8	(0.4)
	Chile	11.0	(1.3)	25.2	(1.7)	30.2	(1.3)	20.5	(1.3)	10.3	(1.1)	2.6	(0.6)	0.2	(0.1)
	Colombia	27.7	(2.1)	31.7	(1.5)	25.4	(1.7)	11.9	(1.3)	2.8	(0.5)	0.4	(0.2)	a	a
	Croatia	3.0	(0.5)	13.8	(1.0)	28.2	(1.5)	29.7	(1.6)	18.5	(1.2)	5.8	(0.7)	1.0	(0.2)
	Estonia	1.1	(0.3)	6.4	(0.7)	19.0	(1.3)	29.1	(1.7)	27.4	(1.7)	13.2	(1.0)	3.7	(0.5)
	Hong Kong-China	1.6	(0.5)	5.7	(0.7)	14.4	(1.0)	25.2	(1.1)	29.9	(1.2)	18.0	(1.2)	5.2	(0.7)
	Indonesia	17.1	(1.6)	39.7	(3.2)	28.5	(1.9)	12.7	(3.0)	2.0	(0.8)	0.0	a	0.0	a
	Israel	16.1	(1.7)	22.5	(1.2)	22.5	(1.6)	20.0	(1.5)	13.1	(1.2)	4.9	(0.5)	1.0	(0.3)
	Jordan	18.4	(1.3)	24.9	(1.4)	26.5	(1.1)	19.9	(1.2)	8.3	(1.2)	1.7	(0.6)	0.2	(0.1)
	Kyrgyzstan	51.3	(2.0)	30.5	(1.5)	13.1	(1.1)	3.8	(0.5)	1.1	(0.3)	0.2	(0.1)	a	a
	Latvia	4.1	(0.7)	14.2	(1.4)	28.3	(1.5)	30.5	(1.3)	16.9	(1.3)	5.2	(0.7)	0.7	(0.2)
	Liechtenstein	3.4	(1.8)	9.6	(3.2)	21.4	(4.9)	29.6	(5.4)	23.6	(4.5)	10.7	(2.9)	1.7	(1.2)
	Lithuania	4.3	(0.6)	14.1	(0.9)	26.0	(1.2)	27.9	(1.4)	19.5	(1.1)	6.8	(0.7)	1.4	(0.4)
	Macao-China	1.7	(0.3)	7.6	(0.7)	21.0	(1.0)	32.0	(1.5)	27.2	(1.3)	9.3	(0.9)	1.1	(0.3)
	Montenegro	14.9	(1.1)	31.4	(1.3)	31.2	(1.4)	16.4	(1.0)	5.4	(0.8)	0.6	(0.3)	a	a
	Qatar	52.0	(0.9)	29.0	(1.0)	11.3	(0.8)	4.9	(0.4)	2.0	(0.3)	0.6	(0.2)	0.1	a
	Romania	14.2	(1.6)	28.5	(1.8)	30.5	(1.8)	18.8	(1.8)	6.7	(1.0)	1.2	(0.3)	0.1	(0.1)
	Russian Federation	4.3	(0.8)	14.4	(1.1)	27.7	(1.2)	29.0	(1.2)	17.4	(1.3)	6.3	(0.8)	0.9	(0.2)
	Serbia	11.8	(1.1)	24.9	(1.2)	30.8	(1.2)	21.5	(1.3)	8.9	(0.8)	2.1	(0.4)	0.2	(0.1)
	Slovenia	3.4	(0.4)	10.5	(0.7)	21.2	(1.1)	26.3	(1.1)	21.0	(1.0)	12.7	(0.9)	4.8	(0.6)
	Chinese Taipei	1.5	(0.3)	7.6	(0.7)	15.9	(1.0)	24.4	(1.2)	27.0	(1.1)	18.3	(1.3)	5.3	(0.8)
	Thailand	14.1	(1.3)	34.2	(1.5)	31.2	(1.4)	15.6	(1.2)	4.3	(0.7)	0.5	(0.2)	0.0	a
	Tunisia	27.1	(1.5)	35.1	(1.3)	25.6	(1.4)	9.5	(0.9)	2.5	(0.7)	0.2	(0.1)	a	a
	Uruguay	18.0	(1.6)	25.7	(1.6)	26.7	(2.2)	19.2	(1.2)	7.9	(0.9)	2.1	(0.4)	0.4	(0.2)

StatLink http://dx.doi.org/10.1787/142056138443

Pour consulter la version française intégrale de ce tableau, suivre ce lien :
StatLink http://dx.doi.org/10.1787/152610887346



[Part 2/2]

Table 2.3b Percentage of students at each proficiency level on the *explaining phenomena scientifically* scale, by gender

Tableau 2.3b Pourcentage d'élèves à chaque niveau de compétence sur l'échelle d'*explication scientifique de phénomènes*, selon le sexe

		Females – Proficiency levels													
		Below Level 1 (below 334.94 score points)		Level 1 (from 334.94 to 409.54 score points)		Level 2 (from 409.54 to 484.14 score points)		Level 3 (from 484.14 to 558.73 score points)		Level 4 (from 558.73 to 633.33 score points)		Level 5 (from 633.33 to 707.93 score points)		Level 6 (above 707.93 score points)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	3.5	(0.3)	11.1	(0.6)	23.6	(0.8)	28.7	(0.9)	22.1	(1.0)	9.0	(0.6)	2.0	(0.3)
	Austria	4.8	(1.0)	12.6	(1.2)	21.9	(1.4)	28.6	(1.5)	22.5	(1.3)	8.6	(1.0)	0.9	(0.2)
	Belgium	6.2	(0.8)	13.9	(0.9)	23.5	(1.1)	28.9	(1.1)	20.7	(1.0)	6.3	(0.5)	0.4	(0.2)
	Canada	2.9	(0.4)	9.3	(0.7)	22.1	(0.8)	29.4	(1.0)	23.6	(1.0)	10.4	(0.7)	2.2	(0.3)
	Czech Republic	4.1	(0.8)	12.2	(1.1)	21.3	(1.4)	27.2	(1.2)	22.1	(1.5)	10.5	(1.3)	2.5	(0.4)
	Denmark	4.9	(0.7)	14.9	(1.0)	27.2	(1.3)	28.9	(1.3)	17.4	(1.1)	5.9	(0.8)	0.8	(0.2)
	Finland	0.5	(0.2)	3.2	(0.5)	14.4	(0.9)	30.1	(1.2)	32.0	(1.5)	16.3	(1.1)	3.6	(0.5)
	France	7.9	(0.8)	17.2	(1.2)	27.5	(1.2)	28.2	(1.3)	15.1	(1.0)	3.7	(0.6)	0.3	(0.2)
	Germany	4.2	(0.6)	13.0	(1.2)	22.1	(1.4)	29.0	(1.4)	21.1	(1.3)	8.7	(0.9)	1.8	(0.3)
	Greece	5.5	(0.9)	17.1	(1.3)	30.7	(1.4)	29.8	(1.3)	14.1	(1.0)	2.6	(0.4)	0.2	(0.1)
	Hungary	2.7	(0.5)	11.0	(1.2)	25.9	(1.2)	32.2	(1.6)	20.8	(1.3)	6.2	(0.9)	1.2	(0.3)
	Iceland	4.6	(0.7)	15.3	(1.1)	29.0	(1.3)	30.7	(1.1)	16.2	(1.0)	3.8	(0.5)	0.3	(0.2)
	Ireland	4.4	(0.6)	13.0	(1.0)	25.9	(1.6)	28.3	(1.5)	19.8	(1.0)	7.3	(0.8)	1.2	(0.3)
	Italy	7.7	(0.6)	18.3	(0.8)	28.9	(1.1)	27.0	(0.8)	13.8	(0.8)	3.9	(0.4)	0.4	(0.1)
	Japan	2.5	(0.5)	9.6	(1.1)	22.1	(1.4)	30.9	(1.2)	24.8	(1.4)	8.4	(0.9)	1.6	(0.3)
	Korea	2.5	(0.6)	11.4	(1.0)	26.1	(1.5)	31.6	(1.5)	21.5	(1.1)	6.2	(0.9)	0.8	(0.4)
	Luxembourg	7.5	(0.6)	17.9	(1.1)	29.4	(1.5)	27.9	(1.4)	14.0	(0.9)	3.1	(0.5)	0.2	(0.2)
	Mexico	21.9	(1.3)	34.7	(1.1)	28.8	(1.1)	12.1	(0.7)	2.1	(0.3)	0.3	(0.1)	0.0	a
	Netherlands	3.0	(0.6)	11.9	(1.2)	22.6	(1.3)	28.9	(1.3)	24.5	(1.1)	8.0	(0.6)	1.1	(0.3)
	New Zealand	4.4	(0.6)	11.6	(0.9)	22.0	(1.1)	26.4	(1.5)	21.6	(1.2)	10.9	(1.0)	3.1	(0.6)
	Norway	4.8	(0.7)	14.4	(1.0)	27.4	(1.1)	28.3	(1.4)	18.5	(1.1)	5.8	(0.7)	0.9	(0.3)
	Poland	3.5	(0.5)	14.1	(1.1)	26.9	(1.0)	29.8	(1.1)	18.9	(1.2)	6.0	(0.7)	0.9	(0.3)
	Portugal	6.4	(0.8)	21.3	(1.3)	31.8	(1.2)	27.4	(1.3)	11.3	(0.8)	1.7	(0.3)	0.0	(0.1)
	Slovak Republic	4.6	(0.7)	14.7	(1.2)	28.1	(1.9)	29.1	(1.4)	17.8	(1.1)	5.1	(0.7)	0.6	(0.2)
	Spain	6.1	(0.6)	17.1	(0.8)	27.3	(1.0)	28.0	(0.9)	16.3	(0.8)	4.7	(0.5)	0.5	(0.1)
	Sweden	3.9	(0.6)	12.2	(1.0)	25.1	(1.3)	30.2	(1.2)	20.1	(1.2)	7.3	(0.8)	1.2	(0.3)
	Switzerland	6.0	(0.6)	13.7	(0.8)	23.6	(1.1)	27.3	(1.1)	21.1	(1.0)	7.0	(0.9)	1.4	(0.3)
	Turkey	14.3	(1.3)	32.9	(1.9)	30.4	(1.8)	15.4	(1.2)	5.5	(1.1)	1.3	(0.5)	0.0	a
	United Kingdom	4.7	(0.5)	14.0	(0.9)	23.4	(1.1)	26.5	(0.8)	20.0	(0.7)	9.0	(0.8)	2.4	(0.4)
	United States	8.1	(0.9)	19.2	(1.2)	25.2	(1.0)	24.5	(1.1)	15.4	(1.0)	5.9	(0.7)	1.7	(0.4)
	OECD total	7.6	(0.3)	17.9	(0.5)	25.5	(0.4)	25.5	(0.4)	16.4	(0.3)	5.8	(0.2)	1.2	(0.1)
	OECD average	5.6	(0.1)	15.1	(0.2)	25.5	(0.2)	27.7	(0.2)	18.5	(0.2)	6.5	(0.1)	1.1	(0.1)
Partners	Argentina	29.7	(2.5)	28.4	(1.4)	24.6	(1.7)	13.0	(1.6)	3.8	(0.7)	0.4	(0.3)	a	a
	Azerbaijan	8.1	(1.1)	39.2	(2.0)	39.1	(1.9)	11.7	(1.2)	1.7	(0.5)	0.1	a	a	a
	Brazil	30.8	(1.4)	34.3	(1.2)	22.2	(1.0)	9.5	(0.9)	2.7	(0.5)	0.5	(0.2)	0.0	a
	Bulgaria	13.5	(1.6)	22.5	(1.7)	28.3	(1.4)	21.9	(1.5)	10.5	(1.3)	3.0	(0.6)	0.4	(0.2)
	Chile	19.3	(1.3)	31.1	(1.5)	27.5	(1.2)	15.5	(1.3)	5.4	(0.8)	1.1	(0.4)	0.1	(0.1)
	Colombia	33.4	(2.0)	34.3	(2.1)	23.0	(2.0)	8.2	(1.1)	1.1	(0.3)	0.1	a	a	a
	Croatia	3.4	(0.6)	15.0	(1.2)	30.9	(1.2)	30.4	(1.4)	16.1	(1.2)	3.8	(0.6)	0.4	(0.2)
	Estonia	0.9	(0.2)	6.6	(0.8)	21.4	(1.2)	29.8	(1.6)	26.8	(1.3)	12.6	(1.0)	2.0	(0.4)
	Hong Kong-China	1.4	(0.4)	6.9	(0.7)	17.7	(1.2)	31.1	(1.5)	28.1	(1.1)	13.0	(1.0)	1.7	(0.3)
	Indonesia	23.7	(1.7)	41.4	(2.0)	26.0	(1.5)	7.8	(1.3)	1.0	(0.4)	0.0	a	a	a
	Israel	16.5	(1.6)	24.2	(1.2)	26.9	(1.4)	20.2	(1.6)	9.8	(1.2)	2.3	(0.4)	0.2	(0.1)
	Jordan	10.5	(1.0)	23.7	(1.3)	31.6	(1.2)	22.5	(1.2)	9.5	(0.9)	2.0	(0.5)	0.2	(0.1)
	Kyrgyzstan	51.2	(1.6)	33.1	(1.4)	12.4	(1.0)	2.7	(0.4)	0.6	(0.2)	0.0	a	a	a
	Latvia	4.5	(0.8)	15.8	(1.1)	30.5	(1.3)	30.6	(1.3)	15.0	(0.9)	3.3	(0.4)	0.4	(0.1)
	Liechtenstein	3.2	(1.3)	12.1	(2.6)	23.7	(4.5)	28.3	(4.9)	22.8	(3.6)	8.0	(2.1)	2.0	(1.1)
	Lithuania	4.8	(0.6)	15.9	(1.1)	26.4	(1.1)	28.8	(1.3)	17.7	(1.1)	5.4	(0.8)	0.9	(0.3)
	Macao-China	1.3	(0.3)	8.4	(0.7)	25.9	(1.4)	36.0	(1.4)	22.5	(1.5)	5.6	(0.7)	0.4	(0.2)
	Montenegro	17.2	(1.0)	33.0	(1.1)	31.0	(1.6)	14.7	(1.1)	3.9	(0.6)	0.2	(0.2)	a	a
	Qatar	35.0	(1.1)	35.9	(0.9)	20.3	(0.9)	6.8	(0.6)	1.6	(0.3)	0.3	(0.1)	0.0	a
	Romania	13.5	(2.0)	31.5	(1.9)	34.4	(1.8)	16.4	(1.7)	3.8	(0.9)	0.4	(0.2)	0.0	a
	Russian Federation	5.6	(0.7)	17.2	(1.1)	31.5	(1.2)	29.2	(1.3)	13.3	(1.0)	2.9	(0.4)	0.4	(0.2)
	Serbia	12.0	(1.2)	25.5	(1.3)	31.8	(1.6)	22.4	(1.7)	7.3	(0.9)	1.0	(0.2)	0.0	a
	Slovenia	3.6	(0.5)	10.9	(0.9)	22.8	(1.7)	27.7	(1.4)	21.8	(1.2)	10.2	(1.0)	2.9	(0.5)
	Chinese Taipei	2.0	(0.4)	10.0	(1.1)	18.5	(1.3)	26.5	(1.2)	26.3	(1.5)	13.7	(1.2)	3.1	(0.6)
	Thailand	10.9	(0.9)	35.0	(1.6)	35.8	(1.6)	14.6	(1.1)	3.3	(0.5)	0.4	(0.1)	0.0	(0.0)
	Tunisia	29.4	(1.5)	35.7	(1.4)	24.4	(1.4)	8.7	(1.1)	1.7	(0.6)	0.1	a	0.0	a
	Uruguay	19.6	(1.3)	27.0	(1.3)	29.0	(1.3)	17.4	(0.9)	5.9	(0.6)	1.0	(0.3)	0.1	a

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[Part 1/2]

Table 2.3c Mean score, variation and gender differences in student performance on the *explaining phenomena scientifically* scale

Tableau 2.3c Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle d'*explication scientifique de phénomènes*

		All students				Gender differences					
		Mean score		Standard deviation		Males		Females		Difference (M - F)	
		Mean	S.E.	S.D.	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.
OECD	Australia	520	(2.3)	102	(1.0)	527	(3.1)	513	(2.7)	**13**	(3.6)
	Austria	516	(4.0)	100	(2.1)	526	(4.4)	507	(4.7)	**19**	(4.8)
	Belgium	503	(2.5)	102	(1.9)	510	(3.4)	494	(3.1)	**16**	(4.1)
	Canada	531	(2.1)	100	(1.2)	539	(2.6)	522	(2.3)	**17**	(2.5)
	Czech Republic	527	(3.5)	102	(1.8)	537	(4.3)	516	(4.6)	**21**	(5.7)
	Denmark	501	(3.3)	96	(1.4)	512	(3.8)	491	(3.7)	**21**	(3.4)
	Finland	566	(2.0)	88	(1.1)	571	(2.5)	562	(2.5)	**9**	(3.0)
	France	481	(3.2)	100	(1.8)	489	(4.2)	474	(3.4)	**15**	(4.1)
	Germany	519	(3.7)	103	(2.0)	529	(4.5)	508	(3.7)	**21**	(3.7)
	Greece	476	(3.0)	93	(1.9)	478	(4.3)	475	(3.0)	3	(4.2)
	Hungary	518	(2.6)	94	(1.5)	529	(3.2)	507	(3.6)	**22**	(4.4)
	Iceland	488	(1.5)	92	(1.2)	491	(2.6)	485	(2.1)	6	(3.7)
	Ireland	505	(3.2)	100	(1.6)	510	(4.4)	501	(3.5)	**9**	(4.6)
	Italy	480	(2.0)	100	(1.3)	487	(2.8)	472	(2.5)	**15**	(3.4)
	Japan	527	(3.1)	97	(1.8)	535	(4.6)	519	(4.4)	**16**	(6.6)
	Korea	512	(3.3)	91	(2.3)	517	(4.8)	506	(4.0)	11	(5.7)
	Luxembourg	483	(1.1)	97	(0.9)	495	(1.8)	471	(2.0)	**25**	(3.0)
	Mexico	406	(2.7)	83	(1.6)	415	(3.3)	398	(2.6)	**18**	(2.3)
	Netherlands	522	(2.7)	95	(1.7)	531	(3.1)	512	(3.1)	**18**	(3.0)
	New Zealand	522	(2.8)	111	(1.5)	528	(4.0)	517	(3.6)	**11**	(5.2)
	Norway	495	(3.0)	101	(1.7)	498	(3.9)	492	(3.2)	6	(3.9)
	Poland	506	(2.5)	95	(1.2)	514	(2.9)	498	(2.8)	**17**	(2.7)
	Portugal	469	(2.9)	87	(1.7)	477	(3.6)	462	(3.0)	**16**	(3.2)
	Slovak Republic	501	(2.7)	97	(1.9)	512	(4.0)	490	(3.0)	**22**	(4.7)
	Spain	490	(2.4)	98	(1.0)	499	(2.8)	481	(2.7)	**18**	(2.6)
	Sweden	510	(2.9)	99	(1.8)	516	(3.0)	504	(3.5)	**12**	(3.1)
	Switzerland	508	(3.3)	102	(1.8)	517	(3.4)	498	(3.9)	**18**	(2.8)
	Turkey	423	(4.1)	86	(3.5)	423	(4.7)	423	(4.5)	1	(4.1)
	United Kingdom	517	(2.3)	110	(1.4)	527	(3.0)	506	(2.7)	**21**	(3.5)
	United States	486	(4.3)	110	(1.5)	492	(5.3)	480	(4.0)	**13**	(3.6)
	OECD total	489	(1.2)	107	(0.6)	497	(1.4)	481	(1.3)	**15**	(1.2)
	OECD average	500	(0.5)	98	(0.3)	508	(0.7)	493	(0.6)	**15**	(0.7)
Partners	Argentina	386	(6.0)	104	(2.8)	387	(6.4)	386	(7.0)	0	(5.8)
	Azerbaijan	412	(3.0)	63	(2.0)	408	(3.3)	417	(3.0)	**-9**	(1.9)
	Brazil	390	(2.7)	91	(2.0)	400	(3.0)	382	(2.9)	**19**	(2.4)
	Bulgaria	444	(5.8)	105	(3.4)	442	(6.5)	447	(6.5)	-5	(5.8)
	Chile	432	(4.1)	94	(1.8)	448	(5.1)	414	(4.1)	**34**	(4.6)
	Colombia	379	(3.4)	90	(1.6)	388	(4.3)	371	(4.3)	**18**	(4.8)
	Croatia	492	(2.5)	87	(1.4)	498	(3.2)	487	(3.3)	**11**	(4.1)
	Estonia	541	(2.6)	91	(1.3)	544	(3.2)	537	(3.0)	6	(3.3)
	Hong Kong-China	549	(2.5)	94	(2.1)	560	(3.5)	539	(3.3)	**21**	(4.6)
	Indonesia	395	(5.1)	72	(2.9)	403	(7.0)	386	(3.8)	**17**	(5.7)
	Israel	443	(3.6)	109	(2.0)	451	(5.4)	436	(4.0)	**16**	(6.4)
	Jordan	438	(3.1)	98	(1.9)	427	(4.6)	448	(4.1)	**-21**	(6.0)
	Kyrgyzstan	334	(3.1)	85	(1.8)	335	(3.9)	333	(2.9)	2	(3.0)
	Latvia	486	(2.9)	88	(1.3)	491	(3.6)	481	(3.2)	**10**	(3.3)
	Liechtenstein	516	(4.1)	97	(3.0)	519	(7.5)	513	(6.4)	6	(11.1)
	Lithuania	494	(3.0)	96	(1.8)	499	(3.3)	490	(3.4)	**9**	(3.1)
	Macao-China	520	(1.2)	83	(1.2)	527	(2.0)	513	(1.6)	**14**	(2.7)
	Montenegro	417	(1.1)	82	(0.9)	421	(1.8)	412	(1.7)	**9**	(2.7)
	Qatar	356	(1.0)	88	(0.9)	342	(1.4)	371	(1.6)	**-29**	(2.3)
	Romania	426	(4.0)	83	(2.4)	431	(4.3)	421	(4.5)	**10**	(3.6)
	Russian Federation	483	(3.4)	90	(1.3)	493	(4.0)	474	(3.4)	**19**	(2.6)
	Serbia	441	(3.1)	90	(1.6)	444	(3.7)	438	(3.8)	6	(4.1)
	Slovenia	523	(1.5)	105	(1.1)	528	(2.3)	518	(2.2)	**10**	(3.3)
	Chinese Taipei	545	(3.7)	101	(1.7)	554	(4.3)	535	(5.3)	**19**	(6.1)
	Thailand	420	(2.1)	75	(1.3)	418	(3.4)	421	(2.2)	-3	(3.6)
	Tunisia	383	(2.9)	83	(2.4)	386	(3.1)	381	(3.5)	5	(3.1)
	Uruguay	423	(2.9)	99	(1.8)	429	(4.0)	418	(3.1)	**11**	(4.0)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

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[Part 2/2]

Table 2.3c Mean score, variation and gender differences in student performance on the *explaining phenomena scientifically* scale

Tableau 2.3c Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle d'*explication scientifique de phénomènes*

		Percentiles											
		5th		10th		25th		75th		90th		95th	
		Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
OECD	Australia	351	(3.2)	388	(3.0)	450	(2.7)	592	(2.8)	650	(3.1)	683	(3.1)
	Austria	343	(7.5)	382	(7.3)	447	(4.9)	590	(4.0)	642	(3.5)	672	(3.9)
	Belgium	328	(6.5)	365	(5.8)	432	(4.0)	578	(2.3)	632	(2.4)	661	(2.5)
	Canada	362	(4.4)	400	(3.4)	464	(2.8)	601	(2.5)	657	(2.4)	689	(2.6)
	Czech Republic	360	(6.3)	395	(5.1)	456	(4.5)	598	(3.8)	659	(4.6)	694	(4.7)
	Denmark	342	(5.1)	376	(5.0)	435	(4.0)	568	(3.6)	627	(3.8)	658	(4.2)
	Finland	420	(4.8)	452	(3.3)	506	(2.6)	626	(2.5)	679	(2.8)	709	(4.0)
	France	313	(5.6)	349	(5.5)	412	(4.7)	552	(3.3)	609	(3.9)	640	(3.6)
	Germany	345	(6.8)	381	(6.2)	448	(5.5)	592	(3.8)	651	(3.6)	684	(4.6)
	Greece	321	(6.5)	356	(5.4)	413	(4.1)	541	(3.6)	596	(3.5)	626	(4.2)
	Hungary	365	(3.8)	398	(4.0)	453	(3.2)	583	(3.4)	639	(4.3)	674	(5.5)
	Iceland	335	(4.3)	369	(3.3)	425	(2.3)	553	(2.4)	606	(2.9)	636	(4.3)
	Ireland	340	(6.1)	377	(5.0)	436	(4.1)	575	(3.9)	635	(3.9)	668	(4.4)
	Italy	315	(3.7)	350	(3.2)	411	(2.8)	548	(2.6)	608	(2.6)	642	(2.6)
	Japan	362	(6.5)	399	(5.3)	462	(4.2)	595	(2.9)	649	(3.6)	680	(3.9)
	Korea	359	(6.3)	392	(5.0)	450	(3.9)	576	(4.1)	627	(5.1)	656	(5.9)
	Luxembourg	321	(2.9)	357	(2.5)	416	(2.2)	552	(1.8)	608	(2.4)	639	(4.2)
	Mexico	274	(4.8)	301	(3.7)	349	(3.2)	462	(2.9)	514	(3.5)	545	(4.1)
	Netherlands	360	(5.3)	394	(5.6)	455	(4.7)	589	(2.7)	643	(3.3)	673	(3.5)
	New Zealand	339	(5.9)	378	(4.3)	445	(3.6)	601	(3.2)	664	(3.1)	700	(4.1)
	Norway	327	(8.2)	366	(5.1)	427	(3.6)	565	(3.2)	624	(3.3)	656	(4.0)
	Poland	353	(4.4)	384	(3.8)	438	(2.8)	572	(3.3)	630	(3.2)	664	(3.8)
	Portugal	329	(4.7)	357	(4.5)	409	(3.8)	530	(2.7)	581	(2.9)	610	(3.7)
	Slovak Republic	342	(4.5)	377	(5.5)	435	(3.0)	568	(3.6)	626	(3.8)	660	(5.1)
	Spain	329	(4.0)	364	(3.2)	423	(2.7)	558	(3.1)	616	(2.6)	649	(2.9)
	Sweden	346	(7.2)	382	(5.6)	443	(3.6)	578	(3.3)	636	(3.6)	669	(3.4)
	Switzerland	333	(5.3)	373	(4.6)	438	(4.1)	580	(3.4)	635	(4.8)	667	(4.7)
	Turkey	297	(3.8)	321	(2.9)	363	(2.7)	475	(6.5)	542	(11.2)	584	(12.5)
	United Kingdom	340	(4.5)	375	(3.4)	439	(3.0)	594	(2.9)	660	(3.4)	696	(3.9)
	United States	311	(5.5)	345	(5.2)	404	(5.5)	565	(4.8)	632	(4.6)	670	(6.0)
	OECD total	317	(2.0)	351	(1.6)	412	(1.6)	565	(1.3)	629	(1.5)	664	(2.2)
	OECD average	339	(1.0)	373	(0.9)	433	(0.7)	569	(0.6)	626	(0.7)	658	(0.9)
Partners	Argentina	207	(12.8)	252	(8.4)	320	(6.3)	459	(6.6)	516	(5.5)	552	(6.9)
	Azerbaijan	314	(2.8)	334	(2.9)	368	(2.9)	452	(3.6)	494	(5.3)	523	(8.1)
	Brazil	252	(4.5)	280	(3.1)	328	(2.5)	447	(4.2)	512	(5.4)	551	(6.5)
	Bulgaria	276	(9.4)	312	(6.1)	370	(5.6)	516	(6.9)	583	(8.0)	618	(8.8)
	Chile	284	(4.3)	314	(4.0)	366	(4.0)	495	(5.7)	560	(6.1)	597	(6.7)
	Colombia	230	(5.8)	264	(5.2)	319	(4.5)	439	(4.5)	495	(4.6)	528	(4.1)
	Croatia	351	(4.1)	380	(3.8)	432	(3.5)	552	(3.3)	606	(3.8)	638	(4.1)
	Estonia	393	(5.1)	422	(3.1)	477	(3.2)	604	(3.2)	658	(3.5)	688	(3.7)
	Hong Kong-China	387	(7.0)	423	(5.0)	488	(3.4)	615	(2.7)	667	(3.3)	695	(3.9)
	Indonesia	284	(4.1)	307	(4.1)	345	(3.2)	440	(7.7)	492	(9.9)	521	(9.5)
	Israel	269	(6.0)	304	(5.6)	366	(4.2)	520	(4.7)	587	(4.2)	625	(4.2)
	Jordan	278	(4.9)	314	(3.7)	371	(3.5)	505	(4.1)	563	(5.3)	597	(5.9)
	Kyrgyzstan	199	(5.2)	228	(4.2)	279	(3.3)	386	(3.4)	438	(5.0)	475	(5.5)
	Latvia	340	(4.8)	373	(3.8)	427	(3.6)	546	(4.0)	599	(3.7)	631	(4.1)
	Liechtenstein	357	(10.1)	390	(10.5)	450	(7.3)	586	(7.2)	640	(8.7)	670	(12.2)
	Lithuania	338	(4.3)	370	(4.1)	428	(3.5)	561	(3.8)	617	(5.1)	651	(6.3)
	Macao-China	381	(4.3)	413	(3.1)	464	(2.0)	578	(2.3)	626	(2.5)	652	(2.8)
	Montenegro	289	(2.3)	314	(2.2)	359	(2.0)	471	(1.8)	526	(2.7)	559	(4.6)
	Qatar	226	(2.5)	252	(1.8)	296	(2.2)	406	(1.8)	472	(2.5)	515	(2.5)
	Romania	297	(5.7)	321	(5.3)	367	(6.0)	481	(4.8)	535	(7.2)	567	(7.2)
	Russian Federation	335	(5.1)	367	(4.3)	422	(4.5)	544	(3.8)	600	(4.2)	634	(4.3)
	Serbia	295	(5.6)	326	(4.7)	380	(3.6)	502	(3.9)	557	(3.8)	589	(4.2)
	Slovenia	353	(4.7)	388	(3.9)	449	(2.0)	595	(2.6)	661	(3.3)	698	(5.4)
	Chinese Taipei	373	(4.5)	407	(5.0)	474	(5.7)	619	(3.9)	673	(3.4)	702	(3.4)
	Thailand	304	(3.8)	327	(2.7)	368	(2.5)	468	(2.7)	519	(4.0)	551	(4.2)
	Tunisia	253	(3.4)	281	(3.0)	327	(3.1)	437	(3.8)	491	(6.8)	526	(9.5)
	Uruguay	260	(7.0)	295	(4.9)	357	(4.2)	490	(3.3)	550	(3.8)	586	(5.4)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

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[Part 1/1]

Table 2.4a Percentage of students at each proficiency level on the *using scientific evidence* scale

Tableau 2.4a Pourcentage d'élèves à chaque niveau de compétence sur l'échelle d'*utilisation de faits scientifiques*

		Proficiency levels													
		Below Level 1 (below 334.94 score points)		Level 1 (from 334.94 to 409.54 score points)		Level 2 (from 409.54 to 484.14 score points)		Level 3 (from 484.14 to 558.73 score points)		Level 4 (from 558.73 to 633.33 score points)		Level 5 (from 633.33 to 707.93 score points)		Level 6 (above 707.93 score points)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	3.9	(0.3)	9.4	(0.5)	18.8	(0.6)	26.2	(0.6)	24.4	(0.6)	13.3	(0.5)	3.9	(0.4)
	Austria	8.1	(1.2)	12.5	(1.1)	20.4	(1.0)	24.0	(0.9)	21.8	(0.9)	10.6	(0.8)	2.4	(0.4)
	Belgium	7.1	(0.8)	10.8	(0.6)	18.1	(0.7)	24.6	(0.8)	24.7	(0.7)	12.6	(0.6)	2.1	(0.3)
	Canada	2.5	(0.3)	7.7	(0.5)	17.2	(0.7)	27.0	(0.8)	27.9	(0.7)	14.2	(0.6)	3.6	(0.3)
	Czech Republic	7.5	(0.9)	13.6	(0.9)	22.3	(1.1)	24.9	(1.1)	19.7	(0.9)	9.3	(0.8)	2.8	(0.4)
	Denmark	7.8	(0.7)	15.4	(0.7)	23.9	(0.9)	26.2	(1.0)	18.2	(0.8)	7.1	(0.6)	1.4	(0.3)
	Finland	1.0	(0.2)	4.4	(0.4)	13.9	(0.7)	26.0	(0.7)	29.6	(0.8)	18.3	(0.7)	6.7	(0.5)
	France	7.2	(0.8)	12.6	(0.8)	19.5	(1.0)	23.5	(1.0)	22.7	(1.0)	12.0	(0.8)	2.6	(0.5)
	Germany	6.7	(1.0)	11.5	(0.9)	18.9	(0.8)	25.4	(0.9)	22.7	(1.0)	11.5	(0.8)	3.3	(0.4)
	Greece	11.3	(1.1)	16.7	(0.9)	26.3	(1.1)	27.1	(1.1)	14.0	(0.9)	4.0	(0.5)	0.5	(0.1)
	Hungary	6.0	(0.7)	13.8	(0.9)	24.3	(1.1)	28.0	(1.1)	18.8	(0.9)	7.7	(0.7)	1.4	(0.2)
	Iceland	8.6	(0.6)	15.0	(0.7)	22.4	(0.8)	25.6	(1.0)	18.7	(0.7)	7.8	(0.6)	1.9	(0.3)
	Ireland	5.4	(0.6)	12.5	(0.7)	22.6	(0.8)	27.6	(1.0)	21.5	(1.1)	8.8	(0.7)	1.6	(0.3)
	Italy	11.9	(0.6)	17.7	(0.7)	25.0	(0.6)	24.6	(0.6)	14.9	(0.6)	5.2	(0.4)	0.8	(0.1)
	Japan	4.6	(0.6)	8.7	(0.7)	15.5	(0.8)	22.8	(0.8)	25.4	(1.0)	16.7	(0.9)	6.2	(0.5)
	Korea	3.1	(0.6)	8.0	(0.8)	17.1	(0.7)	27.3	(1.2)	26.7	(1.0)	14.4	(1.0)	3.4	(0.5)
	Luxembourg	9.2	(0.4)	14.4	(0.7)	21.7	(0.7)	25.4	(0.6)	19.0	(0.7)	8.4	(0.6)	1.8	(0.3)
	Mexico	23.7	(1.3)	29.1	(0.9)	27.5	(0.9)	15.2	(0.7)	4.0	(0.4)	0.5	(0.1)	0.0	(0.0)
	Netherlands	3.8	(0.6)	12.1	(1.0)	19.5	(0.8)	23.9	(1.2)	23.9	(1.4)	13.7	(1.0)	3.2	(0.3)
	New Zealand	5.4	(0.6)	10.0	(0.7)	17.7	(0.7)	22.0	(0.8)	22.5	(0.8)	15.5	(0.8)	6.9	(0.5)
	Norway	10.2	(0.9)	18.4	(0.9)	25.5	(1.0)	23.8	(1.2)	15.5	(0.9)	5.5	(0.5)	1.2	(0.2)
	Poland	5.6	(0.6)	14.9	(0.8)	25.5	(0.7)	27.7	(0.9)	18.8	(0.9)	6.6	(0.6)	1.0	(0.3)
	Portugal	9.7	(0.9)	17.8	(0.9)	25.5	(1.0)	25.7	(1.1)	16.2	(0.9)	4.6	(0.4)	0.5	(0.2)
	Slovak Republic	9.8	(0.9)	16.1	(1.1)	25.3	(1.2)	25.2	(1.0)	16.7	(0.9)	6.0	(0.6)	0.9	(0.2)
	Spain	7.2	(0.5)	15.3	(0.7)	25.5	(0.6)	28.0	(0.6)	18.0	(0.7)	5.2	(0.4)	0.7	(0.1)
	Sweden	6.7	(0.6)	14.1	(0.8)	23.3	(1.1)	27.1	(0.8)	19.5	(0.8)	7.7	(0.5)	1.6	(0.2)
	Switzerland	5.9	(0.6)	11.0	(0.5)	19.2	(0.8)	25.7	(0.7)	23.3	(0.8)	11.4	(0.6)	3.4	(0.4)
	Turkey	19.1	(1.1)	30.3	(1.4)	27.0	(1.3)	15.2	(1.0)	6.8	(1.0)	1.6	(0.5)	0.1	(0.1)
	United Kingdom	6.8	(0.5)	12.5	(0.6)	20.1	(0.6)	23.8	(0.8)	21.1	(0.8)	11.7	(0.5)	4.0	(0.4)
	United States	10.0	(1.5)	16.1	(0.8)	22.1	(1.1)	22.8	(0.9)	17.8	(0.8)	8.7	(0.8)	2.5	(0.4)
	OECD total	9.5	(0.4)	15.6	(0.3)	21.7	(0.3)	23.1	(0.3)	18.5	(0.3)	9.1	(0.2)	2.5	(0.1)
	OECD average	7.9	(0.1)	14.1	(0.1)	21.7	(0.2)	24.7	(0.2)	19.8	(0.2)	9.4	(0.1)	2.4	(0.1)
Partners	Argentina	31.9	(2.4)	24.6	(1.2)	23.4	(1.2)	13.8	(1.1)	5.4	(0.7)	0.9	(0.3)	0.1	(0.1)
	Azerbaijan	48.0	(2.1)	33.2	(1.3)	13.9	(1.2)	4.1	(0.8)	0.7	(0.2)	0.0	(0.0)	a	a
	Brazil	35.0	(1.3)	28.3	(1.1)	20.9	(0.9)	11.0	(0.8)	4.0	(0.4)	0.8	(0.3)	0.1	(0.1)
	Bulgaria	27.7	(2.3)	20.7	(1.2)	21.0	(1.2)	16.6	(1.2)	9.9	(1.0)	3.2	(0.7)	0.9	(0.3)
	Chile	16.0	(1.3)	23.9	(1.3)	26.9	(1.2)	20.0	(1.3)	10.0	(0.9)	2.8	(0.5)	0.3	(0.1)
	Colombia	29.0	(2.0)	32.0	(1.4)	26.0	(1.4)	10.5	(0.9)	2.3	(0.3)	0.2	(0.1)	0.0	a
	Croatia	5.2	(0.6)	15.1	(0.8)	26.8	(1.0)	28.4	(1.0)	17.8	(0.9)	5.8	(0.5)	0.9	(0.2)
	Estonia	1.9	(0.3)	8.2	(0.6)	20.3	(0.8)	30.7	(1.2)	25.2	(1.2)	11.6	(0.7)	2.2	(0.3)
	Hong Kong-China	2.7	(0.4)	7.6	(0.7)	16.1	(0.7)	26.8	(1.0)	28.9	(0.9)	14.9	(0.8)	3.0	(0.3)
	Indonesia	28.1	(2.6)	35.0	(1.7)	24.2	(1.5)	10.2	(1.9)	2.4	(1.0)	0.1	(0.1)	a	a
	Israel	18.3	(1.3)	18.0	(0.9)	20.3	(0.8)	18.5	(0.8)	14.6	(0.9)	7.7	(0.6)	2.6	(0.3)
	Jordan	23.6	(1.2)	27.3	(1.2)	27.4	(1.2)	15.7	(0.9)	5.1	(0.6)	0.8	(0.3)	0.0	a
	Kyrgyzstan	69.8	(1.3)	18.1	(0.8)	7.8	(0.6)	3.0	(0.5)	1.1	(0.3)	0.1	(0.1)	0.0	a
	Latvia	5.2	(0.7)	14.1	(0.9)	26.2	(1.0)	30.9	(1.0)	18.3	(1.0)	5.0	(0.5)	0.4	(0.1)
	Liechtenstein	3.9	(1.1)	9.7	(1.8)	19.4	(3.0)	24.3	(2.4)	22.0	(2.7)	15.4	(2.0)	5.3	(1.4)
	Lithuania	6.7	(0.6)	15.8	(0.9)	25.3	(0.9)	28.0	(0.9)	18.0	(0.9)	5.6	(0.6)	0.8	(0.2)
	Macao-China	2.4	(0.3)	9.4	(0.5)	24.8	(0.8)	33.5	(0.9)	23.0	(1.0)	6.4	(0.5)	0.5	(0.2)
	Montenegro	22.8	(0.6)	29.5	(0.9)	27.2	(0.8)	14.9	(0.7)	4.9	(0.5)	0.7	(0.2)	0.0	a
	Qatar	59.3	(0.6)	22.4	(0.6)	10.8	(0.6)	4.8	(0.3)	1.9	(0.2)	0.6	(0.1)	0.1	(0.1)
	Romania	25.1	(2.4)	25.5	(1.4)	25.7	(1.8)	16.6	(1.8)	5.8	(0.8)	1.2	(0.3)	0.1	(0.1)
	Russian Federation	7.7	(0.8)	16.4	(0.9)	27.2	(1.0)	26.3	(0.8)	15.9	(1.0)	5.4	(0.5)	1.1	(0.2)
	Serbia	18.7	(1.2)	25.4	(1.0)	27.4	(1.1)	19.4	(1.2)	7.5	(0.7)	1.4	(0.3)	0.1	(0.1)
	Slovenia	3.5	(0.3)	11.6	(0.5)	22.7	(0.7)	27.5	(0.7)	22.3	(0.7)	10.2	(0.5)	2.2	(0.4)
	Chinese Taipei	3.1	(0.5)	9.9	(0.8)	17.5	(0.8)	26.6	(0.9)	27.1	(1.1)	13.5	(0.7)	2.3	(0.3)
	Thailand	16.3	(0.9)	29.2	(1.0)	29.9	(0.9)	16.8	(0.7)	6.4	(0.7)	1.1	(0.2)	0.1	(0.1)
	Tunisia	31.7	(1.4)	29.8	(1.1)	24.0	(1.1)	11.2	(0.8)	3.0	(0.6)	0.3	(0.1)	0.0	a
	Uruguay	19.8	(1.1)	22.3	(1.0)	26.3	(0.9)	20.1	(0.9)	9.1	(0.6)	2.1	(0.4)	0.3	(0.1)

StatLink http://dx.doi.org/10.1787/142056138443

Pour consulter la version française intégrale de ce tableau, suivre ce lien :
StatLink http://dx.doi.org/10.1787/152610887346



[Part 1/2]

Table 2.4b Percentage of students at each proficiency level on the *using scientific evidence* scale, by gender

Tableau 2.4b Pourcentage d'élèves à chaque niveau de compétence sur l'échelle d'*utilisation de faits scientifiques*, selon le sexe

		Males – Proficiency levels													
		Below Level 1 (below 334.94 score points)		Level 1 (from 334.94 to 409.54 score points)		Level 2 (from 409.54 to 484.14 score points)		Level 3 (from 484.14 to 558.73 score points)		Level 4 (from 558.73 to 633.33 score points)		Level 5 (from 633.33 to 707.93 score points)		Level 6 (above 707.93 score points)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	4.5	(0.5)	10.0	(0.8)	18.7	(0.9)	24.8	(0.9)	24.3	(0.7)	13.4	(0.7)	4.3	(0.6)
	Austria	7.1	(0.9)	12.5	(1.2)	21.6	(1.4)	23.0	(1.2)	21.5	(1.1)	11.4	(1.0)	2.9	(0.5)
	Belgium	8.0	(1.0)	11.7	(0.9)	18.4	(1.1)	23.6	(0.9)	23.6	(0.9)	12.3	(0.7)	2.4	(0.3)
	Canada	2.9	(0.4)	8.2	(0.7)	16.6	(1.0)	26.2	(1.2)	27.6	(1.0)	14.5	(0.7)	4.0	(0.5)
	Czech Republic	6.7	(0.8)	14.0	(1.2)	23.4	(1.6)	24.7	(1.4)	19.0	(1.2)	9.2	(0.9)	3.0	(0.5)
	Denmark	8.1	(0.9)	15.3	(1.3)	23.4	(1.4)	25.3	(1.1)	18.9	(1.0)	7.4	(0.8)	1.6	(0.4)
	Finland	1.2	(0.3)	5.3	(0.6)	15.0	(1.0)	25.4	(1.1)	28.2	(1.0)	17.8	(1.0)	7.1	(0.7)
	France	8.3	(1.1)	13.1	(1.1)	19.2	(1.2)	22.1	(1.4)	21.5	(1.1)	12.6	(1.2)	3.2	(0.6)
	Germany	7.0	(1.1)	11.1	(1.0)	19.1	(1.3)	24.0	(1.3)	22.4	(1.2)	12.5	(1.0)	3.8	(0.5)
	Greece	14.4	(1.7)	18.4	(1.1)	24.9	(1.4)	23.8	(1.4)	13.5	(1.1)	4.2	(0.6)	0.7	(0.2)
	Hungary	6.9	(1.0)	14.2	(1.0)	23.6	(1.4)	26.2	(1.4)	19.1	(1.2)	8.3	(1.1)	1.7	(0.4)
	Iceland	10.0	(0.8)	15.3	(1.1)	22.2	(1.1)	24.4	(1.1)	18.2	(1.0)	7.9	(0.8)	2.1	(0.4)
	Ireland	6.6	(0.8)	13.3	(1.2)	22.0	(1.2)	26.7	(1.0)	20.6	(1.2)	9.1	(0.8)	1.7	(0.5)
	Italy	13.2	(0.9)	16.9	(0.8)	24.3	(0.8)	24.1	(0.9)	15.2	(0.8)	5.5	(0.4)	0.9	(0.1)
	Japan	5.0	(0.8)	9.3	(1.0)	15.5	(1.2)	22.1	(1.1)	24.3	(1.4)	17.0	(1.2)	6.8	(0.7)
	Korea	4.2	(0.8)	8.5	(0.9)	17.4	(1.0)	26.0	(1.5)	26.1	(1.3)	14.3	(1.4)	3.5	(0.7)
	Luxembourg	10.3	(0.6)	14.0	(1.0)	20.4	(1.1)	24.7	(0.9)	19.0	(0.9)	9.5	(0.6)	2.2	(0.4)
	Mexico	23.8	(1.6)	28.3	(1.1)	27.4	(1.1)	15.6	(0.9)	4.4	(0.4)	0.6	(0.2)	0.0	(0.0)
	Netherlands	3.5	(0.7)	12.0	(1.4)	19.7	(1.2)	24.5	(1.6)	22.8	(1.5)	13.8	(0.9)	3.7	(0.4)
	New Zealand	6.6	(1.0)	10.9	(1.1)	17.8	(1.0)	21.1	(1.1)	21.7	(1.0)	14.8	(1.1)	7.1	(0.8)
	Norway	11.9	(1.2)	18.3	(1.2)	25.0	(1.2)	22.3	(1.5)	15.1	(1.1)	6.1	(0.7)	1.2	(0.3)
	Poland	6.7	(0.8)	15.3	(1.0)	25.0	(1.0)	26.2	(1.1)	18.5	(1.2)	7.2	(0.8)	1.2	(0.4)
	Portugal	10.3	(1.2)	17.6	(1.2)	25.3	(1.4)	24.6	(1.4)	15.9	(1.2)	5.6	(0.8)	0.7	(0.3)
	Slovak Republic	10.6	(1.2)	16.3	(1.5)	24.5	(1.5)	24.2	(1.3)	16.4	(1.2)	6.8	(0.8)	1.2	(0.4)
	Spain	8.1	(0.7)	15.1	(0.8)	25.1	(0.9)	27.1	(0.9)	17.8	(0.8)	6.0	(0.6)	0.9	(0.2)
	Sweden	7.8	(0.9)	14.3	(1.0)	22.6	(1.3)	26.6	(1.0)	19.1	(1.0)	7.8	(0.7)	1.7	(0.5)
	Switzerland	6.1	(0.8)	10.7	(0.8)	18.8	(1.0)	26.1	(0.9)	23.3	(1.0)	11.6	(0.7)	3.6	(0.5)
	Turkey	22.1	(1.6)	31.2	(1.6)	24.6	(1.7)	13.9	(1.1)	6.5	(1.1)	1.6	(0.6)	0.1	(0.1)
	United Kingdom	7.4	(0.8)	12.0	(0.8)	19.1	(0.8)	22.9	(1.1)	20.9	(1.1)	13.1	(0.7)	4.7	(0.6)
	United States	11.5	(1.8)	16.5	(1.0)	20.8	(1.3)	21.7	(1.1)	17.8	(1.1)	9.2	(0.9)	2.6	(0.4)
	OECD total	10.5	(0.5)	15.8	(0.3)	21.0	(0.4)	22.1	(0.4)	18.2	(0.3)	9.5	(0.3)	2.8	(0.2)
	OECD average	8.7	(0.2)	14.3	(0.2)	21.4	(0.2)	23.8	(0.2)	19.4	(0.2)	9.7	(0.2)	2.7	(0.1)
Partners	Argentina	35.6	(2.7)	24.8	(1.4)	22.5	(1.5)	11.9	(1.3)	4.4	(0.8)	0.7	(0.3)	0.1	(0.1)
	Azerbaijan	50.1	(2.4)	31.3	(1.6)	13.6	(1.3)	4.1	(0.8)	0.8	(0.2)	0.0	(0.0)	a	a
	Brazil	34.4	(1.6)	27.5	(1.5)	21.5	(1.1)	10.8	(0.9)	4.6	(0.6)	1.0	(0.3)	0.1	a
	Bulgaria	31.9	(2.7)	21.6	(1.6)	19.1	(1.3)	14.8	(1.3)	8.8	(1.0)	2.8	(0.7)	1.1	(0.4)
	Chile	14.2	(1.5)	22.7	(1.4)	27.3	(1.5)	20.7	(1.3)	11.3	(1.2)	3.4	(0.7)	0.4	(0.2)
	Colombia	29.1	(2.5)	31.1	(1.9)	25.6	(1.7)	11.3	(1.3)	2.7	(0.5)	0.2	(0.1)	0.0	a
	Croatia	6.0	(0.9)	16.1	(1.1)	26.5	(1.3)	26.8	(1.3)	17.6	(1.2)	6.0	(0.7)	1.0	(0.2)
	Estonia	2.4	(0.4)	9.5	(1.0)	20.0	(1.3)	29.5	(1.7)	24.5	(1.7)	11.6	(0.8)	2.6	(0.4)
	Hong Kong-China	3.2	(0.6)	8.1	(0.9)	15.1	(1.0)	25.3	(1.5)	29.1	(1.4)	15.8	(1.1)	3.4	(0.5)
	Indonesia	28.2	(3.3)	33.7	(2.2)	23.7	(1.8)	11.3	(2.7)	3.0	(1.6)	0.1	(0.1)	a	a
	Israel	20.6	(1.9)	18.4	(1.5)	18.5	(1.1)	17.0	(1.0)	14.0	(1.1)	8.2	(0.9)	3.3	(0.5)
	Jordan	30.9	(1.8)	27.3	(1.4)	24.0	(1.4)	12.8	(1.3)	4.3	(0.9)	0.7	(0.4)	0.0	a
	Kyrgyzstan	71.9	(1.6)	16.0	(1.0)	7.5	(0.8)	3.2	(0.5)	1.3	(0.4)	0.1	(0.1)	0.0	a
	Latvia	6.3	(0.9)	15.9	(1.2)	26.4	(1.6)	29.4	(1.5)	16.6	(1.2)	5.0	(0.7)	0.4	(0.2)
	Liechtenstein	4.3	(1.7)	10.3	(3.2)	22.2	(6.1)	24.3	(4.7)	22.2	(3.5)	12.3	(3.0)	4.4	(1.7)
	Lithuania	7.9	(0.9)	17.3	(1.1)	26.5	(1.2)	26.0	(1.3)	16.5	(1.4)	5.1	(0.7)	0.7	(0.3)
	Macao-China	3.1	(0.4)	9.8	(0.7)	24.1	(1.0)	31.7	(1.3)	23.2	(1.1)	7.5	(0.9)	0.6	(0.2)
	Montenegro	24.3	(1.2)	30.0	(1.3)	25.7	(1.3)	14.9	(1.0)	4.5	(0.8)	0.6	(0.3)	a	a
	Qatar	67.0	(0.9)	18.1	(0.8)	8.0	(0.6)	4.1	(0.4)	2.0	(0.3)	0.8	(0.2)	0.1	(0.1)
	Romania	27.9	(2.5)	25.3	(1.7)	23.3	(1.7)	15.7	(1.5)	6.2	(1.0)	1.4	(0.3)	0.2	(0.1)
	Russian Federation	8.8	(1.2)	16.9	(1.2)	26.6	(1.4)	25.1	(1.5)	15.3	(1.3)	6.0	(0.6)	1.3	(0.3)
	Serbia	20.7	(1.3)	26.2	(1.1)	26.8	(1.3)	17.4	(1.4)	7.2	(0.7)	1.6	(0.4)	0.2	(0.1)
	Slovenia	4.0	(0.4)	12.9	(0.8)	23.9	(1.1)	26.8	(1.1)	20.6	(1.0)	9.5	(0.8)	2.3	(0.6)
	Chinese Taipei	3.6	(0.6)	10.2	(0.9)	16.6	(1.0)	26.1	(1.3)	27.1	(1.3)	13.8	(1.0)	2.5	(0.4)
	Thailand	22.3	(1.5)	29.8	(1.4)	26.3	(1.4)	14.9	(1.3)	5.6	(0.9)	1.1	(0.3)	0.1	(0.1)
	Tunisia	34.2	(1.8)	29.2	(1.5)	22.8	(1.5)	10.6	(1.1)	3.0	(0.6)	0.2	(0.1)	a	a
	Uruguay	21.8	(1.5)	23.3	(1.6)	23.9	(1.6)	18.8	(1.3)	9.5	(0.8)	2.3	(0.4)	0.4	(0.2)

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[Part 2/2]

Table 2.4b Percentage of students at each proficiency level on the *using scientific evidence* scale, by gender

Tableau 2.4b Pourcentage d'élèves à chaque niveau de compétence sur l'échelle d'*utilisation de faits scientifiques*, selon le sexe

		Females – Proficiency levels													
		Below Level 1 (below 334.94 score points)		Level 1 (from 334.94 to 409.54 score points)		Level 2 (from 409.54 to 484.14 score points)		Level 3 (from 484.14 to 558.73 score points)		Level 4 (from 558.73 to 633.33 score points)		Level 5 (from 633.33 to 707.93 score points)		Level 6 (above 707.93 score points)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	3.3	(0.4)	8.8	(0.5)	18.9	(0.8)	27.6	(0.8)	24.6	(0.8)	13.2	(0.7)	3.6	(0.4)
	Austria	9.1	(1.9)	12.6	(1.3)	19.2	(1.4)	25.1	(1.4)	22.1	(1.3)	9.9	(1.1)	1.9	(0.5)
	Belgium	6.1	(0.8)	9.9	(0.9)	17.7	(1.0)	25.8	(1.0)	25.9	(1.0)	12.8	(0.8)	1.8	(0.4)
	Canada	2.1	(0.3)	7.1	(0.6)	17.8	(0.7)	27.8	(0.8)	28.2	(1.0)	13.9	(0.7)	3.3	(0.3)
	Czech Republic	8.4	(1.4)	13.1	(1.2)	20.9	(1.3)	25.1	(1.4)	20.6	(1.3)	9.4	(1.2)	2.5	(0.5)
	Denmark	7.6	(0.9)	15.5	(1.0)	24.4	(1.2)	27.1	(1.5)	17.5	(1.1)	6.8	(0.8)	1.2	(0.3)
	Finland	0.8	(0.2)	3.6	(0.6)	12.9	(0.9)	26.6	(1.0)	31.1	(1.2)	18.8	(1.0)	6.3	(0.7)
	France	6.1	(0.8)	12.1	(1.1)	19.8	(1.2)	24.8	(1.4)	23.8	(1.2)	11.4	(0.9)	2.0	(0.4)
	Germany	6.5	(1.0)	11.9	(1.3)	18.5	(1.1)	26.9	(1.4)	23.1	(1.5)	10.4	(1.1)	2.7	(0.4)
	Greece	8.2	(0.8)	14.9	(1.1)	27.7	(1.4)	30.5	(1.5)	14.6	(1.1)	3.9	(0.6)	0.3	(0.2)
	Hungary	5.1	(0.8)	13.3	(1.2)	24.9	(1.3)	30.0	(1.5)	18.5	(1.2)	7.1	(0.8)	1.0	(0.3)
	Iceland	7.1	(0.7)	14.8	(0.9)	22.6	(1.4)	26.9	(1.6)	19.2	(1.1)	7.8	(0.7)	1.7	(0.4)
	Ireland	4.4	(0.6)	11.7	(1.0)	23.1	(1.2)	28.4	(1.4)	22.5	(1.6)	8.5	(1.1)	1.4	(0.3)
	Italy	10.7	(0.8)	18.4	(0.9)	25.7	(0.8)	25.0	(0.9)	14.7	(0.7)	4.8	(0.5)	0.7	(0.2)
	Japan	4.2	(1.0)	8.1	(1.0)	15.5	(1.1)	23.6	(1.1)	26.6	(1.4)	16.5	(1.2)	5.6	(0.7)
	Korea	2.0	(0.5)	7.5	(1.0)	16.8	(1.1)	28.6	(1.4)	27.4	(1.4)	14.4	(1.2)	3.3	(0.6)
	Luxembourg	8.2	(0.7)	14.9	(0.8)	23.1	(0.9)	26.1	(0.9)	18.9	(0.9)	7.4	(0.8)	1.4	(0.3)
	Mexico	23.6	(1.4)	29.9	(1.1)	27.7	(1.0)	14.8	(0.9)	3.6	(0.4)	0.4	(0.1)	0.0	(0.0)
	Netherlands	4.1	(0.7)	12.1	(1.1)	19.4	(1.4)	23.3	(1.4)	24.9	(1.7)	13.6	(1.4)	2.6	(0.4)
	New Zealand	4.3	(0.6)	9.3	(0.8)	17.6	(1.0)	22.9	(1.1)	23.2	(1.2)	16.1	(1.2)	6.7	(0.7)
	Norway	8.2	(0.8)	18.5	(1.1)	26.0	(1.2)	25.3	(1.4)	15.8	(1.2)	5.0	(0.7)	1.2	(0.3)
	Poland	4.5	(0.6)	14.5	(0.8)	25.9	(1.2)	29.2	(1.4)	19.1	(1.0)	6.0	(0.7)	0.9	(0.2)
	Portugal	9.1	(1.1)	18.0	(1.1)	25.7	(1.2)	26.7	(1.3)	16.6	(1.3)	3.6	(0.5)	0.3	(0.2)
	Slovak Republic	9.0	(1.1)	15.8	(1.4)	26.2	(1.4)	26.2	(1.3)	17.1	(1.0)	5.2	(0.7)	0.5	(0.2)
	Spain	6.3	(0.6)	15.6	(0.9)	25.9	(1.1)	28.9	(0.8)	18.3	(0.9)	4.5	(0.4)	0.5	(0.2)
	Sweden	5.4	(0.7)	14.0	(1.1)	24.1	(1.5)	27.6	(1.0)	19.9	(1.2)	7.6	(0.8)	1.4	(0.3)
	Switzerland	5.8	(0.7)	11.4	(0.8)	19.7	(1.0)	25.3	(1.1)	23.3	(1.1)	11.3	(0.8)	3.2	(0.5)
	Turkey	15.3	(1.5)	29.3	(1.9)	29.9	(1.6)	16.8	(1.4)	7.0	(1.1)	1.5	(0.5)	0.1	(0.1)
	United Kingdom	6.1	(0.6)	12.9	(0.9)	21.1	(1.0)	24.8	(1.1)	21.3	(1.0)	10.4	(0.7)	3.3	(0.4)
	United States	8.5	(1.3)	15.7	(1.2)	23.4	(1.3)	23.9	(1.1)	17.9	(0.9)	8.1	(0.9)	2.4	(0.5)
	OECD total	8.6	(0.4)	15.5	(0.5)	22.3	(0.4)	24.0	(0.4)	18.8	(0.3)	8.6	(0.3)	2.3	(0.2)
	OECD average	7.0	(0.2)	13.8	(0.2)	22.1	(0.2)	25.7	(0.2)	20.2	(0.2)	9.0	(0.2)	2.1	(0.1)
Partners	Argentina	28.6	(2.5)	24.3	(1.6)	24.2	(1.7)	15.5	(1.5)	6.3	(0.9)	1.1	(0.5)	0.1	a
	Azerbaijan	45.6	(2.1)	35.3	(1.5)	14.3	(1.4)	4.1	(0.8)	0.5	(0.3)	0.0	a	a	a
	Brazil	35.5	(1.5)	28.9	(1.2)	20.4	(1.1)	11.1	(1.1)	3.5	(0.5)	0.7	(0.2)	0.0	(0.0)
	Bulgaria	23.3	(2.3)	19.7	(1.5)	23.0	(1.6)	18.5	(1.4)	11.1	(1.4)	3.7	(0.8)	0.8	(0.3)
	Chile	18.1	(1.6)	25.3	(1.9)	26.3	(1.5)	19.3	(1.7)	8.6	(1.1)	2.1	(0.4)	0.3	(0.2)
	Colombia	29.0	(2.1)	32.8	(1.6)	26.4	(1.6)	9.8	(1.1)	1.9	(0.4)	0.1	(0.2)	a	a
	Croatia	4.5	(0.7)	14.1	(1.1)	27.1	(1.3)	30.0	(1.2)	17.9	(1.3)	5.6	(0.6)	0.7	(0.2)
	Estonia	1.4	(0.3)	6.7	(0.8)	20.5	(1.1)	31.9	(1.5)	25.8	(1.4)	11.7	(1.0)	1.9	(0.3)
	Hong Kong-China	2.2	(0.4)	7.2	(0.8)	17.1	(1.2)	28.4	(1.4)	28.6	(1.4)	14.0	(1.2)	2.6	(0.4)
	Indonesia	27.9	(2.3)	36.5	(1.6)	24.8	(1.6)	9.0	(1.4)	1.7	(0.6)	0.1	(0.1)	a	a
	Israel	16.0	(1.6)	17.8	(1.0)	22.1	(1.4)	20.1	(1.1)	15.1	(1.2)	7.1	(0.7)	1.9	(0.4)
	Jordan	16.4	(1.4)	27.4	(1.7)	30.9	(1.4)	18.6	(1.2)	5.9	(0.6)	0.9	(0.3)	0.0	a
	Kyrgyzstan	68.0	(1.5)	20.0	(1.1)	8.1	(0.7)	2.9	(0.5)	1.0	(0.3)	0.1	(0.1)	0.0	a
	Latvia	4.3	(0.7)	12.3	(1.1)	25.9	(1.1)	32.3	(1.7)	20.0	(1.3)	4.9	(0.7)	0.4	(0.2)
	Liechtenstein	3.6	(1.5)	9.1	(2.3)	17.0	(3.1)	24.3	(3.6)	21.8	(3.9)	18.1	(3.4)	6.1	(2.3)
	Lithuania	5.4	(0.6)	14.2	(1.0)	23.9	(1.1)	30.0	(1.5)	19.6	(1.4)	6.0	(0.7)	0.8	(0.3)
	Macao-China	1.7	(0.3)	9.0	(0.9)	25.4	(1.2)	35.4	(1.4)	22.8	(1.4)	5.4	(0.5)	0.4	(0.2)
	Montenegro	21.2	(1.2)	29.0	(1.6)	28.7	(1.2)	15.0	(1.0)	5.3	(0.6)	0.7	(0.3)	0.0	a
	Qatar	51.4	(1.1)	26.9	(1.0)	13.7	(1.0)	5.6	(0.4)	1.9	(0.3)	0.5	(0.1)	0.1	(0.1)
	Romania	22.4	(2.8)	25.8	(1.7)	28.0	(2.4)	17.4	(2.7)	5.4	(1.1)	1.0	(0.4)	0.0	a
	Russian Federation	6.6	(0.9)	15.8	(1.2)	27.8	(1.2)	27.4	(1.1)	16.4	(1.3)	4.9	(0.6)	1.0	(0.3)
	Serbia	16.6	(1.6)	24.7	(1.4)	28.0	(1.4)	21.5	(1.6)	7.9	(0.9)	1.3	(0.3)	0.0	a
	Slovenia	3.0	(0.5)	10.3	(0.8)	21.5	(1.1)	28.2	(1.2)	24.0	(1.0)	10.8	(0.8)	2.2	(0.5)
	Chinese Taipei	2.6	(0.6)	9.5	(1.0)	18.5	(1.3)	27.2	(1.2)	27.1	(1.4)	13.0	(1.1)	2.1	(0.4)
	Thailand	11.9	(0.8)	28.8	(1.2)	32.7	(1.0)	18.3	(1.0)	7.1	(0.8)	1.1	(0.3)	0.1	(0.1)
	Tunisia	29.5	(1.5)	30.3	(1.4)	25.1	(1.8)	11.8	(1.1)	3.0	(0.7)	0.3	(0.2)	0.0	a
	Uruguay	17.9	(1.4)	21.4	(1.2)	28.7	(1.2)	21.3	(1.4)	8.8	(0.8)	1.9	(0.5)	0.1	(0.1)

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[Part 1/2]

Table 2.4c Mean score, variation and gender differences in student performance on the *using scientific evidence* scale

Tableau 2.4c Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle d'*utilisation de faits scientifiques*

		All students				Gender differences					
		Mean score		Standard deviation		Males		Females		Difference (M - F)	
		Mean	S.E.	S.D.	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.
OECD	Australia	531	(2.4)	107	(1.1)	530	(3.4)	533	(3.0)	-3	(4.2)
	Austria	505	(4.7)	116	(3.4)	509	(4.9)	500	(6.2)	9	(6.1)
	Belgium	516	(3.0)	113	(2.4)	512	(3.8)	521	(3.8)	-9	(4.7)
	Canada	542	(2.2)	99	(1.3)	541	(2.7)	542	(2.3)	-1	(2.3)
	Czech Republic	501	(4.1)	113	(2.4)	501	(5.0)	500	(5.4)	1	(6.5)
	Denmark	489	(3.6)	107	(1.7)	490	(4.1)	487	(4.0)	3	(3.8)
	Finland	567	(2.3)	96	(1.2)	564	(3.0)	571	(2.7)	**-7**	(3.3)
	France	511	(3.9)	114	(2.6)	509	(5.0)	513	(4.2)	-4	(4.7)
	Germany	515	(4.6)	115	(3.3)	517	(5.6)	513	(4.5)	4	(4.3)
	Greece	465	(4.0)	107	(3.2)	456	(5.6)	475	(3.7)	**-20**	(5.4)
	Hungary	497	(3.4)	102	(2.1)	497	(4.1)	498	(4.5)	-1	(5.2)
	Iceland	491	(1.7)	111	(1.4)	487	(3.1)	495	(2.5)	-7	(4.4)
	Ireland	506	(3.4)	102	(1.6)	503	(4.8)	509	(3.5)	-7	(4.8)
	Italy	467	(2.3)	111	(1.6)	466	(3.2)	468	(3.1)	-2	(4.2)
	Japan	544	(4.2)	116	(2.5)	543	(5.8)	545	(6.4)	-2	(8.9)
	Korea	538	(3.7)	102	(2.9)	535	(5.2)	542	(4.5)	-8	(6.4)
	Luxembourg	492	(1.1)	113	(1.1)	493	(2.0)	490	(2.2)	3	(3.5)
	Mexico	402	(3.1)	94	(1.8)	404	(3.7)	401	(3.0)	3	(2.7)
	Netherlands	526	(3.3)	106	(2.0)	527	(3.8)	524	(3.7)	3	(3.5)
	New Zealand	537	(3.3)	121	(1.7)	532	(4.4)	541	(4.3)	-10	(5.8)
	Norway	473	(3.6)	109	(1.9)	469	(4.2)	476	(3.9)	-7	(3.8)
	Poland	494	(2.7)	98	(1.4)	492	(3.0)	495	(3.0)	-3	(2.8)
	Portugal	472	(3.6)	103	(1.9)	473	(4.2)	471	(4.0)	2	(3.8)
	Slovak Republic	478	(3.3)	108	(2.5)	478	(4.8)	478	(3.6)	0	(5.6)
	Spain	485	(3.0)	101	(1.2)	484	(3.4)	485	(3.1)	-1	(2.5)
	Sweden	496	(2.6)	106	(1.5)	494	(3.1)	499	(3.2)	-5	(3.4)
	Switzerland	519	(3.4)	111	(1.9)	520	(3.6)	517	(3.9)	2	(2.9)
	Turkey	417	(4.3)	97	(3.2)	410	(5.2)	426	(4.6)	**-16**	(4.7)
	United Kingdom	514	(2.5)	117	(1.7)	517	(3.1)	510	(3.1)	6	(3.8)
	United States	489	(5.0)	116	(2.5)	486	(6.1)	491	(4.6)	-5	(4.1)
	OECD total	492	(1.5)	117	(0.9)	490	(1.7)	493	(1.6)	-2	(1.5)
	OECD average	499	(0.6)	108	(0.4)	498	(0.8)	501	(0.7)	**-3**	(0.8)
Partners	Argentina	385	(7.0)	117	(3.6)	374	(7.4)	396	(7.7)	**-23**	(6.2)
	Azerbaijan	344	(4.0)	77	(2.4)	342	(4.5)	347	(3.9)	**-6**	(2.4)
	Brazil	378	(3.6)	105	(2.7)	382	(3.9)	375	(3.8)	**6**	(2.7)
	Bulgaria	417	(7.5)	127	(3.7)	404	(8.0)	430	(8.2)	**-26**	(6.7)
	Chile	440	(5.1)	103	(1.9)	447	(6.2)	431	(5.2)	**16**	(5.3)
	Colombia	383	(3.9)	91	(2.4)	386	(4.5)	381	(4.8)	5	(4.9)
	Croatia	490	(3.0)	96	(1.9)	488	(4.1)	493	(3.5)	-5	(4.8)
	Estonia	531	(2.7)	93	(1.3)	529	(3.2)	533	(3.0)	-5	(3.3)
	Hong Kong-China	542	(2.7)	99	(1.8)	544	(3.8)	541	(4.0)	2	(5.5)
	Indonesia	386	(7.3)	83	(3.4)	388	(10.2)	383	(5.0)	5	(7.3)
	Israel	460	(4.7)	133	(2.3)	456	(6.7)	464	(5.4)	-8	(7.6)
	Jordan	405	(3.3)	101	(2.3)	385	(5.5)	424	(3.6)	**-39**	(6.3)
	Kyrgyzstan	288	(3.8)	105	(2.5)	280	(4.7)	295	(3.9)	**-15**	(3.7)
	Latvia	491	(3.4)	92	(1.8)	484	(4.1)	497	(3.6)	**-13**	(3.6)
	Liechtenstein	535	(4.3)	111	(3.6)	524	(8.2)	544	(6.8)	-20	(12.2)
	Lithuania	487	(3.1)	99	(1.8)	478	(3.7)	495	(3.3)	**-17**	(3.0)
	Macao-China	512	(1.2)	84	(1.0)	512	(2.0)	511	(1.6)	0	(2.7)
	Montenegro	407	(1.3)	93	(1.1)	403	(2.0)	411	(2.0)	**-8**	(3.1)
	Qatar	324	(1.2)	103	(1.0)	307	(1.5)	341	(1.9)	**-35**	(2.5)
	Romania	407	(6.0)	104	(3.1)	403	(6.0)	412	(6.7)	-9	(4.6)
	Russian Federation	481	(4.2)	102	(1.6)	478	(4.5)	483	(4.4)	-5	(3.1)
	Serbia	425	(3.7)	100	(1.9)	419	(4.0)	431	(4.8)	**-11**	(4.9)
	Slovenia	516	(1.3)	100	(1.0)	510	(2.3)	522	(2.0)	**-12**	(3.4)
	Chinese Taipei	532	(3.7)	100	(1.8)	532	(4.5)	532	(5.1)	0	(6.0)
	Thailand	423	(2.6)	91	(1.8)	409	(4.2)	433	(2.7)	**-24**	(4.5)
	Tunisia	382	(3.7)	95	(2.4)	377	(4.1)	387	(4.3)	**-10**	(3.9)
	Uruguay	429	(3.1)	107	(1.9)	425	(4.0)	433	(3.5)	-8	(4.1)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

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[Part 2/2]

Table 2.4c **Mean score, variation and gender differences in student performance on the *using scientific evidence* scale**

Tableau 2.4c **Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle d'*utilisation de faits scientifiques***

		Percentiles											
		5th		10th		25th		75th		90th		95th	
		Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
OECD	Australia	348	(3.8)	390	(3.3)	459	(2.8)	607	(2.7)	665	(2.7)	698	(3.5)
	Austria	305	(11.2)	350	(9.0)	428	(6.2)	589	(4.6)	649	(4.7)	680	(4.7)
	Belgium	312	(9.8)	360	(7.2)	442	(4.5)	599	(2.4)	652	(2.6)	680	(3.3)
	Canada	370	(4.3)	408	(4.3)	477	(2.9)	612	(2.2)	664	(2.5)	695	(3.1)
	Czech Republic	312	(8.6)	353	(6.6)	423	(5.1)	581	(4.7)	644	(5.4)	681	(5.9)
	Denmark	310	(6.6)	349	(4.8)	416	(4.3)	564	(3.9)	624	(4.6)	658	(5.3)
	Finland	406	(5.4)	442	(4.0)	504	(2.9)	633	(2.7)	690	(2.9)	722	(3.9)
	France	311	(7.9)	359	(6.7)	432	(5.9)	595	(4.2)	654	(4.1)	685	(4.3)
	Germany	317	(11.2)	361	(8.1)	440	(6.8)	597	(3.9)	658	(4.2)	691	(4.4)
	Greece	279	(9.9)	325	(7.9)	399	(5.8)	539	(3.8)	596	(4.3)	630	(4.3)
	Hungary	325	(7.6)	362	(6.3)	429	(4.2)	568	(4.4)	628	(4.8)	661	(4.4)
	Iceland	303	(5.3)	345	(4.1)	414	(3.1)	570	(2.4)	632	(3.3)	666	(3.3)
	Ireland	331	(5.4)	370	(5.0)	437	(4.5)	579	(3.1)	635	(3.8)	666	(4.5)
	Italy	279	(5.0)	323	(3.5)	393	(3.0)	545	(2.8)	606	(2.8)	642	(2.9)
	Japan	340	(8.6)	388	(7.9)	468	(5.9)	627	(3.6)	685	(3.4)	719	(4.8)
	Korea	359	(9.1)	402	(7.6)	473	(5.4)	611	(4.1)	664	(4.3)	694	(5.0)
	Luxembourg	296	(4.3)	341	(3.1)	415	(2.5)	572	(1.9)	635	(2.8)	668	(3.0)
	Mexico	248	(6.0)	280	(5.4)	339	(3.8)	467	(3.3)	523	(3.0)	554	(3.6)
	Netherlands	346	(6.5)	382	(6.5)	446	(5.3)	606	(3.4)	662	(2.9)	691	(3.0)
	New Zealand	331	(7.1)	377	(5.2)	453	(4.4)	624	(3.4)	687	(4.5)	725	(4.9)
	Norway	294	(7.9)	334	(5.8)	398	(4.5)	549	(3.8)	613	(3.4)	649	(4.7)
	Poland	330	(4.7)	365	(3.7)	425	(3.4)	563	(3.5)	621	(3.5)	652	(4.0)
	Portugal	297	(6.9)	337	(6.0)	401	(5.2)	547	(3.4)	602	(3.5)	634	(4.3)
	Slovak Republic	294	(8.1)	336	(5.8)	407	(4.6)	554	(4.2)	615	(4.1)	647	(4.1)
	Spain	315	(5.5)	355	(3.6)	418	(3.6)	556	(3.2)	610	(3.2)	641	(3.8)
	Sweden	318	(6.4)	359	(4.9)	425	(3.5)	570	(3.0)	630	(3.3)	664	(3.2)
	Switzerland	325	(6.4)	368	(5.0)	445	(4.4)	597	(3.5)	656	(4.5)	691	(5.5)
	Turkey	271	(4.6)	302	(3.7)	352	(3.3)	479	(6.9)	548	(9.2)	589	(10.5)
	United Kingdom	316	(6.2)	361	(4.3)	434	(3.6)	597	(2.9)	661	(3.2)	699	(3.8)
	United States	296	(10.1)	335	(8.8)	405	(7.0)	573	(5.1)	640	(5.2)	677	(5.9)
	OECD total	**297**	(2.8)	**338**	(2.8)	**409**	(2.0)	**577**	(1.5)	**642**	(1.7)	**679**	(1.9)
	OECD average	**316**	(1.3)	**357**	(1.1)	**427**	(0.8)	**576**	(0.7)	**635**	(0.7)	**668**	(0.8)
Partners	Argentina	181	(12.3)	229	(12.3)	311	(8.2)	467	(6.4)	533	(6.9)	571	(6.9)
	Azerbaijan	226	(5.3)	250	(4.6)	292	(4.2)	391	(5.2)	446	(7.2)	483	(8.2)
	Brazil	215	(7.5)	250	(5.2)	307	(3.3)	446	(4.6)	518	(6.0)	557	(7.0)
	Bulgaria	216	(10.2)	256	(8.8)	325	(8.1)	506	(8.7)	585	(9.3)	624	(8.7)
	Chile	275	(5.2)	309	(5.3)	367	(5.4)	511	(6.7)	576	(5.9)	613	(6.5)
	Colombia	233	(8.2)	266	(6.3)	324	(5.1)	445	(4.7)	497	(4.3)	529	(4.4)
	Croatia	333	(5.8)	367	(4.3)	424	(3.8)	557	(3.5)	614	(3.8)	645	(3.4)
	Estonia	374	(5.3)	409	(3.9)	468	(3.3)	595	(3.2)	650	(3.4)	681	(3.8)
	Hong Kong-China	367	(6.0)	408	(4.7)	479	(4.4)	613	(3.1)	663	(3.2)	691	(3.3)
	Indonesia	255	(6.5)	282	(5.8)	328	(5.9)	440	(9.1)	498	(14.3)	532	(13.8)
	Israel	241	(7.4)	286	(6.5)	366	(6.0)	558	(5.5)	635	(4.6)	676	(5.2)
	Jordan	235	(6.6)	277	(4.4)	339	(3.6)	474	(4.2)	532	(5.1)	566	(5.8)
	Kyrgyzstan	125	(6.7)	160	(4.9)	218	(4.3)	352	(4.0)	424	(6.8)	473	(9.1)
	Latvia	332	(6.7)	370	(5.5)	429	(4.5)	555	(3.5)	606	(3.4)	636	(3.2)
	Liechtenstein	354	(19.1)	388	(11.3)	458	(10.1)	619	(7.6)	681	(12.4)	710	(12.4)
	Lithuania	321	(5.2)	357	(3.8)	418	(4.0)	557	(3.9)	612	(4.3)	643	(4.9)
	Macao-China	367	(3.8)	401	(2.9)	456	(1.7)	571	(2.0)	618	(2.4)	645	(3.4)
	Montenegro	258	(2.7)	288	(3.1)	342	(1.9)	469	(2.4)	529	(3.0)	565	(4.3)
	Qatar	174	(2.8)	203	(2.4)	254	(1.9)	382	(1.8)	462	(2.8)	515	(3.0)
	Romania	239	(7.5)	273	(6.8)	335	(7.9)	480	(6.8)	541	(7.0)	576	(8.2)
	Russian Federation	311	(6.5)	350	(5.6)	413	(4.9)	551	(4.7)	611	(5.1)	647	(4.7)
	Serbia	260	(5.4)	295	(4.5)	357	(4.8)	495	(4.6)	554	(4.4)	589	(4.8)
	Slovenia	351	(4.3)	386	(3.1)	447	(2.0)	586	(2.6)	647	(3.2)	679	(3.1)
	Chinese Taipei	356	(5.8)	393	(5.9)	464	(6.0)	605	(3.3)	656	(3.5)	683	(3.2)
	Thailand	280	(4.5)	309	(4.1)	361	(3.2)	483	(3.7)	544	(4.9)	581	(5.1)
	Tunisia	227	(4.9)	260	(5.1)	317	(3.9)	447	(4.9)	506	(6.4)	541	(7.7)
	Uruguay	249	(5.2)	287	(5.1)	355	(4.6)	504	(2.9)	566	(3.8)	602	(4.0)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

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[Part 1/1]

Table 2.5 Gender differences in performance on the science scale after taking student programmes into account

Tableau 2.5 Différences de scores selon le sexe sur l'échelle de culture scientifique, après contrôle du niveau et de la filière d'enseignement

		Gender differences in science performance (M - F)					
		Overall		Within school		After accounting for the programme level and programme destination in which students are enrolled[1]	
		Score difference	S.E.	Score difference	S.E.	Score difference	S.E.
OECD	Australia	0	(3.8)	-2	(2.2)	-1	(2.2)
	Austria	8	(4.9)	**16**	(2.9)	**18**	(2.8)
	Belgium	1	(4.1)	**15**	(2.0)	**15**	(1.7)
	Canada	4	(2.2)	**6**	(2.1)	**7**	(2.0)
	Czech Republic	5	(5.6)	**18**	(3.0)	**19**	(3.0)
	Denmark	**9**	(3.2)	**9**	(2.8)	**10**	(2.8)
	Finland	-3	(2.9)	-3	(2.9)	-3	(2.8)
	France	3	(4.0)	**20**	(2.1)	**21**	(2.0)
	Germany	7	(3.7)	**17**	(2.4)	**17**	(2.4)
	Greece	**-11**	(4.7)	**7**	(3.0)	**7**	(3.0)
	Hungary	6	(4.2)	**27**	(2.4)	**27**	(2.4)
	Iceland	-6	(3.4)	-6	(3.3)	-5	(3.3)
	Ireland	0	(4.3)	2	(3.7)	4	(3.6)
	Italy	3	(3.5)	**13**	(2.0)	**13**	(1.9)
	Japan	3	(7.4)	2	(2.6)	2	(2.6)
	Korea	-2	(5.5)	1	(3.8)	1	(3.4)
	Luxembourg	**9**	(2.9)	**11**	(3.0)	**17**	(2.7)
	Mexico	**7**	(2.2)	**14**	(1.5)	**15**	(1.5)
	Netherlands	**7**	(3.0)	**15**	(2.1)	**16**	(1.7)
	New Zealand	-4	(5.2)	2	(4.0)	3	(4.0)
	Norway	-4	(3.4)	-4	(3.6)	-4	(3.6)
	Poland	3	(2.5)	**5**	(2.4)	**5**	(2.4)
	Portugal	5	(3.3)	**10**	(2.8)	**18**	(2.4)
	Slovak Republic	6	(4.7)	**17**	(2.8)	**18**	(2.8)
	Spain	4	(2.4)	**6**	(2.1)	**6**	(2.1)
	Sweden	1	(3.0)	3	(2.7)	3	(2.7)
	Switzerland	**6**	(2.7)	**15**	(2.3)	**15**	(2.2)
	Turkey	**-12**	(4.1)	-2	(2.6)	-2	(2.6)
	United Kingdom	**10**	(3.4)	**10**	(2.5)	**11**	(2.5)
	United States	1	(3.5)	3	(2.6)	**6**	(2.4)
	OECD average	**2**	(0.7)	**8**	(0.5)	**9**	(0.5)
Partners	Argentina	**-13**	(5.6)	0	(3.5)	4	(3.4)
	Azerbaijan	**-8**	(2.0)	**-8**	(1.5)	**-8**	(1.5)
	Brazil	**9**	(2.3)	**10**	(2.3)	**15**	(2.3)
	Bulgaria	**-17**	(5.8)	4	(3.2)	5	(3.2)
	Chile	**22**	(4.8)	**18**	(3.0)	**18**	(2.9)
	Colombia	9	(4.6)	**13**	(3.8)	**16**	(3.7)
	Croatia	-2	(4.1)	**16**	(2.3)	**22**	(2.1)
	Estonia	-4	(3.1)	0	(2.5)	1	(2.5)
	Hong Kong-China	7	(4.9)	**19**	(2.7)	**21**	(2.5)
	Indonesia	12	(6.3)	**8**	(1.5)	**8**	(1.6)
	Israel	3	(6.5)	3	(4.3)	4	(4.3)
	Jordan	**-29**	(5.3)	**-16**	(5.0)	**-16**	(5.0)
	Kyrgyzstan	**-6**	(3.0)	**-7**	(2.4)	**-6**	(2.4)
	Latvia	**-7**	(3.1)	-4	(2.8)	-2	(2.7)
	Liechtenstein	-11	(11.1)	6	(6.8)	5	(6.5)
	Lithuania	**-9**	(2.8)	-2	(2.6)	-2	(2.5)
	Macao-China	4	(2.7)	**16**	(3.0)	**19**	(2.6)
	Montenegro	-2	(2.6)	**10**	(2.3)	**12**	(2.3)
	Qatar	**-32**	(1.9)	-13	(6.8)	-12	(6.4)
	Romania	-2	(3.3)	**16**	(2.4)	**16**	(2.4)
	Russian Federation	3	(2.7)	**8**	(2.3)	**12**	(2.3)
	Serbia	-5	(3.8)	**15**	(2.1)	**19**	(2.0)
	Slovenia	**-8**	(3.2)	**21**	(2.6)	**22**	(2.5)
	Chinese Taipei	7	(6.0)	**9**	(2.2)	**9**	(2.2)
	Thailand	**-17**	(3.9)	**-9**	(2.5)	**-6**	(2.5)
	Tunisia	-5	(3.4)	**8**	(2.5)	**9**	(2.4)
	Uruguay	-3	(4.0)	**8**	(3.0)	**12**	(2.8)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. The programme level indicates whether the student is in a lower (ISCED Level 2) or upper (ISCED Level 3) secondary programme. The programme designation indicates the destination of the study programme: A, B or C (see Annex A1).

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[Part 1/1]

Table 2.6 Socio-economic indicators[1] and the relationship with performance in science

Tableau 2.6 Les indicateurs socioéconomiques et le rapport avec la performance des élèves en sciences

		Mean performance on the science scale	Socio-economic indicators: GDP per capita (*In equivalent USD using purchasing power parities*)	Percentage of the population in the age group 35-44 years that has attained at least upper secondary education	Mean PISA index of economic social and cultural status (ESCS)	Cumulative expenditure per student between 6 and 15 years (*In equivalent USD using purchasing power parities*)
OECD	Australia	527	34 238	66	0.21	63 675
OECD	Austria	511	34 409	84	0.20	86 473
OECD	Belgium	510	33 028	72	0.17	70 818
OECD	Canada	534	34 052	88	0.37	m
OECD	Czech Republic	513	20 727	93	0.03	37 822
OECD	Denmark	496	34 090	83	0.31	78 479
OECD	Finland	563	30 923	87	0.26	64 519
OECD	France	495	30 352	71	-0.09	66 640
OECD	Germany	516	30 826	85	0.29	56 283
OECD	Greece[2]	473	29 564	65	-0.15	48 423
OECD	Hungary[3]	504	17 506	81	-0.09	37 295
OECD	Iceland	491	36 499	67	0.77	83 893
OECD	Ireland	508	38 844	70	-0.02	57 263
OECD	Italy[2, 3]	475	28 168	54	-0.07	75 864
OECD	Japan	531	30 773	m	-0.01	69 165
OECD	Korea	522	22 277	88	-0.01	52 598
OECD	Luxembourg	486	m	m	0.09	m
OECD	Mexico	410	10 767	23	-0.99	17 535
OECD	Netherlands	525	35 365	76	0.25	67 302
OECD	New Zealand[2]	530	26 070	82	0.10	52 475
OECD	Norway[2]	487	35 853	78	0.42	88 157
OECD	Poland[2, 3]	498	13 951	50	-0.30	31 295
OECD	Portugal[3]	474	20 043	26	-0.62	53 126
OECD	Slovak Republic	488	15 983	92	-0.15	23 392
OECD	Spain	488	27 507	54	-0.31	56 591
OECD	Sweden	503	32 111	90	0.24	72 743
OECD	Switzerland[2, 3]	512	36 276	85	0.09	94 377
OECD	Turkey[2, 3]	424	7 709	25	-1.28	12 576
OECD	United Kingdom	515	32 890	67	0.19	64 007
OECD	United States	489	41 674	88	0.14	91 770

		Adjusted performance on the science scale: Science performance adjusted by GDP per capita	Science performance adjusted by GDP per capita and the percentage of the age group 35-44 years with upper secondary attainment	Science performance adjusted by the mean PISA index of economic social and cultural status	Science performance adjusted by cumulative expenditure per student between 6 and 15 years	Change in expenditure per student in primary and secondary education (1995=100, 2004 constant prices): 1995-2000	2000-2004	1995-2004
OECD	Australia	516	528	516	525	125	114	138
OECD	Austria	499	494	500	494	m	100	m
OECD	Belgium	502	506	501	504	m	m	m
OECD	Canada	524	514	514	m	m	m	m
OECD	Czech Republic	527	497	511	526	92	131	124
OECD	Denmark	485	480	479	484	114	107	121
OECD	Finland	558	546	549	560	108	116	122
OECD	France	491	494	500	491	113	m	m
OECD	Germany	511	500	500	518	m	m	105
OECD	Greece[2]	471	478	482	480	156	131	192
OECD	Hungary[3]	524	502	508	518	105	149	157
OECD	Iceland	475	489	449	476	m	m	m
OECD	Ireland	489	502	509	510	129	150	181
OECD	Italy[2, 3]	476	492	479	466	96	109	105
OECD	Japan	527	m	532	526	116	109	127
OECD	Korea	534	510	522	527	m	m	m
OECD	Luxembourg	m	m	m	m	m	m	m
OECD	Mexico	443	468	463	436	115	117	130
OECD	Netherlands	512	515	511	520	116	120	136
OECD	New Zealand[2]	535	521	525	535	m	m	m
OECD	Norway[2]	472	474	464	469	93	118	109
OECD	Poland[2, 3]	525	528	514	515	147	128	183
OECD	Portugal[3]	490	524	508	478	146	106	154
OECD	Slovak Republic	512	477	496	511	111	141	155
OECD	Spain	490	506	505	490	121	112	136
OECD	Sweden	496	483	490	495	104	116	117
OECD	Switzerland[2, 3]	497	493	507	490	94	111	105
OECD	Turkey[2, 3]	463	483	493	453	158	161	211
OECD	United Kingdom	506	516	504	512	99	124	120
OECD	United States	464	463	481	469	118	114	130

1. Source: Education at a Glance (OECD, 2007).
2. Public expenditure only.
3. Public institutions only.

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[Part 1/2]

Table 2.7 Mean score, variation and gender differences in student performance on the *knowledge about science* scale

Tableau 2.7 Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle de *connaissances à propos des sciences*

		All students				Gender differences					
		Mean score		Standard deviation		Males		Females		Difference (M - F)	
		Mean	S.E.	S.D.	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.
OECD	Australia	533	(1.9)	100	(0.9)	529	(2.6)	538	(2.3)	**-10**	(3.3)
	Austria	504	(3.3)	99	(1.8)	500	(3.8)	507	(4.2)	-7	(4.6)
	Belgium	519	(2.3)	103	(1.5)	513	(3.1)	525	(2.8)	**-11**	(3.8)
	Canada	537	(2.0)	97	(1.0)	534	(2.5)	541	(2.1)	**-7**	(2.3)
	Czech Republic	499	(2.9)	100	(1.4)	496	(3.8)	503	(4.1)	-7	(5.2)
	Denmark	493	(2.6)	94	(1.2)	490	(3.1)	495	(2.9)	-6	(3.1)
	Finland	558	(1.7)	89	(1.2)	550	(2.3)	566	(2.2)	**-16**	(2.9)
	France	507	(3.1)	112	(1.7)	503	(4.2)	512	(3.9)	-9	(5.3)
	Germany	512	(3.1)	101	(1.7)	509	(4.1)	515	(3.2)	-6	(3.8)
	Greece	471	(2.8)	97	(1.5)	459	(3.9)	483	(2.9)	**-24**	(4.2)
	Hungary	492	(2.2)	86	(1.4)	490	(2.8)	495	(3.1)	-5	(3.9)
	Iceland	493	(1.8)	101	(1.4)	483	(2.7)	502	(2.5)	**-20**	(3.6)
	Ireland	513	(2.7)	93	(1.3)	508	(3.7)	517	(2.8)	**-9**	(3.8)
	Italy	472	(1.8)	99	(1.1)	468	(2.5)	476	(2.4)	**-8**	(3.4)
	Japan	532	(3.2)	108	(1.7)	528	(4.5)	535	(4.9)	-8	(7.0)
	Korea	527	(3.0)	92	(1.8)	520	(4.2)	533	(3.3)	**-14**	(4.8)
	Luxembourg	488	(1.3)	100	(1.1)	486	(2.0)	490	(2.1)	-4	(3.2)
	Mexico	413	(2.1)	83	(1.0)	412	(2.7)	414	(2.2)	-1	(2.5)
	Netherlands	530	(2.6)	101	(1.5)	528	(3.3)	532	(3.2)	-4	(3.7)
	New Zealand	539	(2.5)	108	(1.2)	532	(3.5)	546	(3.5)	**-14**	(5.1)
	Norway	480	(2.7)	100	(1.7)	471	(3.6)	490	(3.2)	**-18**	(4.2)
	Poland	491	(2.1)	90	(1.3)	486	(2.4)	495	(2.5)	**-9**	(2.6)
	Portugal	481	(2.7)	93	(1.8)	478	(3.3)	484	(3.1)	-6	(3.6)
	Slovak Republic	478	(2.3)	95	(1.5)	473	(3.7)	484	(2.8)	**-10**	(4.5)
	Spain	489	(2.0)	90	(0.8)	485	(2.4)	492	(2.2)	**-7**	(2.4)
	Sweden	498	(2.2)	98	(1.3)	494	(2.6)	502	(2.9)	**-7**	(3.2)
	Switzerland	514	(2.7)	100	(1.2)	511	(3.0)	518	(3.2)	**-6**	(3.0)
	Turkey	425	(3.1)	83	(1.8)	415	(3.9)	437	(3.5)	**-22**	(4.1)
	United Kingdom	517	(1.9)	106	(1.4)	517	(2.5)	516	(2.6)	0	(3.3)
	United States	492	(3.7)	104	(1.6)	487	(4.5)	497	(3.6)	**-10**	(3.3)
	OECD total	492	(1.1)	105	(0.5)	488	(1.3)	497	(1.2)	**-8**	(1.2)
	OECD average	500	(0.5)	97	(0.3)	495	(0.6)	505	(0.6)	**-10**	(0.7)
Partners	Argentina	397	(4.8)	100	(1.6)	384	(4.9)	408	(5.7)	**-24**	(4.9)
	Azerbaijan	355	(2.1)	62	(1.2)	352	(2.4)	358	(2.3)	**-6**	(2.1)
	Brazil	394	(2.5)	95	(1.5)	393	(3.0)	394	(2.7)	-1	(2.8)
	Bulgaria	426	(5.5)	113	(2.5)	411	(6.0)	441	(6.1)	**-30**	(5.6)
	Chile	443	(3.7)	96	(1.4)	447	(4.7)	437	(3.9)	**10**	(4.6)
	Colombia	396	(2.9)	92	(1.6)	397	(3.8)	396	(3.5)	1	(4.5)
	Croatia	494	(2.1)	88	(1.2)	486	(3.0)	502	(2.7)	**-16**	(3.8)
	Estonia	523	(2.1)	82	(1.1)	516	(2.5)	531	(2.5)	**-15**	(2.9)
	Hong Kong-China	542	(2.5)	98	(1.4)	540	(3.4)	543	(3.5)	-3	(4.8)
	Indonesia	387	(2.8)	73	(1.3)	387	(3.7)	387	(2.8)	0	(3.5)
	Israel	466	(3.4)	122	(1.8)	463	(5.0)	469	(4.0)	-6	(6.1)
	Jordan	409	(2.5)	87	(1.3)	393	(3.8)	424	(2.8)	**-32**	(4.4)
	Kyrgyzstan	309	(2.5)	96	(1.6)	302	(3.4)	315	(2.6)	**-13**	(3.2)
	Latvia	491	(2.6)	84	(1.1)	480	(3.3)	502	(2.8)	**-21**	(3.3)
	Liechtenstein	526	(4.2)	98	(4.8)	517	(8.8)	535	(6.6)	-18	(12.9)
	Lithuania	482	(2.1)	88	(1.0)	472	(2.7)	493	(2.8)	**-22**	(3.4)
	Macao-China	505	(1.2)	82	(1.3)	502	(1.7)	508	(1.9)	-5	(2.7)
	Montenegro	407	(1.6)	83	(1.1)	400	(2.0)	414	(2.4)	**-14**	(3.0)
	Qatar	343	(1.0)	88	(1.0)	328	(1.4)	359	(1.7)	**-31**	(2.5)
	Romania	413	(3.6)	86	(2.3)	405	(3.7)	420	(4.0)	**-15**	(3.2)
	Russian Federation	475	(3.3)	94	(1.5)	469	(3.7)	481	(3.4)	**-11**	(2.9)
	Serbia	431	(2.6)	86	(1.1)	422	(3.1)	439	(3.2)	**-18**	(3.6)
	Slovenia	510	(1.6)	98	(1.1)	498	(2.0)	522	(2.8)	**-25**	(3.5)
	Chinese Taipei	525	(3.0)	95	(1.2)	523	(3.5)	528	(4.4)	-4	(5.0)
	Thailand	421	(1.8)	85	(1.3)	405	(2.9)	433	(2.2)	**-28**	(3.6)
	Tunisia	389	(2.6)	89	(1.6)	381	(2.8)	397	(3.3)	**-15**	(3.2)
	Uruguay	431	(2.4)	102	(1.4)	425	(3.5)	438	(2.6)	**-13**	(4.0)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

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[Part 2/2]

Table 2.7 **Mean score, variation and gender differences in student performance on the *knowledge about science* scale**

Tableau 2.7 **Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle de *connaissances à propos des sciences***

		Percentiles											
		5th		10th		25th		75th		90th		95th	
		Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
OECD	Australia	362	(3.5)	407	(3.0)	468	(3.1)	602	(2.5)	658	(2.5)	691	(4.1)
	Austria	339	(5.5)	369	(6.4)	436	(4.6)	574	(4.2)	630	(4.3)	662	(4.0)
	Belgium	342	(5.2)	379	(4.7)	450	(4.0)	591	(1.9)	649	(3.6)	681	(4.6)
	Canada	372	(3.6)	410	(3.2)	475	(2.4)	605	(2.0)	657	(2.1)	689	(3.8)
	Czech Republic	340	(4.0)	369	(3.9)	427	(4.5)	570	(2.8)	630	(4.9)	662	(4.6)
	Denmark	339	(6.8)	371	(3.6)	428	(3.9)	557	(3.5)	612	(2.8)	643	(3.8)
	Finland	408	(6.3)	443	(3.5)	499	(2.9)	620	(2.2)	671	(2.5)	698	(2.0)
	France	316	(7.8)	360	(5.1)	432	(4.6)	588	(3.9)	648	(2.9)	683	(5.6)
	Germany	336	(8.9)	374	(4.9)	445	(3.8)	583	(2.8)	638	(3.8)	673	(2.7)
	Greece	311	(6.2)	346	(4.1)	407	(3.6)	539	(3.3)	593	(3.2)	623	(4.5)
	Hungary	352	(4.2)	378	(3.3)	431	(3.3)	552	(3.9)	604	(3.5)	632	(3.7)
	Iceland	321	(5.0)	360	(2.8)	425	(2.8)	565	(2.8)	620	(3.8)	653	(3.3)
	Ireland	353	(4.8)	391	(3.6)	449	(3.2)	578	(2.9)	632	(3.3)	663	(4.3)
	Italy	307	(2.8)	343	(2.6)	403	(2.7)	540	(2.4)	599	(2.6)	633	(2.9)
	Japan	348	(6.6)	390	(7.3)	460	(5.5)	609	(3.4)	665	(3.9)	698	(2.8)
	Korea	370	(6.5)	402	(4.9)	466	(4.2)	591	(3.5)	643	(4.0)	672	(5.1)
	Luxembourg	320	(6.0)	356	(3.4)	421	(2.4)	560	(2.9)	616	(2.4)	650	(3.0)
	Mexico	281	(3.7)	310	(2.9)	356	(3.0)	469	(2.6)	520	(2.4)	548	(2.7)
	Netherlands	359	(5.6)	396	(4.5)	462	(4.2)	601	(3.2)	660	(3.1)	693	(3.1)
	New Zealand	354	(5.6)	397	(4.2)	464	(5.1)	615	(3.0)	678	(3.2)	706	(3.9)
	Norway	313	(7.9)	351	(4.4)	413	(4.4)	550	(2.9)	606	(4.1)	639	(3.7)
	Poland	343	(3.9)	371	(3.2)	428	(2.8)	555	(3.7)	606	(3.5)	639	(4.0)
	Portugal	331	(3.8)	361	(3.4)	416	(4.0)	548	(3.0)	603	(3.4)	629	(3.7)
	Slovak Republic	318	(4.5)	350	(5.3)	416	(2.7)	543	(3.6)	603	(4.2)	634	(4.1)
	Spain	338	(4.2)	370	(3.2)	428	(2.5)	552	(2.5)	605	(3.1)	634	(2.7)
	Sweden	333	(5.1)	369	(4.2)	431	(2.6)	567	(2.3)	624	(3.9)	657	(4.3)
	Switzerland	346	(4.4)	377	(3.3)	448	(3.5)	586	(3.5)	644	(4.1)	672	(4.0)
	Turkey	293	(4.4)	324	(3.0)	368	(3.2)	481	(5.1)	536	(5.7)	572	(6.5)
	United Kingdom	336	(2.6)	382	(3.9)	446	(3.1)	590	(2.2)	650	(1.8)	681	(3.8)
	United States	321	(6.5)	354	(5.2)	419	(5.8)	567	(4.0)	628	(4.5)	664	(4.9)
	OECD total	320	(2.1)	355	(1.6)	418	(1.6)	567	(1.5)	630	(1.4)	664	(1.7)
	OECD average	337	(1.0)	372	(0.8)	434	(0.7)	568	(0.6)	624	(0.6)	656	(0.7)
Partners	Argentina	228	(9.2)	265	(6.9)	329	(5.3)	466	(5.6)	524	(5.2)	560	(4.7)
	Azerbaijan	256	(3.4)	276	(2.4)	313	(2.4)	394	(2.7)	436	(5.1)	463	(5.1)
	Brazil	235	(4.4)	273	(3.0)	334	(4.1)	455	(3.5)	520	(4.8)	557	(4.1)
	Bulgaria	247	(6.8)	283	(6.2)	347	(5.4)	503	(7.1)	576	(7.5)	615	(7.5)
	Chile	289	(4.4)	326	(3.9)	379	(4.2)	507	(4.5)	572	(4.3)	606	(6.4)
	Colombia	238	(6.1)	277	(4.1)	338	(4.6)	458	(3.5)	513	(3.5)	546	(4.2)
	Croatia	351	(4.4)	379	(3.4)	435	(3.0)	555	(2.3)	607	(3.0)	641	(3.4)
	Estonia	390	(4.2)	417	(2.9)	468	(2.9)	580	(3.1)	628	(3.6)	656	(4.3)
	Hong Kong-China	372	(6.0)	411	(5.1)	478	(4.0)	611	(3.4)	664	(2.6)	693	(3.2)
	Indonesia	268	(2.8)	292	(2.9)	338	(3.4)	434	(3.1)	482	(4.6)	511	(6.2)
	Israel	267	(7.2)	311	(4.8)	382	(5.0)	554	(4.9)	623	(4.2)	665	(6.0)
	Jordan	266	(3.9)	295	(3.2)	350	(2.7)	468	(3.5)	522	(4.3)	548	(4.0)
	Kyrgyzstan	147	(6.0)	188	(3.9)	246	(3.7)	372	(3.5)	428	(3.8)	463	(4.9)
	Latvia	350	(4.9)	378	(4.6)	434	(3.5)	550	(3.3)	598	(3.1)	628	(4.6)
	Liechtenstein	361	(12.1)	394	(14.7)	457	(11.6)	598	(7.7)	649	(9.2)	682	(12.7)
	Lithuania	338	(3.3)	365	(2.7)	420	(3.2)	544	(2.5)	596	(2.6)	624	(4.1)
	Macao-China	364	(3.2)	396	(3.3)	451	(2.7)	562	(2.3)	611	(3.5)	639	(5.0)
	Montenegro	269	(3.1)	299	(4.3)	352	(2.4)	465	(2.5)	516	(3.9)	544	(3.8)
	Qatar	203	(3.8)	234	(4.0)	286	(1.8)	397	(1.9)	460	(2.8)	499	(3.2)
	Romania	278	(5.2)	306	(5.3)	353	(4.3)	469	(5.8)	528	(5.6)	558	(6.0)
	Russian Federation	321	(4.6)	350	(4.5)	414	(4.1)	541	(4.0)	599	(5.0)	630	(3.0)
	Serbia	290	(3.6)	318	(3.4)	372	(3.5)	490	(3.5)	542	(3.1)	573	(3.4)
	Slovenia	348	(3.3)	382	(3.1)	442	(2.6)	579	(3.1)	638	(2.7)	671	(3.5)
	Chinese Taipei	358	(5.4)	400	(4.7)	462	(5.0)	593	(3.2)	644	(3.4)	673	(3.3)
	Thailand	280	(3.9)	312	(4.2)	365	(2.2)	478	(2.7)	533	(3.6)	564	(2.7)
	Tunisia	242	(3.4)	274	(3.1)	332	(2.6)	449	(3.7)	509	(5.7)	537	(5.1)
	Uruguay	266	(6.5)	302	(2.9)	363	(4.1)	503	(3.5)	562	(2.6)	596	(5.3)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

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[Part 1/2]

Table 2.8 Mean score, variation and gender differences in student performance on the "Earth and space systems" scale

Tableau 2.8 Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle « systèmes de la Terre et de l'univers »

		All students				Gender differences					
		Mean score		Standard deviation		Males		Females		Difference (M - F)	
		Mean	S.E.	S.D.	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.
OECD	Australia	530	(1.9)	98	(0.8)	538	(2.6)	522	(2.4)	**16**	(3.2)
	Austria	503	(3.6)	105	(2.1)	511	(4.1)	493	(4.4)	**18**	(4.8)
	Belgium	496	(2.4)	114	(1.6)	507	(3.3)	485	(3.1)	**22**	(4.2)
	Canada	540	(1.8)	98	(0.9)	549	(2.4)	531	(1.9)	**18**	(2.3)
	Czech Republic	526	(3.6)	119	(1.7)	539	(4.5)	509	(4.8)	**29**	(6.2)
	Denmark	487	(2.8)	98	(1.5)	500	(3.5)	474	(3.0)	**26**	(3.4)
	Finland	554	(1.8)	100	(1.2)	562	(2.4)	547	(2.5)	**14**	(3.2)
	France	463	(2.8)	103	(1.6)	473	(3.8)	453	(3.2)	**19**	(4.3)
	Germany	510	(3.6)	118	(1.7)	516	(4.9)	505	(3.6)	**11**	(4.9)
	Greece	477	(2.9)	107	(1.7)	480	(4.1)	475	(3.2)	5	(4.5)
	Hungary	512	(2.7)	106	(2.0)	516	(3.5)	508	(3.6)	8	(4.6)
	Iceland	503	(1.6)	96	(1.7)	507	(2.7)	499	(2.3)	**7**	(3.8)
	Ireland	508	(2.8)	102	(1.6)	515	(3.9)	501	(3.2)	**14**	(4.2)
	Italy	474	(2.0)	113	(1.2)	481	(3.1)	467	(2.5)	**15**	(3.9)
	Japan	530	(3.0)	99	(1.4)	544	(4.0)	517	(4.2)	**26**	(5.9)
	Korea	533	(3.0)	98	(1.8)	540	(4.4)	526	(3.6)	**14**	(5.2)
	Luxembourg	471	(1.6)	101	(1.1)	484	(2.2)	457	(2.1)	**27**	(3.1)
	Mexico	412	(2.4)	99	(1.4)	420	(3.2)	404	(2.4)	**16**	(2.9)
	Netherlands	518	(2.7)	106	(1.5)	530	(3.3)	505	(3.5)	**25**	(4.0)
	New Zealand	530	(2.4)	107	(1.1)	536	(3.3)	524	(3.4)	**12**	(4.5)
	Norway	497	(2.8)	102	(1.7)	501	(3.8)	493	(3.1)	**8**	(4.0)
	Poland	501	(2.4)	104	(1.6)	510	(2.8)	493	(2.9)	**17**	(3.1)
	Portugal	479	(2.7)	93	(1.7)	488	(3.3)	472	(3.3)	**16**	(3.7)
	Slovak Republic	503	(2.6)	105	(2.1)	512	(4.1)	495	(3.0)	**17**	(5.1)
	Spain	493	(2.3)	108	(1.1)	503	(2.8)	484	(2.7)	**19**	(3.1)
	Sweden	498	(2.3)	103	(1.3)	508	(3.0)	488	(3.0)	**20**	(3.8)
	Switzerland	502	(2.9)	108	(1.3)	515	(3.4)	489	(3.4)	**26**	(3.4)
	Turkey	425	(3.6)	101	(2.0)	427	(4.4)	423	(4.0)	4	(4.3)
	United Kingdom	505	(1.9)	106	(1.3)	515	(2.6)	494	(2.6)	**21**	(3.4)
	United States	504	(4.0)	116	(1.8)	508	(4.8)	500	(4.1)	7	(3.9)
	OECD total	493	(1.1)	114	(0.6)	500	(1.3)	486	(1.3)	**15**	(1.4)
	OECD average	500	(0.5)	104	(0.3)	508	(0.6)	491	(0.6)	**17**	(0.8)
Partners	Argentina	384	(5.4)	113	(2.1)	388	(5.6)	380	(6.6)	7	(5.8)
	Azerbaijan	400	(2.5)	77	(1.3)	396	(2.9)	404	(2.8)	**-8**	(2.7)
	Brazil	375	(2.5)	101	(1.7)	387	(3.2)	364	(2.8)	**23**	(3.1)
	Bulgaria	443	(5.5)	117	(2.5)	445	(6.1)	441	(6.3)	4	(5.7)
	Chile	428	(3.4)	95	(1.3)	444	(4.3)	410	(3.4)	**35**	(4.0)
	Colombia	370	(2.9)	105	(1.8)	384	(4.6)	359	(4.0)	**26**	(6.1)
	Croatia	497	(2.4)	97	(1.2)	502	(3.2)	493	(3.1)	**9**	(4.1)
	Estonia	540	(2.4)	98	(1.3)	545	(3.2)	535	(2.9)	**10**	(3.7)
	Hong Kong-China	525	(2.4)	96	(1.4)	533	(3.6)	518	(3.2)	**15**	(4.9)
	Indonesia	402	(2.9)	85	(1.2)	406	(4.1)	397	(3.0)	**9**	(4.0)
	Israel	417	(3.2)	113	(1.7)	430	(4.9)	404	(3.5)	**25**	(5.7)
	Jordan	421	(2.9)	107	(1.6)	413	(4.5)	429	(3.5)	**-16**	(5.4)
	Kyrgyzstan	315	(2.6)	101	(1.5)	316	(3.9)	314	(3.1)	1	(4.7)
	Latvia	494	(3.3)	105	(1.4)	501	(4.1)	487	(3.6)	**13**	(3.8)
	Liechtenstein	513	(4.8)	103	(4.3)	521	(9.4)	506	(7.6)	14	(14.1)
	Lithuania	487	(2.5)	108	(1.4)	492	(3.1)	481	(3.2)	**12**	(3.7)
	Macao-China	506	(1.4)	86	(1.7)	513	(2.0)	499	(2.2)	**14**	(3.2)
	Montenegro	411	(1.8)	99	(1.2)	419	(2.4)	404	(2.7)	**15**	(3.6)
	Qatar	350	(1.1)	104	(1.1)	330	(1.8)	369	(2.2)	**-39**	(3.2)
	Romania	407	(4.0)	94	(2.1)	409	(4.3)	405	(4.6)	4	(3.6)
	Russian Federation	482	(3.4)	105	(1.4)	491	(4.2)	473	(3.6)	**18**	(3.6)
	Serbia	441	(2.7)	99	(1.7)	447	(3.2)	434	(3.6)	**12**	(4.1)
	Slovenia	534	(1.7)	119	(1.4)	537	(2.4)	530	(3.4)	7	(4.8)
	Chinese Taipei	529	(3.0)	95	(1.3)	537	(3.5)	520	(4.3)	**17**	(5.0)
	Thailand	430	(1.7)	84	(1.3)	430	(2.8)	430	(2.1)	-1	(3.5)
	Tunisia	352	(2.6)	96	(1.6)	354	(2.8)	350	(3.8)	4	(4.3)
	Uruguay	397	(2.6)	114	(2.1)	410	(4.0)	385	(3.2)	**25**	(4.8)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

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[Part 2/2]

Table 2.8 Mean score, variation and gender differences in student performance on the "Earth and space systems" scale

Tableau 2.8 Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle « systèmes de la Terre et de l'univers »

		Percentiles											
		5th		10th		25th		75th		90th		95th	
		Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
OECD	Australia	370	(1.8)	402	(2.6)	463	(2.5)	599	(2.2)	652	(2.1)	686	(3.3)
	Austria	325	(8.1)	364	(5.8)	432	(4.3)	574	(3.3)	639	(4.4)	669	(4.5)
	Belgium	301	(5.3)	345	(4.6)	420	(3.1)	576	(2.9)	642	(3.0)	678	(2.4)
	Canada	373	(3.1)	409	(3.5)	477	(2.8)	608	(2.0)	664	(2.4)	696	(3.7)
	Czech Republic	336	(6.9)	372	(6.1)	441	(4.7)	612	(3.3)	680	(4.6)	723	(6.2)
	Denmark	326	(4.5)	360	(4.3)	421	(4.0)	556	(2.9)	612	(3.4)	643	(5.0)
	Finland	387	(4.9)	425	(5.1)	488	(3.5)	624	(2.6)	684	(3.7)	715	(3.6)
	France	295	(4.8)	329	(4.7)	393	(4.6)	534	(3.7)	595	(3.9)	626	(4.1)
	Germany	313	(8.1)	356	(5.4)	429	(5.1)	591	(3.1)	662	(4.3)	704	(4.6)
	Greece	297	(5.3)	340	(4.6)	407	(4.0)	551	(3.4)	616	(4.5)	650	(4.6)
	Hungary	337	(5.3)	374	(5.7)	440	(3.5)	585	(4.6)	653	(5.4)	689	(4.3)
	Iceland	341	(5.0)	378	(2.7)	438	(2.7)	568	(2.3)	625	(4.6)	656	(4.3)
	Ireland	330	(5.7)	371	(5.7)	440	(4.1)	580	(3.3)	639	(4.1)	672	(4.1)
	Italy	290	(4.2)	328	(3.5)	397	(2.7)	553	(2.9)	621	(3.1)	659	(4.0)
	Japan	361	(4.8)	403	(5.7)	463	(3.7)	600	(3.3)	656	(3.6)	687	(2.7)
	Korea	366	(4.8)	405	(5.8)	467	(3.6)	599	(3.4)	658	(3.5)	686	(4.5)
	Luxembourg	304	(4.3)	339	(3.7)	400	(2.5)	540	(2.8)	604	(2.9)	639	(3.1)
	Mexico	249	(4.4)	286	(3.3)	346	(3.3)	480	(3.4)	540	(4.0)	572	(3.0)
	Netherlands	340	(7.2)	378	(6.3)	444	(4.5)	591	(3.1)	657	(4.4)	689	(2.9)
	New Zealand	356	(4.4)	393	(3.8)	456	(3.3)	607	(3.3)	667	(4.0)	699	(4.1)
	Norway	327	(6.1)	368	(4.9)	430	(3.5)	570	(3.1)	627	(3.5)	659	(3.2)
	Poland	329	(4.7)	365	(3.8)	427	(4.1)	573	(3.6)	639	(3.5)	673	(5.6)
	Portugal	327	(5.8)	361	(5.3)	415	(3.5)	546	(3.1)	602	(3.7)	632	(4.8)
	Slovak Republic	329	(6.5)	368	(3.5)	431	(4.1)	575	(3.8)	642	(3.9)	678	(5.9)
	Spain	314	(4.9)	355	(4.1)	420	(3.3)	566	(2.9)	635	(3.3)	673	(2.9)
	Sweden	328	(4.9)	365	(3.4)	427	(3.5)	567	(3.1)	630	(2.8)	670	(4.1)
	Switzerland	316	(4.5)	359	(4.4)	431	(3.3)	579	(3.0)	641	(4.6)	675	(4.8)
	Turkey	264	(5.4)	300	(4.7)	358	(3.7)	494	(5.3)	559	(6.4)	592	(7.9)
	United Kingdom	333	(4.6)	368	(3.0)	432	(2.7)	581	(2.5)	640	(2.3)	672	(3.2)
	United States	314	(6.2)	355	(6.2)	421	(6.0)	584	(4.4)	660	(5.1)	697	(5.2)
	OECD total	306	(2.4)	346	(1.6)	414	(1.8)	573	(1.5)	641	(1.9)	678	(2.4)
	OECD average	326	(1.0)	364	(0.9)	428	(0.7)	572	(0.6)	635	(0.7)	669	(0.8)
Partners	Argentina	197	(6.5)	238	(6.4)	307	(6.9)	463	(7.0)	527	(6.9)	566	(7.8)
	Azerbaijan	273	(5.2)	301	(2.9)	349	(3.1)	450	(3.6)	502	(4.7)	530	(4.8)
	Brazil	212	(5.0)	249	(3.6)	307	(2.6)	441	(3.7)	508	(6.0)	548	(4.2)
	Bulgaria	258	(10.8)	298	(6.6)	364	(6.0)	523	(6.1)	596	(6.2)	640	(7.5)
	Chile	279	(3.2)	309	(3.9)	362	(3.9)	494	(4.7)	554	(5.7)	587	(6.7)
	Colombia	194	(7.5)	238	(4.8)	301	(3.8)	442	(3.6)	505	(5.9)	545	(5.4)
	Croatia	339	(3.9)	376	(4.0)	430	(3.6)	562	(3.0)	624	(2.7)	661	(3.8)
	Estonia	378	(6.6)	415	(3.6)	476	(3.0)	609	(2.8)	666	(4.3)	697	(2.5)
	Hong Kong-China	359	(6.1)	400	(4.8)	460	(3.0)	592	(3.2)	647	(3.5)	678	(4.4)
	Indonesia	257	(3.8)	288	(4.3)	347	(3.3)	461	(3.2)	512	(5.0)	542	(6.0)
	Israel	233	(5.5)	274	(4.8)	340	(4.7)	494	(3.3)	565	(4.5)	600	(6.1)
	Jordan	242	(7.0)	284	(4.6)	350	(3.3)	497	(3.7)	560	(3.8)	593	(4.8)
	Kyrgyzstan	145	(5.5)	186	(3.9)	250	(4.3)	383	(3.4)	441	(3.5)	475	(5.5)
	Latvia	316	(7.2)	357	(5.5)	424	(4.5)	565	(4.9)	631	(6.5)	667	(3.6)
	Liechtenstein	336	(18.7)	377	(10.0)	443	(7.8)	585	(8.3)	643	(12.4)	676	(11.6)
	Lithuania	302	(4.7)	343	(3.5)	416	(4.2)	558	(4.2)	630	(4.7)	664	(3.8)
	Macao-China	364	(4.8)	394	(2.9)	446	(2.9)	567	(2.1)	617	(3.9)	644	(3.6)
	Montenegro	251	(4.2)	286	(3.9)	344	(2.6)	477	(2.6)	543	(3.9)	581	(4.9)
	Qatar	186	(4.4)	221	(3.5)	281	(1.2)	416	(2.9)	488	(3.2)	532	(3.0)
	Romania	255	(4.9)	285	(5.2)	344	(2.9)	471	(5.4)	533	(7.0)	562	(5.4)
	Russian Federation	311	(5.8)	349	(4.2)	409	(5.2)	553	(3.9)	621	(4.0)	660	(3.7)
	Serbia	275	(4.5)	312	(4.6)	373	(4.3)	509	(3.7)	570	(4.1)	606	(5.2)
	Slovenia	339	(3.6)	378	(3.9)	450	(3.3)	615	(3.4)	687	(4.5)	732	(4.0)
	Chinese Taipei	364	(4.2)	402	(4.9)	466	(4.0)	596	(2.4)	648	(2.7)	681	(3.3)
	Thailand	293	(5.1)	324	(2.8)	371	(2.7)	487	(2.1)	540	(4.6)	575	(4.4)
	Tunisia	193	(4.7)	231	(3.6)	288	(2.4)	419	(3.6)	482	(5.5)	517	(6.1)
	Uruguay	210	(8.4)	251	(5.1)	322	(3.5)	475	(3.4)	546	(3.1)	583	(4.6)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

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[Part 1/2]

Table 2.9 Mean score, variation and gender differences in student performance on the "Living systems" scale

Tableau 2.9 Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle « systèmes vivants »

		All students				Gender differences					
		Mean score		Standard deviation		Males		Females		Difference (M - F)	
		Mean	S.E.	S.D.	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.
OECD	Australia	522	(2.1)	108	(1.1)	522	(2.9)	521	(2.6)	1	(3.6)
	Austria	522	(3.4)	102	(2.1)	524	(4.2)	521	(4.3)	3	(5.1)
	Belgium	502	(2.2)	104	(1.5)	503	(3.0)	501	(2.9)	2	(3.9)
	Canada	530	(2.1)	106	(1.0)	534	(2.6)	527	(2.3)	**8**	(2.5)
	Czech Republic	525	(2.8)	94	(1.4)	528	(3.5)	521	(3.9)	7	(4.9)
	Denmark	505	(2.9)	104	(1.3)	510	(3.5)	499	(3.2)	**11**	(3.6)
	Finland	574	(1.8)	93	(1.4)	569	(2.4)	579	(2.5)	**-10**	(3.2)
	France	490	(3.0)	107	(1.6)	494	(3.8)	486	(3.7)	7	(4.4)
	Germany	524	(3.0)	99	(1.5)	526	(4.0)	522	(3.1)	4	(4.0)
	Greece	475	(2.7)	97	(1.5)	469	(3.8)	481	(2.8)	**-12**	(4.0)
	Hungary	509	(2.4)	98	(1.5)	515	(3.2)	503	(3.3)	**12**	(4.3)
	Iceland	481	(1.6)	94	(1.4)	479	(2.5)	484	(2.3)	-5	(3.5)
	Ireland	506	(3.0)	104	(1.3)	505	(4.0)	506	(3.4)	-2	(4.6)
	Italy	488	(1.7)	99	(1.0)	489	(2.5)	486	(2.3)	3	(3.3)
	Japan	526	(2.7)	93	(1.4)	529	(3.9)	523	(4.1)	6	(5.9)
	Korea	498	(2.8)	90	(1.7)	501	(4.1)	495	(3.2)	6	(4.7)
	Luxembourg	499	(1.4)	106	(1.2)	504	(2.3)	493	(2.2)	**11**	(3.4)
	Mexico	402	(2.2)	85	(1.0)	409	(2.8)	396	(2.2)	**13**	(2.5)
	Netherlands	509	(2.4)	92	(1.3)	512	(3.0)	507	(2.8)	5	(3.3)
	New Zealand	528	(2.7)	119	(1.4)	529	(3.7)	527	(4.0)	2	(5.6)
	Norway	496	(2.8)	106	(1.8)	495	(3.6)	498	(3.2)	-3	(3.8)
	Poland	509	(2.1)	98	(1.4)	510	(2.5)	508	(2.7)	2	(2.9)
	Portugal	475	(2.4)	86	(1.5)	480	(3.1)	470	(2.9)	**9**	(3.5)
	Slovak Republic	500	(2.3)	96	(1.8)	505	(3.6)	494	(3.0)	**11**	(4.8)
	Spain	498	(2.2)	102	(0.9)	502	(2.6)	493	(2.5)	**8**	(2.7)
	Sweden	512	(2.2)	98	(1.3)	513	(2.9)	511	(2.8)	2	(3.6)
	Switzerland	512	(2.8)	103	(1.3)	514	(3.2)	510	(3.1)	4	(3.0)
	Turkey	425	(3.6)	95	(2.2)	422	(4.4)	429	(4.0)	-7	(4.3)
	United Kingdom	525	(2.2)	116	(1.5)	530	(2.8)	521	(3.0)	**9**	(3.9)
	United States	487	(4.1)	117	(1.6)	491	(5.0)	482	(4.1)	**9**	(3.8)
	OECD total	490	(1.2)	110	(0.6)	493	(1.3)	487	(1.3)	**6**	(1.2)
	OECD average	502	(0.5)	100	(0.3)	504	(0.6)	500	(0.6)	**4**	(0.7)
Partners	Argentina	391	(5.2)	108	(1.8)	386	(5.2)	395	(6.2)	-9	(5.4)
	Azerbaijan	398	(2.6)	70	(1.3)	392	(3.1)	403	(2.8)	**-11**	(2.6)
	Brazil	403	(2.5)	97	(1.6)	409	(3.2)	398	(2.8)	**11**	(3.5)
	Bulgaria	445	(5.3)	111	(2.5)	436	(6.0)	455	(5.9)	**-19**	(5.6)
	Chile	434	(3.7)	101	(1.5)	447	(4.8)	420	(3.8)	**27**	(4.6)
	Colombia	384	(2.8)	91	(1.5)	391	(3.7)	377	(3.6)	**13**	(4.5)
	Croatia	498	(2.1)	90	(1.2)	495	(3.0)	500	(2.7)	-5	(3.9)
	Estonia	540	(2.4)	97	(1.4)	534	(3.0)	546	(2.9)	**-12**	(3.3)
	Hong Kong-China	558	(2.3)	95	(1.4)	564	(3.2)	552	(3.4)	**12**	(4.8)
	Indonesia	391	(2.8)	72	(1.3)	394	(3.6)	388	(3.0)	5	(3.4)
	Israel	458	(3.0)	113	(1.5)	460	(4.5)	457	(3.6)	2	(5.5)
	Jordan	450	(2.9)	105	(1.7)	435	(4.6)	465	(3.3)	**-31**	(5.4)
	Kyrgyzstan	330	(2.3)	91	(1.4)	330	(3.1)	330	(2.5)	0	(3.3)
	Latvia	481	(2.8)	90	(1.3)	480	(3.4)	483	(3.0)	-3	(3.3)
	Liechtenstein	524	(4.4)	100	(5.3)	521	(9.1)	526	(6.2)	-5	(12.5)
	Lithuania	503	(2.5)	105	(1.2)	500	(3.1)	506	(3.2)	-6	(3.7)
	Macao-China	525	(1.3)	81	(1.7)	528	(2.0)	522	(1.9)	**7**	(3.1)
	Montenegro	430	(1.5)	83	(1.2)	427	(1.9)	433	(2.3)	-6	(2.9)
	Qatar	361	(0.9)	77	(0.8)	343	(1.3)	380	(1.7)	**-37**	(2.4)
	Romania	426	(3.5)	90	(2.2)	429	(4.0)	423	(4.0)	6	(3.6)
	Russian Federation	490	(3.2)	95	(1.0)	495	(3.9)	485	(3.2)	**9**	(3.0)
	Serbia	449	(2.6)	90	(1.3)	444	(3.0)	455	(3.3)	**-11**	(3.5)
	Slovenia	517	(1.6)	104	(1.4)	515	(2.4)	519	(2.8)	-4	(4.1)
	Chinese Taipei	549	(3.3)	102	(1.4)	556	(3.7)	542	(4.7)	**15**	(5.3)
	Thailand	432	(1.8)	79	(1.3)	425	(2.8)	437	(2.1)	**-13**	(3.3)
	Tunisia	392	(2.6)	89	(1.7)	392	(3.0)	392	(3.3)	0	(3.6)
	Uruguay	433	(2.3)	104	(1.7)	434	(3.6)	432	(2.7)	2	(4.3)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

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[Part 2/2]

Table 2.9 **Mean score, variation and gender differences in student performance on the "Living systems" scale**

Tableau 2.9 **Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle « systèmes vivants »**

		Percentiles											
		5th		10th		25th		75th		90th		95th	
		Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
OECD	Australia	341	(2.2)	383	(2.8)	449	(2.7)	601	(2.2)	656	(3.2)	692	(3.9)
	Austria	352	(6.0)	389	(4.4)	451	(4.1)	594	(3.8)	652	(5.2)	686	(6.3)
	Belgium	324	(8.6)	362	(4.3)	434	(3.7)	576	(2.5)	631	(2.7)	664	(2.6)
	Canada	349	(5.5)	391	(4.4)	460	(3.0)	603	(2.7)	664	(2.2)	698	(2.7)
	Czech Republic	372	(3.8)	403	(3.5)	457	(3.7)	592	(3.5)	648	(4.3)	680	(4.3)
	Denmark	333	(5.2)	372	(5.0)	434	(3.8)	577	(3.5)	638	(3.7)	669	(4.3)
	Finland	418	(5.1)	455	(2.9)	511	(2.6)	637	(2.2)	688	(3.2)	724	(3.5)
	France	311	(7.0)	354	(3.8)	418	(5.4)	565	(4.2)	626	(3.5)	659	(4.5)
	Germany	355	(7.8)	390	(4.2)	457	(3.9)	593	(3.2)	649	(3.5)	682	(2.0)
	Greece	313	(5.3)	351	(4.8)	410	(4.9)	541	(3.9)	595	(3.0)	629	(3.8)
	Hungary	350	(6.2)	381	(2.4)	442	(3.7)	577	(4.7)	636	(2.7)	667	(3.2)
	Iceland	324	(6.1)	361	(3.2)	419	(3.1)	546	(2.9)	601	(2.4)	631	(3.1)
	Ireland	333	(5.8)	369	(3.7)	434	(3.3)	576	(2.8)	641	(3.3)	673	(4.3)
	Italy	326	(3.4)	358	(2.6)	419	(2.8)	556	(2.5)	615	(2.8)	652	(2.9)
	Japan	369	(7.4)	405	(4.4)	465	(4.8)	590	(3.5)	639	(2.3)	671	(4.0)
	Korea	350	(8.1)	384	(4.6)	436	(2.6)	562	(3.2)	611	(3.3)	641	(3.8)
	Luxembourg	321	(4.8)	358	(2.9)	426	(3.0)	573	(3.0)	635	(2.3)	670	(5.2)
	Mexico	262	(3.7)	295	(2.8)	345	(3.2)	460	(2.7)	511	(2.7)	542	(3.3)
	Netherlands	357	(5.0)	385	(3.6)	446	(4.2)	576	(2.6)	627	(3.6)	659	(3.2)
	New Zealand	334	(3.7)	372	(3.8)	446	(5.2)	611	(4.0)	679	(3.6)	720	(5.2)
	Norway	316	(7.1)	361	(7.3)	426	(4.0)	571	(3.6)	628	(3.7)	663	(4.2)
	Poland	351	(6.0)	382	(3.5)	443	(2.4)	577	(3.1)	639	(3.0)	670	(3.0)
	Portugal	334	(4.9)	365	(4.2)	415	(3.1)	535	(2.6)	587	(3.1)	615	(3.3)
	Slovak Republic	341	(3.2)	374	(3.5)	435	(3.5)	565	(3.8)	626	(3.2)	657	(5.6)
	Spain	330	(3.8)	364	(2.8)	428	(2.8)	568	(3.0)	629	(3.8)	665	(3.0)
	Sweden	350	(5.9)	382	(4.0)	446	(3.5)	579	(3.3)	638	(3.2)	670	(3.3)
	Switzerland	338	(5.7)	376	(3.4)	442	(3.0)	583	(3.3)	642	(3.1)	681	(5.7)
	Turkey	272	(3.1)	307	(3.7)	359	(2.7)	488	(6.0)	549	(7.5)	590	(6.5)
	United Kingdom	330	(5.1)	380	(3.4)	449	(2.9)	608	(3.1)	670	(3.3)	708	(3.0)
	United States	300	(5.3)	332	(5.1)	403	(5.2)	570	(4.3)	639	(5.2)	680	(4.5)
	OECD total	311	(2.3)	346	(2.5)	413	(1.8)	568	(1.5)	632	(1.5)	669	(1.6)
	OECD average	335	(1.0)	371	(0.7)	433	(0.7)	572	(0.6)	630	(0.7)	664	(0.7)
Partners	Argentina	207	(8.4)	250	(6.0)	317	(6.4)	466	(5.0)	528	(6.2)	566	(5.7)
	Azerbaijan	283	(3.7)	308	(3.9)	351	(2.6)	442	(3.3)	487	(4.5)	515	(4.9)
	Brazil	245	(4.9)	279	(3.6)	338	(3.0)	465	(3.8)	529	(5.2)	568	(6.9)
	Bulgaria	269	(7.6)	303	(6.2)	369	(5.5)	521	(6.2)	591	(8.6)	631	(6.7)
	Chile	272	(4.9)	309	(4.2)	366	(4.1)	502	(5.8)	569	(5.0)	606	(6.3)
	Colombia	229	(5.0)	265	(5.4)	325	(3.8)	444	(4.4)	498	(3.5)	531	(5.1)
	Croatia	354	(2.7)	383	(3.6)	436	(3.0)	558	(2.6)	616	(2.8)	650	(4.3)
	Estonia	376	(5.9)	415	(4.4)	474	(3.2)	608	(3.8)	664	(5.5)	696	(3.8)
	Hong Kong-China	398	(6.9)	432	(4.2)	496	(4.2)	625	(2.1)	676	(2.9)	706	(4.5)
	Indonesia	274	(2.8)	299	(2.6)	343	(3.0)	439	(3.1)	487	(5.3)	513	(5.7)
	Israel	276	(6.2)	317	(3.3)	382	(5.7)	538	(5.2)	604	(4.4)	645	(3.6)
	Jordan	277	(6.1)	316	(4.0)	381	(2.8)	522	(2.9)	585	(3.9)	622	(6.5)
	Kyrgyzstan	177	(3.8)	214	(5.1)	273	(3.9)	388	(2.8)	441	(4.2)	478	(3.3)
	Latvia	331	(6.0)	361	(4.1)	420	(4.5)	543	(3.6)	598	(4.2)	628	(5.1)
	Liechtenstein	359	(12.3)	397	(15.5)	453	(8.7)	595	(10.8)	646	(9.7)	682	(19.4)
	Lithuania	331	(4.0)	365	(3.9)	431	(3.7)	573	(3.7)	638	(3.9)	673	(5.6)
	Macao-China	389	(4.5)	416	(3.2)	472	(2.2)	581	(2.3)	631	(3.4)	656	(3.3)
	Montenegro	294	(3.8)	323	(2.7)	374	(2.1)	483	(2.3)	539	(4.3)	570	(4.7)
	Qatar	240	(3.1)	266	(1.7)	309	(2.0)	410	(1.6)	463	(2.8)	496	(2.8)
	Romania	283	(4.8)	316	(5.0)	364	(3.6)	485	(4.0)	547	(5.8)	578	(8.1)
	Russian Federation	336	(4.0)	366	(4.1)	426	(3.9)	554	(3.8)	613	(4.1)	645	(2.4)
	Serbia	304	(3.0)	332	(3.6)	388	(4.0)	510	(2.9)	570	(3.9)	597	(3.4)
	Slovenia	348	(3.7)	381	(2.9)	445	(2.9)	592	(2.7)	653	(2.7)	685	(5.6)
	Chinese Taipei	375	(5.4)	412	(4.2)	479	(4.2)	621	(3.5)	676	(3.0)	710	(4.1)
	Thailand	302	(4.1)	329	(3.0)	379	(2.4)	484	(2.7)	533	(4.2)	562	(3.8)
	Tunisia	247	(4.2)	277	(3.0)	330	(1.9)	449	(3.9)	508	(6.5)	540	(7.4)
	Uruguay	263	(7.1)	300	(4.3)	363	(4.1)	502	(3.5)	563	(3.4)	604	(3.9)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

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[Part 1/2]

Table 2.10 Mean score, variation and gender differences in student performance on the "Physical systems" scale

Tableau 2.10 Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle « systèmes physiques »

		All students				Gender differences					
		Mean score		Standard deviation		Males		Females		Difference (M - F)	
		Mean	S.E.	S.D.	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.
OECD	Australia	515	(1.9)	101	(1.0)	528	(2.6)	502	(2.3)	**26**	(3.2)
	Austria	518	(3.7)	105	(2.1)	540	(4.0)	495	(4.1)	**45**	(4.6)
	Belgium	507	(2.1)	103	(1.3)	519	(2.9)	494	(2.8)	**25**	(3.8)
	Canada	529	(1.9)	99	(1.0)	543	(2.4)	514	(2.0)	**29**	(2.4)
	Czech Republic	534	(3.3)	108	(1.6)	551	(3.9)	512	(4.3)	**39**	(5.4)
	Denmark	502	(2.8)	101	(1.4)	517	(3.3)	488	(3.3)	**29**	(3.5)
	Finland	560	(1.7)	93	(1.0)	576	(2.4)	544	(2.2)	**32**	(3.0)
	France	482	(2.7)	97	(1.4)	494	(3.4)	472	(3.5)	**22**	(4.2)
	Germany	516	(3.1)	105	(1.4)	526	(4.1)	506	(3.2)	**20**	(4.1)
	Greece	474	(2.8)	101	(1.7)	482	(3.8)	467	(3.2)	**15**	(4.1)
	Hungary	533	(2.5)	97	(1.4)	550	(3.2)	514	(3.2)	**36**	(4.1)
	Iceland	493	(1.6)	96	(1.2)	501	(2.5)	486	(2.5)	**15**	(3.8)
	Ireland	504	(2.6)	96	(1.2)	516	(3.7)	493	(3.0)	**23**	(4.0)
	Italy	472	(1.7)	99	(1.0)	485	(2.5)	460	(2.4)	**25**	(3.5)
	Japan	530	(3.2)	107	(1.5)	541	(4.4)	519	(4.5)	**22**	(6.4)
	Korea	530	(3.0)	99	(1.8)	537	(4.5)	522	(3.6)	**15**	(5.4)
	Luxembourg	474	(1.1)	92	(1.4)	493	(2.1)	455	(1.9)	**38**	(3.3)
	Mexico	414	(2.1)	84	(1.0)	423	(2.8)	406	(2.1)	**18**	(2.6)
	Netherlands	531	(2.5)	96	(1.4)	547	(3.3)	515	(2.9)	**32**	(3.6)
	New Zealand	516	(2.4)	110	(1.2)	529	(3.4)	503	(3.5)	**26**	(5.0)
	Norway	491	(2.7)	102	(1.7)	500	(3.5)	482	(3.0)	**18**	(3.6)
	Poland	497	(2.1)	95	(1.1)	512	(2.4)	482	(2.6)	**30**	(2.8)
	Portugal	462	(2.4)	87	(1.6)	476	(3.0)	449	(2.8)	**27**	(3.2)
	Slovak Republic	504	(2.5)	103	(1.6)	520	(3.8)	486	(2.8)	**35**	(4.6)
	Spain	477	(1.8)	90	(0.7)	488	(2.2)	465	(2.1)	**23**	(2.3)
	Sweden	517	(2.2)	102	(1.5)	526	(2.6)	507	(2.9)	**19**	(3.3)
	Switzerland	506	(2.6)	99	(1.1)	522	(3.2)	490	(3.1)	**32**	(3.2)
	Turkey	416	(3.1)	85	(1.9)	417	(3.8)	415	(3.5)	2	(3.9)
	United Kingdom	508	(2.0)	109	(1.3)	526	(2.7)	492	(2.5)	**34**	(3.4)
	United States	485	(3.8)	109	(1.3)	495	(4.8)	475	(3.8)	**20**	(4.1)
	OECD total	**489**	**(1.1)**	**107**	**(0.5)**	**500**	**(1.3)**	**478**	**(1.2)**	**22**	**(1.3)**
	OECD average	**500**	**(0.5)**	**99**	**(0.3)**	**513**	**(0.6)**	**487**	**(0.6)**	**26**	**(0.7)**
Partners	Argentina	383	(4.7)	102	(1.8)	385	(4.8)	382	(5.7)	2	(4.9)
	Azerbaijan	433	(2.1)	64	(1.2)	429	(2.5)	436	(2.4)	**-7**	(2.5)
	Brazil	385	(2.6)	99	(1.6)	398	(3.3)	374	(2.7)	**24**	(3.0)
	Bulgaria	436	(4.6)	98	(2.2)	437	(5.2)	435	(5.3)	2	(5.1)
	Chile	433	(3.6)	99	(1.4)	452	(4.6)	411	(3.6)	**40**	(4.3)
	Colombia	378	(2.7)	93	(1.5)	389	(3.5)	369	(3.7)	**20**	(4.6)
	Croatia	493	(2.2)	89	(1.3)	508	(3.0)	478	(2.7)	**30**	(3.9)
	Estonia	535	(2.0)	87	(1.2)	547	(2.7)	522	(2.4)	**25**	(3.1)
	Hong Kong-China	546	(2.4)	98	(1.4)	563	(3.4)	529	(3.4)	**34**	(4.8)
	Indonesia	386	(3.0)	74	(1.2)	393	(4.2)	378	(3.1)	**15**	(4.1)
	Israel	443	(3.1)	110	(1.4)	453	(4.5)	433	(3.9)	**20**	(5.7)
	Jordan	433	(2.6)	95	(1.6)	427	(4.1)	439	(2.9)	**-13**	(4.9)
	Kyrgyzstan	349	(2.2)	87	(1.4)	352	(3.0)	347	(2.4)	5	(3.0)
	Latvia	495	(2.4)	83	(1.2)	507	(3.1)	483	(2.8)	**24**	(3.1)
	Liechtenstein	515	(4.1)	97	(4.2)	527	(8.3)	505	(6.1)	22	(11.8)
	Lithuania	490	(2.2)	89	(1.2)	499	(2.6)	481	(2.6)	**18**	(2.8)
	Macao-China	518	(1.6)	93	(1.4)	527	(2.0)	508	(2.6)	**19**	(3.5)
	Montenegro	407	(1.5)	78	(1.2)	414	(1.9)	400	(2.1)	**14**	(2.7)
	Qatar	358	(1.0)	100	(1.1)	345	(2.0)	370	(2.0)	**-25**	(3.5)
	Romania	429	(3.2)	76	(1.9)	435	(3.6)	422	(3.5)	**13**	(2.9)
	Russian Federation	479	(2.9)	93	(1.3)	495	(3.6)	465	(3.1)	**30**	(3.2)
	Serbia	435	(2.7)	90	(1.1)	442	(3.4)	428	(3.3)	**14**	(3.6)
	Slovenia	531	(1.5)	104	(1.4)	546	(2.3)	516	(2.3)	**31**	(3.5)
	Chinese Taipei	545	(3.1)	100	(1.4)	558	(3.6)	532	(4.5)	**25**	(5.1)
	Thailand	407	(1.8)	80	(1.2)	411	(2.9)	405	(2.1)	6	(3.4)
	Tunisia	393	(2.2)	79	(1.4)	399	(2.5)	387	(2.7)	**12**	(2.9)
	Uruguay	421	(2.4)	97	(1.3)	428	(3.5)	415	(2.9)	**14**	(4.2)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

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[Part 2/2]

Table 2.10 **Mean score, variation and gender differences in student performance on the "Physical systems" scale**

Tableau 2.10 **Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle « systèmes physiques »**

		Percentiles											
		5th		10th		25th		75th		90th		95th	
		Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
OECD	Australia	350	(4.1)	387	(3.2)	447	(2.4)	586	(1.9)	641	(3.0)	676	(3.8)
	Austria	342	(6.6)	380	(6.9)	446	(4.5)	590	(4.1)	651	(5.3)	690	(4.7)
	Belgium	337	(4.5)	372	(4.1)	437	(3.4)	579	(2.2)	639	(2.7)	674	(3.3)
	Canada	361	(4.5)	399	(3.5)	465	(2.6)	597	(2.5)	652	(2.3)	687	(3.1)
	Czech Republic	359	(7.0)	393	(4.8)	459	(4.5)	608	(4.3)	675	(4.7)	711	(4.4)
	Denmark	333	(5.3)	372	(4.9)	434	(4.1)	573	(3.7)	631	(3.5)	667	(5.3)
	Finland	406	(3.6)	439	(3.6)	497	(3.3)	624	(2.2)	680	(2.4)	709	(3.5)
	France	317	(6.3)	356	(4.7)	418	(4.1)	548	(2.9)	605	(4.1)	635	(4.3)
	Germany	339	(4.6)	376	(4.8)	443	(4.0)	588	(3.5)	650	(4.4)	690	(6.6)
	Greece	306	(6.7)	343	(3.3)	406	(3.5)	545	(4.9)	605	(3.7)	638	(3.4)
	Hungary	376	(6.0)	407	(2.8)	465	(3.0)	601	(4.0)	663	(3.9)	692	(5.0)
	Iceland	331	(5.5)	369	(3.0)	428	(3.3)	558	(1.8)	617	(3.1)	647	(3.4)
	Ireland	347	(3.9)	380	(4.9)	439	(4.3)	570	(3.1)	630	(3.5)	664	(4.4)
	Italy	311	(2.6)	343	(2.9)	403	(2.8)	541	(2.3)	602	(2.8)	636	(2.6)
	Japan	344	(6.0)	390	(5.4)	460	(4.9)	603	(2.8)	664	(3.7)	697	(2.9)
	Korea	361	(7.6)	401	(5.1)	464	(4.5)	598	(3.2)	655	(3.6)	689	(4.2)
	Luxembourg	325	(3.9)	353	(2.8)	409	(2.8)	538	(2.0)	594	(3.2)	628	(3.5)
	Mexico	276	(3.5)	307	(2.9)	358	(2.8)	472	(3.1)	524	(3.1)	553	(3.3)
	Netherlands	373	(6.1)	403	(4.4)	463	(4.2)	599	(2.4)	653	(2.9)	687	(3.4)
	New Zealand	332	(4.8)	374	(4.3)	440	(3.7)	593	(2.6)	657	(3.9)	692	(3.4)
	Norway	322	(5.3)	361	(4.5)	423	(4.6)	562	(3.1)	621	(3.5)	654	(3.7)
	Poland	346	(3.9)	373	(3.3)	430	(3.0)	563	(3.0)	620	(4.1)	654	(3.6)
	Portugal	320	(5.7)	351	(3.6)	402	(3.4)	521	(3.4)	573	(4.2)	605	(3.4)
	Slovak Republic	337	(4.9)	370	(4.1)	431	(3.1)	573	(4.2)	639	(5.4)	674	(4.4)
	Spain	329	(3.2)	358	(2.8)	413	(2.7)	539	(2.4)	595	(2.8)	627	(2.9)
	Sweden	351	(3.7)	383	(2.9)	446	(2.7)	587	(2.9)	647	(5.7)	685	(4.7)
	Switzerland	344	(4.2)	380	(3.3)	439	(3.1)	574	(3.3)	632	(5.0)	667	(4.3)
	Turkey	283	(3.1)	310	(3.5)	358	(2.9)	473	(5.0)	528	(4.8)	560	(6.5)
	United Kingdom	332	(5.1)	370	(4.0)	435	(2.2)	585	(2.5)	647	(2.6)	683	(2.8)
	United States	312	(4.4)	344	(5.3)	403	(5.2)	561	(4.2)	630	(3.6)	664	(4.1)
	OECD total	315	(1.6)	350	(1.5)	412	(2.0)	563	(1.8)	629	(1.4)	665	(1.6)
	OECD average	337	(0.9)	371	(0.7)	432	(0.7)	568	(0.6)	627	(0.7)	661	(0.7)
Partners	Argentina	213	(8.6)	251	(7.0)	317	(5.8)	450	(5.9)	513	(5.1)	548	(7.1)
	Azerbaijan	329	(3.7)	352	(3.1)	389	(2.9)	474	(3.2)	517	(4.3)	542	(3.6)
	Brazil	225	(2.6)	257	(3.6)	319	(2.6)	448	(3.1)	512	(4.7)	555	(6.8)
	Bulgaria	279	(4.9)	315	(5.8)	368	(4.9)	501	(5.1)	562	(5.9)	601	(7.0)
	Chile	281	(4.8)	310	(3.6)	366	(4.0)	500	(4.5)	563	(4.6)	600	(4.3)
	Colombia	221	(4.3)	255	(5.5)	316	(4.3)	440	(3.6)	495	(4.2)	528	(4.9)
	Croatia	351	(4.2)	381	(2.8)	430	(3.4)	552	(2.8)	609	(3.0)	641	(3.0)
	Estonia	390	(5.3)	422	(4.1)	476	(2.8)	596	(3.8)	648	(3.6)	677	(2.6)
	Hong Kong-China	377	(4.9)	414	(3.8)	481	(3.7)	614	(3.3)	670	(2.9)	700	(3.6)
	Indonesia	266	(4.6)	291	(2.5)	334	(3.6)	436	(4.1)	485	(5.3)	512	(6.0)
	Israel	262	(5.9)	303	(4.6)	366	(3.3)	517	(3.9)	587	(4.2)	620	(4.9)
	Jordan	275	(4.3)	312	(4.2)	369	(3.5)	499	(4.1)	555	(4.3)	588	(5.5)
	Kyrgyzstan	204	(5.2)	238	(3.3)	293	(3.6)	407	(2.9)	459	(3.6)	488	(3.5)
	Latvia	359	(4.2)	387	(3.0)	436	(4.0)	551	(3.2)	603	(4.8)	633	(4.0)
	Liechtenstein	360	(13.0)	390	(11.0)	447	(7.3)	584	(8.0)	640	(11.4)	675	(15.7)
	Lithuania	343	(4.4)	373	(2.4)	428	(3.0)	551	(3.5)	608	(3.5)	637	(3.4)
	Macao-China	366	(4.6)	394	(2.9)	453	(3.2)	582	(2.9)	637	(4.1)	669	(3.6)
	Montenegro	281	(3.8)	306	(3.3)	354	(2.9)	459	(2.6)	510	(3.3)	542	(5.3)
	Qatar	204	(3.8)	236	(3.5)	291	(2.5)	418	(2.1)	489	(3.4)	531	(3.5)
	Romania	307	(4.2)	332	(3.8)	376	(3.3)	479	(4.2)	529	(5.4)	561	(7.7)
	Russian Federation	329	(3.7)	359	(3.9)	415	(4.5)	541	(3.0)	602	(2.7)	634	(4.3)
	Serbia	289	(4.5)	318	(3.0)	372	(4.7)	496	(3.1)	555	(4.1)	587	(4.7)
	Slovenia	359	(3.2)	396	(3.2)	455	(2.3)	605	(2.8)	666	(5.3)	704	(4.8)
	Chinese Taipei	375	(4.7)	410	(4.2)	479	(4.8)	616	(2.5)	671	(3.2)	702	(3.2)
	Thailand	280	(2.7)	303	(3.7)	353	(2.5)	460	(2.6)	513	(3.7)	545	(3.1)
	Tunisia	264	(3.8)	290	(3.2)	339	(2.4)	445	(3.4)	499	(4.6)	526	(5.5)
	Uruguay	259	(4.4)	298	(6.0)	357	(3.2)	489	(4.6)	547	(4.9)	581	(4.1)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

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[Part 1/2]

Table 3.1 Mean score, variation and gender differences on the *interest in learning science topics* scale

Tableau 3.1 Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle *intérêt pour l'acquisition de nouveaux savoirs et savoir-faire en sciences*

		All students				Gender differences					
		Mean score		Standard deviation		Males		Females		Difference (M - F)	
		Mean	S.E.	S.D.	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.
OECD	Australia	465	(1.3)	97	(0.9)	467	(1.8)	463	(1.9)	4	(2.6)
	Austria	507	(1.9)	87	(1.1)	508	(2.6)	505	(2.7)	4	(3.6)
	Belgium	503	(1.4)	92	(1.1)	506	(1.9)	499	(2.0)	**6**	(2.6)
	Canada	469	(1.5)	104	(1.3)	471	(1.9)	467	(1.8)	4	(2.3)
	Czech Republic	489	(2.0)	91	(1.5)	482	(2.5)	499	(2.4)	**-17**	(2.9)
	Denmark	463	(1.8)	92	(1.2)	455	(2.6)	471	(2.3)	**-17**	(3.3)
	Finland	448	(2.1)	92	(1.2)	445	(2.6)	451	(2.4)	**-7**	(2.8)
	France	520	(2.4)	96	(1.4)	522	(3.1)	518	(2.5)	4	(3.0)
	Germany	513	(1.8)	88	(1.2)	514	(2.5)	512	(2.1)	2	(2.9)
	Greece	549	(1.7)	91	(1.3)	546	(2.2)	552	(2.4)	**-6**	(3.1)
	Hungary	522	(1.9)	82	(1.5)	518	(2.5)	526	(2.3)	**-9**	(3.1)
	Iceland	466	(2.1)	108	(1.9)	464	(3.1)	468	(2.5)	-3	(3.8)
	Ireland	481	(1.9)	89	(1.4)	484	(2.3)	478	(2.7)	6	(3.4)
	Italy	529	(1.3)	78	(0.8)	533	(2.0)	525	(1.5)	**8**	(2.3)
	Japan	512	(2.1)	104	(1.5)	518	(3.0)	505	(2.5)	**13**	(3.6)
	Korea	486	(2.1)	94	(1.7)	491	(2.8)	480	(2.7)	**11**	(3.6)
	Luxembourg	515	(1.4)	93	(1.3)	515	(2.0)	514	(2.1)	0	(3.0)
	Mexico	611	(1.7)	87	(1.0)	607	(2.3)	614	(2.0)	**-7**	(2.4)
	Netherlands	452	(2.0)	88	(1.4)	458	(2.4)	445	(2.4)	**13**	(2.7)
	New Zealand	461	(2.0)	100	(1.6)	464	(2.8)	459	(2.7)	5	(3.9)
	Norway	472	(2.2)	103	(1.4)	470	(2.9)	475	(2.9)	-5	(3.8)
	Poland	501	(1.8)	83	(1.2)	502	(2.2)	499	(2.2)	3	(2.5)
	Portugal	571	(1.8)	79	(1.1)	570	(2.4)	571	(2.0)	-1	(2.6)
	Slovak Republic	522	(1.9)	84	(1.4)	526	(2.5)	517	(2.6)	**10**	(3.2)
	Spain	534	(1.6)	89	(0.8)	535	(2.2)	533	(1.9)	2	(2.7)
	Sweden	454	(2.3)	91	(1.7)	447	(3.4)	462	(2.2)	**-15**	(3.6)
	Switzerland	504	(1.5)	88	(1.0)	506	(2.0)	501	(2.0)	5	(2.7)
	Turkey	540	(2.6)	103	(1.5)	545	(3.2)	534	(3.1)	**11**	(3.5)
	United Kingdom	464	(1.7)	96	(1.2)	465	(2.2)	462	(2.5)	3	(3.2)
	United States	480	(2.8)	104	(1.5)	489	(3.1)	470	(3.2)	**19**	(2.9)
	OECD total	507	(0.9)	105	(0.5)	510	(1.0)	503	(1.1)	**7**	(1.1)
	OECD average	500	(0.3)	92	(0.2)	501	(0.5)	499	(0.4)	**2**	(0.6)
Partners	Argentina	567	(3.0)	89	(1.3)	562	(3.8)	572	(3.0)	**-10**	(3.3)
	Azerbaijan	612	(2.3)	74	(1.2)	609	(2.6)	615	(2.9)	**-6**	(3.0)
	Brazil	592	(2.2)	92	(1.1)	588	(2.8)	596	(2.5)	**-8**	(3.0)
	Bulgaria	523	(2.4)	113	(1.9)	516	(2.8)	530	(3.2)	**-13**	(3.6)
	Chile	591	(3.3)	99	(1.4)	588	(3.9)	595	(4.1)	-7	(4.5)
	Colombia	644	(3.5)	103	(1.7)	633	(4.5)	652	(3.5)	**-19**	(3.9)
	Croatia	535	(1.9)	88	(1.1)	534	(2.6)	537	(2.4)	-4	(3.2)
	Estonia	502	(1.5)	76	(1.2)	500	(2.2)	504	(1.9)	-4	(2.8)
	Hong Kong-China	536	(2.1)	104	(1.7)	547	(3.0)	525	(2.6)	**22**	(3.6)
	Indonesia	608	(2.1)	76	(1.0)	600	(2.4)	616	(2.5)	**-16**	(3.0)
	Israel	509	(2.6)	114	(2.1)	512	(3.5)	506	(3.4)	6	(4.6)
	Jordan	609	(1.9)	83	(1.3)	602	(2.7)	617	(2.5)	**-15**	(3.6)
	Kyrgyzstan	580	(1.8)	81	(1.1)	571	(2.3)	588	(2.1)	**-17**	(2.5)
	Latvia	504	(1.9)	71	(1.2)	503	(2.4)	504	(2.3)	-1	(2.8)
	Liechtenstein	504	(5.5)	86	(5.2)	502	(8.5)	506	(6.9)	-5	(10.8)
	Lithuania	544	(1.9)	85	(1.3)	537	(2.5)	552	(2.2)	**-14**	(2.9)
	Macao-China	524	(1.8)	94	(1.3)	527	(2.6)	520	(2.0)	**8**	(3.1)
	Montenegro	561	(1.6)	97	(1.4)	551	(2.1)	571	(2.4)	**-20**	(3.1)
	Qatar	565	(1.3)	106	(1.3)	568	(1.9)	562	(2.1)	6	(3.2)
	Romania	591	(2.3)	83	(1.6)	588	(3.5)	594	(2.3)	-6	(3.8)
	Russian Federation	541	(2.1)	76	(1.1)	538	(2.5)	544	(2.4)	**-6**	(2.7)
	Serbia	523	(2.0)	90	(1.4)	523	(2.9)	522	(2.3)	1	(3.3)
	Slovenia	505	(1.4)	96	(1.2)	511	(1.8)	499	(2.2)	**12**	(3.0)
	Chinese Taipei	533	(2.0)	105	(1.5)	542	(2.9)	524	(2.3)	**18**	(3.1)
	Thailand	642	(1.9)	81	(1.1)	630	(2.6)	651	(2.3)	**-20**	(3.2)
	Tunisia	590	(1.9)	85	(1.2)	588	(2.4)	593	(2.4)	-5	(3.0)
	Uruguay	567	(2.2)	92	(1.4)	566	(3.0)	568	(2.5)	-1	(3.4)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

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[Part 2/2]

Table 3.1 **Mean score, variation and gender differences on the *interest in learning science topics* scale**

Tableau 3.1 **Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle *intérêt pour l'acquisition de nouveaux savoirs et savoir-faire en sciences***

		Percentiles											
		5th		10th		25th		75th		90th		95th	
		Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
OECD	Australia	292	(3.6)	343	(2.6)	411	(1.7)	527	(1.3)	579	(2.2)	614	(2.7)
	Austria	359	(4.3)	398	(3.5)	453	(2.5)	563	(2.2)	613	(3.0)	644	(3.7)
	Belgium	349	(3.8)	390	(2.5)	446	(2.0)	562	(2.0)	615	(2.3)	648	(2.7)
	Canada	288	(4.0)	340	(3.1)	411	(1.9)	534	(1.6)	590	(2.5)	629	(3.3)
	Czech Republic	331	(5.7)	376	(4.6)	435	(2.6)	548	(1.9)	599	(3.1)	628	(3.7)
	Denmark	300	(6.3)	343	(4.9)	410	(2.9)	523	(2.2)	573	(2.5)	602	(3.0)
	Finland	290	(4.6)	330	(4.0)	392	(2.8)	509	(2.4)	559	(2.7)	590	(3.1)
	France	363	(5.5)	405	(3.6)	462	(2.9)	581	(2.8)	635	(3.4)	671	(4.1)
	Germany	365	(5.4)	404	(3.4)	460	(2.3)	570	(2.2)	619	(2.6)	650	(3.9)
	Greece	399	(4.6)	436	(2.9)	492	(2.2)	606	(2.3)	660	(3.1)	697	(4.7)
	Hungary	384	(4.6)	420	(3.6)	472	(2.4)	576	(2.4)	621	(3.5)	649	(3.9)
	Iceland	267	(7.9)	328	(5.6)	407	(2.9)	535	(2.7)	590	(2.8)	627	(4.7)
	Ireland	329	(4.8)	370	(3.7)	428	(2.4)	539	(2.4)	589	(2.9)	621	(4.2)
	Italy	407	(2.3)	437	(1.8)	480	(1.5)	577	(1.7)	625	(2.2)	658	(2.8)
	Japan	332	(5.6)	386	(4.7)	455	(2.5)	575	(2.1)	632	(3.2)	670	(5.0)
	Korea	323	(6.2)	373	(3.9)	434	(2.3)	540	(2.3)	593	(3.3)	631	(5.4)
	Luxembourg	357	(4.3)	398	(3.3)	458	(1.9)	575	(1.8)	627	(2.8)	661	(3.5)
	Mexico	472	(3.1)	503	(2.1)	554	(2.0)	667	(2.4)	721	(3.0)	757	(3.9)
	Netherlands	296	(4.4)	341	(3.4)	401	(2.0)	507	(2.3)	557	(3.5)	590	(5.1)
	New Zealand	285	(5.5)	334	(3.8)	404	(2.5)	524	(2.3)	579	(3.3)	615	(4.2)
	Norway	287	(6.8)	345	(5.4)	416	(2.7)	537	(2.5)	592	(2.6)	627	(3.8)
	Poland	364	(4.5)	400	(2.9)	450	(2.2)	553	(2.3)	601	(2.9)	635	(4.2)
	Portugal	446	(3.1)	474	(2.7)	520	(1.9)	619	(2.3)	669	(2.8)	704	(4.2)
	Slovak Republic	382	(4.3)	417	(3.3)	468	(2.1)	575	(2.3)	625	(3.1)	659	(4.0)
	Spain	390	(2.7)	426	(2.3)	478	(1.7)	591	(2.0)	644	(2.9)	680	(3.5)
	Sweden	291	(7.8)	339	(5.5)	405	(3.4)	510	(2.6)	559	(3.2)	593	(4.0)
	Switzerland	354	(4.0)	393	(3.0)	450	(2.5)	561	(1.9)	611	(2.7)	643	(2.7)
	Turkey	372	(5.6)	413	(3.7)	473	(3.3)	606	(3.4)	669	(4.5)	710	(6.6)
	United Kingdom	295	(4.7)	341	(3.7)	408	(2.4)	525	(2.1)	579	(2.8)	613	(3.7)
	United States	300	(6.1)	351	(4.7)	418	(3.1)	545	(3.7)	606	(5.5)	644	(6.5)
	OECD total	332	(2.4)	380	(1.5)	444	(1.0)	573	(1.2)	635	(1.3)	675	(1.4)
	OECD average	342	(0.9)	385	(0.7)	445	(0.4)	559	(0.4)	611	(0.6)	645	(0.8)
Partners	Argentina	423	(5.8)	457	(3.4)	510	(3.3)	626	(3.6)	680	(4.1)	712	(5.5)
	Azerbaijan	497	(3.2)	522	(2.5)	562	(2.4)	656	(3.3)	707	(4.7)	739	(5.0)
	Brazil	446	(4.6)	478	(3.2)	530	(2.8)	651	(2.6)	710	(2.8)	748	(3.5)
	Bulgaria	339	(4.9)	386	(4.0)	452	(3.1)	592	(3.6)	659	(4.7)	703	(5.9)
	Chile	432	(5.7)	469	(3.5)	526	(3.6)	654	(4.0)	716	(5.7)	756	(5.5)
	Colombia	478	(4.7)	516	(4.6)	573	(3.7)	710	(4.9)	780	(7.7)	823	(6.9)
	Croatia	390	(3.9)	427	(3.7)	481	(2.4)	591	(2.5)	644	(3.0)	677	(3.5)
	Estonia	379	(4.4)	411	(3.2)	457	(2.3)	550	(2.2)	596	(2.9)	624	(3.0)
	Hong Kong-China	365	(6.2)	412	(4.0)	476	(2.7)	599	(2.5)	660	(3.3)	703	(5.7)
	Indonesia	492	(2.9)	515	(2.8)	556	(2.7)	657	(2.8)	707	(3.2)	739	(3.8)
	Israel	318	(7.3)	370	(5.5)	442	(2.8)	578	(3.4)	650	(6.3)	699	(6.6)
	Jordan	480	(3.9)	508	(3.0)	556	(2.2)	662	(2.4)	714	(2.7)	747	(3.5)
	Kyrgyzstan	453	(3.1)	481	(2.4)	526	(2.0)	631	(2.3)	685	(3.4)	720	(4.2)
	Latvia	388	(4.0)	416	(2.6)	459	(2.4)	548	(2.3)	591	(3.1)	619	(4.3)
	Liechtenstein	371	(14.4)	398	(12.4)	450	(10.0)	557	(9.9)	609	(11.8)	637	(20.4)
	Lithuania	409	(4.7)	440	(3.2)	491	(2.4)	599	(2.8)	651	(2.8)	685	(4.5)
	Macao-China	370	(5.6)	410	(3.0)	468	(2.1)	582	(2.3)	637	(3.4)	674	(5.7)
	Montenegro	402	(5.2)	442	(3.4)	501	(2.7)	622	(2.0)	679	(3.1)	720	(4.1)
	Qatar	400	(4.8)	444	(2.8)	502	(1.9)	627	(2.3)	698	(2.9)	748	(4.5)
	Romania	460	(4.8)	491	(4.7)	539	(4.1)	641	(2.7)	696	(3.2)	733	(5.2)
	Russian Federation	422	(3.4)	450	(2.7)	492	(2.5)	588	(2.3)	636	(2.9)	667	(3.6)
	Serbia	376	(4.9)	413	(2.7)	466	(2.3)	580	(2.5)	633	(3.2)	669	(4.4)
	Slovenia	346	(4.5)	385	(2.8)	448	(1.9)	565	(2.1)	621	(3.2)	658	(5.3)
	Chinese Taipei	357	(6.0)	407	(3.7)	472	(2.6)	598	(2.6)	659	(3.4)	700	(4.5)
	Thailand	516	(3.2)	543	(2.7)	587	(2.0)	693	(3.0)	747	(2.9)	784	(3.7)
	Tunisia	461	(4.8)	488	(2.9)	533	(2.2)	643	(2.5)	699	(4.4)	738	(4.6)
	Uruguay	416	(4.5)	453	(3.5)	509	(3.1)	625	(2.6)	681	(3.4)	717	(4.8)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

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[Part 1/2]

Table 3.2 Mean score, variation and gender differences on the *support for scientific enquiry* scale

Tableau 3.2 Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle *valeur accordée à la démarche scientifique*

		All students				Gender differences					
		Mean score		Standard deviation		Males		Females		Difference (M - F)	
		Mean	S.E.	S.D.	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.
OECD	Australia	487	(1.6)	98	(0.9)	488	(2.4)	486	(1.8)	2	(2.8)
	Austria	515	(2.4)	112	(2.0)	515	(3.3)	515	(3.0)	0	(4.1)
	Belgium	492	(1.7)	88	(1.2)	492	(2.3)	492	(2.0)	0	(2.7)
	Canada	501	(1.9)	105	(1.1)	497	(2.5)	504	(2.0)	**-7**	(2.5)
	Czech Republic	485	(2.4)	80	(1.6)	484	(2.8)	485	(3.0)	-1	(3.4)
	Denmark	483	(2.6)	85	(1.5)	484	(3.2)	482	(2.9)	2	(3.2)
	Finland	479	(2.0)	86	(1.4)	471	(2.7)	487	(2.3)	**-16**	(2.9)
	France	507	(2.5)	94	(1.6)	513	(3.6)	501	(2.7)	**12**	(3.8)
	Germany	518	(2.7)	113	(1.5)	517	(3.5)	519	(3.0)	-2	(3.5)
	Greece	533	(2.4)	95	(1.4)	525	(2.9)	540	(3.1)	**-15**	(3.8)
	Hungary	512	(2.0)	87	(1.7)	506	(3.2)	517	(2.2)	**-11**	(3.7)
	Iceland	491	(2.2)	112	(1.9)	484	(3.0)	498	(2.8)	**-14**	(3.7)
	Ireland	484	(1.9)	86	(1.1)	488	(2.3)	481	(2.6)	**7**	(3.0)
	Italy	511	(1.6)	90	(1.1)	508	(2.1)	513	(2.1)	-5	(2.6)
	Japan	468	(2.3)	111	(1.8)	475	(3.5)	460	(3.1)	**16**	(4.7)
	Korea	495	(2.4)	99	(1.9)	501	(3.3)	490	(3.3)	**11**	(4.2)
	Luxembourg	522	(1.9)	117	(1.5)	523	(2.9)	520	(2.6)	3	(3.9)
	Mexico	536	(2.0)	90	(1.2)	538	(2.5)	534	(2.0)	**5**	(2.2)
	Netherlands	447	(1.7)	69	(1.0)	450	(1.9)	444	(2.2)	**6**	(2.3)
	New Zealand	470	(1.8)	89	(1.3)	471	(2.6)	469	(2.6)	2	(3.7)
	Norway	485	(2.5)	111	(1.6)	482	(3.3)	489	(3.3)	-7	(4.3)
	Poland	513	(2.2)	89	(1.3)	510	(2.5)	516	(2.6)	**-6**	(2.7)
	Portugal	538	(2.0)	88	(1.3)	541	(2.5)	535	(2.6)	**7**	(3.2)
	Slovak Republic	497	(2.0)	76	(1.1)	502	(2.7)	492	(2.5)	**10**	(3.5)
	Spain	529	(1.7)	91	(1.0)	532	(2.5)	526	(1.9)	**6**	(2.8)
	Sweden	471	(3.0)	100	(1.8)	469	(3.9)	473	(2.9)	-4	(3.6)
	Switzerland	510	(2.0)	103	(1.1)	511	(2.5)	510	(2.5)	1	(3.0)
	Turkey	563	(3.3)	126	(2.0)	549	(3.8)	579	(3.7)	**-30**	(3.9)
	United Kingdom	470	(1.8)	89	(1.0)	476	(2.2)	464	(2.5)	**12**	(3.0)
	United States	490	(2.5)	99	(1.4)	491	(3.1)	490	(2.8)	2	(3.2)
	OECD total	501	(0.8)	103	(0.5)	503	(1.0)	500	(0.9)	2	(1.1)
	OECD average	500	(0.4)	96	(0.3)	500	(0.5)	500	(0.5)	-1	(0.6)
Partners	Argentina	506	(2.9)	89	(1.8)	503	(4.0)	509	(3.1)	-6	(4.0)
	Azerbaijan	542	(2.8)	98	(1.4)	538	(3.3)	545	(3.4)	**-7**	(3.6)
	Brazil	519	(1.8)	92	(1.4)	520	(2.8)	518	(2.1)	2	(3.3)
	Bulgaria	527	(3.9)	112	(2.2)	515	(4.8)	539	(4.1)	**-24**	(4.8)
	Chile	564	(3.0)	108	(1.6)	567	(3.2)	561	(4.2)	6	(4.4)
	Colombia	546	(2.6)	92	(1.6)	549	(3.7)	543	(3.0)	6	(4.1)
	Croatia	514	(1.8)	83	(1.2)	519	(2.6)	510	(2.3)	**9**	(3.2)
	Estonia	497	(1.8)	80	(1.4)	495	(2.3)	499	(2.5)	-4	(3.1)
	Hong Kong-China	529	(2.3)	100	(1.4)	540	(3.2)	519	(2.7)	**21**	(3.6)
	Indonesia	521	(2.8)	90	(1.3)	516	(3.3)	527	(3.3)	**-11**	(3.3)
	Israel	512	(3.1)	121	(2.1)	509	(4.2)	514	(4.0)	-6	(5.3)
	Jordan	555	(3.0)	110	(1.9)	543	(4.5)	567	(3.9)	**-23**	(6.1)
	Kyrgyzstan	502	(2.5)	105	(1.3)	489	(3.6)	513	(3.0)	**-23**	(4.3)
	Latvia	494	(2.1)	76	(1.1)	490	(2.7)	497	(2.5)	**-8**	(3.0)
	Liechtenstein	524	(5.8)	104	(5.2)	516	(10.3)	531	(7.8)	-15	(14.0)
	Lithuania	541	(2.4)	95	(1.7)	532	(2.8)	549	(2.9)	**-17**	(3.1)
	Macao-China	521	(1.5)	85	(1.1)	524	(2.2)	518	(2.1)	**6**	(3.1)
	Montenegro	529	(1.7)	97	(1.3)	526	(2.5)	532	(2.6)	-6	(3.7)
	Qatar	520	(1.7)	146	(1.5)	505	(2.7)	535	(2.4)	**-30**	(4.0)
	Romania	540	(3.2)	102	(2.0)	540	(4.5)	540	(3.8)	0	(5.2)
	Russian Federation	508	(2.6)	83	(1.1)	507	(3.2)	509	(2.7)	-3	(2.9)
	Serbia	520	(2.2)	94	(1.6)	523	(2.8)	517	(2.6)	**6**	(3.1)
	Slovenia	502	(1.5)	96	(1.5)	499	(2.1)	504	(2.1)	-5	(3.0)
	Chinese Taipei	546	(2.2)	104	(1.3)	552	(2.7)	538	(2.6)	**14**	(2.9)
	Thailand	569	(2.3)	102	(1.5)	559	(3.7)	575	(2.9)	**-16**	(4.7)
	Tunisia	534	(2.6)	111	(1.3)	530	(3.6)	538	(3.0)	-8	(4.0)
	Uruguay	510	(1.9)	84	(1.4)	516	(2.3)	505	(2.5)	**11**	(2.8)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

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[Part 2/2]

Table 3.2 **Mean score, variation and gender differences on the *support for scientific enquiry* scale**

Tableau 3.2 **Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle *valeur accordée à la démarche scientifique***

		Percentiles											
		5th		10th		25th		75th		90th		95th	
		Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
OECD	Australia	335	(2.9)	369	(2.4)	422	(2.0)	550	(2.0)	614	(2.7)	653	(3.0)
	Austria	336	(6.6)	375	(4.8)	441	(3.2)	590	(3.4)	656	(3.8)	695	(5.1)
	Belgium	354	(4.2)	386	(3.1)	434	(1.9)	549	(2.1)	605	(3.0)	639	(2.5)
	Canada	338	(3.5)	375	(2.5)	433	(2.3)	567	(2.2)	635	(2.6)	678	(4.2)
	Czech Republic	360	(5.2)	388	(2.7)	433	(2.7)	535	(2.9)	587	(3.5)	618	(3.5)
	Denmark	348	(4.7)	381	(3.5)	428	(2.6)	536	(3.2)	591	(5.0)	626	(5.5)
	Finland	347	(5.0)	377	(2.7)	423	(2.2)	534	(2.6)	590	(3.1)	624	(3.8)
	France	356	(5.4)	392	(3.4)	447	(3.4)	567	(2.9)	625	(4.1)	661	(4.1)
	Germany	336	(5.4)	379	(3.8)	445	(3.1)	593	(3.5)	661	(4.4)	702	(5.1)
	Greece	380	(3.4)	415	(4.0)	470	(2.8)	595	(2.9)	654	(3.8)	690	(5.2)
	Hungary	374	(4.5)	405	(3.0)	457	(2.5)	568	(2.8)	620	(4.0)	650	(4.7)
	Iceland	311	(7.4)	359	(4.0)	422	(2.8)	562	(2.8)	634	(4.4)	674	(5.5)
	Ireland	347	(4.0)	378	(2.8)	427	(2.4)	540	(2.3)	595	(3.0)	629	(4.2)
	Italy	368	(3.2)	402	(2.5)	453	(1.9)	568	(1.9)	623	(2.6)	657	(2.6)
	Japan	289	(5.5)	336	(4.0)	401	(2.9)	538	(2.8)	605	(3.5)	646	(3.9)
	Korea	342	(4.1)	376	(3.5)	431	(2.5)	558	(3.0)	622	(4.5)	660	(5.7)
	Luxembourg	334	(4.6)	377	(4.1)	445	(3.0)	599	(2.5)	670	(4.4)	711	(5.1)
	Mexico	393	(3.5)	423	(3.3)	474	(2.9)	595	(1.9)	652	(3.1)	687	(2.9)
	Netherlands	336	(3.9)	362	(2.6)	402	(2.1)	491	(1.9)	534	(2.7)	562	(3.6)
	New Zealand	331	(4.6)	365	(3.2)	412	(2.0)	526	(2.8)	586	(3.7)	622	(4.4)
	Norway	305	(6.2)	352	(4.0)	415	(3.5)	556	(3.3)	625	(3.6)	667	(5.8)
	Poland	375	(3.5)	405	(2.8)	453	(2.5)	569	(3.2)	629	(3.5)	666	(4.4)
	Portugal	402	(4.0)	431	(3.0)	478	(2.5)	594	(3.0)	652	(4.1)	689	(5.0)
	Slovak Republic	379	(4.0)	404	(2.6)	446	(2.5)	544	(2.4)	596	(2.6)	629	(4.9)
	Spain	388	(3.3)	419	(2.1)	470	(2.1)	587	(2.5)	646	(3.0)	681	(3.5)
	Sweden	312	(6.3)	353	(4.8)	410	(3.0)	536	(3.6)	596	(4.4)	632	(4.9)
	Switzerland	344	(3.9)	382	(3.7)	443	(2.5)	578	(2.5)	643	(2.9)	680	(3.5)
	Turkey	363	(6.6)	407	(4.1)	476	(4.2)	648	(4.4)	729	(6.0)	779	(6.0)
	United Kingdom	332	(3.4)	362	(2.4)	411	(2.0)	526	(2.6)	585	(3.1)	621	(4.0)
	United States	339	(4.3)	373	(3.5)	425	(2.7)	553	(3.1)	619	(4.7)	660	(4.5)
	OECD total	**343**	(1.5)	**379**	(1.2)	**434**	(1.0)	**566**	(1.0)	**632**	(1.3)	**674**	(1.4)
	OECD average	**349**	(0.9)	**384**	(0.6)	**437**	(0.5)	**562**	(0.5)	**623**	(0.7)	**660**	(0.8)
Partners	Argentina	364	(7.9)	395	(5.1)	448	(3.9)	564	(3.5)	619	(4.9)	654	(5.2)
	Azerbaijan	390	(3.7)	421	(3.4)	475	(2.7)	604	(3.8)	670	(4.8)	712	(5.9)
	Brazil	375	(3.4)	404	(3.1)	456	(2.0)	578	(2.6)	638	(3.3)	676	(3.7)
	Bulgaria	352	(8.1)	391	(5.3)	451	(4.1)	600	(4.1)	670	(5.4)	716	(7.0)
	Chile	389	(5.3)	426	(5.2)	491	(3.1)	636	(3.7)	702	(4.4)	742	(5.2)
	Colombia	401	(5.7)	431	(4.9)	482	(4.2)	606	(3.4)	664	(5.3)	701	(6.0)
	Croatia	386	(4.4)	413	(2.6)	459	(1.9)	567	(2.5)	621	(2.7)	654	(3.3)
	Estonia	373	(2.9)	397	(3.3)	443	(2.6)	549	(2.3)	599	(2.8)	631	(3.7)
	Hong Kong-China	377	(4.2)	408	(3.8)	460	(3.3)	593	(3.2)	660	(4.8)	700	(4.0)
	Indonesia	382	(4.4)	411	(3.7)	458	(3.2)	580	(3.6)	638	(4.0)	676	(5.4)
	Israel	322	(5.6)	364	(4.2)	433	(3.7)	588	(3.5)	663	(5.2)	716	(5.9)
	Jordan	374	(6.9)	417	(4.8)	484	(3.8)	628	(3.4)	692	(3.4)	735	(4.5)
	Kyrgyzstan	338	(3.1)	370	(2.7)	429	(3.1)	569	(3.3)	640	(4.4)	682	(5.1)
	Latvia	374	(3.7)	399	(2.4)	442	(3.0)	543	(3.2)	590	(3.3)	621	(4.6)
	Liechtenstein	360	(12.9)	395	(10.8)	456	(10.4)	592	(7.4)	658	(14.7)	695	(10.9)
	Lithuania	391	(4.9)	422	(3.9)	476	(2.8)	604	(3.3)	661	(3.9)	698	(4.8)
	Macao-China	387	(3.2)	415	(2.6)	463	(2.0)	577	(2.1)	632	(2.9)	666	(4.4)
	Montenegro	378	(4.0)	412	(2.7)	464	(2.2)	591	(2.3)	652	(4.1)	691	(5.4)
	Qatar	299	(3.4)	341	(2.8)	416	(2.8)	614	(3.5)	711	(3.7)	770	(5.9)
	Romania	377	(8.2)	413	(5.4)	472	(4.1)	606	(3.7)	669	(4.6)	711	(5.7)
	Russian Federation	381	(3.8)	407	(2.6)	451	(2.5)	561	(3.0)	616	(4.0)	649	(4.6)
	Serbia	374	(4.8)	406	(3.2)	457	(3.1)	580	(3.3)	639	(3.9)	678	(4.1)
	Slovenia	350	(3.4)	388	(2.6)	443	(1.9)	561	(2.2)	621	(2.8)	658	(5.0)
	Chinese Taipei	385	(3.7)	418	(3.1)	475	(3.0)	613	(2.9)	681	(4.2)	722	(4.7)
	Thailand	409	(4.1)	441	(3.4)	498	(3.4)	636	(2.9)	702	(3.6)	745	(5.5)
	Tunisia	356	(3.4)	395	(3.5)	460	(3.5)	606	(3.7)	678	(3.9)	724	(5.4)
	Uruguay	377	(3.4)	405	(3.7)	453	(2.7)	565	(2.2)	617	(3.8)	652	(4.8)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

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[Part 1/2]

Table 3.3 Index of self-efficacy in science and performance on the science scale, by quarters of the index[1]

Tableau 3.3 Indice de perception des capacités personnelles en sciences et scores sur l'échelle de culture scientifique, par quartile de l'indice

		Index of self-efficacy in science															
		All students		Males		Females		Gender difference (M - F)		Bottom quarter		Second quarter		Third quarter		Top quarter	
		Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD	Australia	0.12	(0.01)	0.19	(0.03)	0.04	(0.02)	**0.14**	(0.04)	-1.18	(0.01)	-0.21	(0.00)	0.38	(0.00)	1.47	(0.02)
	Austria	-0.11	(0.02)	-0.10	(0.03)	-0.12	(0.03)	0.02	(0.04)	-1.26	(0.03)	-0.40	(0.00)	0.15	(0.01)	1.08	(0.02)
	Belgium	-0.07	(0.02)	-0.02	(0.03)	-0.13	(0.02)	**0.11**	(0.03)	-1.29	(0.02)	-0.34	(0.00)	0.22	(0.00)	1.13	(0.01)
	Canada	0.21	(0.01)	0.30	(0.02)	0.13	(0.02)	**0.17**	(0.02)	-1.05	(0.02)	-0.12	(0.00)	0.47	(0.00)	1.55	(0.02)
	Czech Republic	0.14	(0.02)	0.17	(0.02)	0.11	(0.02)	**0.07**	(0.03)	-0.91	(0.02)	-0.15	(0.00)	0.37	(0.01)	1.27	(0.02)
	Denmark	-0.08	(0.02)	0.04	(0.03)	-0.20	(0.03)	**0.24**	(0.03)	-1.34	(0.02)	-0.40	(0.01)	0.21	(0.01)	1.20	(0.02)
	Finland	0.02	(0.02)	0.08	(0.02)	-0.03	(0.02)	**0.10**	(0.03)	-1.06	(0.02)	-0.27	(0.00)	0.26	(0.01)	1.18	(0.02)
	France	-0.06	(0.02)	0.08	(0.03)	-0.18	(0.02)	**0.26**	(0.03)	-1.19	(0.02)	-0.34	(0.00)	0.21	(0.01)	1.09	(0.02)
	Germany	0.06	(0.02)	0.13	(0.03)	-0.01	(0.02)	**0.14**	(0.03)	-1.10	(0.03)	-0.23	(0.00)	0.33	(0.00)	1.25	(0.02)
	Greece	-0.13	(0.02)	-0.05	(0.03)	-0.20	(0.02)	**0.15**	(0.03)	-1.24	(0.02)	-0.43	(0.01)	0.10	(0.01)	1.06	(0.02)
	Hungary	-0.06	(0.01)	-0.01	(0.02)	-0.11	(0.02)	**0.11**	(0.03)	-1.05	(0.02)	-0.34	(0.00)	0.14	(0.00)	1.02	(0.02)
	Iceland	0.14	(0.02)	0.31	(0.02)	-0.03	(0.02)	**0.34**	(0.04)	-1.30	(0.03)	-0.16	(0.01)	0.49	(0.01)	1.52	(0.02)
	Ireland	0.01	(0.02)	0.08	(0.03)	-0.06	(0.03)	**0.14**	(0.04)	-1.26	(0.03)	-0.29	(0.00)	0.30	(0.01)	1.28	(0.02)
	Italy	-0.20	(0.01)	-0.15	(0.01)	-0.26	(0.01)	**0.11**	(0.02)	-1.12	(0.01)	-0.41	(0.00)	-0.02	(0.00)	0.74	(0.01)
	Japan	-0.53	(0.02)	-0.49	(0.02)	-0.58	(0.02)	**0.09**	(0.03)	-1.72	(0.03)	-0.71	(0.00)	-0.26	(0.00)	0.56	(0.02)
	Korea	-0.21	(0.02)	-0.20	(0.03)	-0.23	(0.02)	0.04	(0.04)	-1.26	(0.03)	-0.45	(0.00)	0.01	(0.00)	0.83	(0.02)
	Luxembourg	-0.13	(0.02)	-0.05	(0.02)	-0.22	(0.02)	**0.16**	(0.03)	-1.36	(0.02)	-0.41	(0.00)	0.14	(0.01)	1.10	(0.02)
	Mexico	0.09	(0.02)	0.07	(0.02)	0.12	(0.02)	**-0.05**	(0.02)	-0.97	(0.01)	-0.21	(0.00)	0.34	(0.00)	1.21	(0.01)
	Netherlands	0.03	(0.02)	0.09	(0.02)	-0.03	(0.02)	**0.11**	(0.03)	-1.16	(0.03)	-0.24	(0.00)	0.30	(0.00)	1.22	(0.02)
	New Zealand	-0.02	(0.02)	0.05	(0.03)	-0.09	(0.03)	**0.14**	(0.04)	-1.27	(0.02)	-0.35	(0.00)	0.25	(0.01)	1.28	(0.02)
	Norway	0.12	(0.02)	0.21	(0.02)	0.03	(0.02)	**0.18**	(0.03)	-1.11	(0.03)	-0.11	(0.01)	0.37	(0.00)	1.35	(0.02)
	Poland	0.26	(0.02)	0.24	(0.02)	0.28	(0.02)	-0.04	(0.03)	-0.82	(0.01)	-0.06	(0.00)	0.47	(0.00)	1.44	(0.02)
	Portugal	0.21	(0.02)	0.23	(0.02)	0.19	(0.02)	0.04	(0.03)	-0.91	(0.02)	-0.11	(0.01)	0.47	(0.01)	1.37	(0.02)
	Slovak Republic	0.11	(0.02)	0.16	(0.03)	0.05	(0.03)	**0.10**	(0.03)	-0.91	(0.02)	-0.19	(0.00)	0.32	(0.00)	1.21	(0.02)
	Spain	-0.07	(0.02)	-0.03	(0.03)	-0.10	(0.03)	**0.07**	(0.03)	-1.38	(0.02)	-0.36	(0.00)	0.25	(0.00)	1.22	(0.01)
	Sweden	-0.07	(0.03)	0.04	(0.03)	-0.18	(0.03)	**0.21**	(0.03)	-1.30	(0.04)	-0.32	(0.01)	0.22	(0.01)	1.14	(0.02)
	Switzerland	-0.19	(0.02)	-0.11	(0.02)	-0.27	(0.02)	**0.16**	(0.03)	-1.33	(0.02)	-0.46	(0.00)	0.07	(0.00)	0.96	(0.02)
	Turkey	0.02	(0.03)	-0.03	(0.03)	0.07	(0.03)	**-0.10**	(0.04)	-1.23	(0.03)	-0.28	(0.01)	0.30	(0.00)	1.27	(0.02)
	United Kingdom	0.19	(0.02)	0.32	(0.02)	0.05	(0.02)	**0.27**	(0.03)	-1.04	(0.02)	-0.17	(0.00)	0.43	(0.01)	1.52	(0.02)
	United States	0.22	(0.02)	0.32	(0.03)	0.12	(0.03)	**0.20**	(0.03)	-1.11	(0.02)	-0.13	(0.01)	0.48	(0.00)	1.65	(0.02)
	OECD total	0.03	(0.01)	0.09	(0.01)	-0.03	(0.01)	**0.12**	(0.01)	-1.18	(0.01)	-0.28	(0.00)	0.29	(0.00)	1.32	(0.01)
	OECD average	0.00	(0.00)	0.06	(0.00)	-0.06	(0.00)	**0.12**	(0.01)	-1.17	(0.00)	-0.29	(0.00)	0.26	(0.00)	1.21	(0.00)
Partners	Argentina	-0.05	(0.02)	-0.06	(0.03)	-0.04	(0.03)	-0.03	(0.04)	-1.16	(0.02)	-0.33	(0.01)	0.21	(0.01)	1.09	(0.02)
	Azerbaijan	-0.46	(0.03)	-0.42	(0.04)	-0.49	(0.03)	0.07	(0.04)	-1.88	(0.03)	-0.75	(0.01)	-0.13	(0.01)	0.94	(0.02)
	Brazil	-0.05	(0.02)	-0.10	(0.02)	-0.01	(0.02)	**-0.08**	(0.03)	-1.20	(0.02)	-0.34	(0.01)	0.21	(0.00)	1.12	(0.02)
	Bulgaria	-0.05	(0.03)	-0.10	(0.03)	0.01	(0.03)	**-0.11**	(0.04)	-1.28	(0.03)	-0.36	(0.01)	0.21	(0.01)	1.25	(0.03)
	Chile	0.06	(0.02)	0.08	(0.03)	0.05	(0.03)	0.03	(0.04)	-1.08	(0.02)	-0.25	(0.00)	0.33	(0.01)	1.25	(0.02)
	Colombia	0.09	(0.02)	0.09	(0.03)	0.09	(0.03)	0.00	(0.03)	-1.00	(0.02)	-0.21	(0.01)	0.33	(0.00)	1.24	(0.02)
	Croatia	0.14	(0.02)	0.12	(0.02)	0.16	(0.02)	-0.04	(0.03)	-0.96	(0.02)	-0.11	(0.00)	0.40	(0.00)	1.25	(0.01)
	Estonia	0.03	(0.02)	0.01	(0.02)	0.04	(0.02)	-0.03	(0.03)	-0.98	(0.01)	-0.28	(0.00)	0.24	(0.01)	1.13	(0.02)
	Hong Kong-China	0.06	(0.02)	0.15	(0.03)	-0.02	(0.02)	**0.17**	(0.04)	-1.07	(0.02)	-0.21	(0.00)	0.30	(0.00)	1.23	(0.02)
	Indonesia	-0.70	(0.02)	-0.70	(0.02)	-0.70	(0.03)	-0.01	(0.03)	-1.68	(0.02)	-0.93	(0.00)	-0.47	(0.00)	0.28	(0.01)
	Israel	0.03	(0.03)	0.11	(0.04)	-0.05	(0.03)	**0.16**	(0.05)	-1.33	(0.03)	-0.28	(0.01)	0.30	(0.01)	1.42	(0.02)
	Jordan	0.21	(0.02)	0.12	(0.03)	0.31	(0.03)	**-0.19**	(0.04)	-0.99	(0.02)	-0.12	(0.01)	0.48	(0.01)	1.48	(0.02)
	Kyrgyzstan	-0.15	(0.02)	-0.16	(0.03)	-0.14	(0.02)	-0.02	(0.03)	-1.38	(0.02)	-0.46	(0.01)	0.16	(0.01)	1.09	(0.02)
	Latvia	-0.02	(0.02)	-0.05	(0.03)	0.01	(0.03)	-0.06	(0.03)	-0.97	(0.02)	-0.30	(0.01)	0.17	(0.01)	1.03	(0.02)
	Liechtenstein	-0.12	(0.06)	0.05	(0.10)	-0.26	(0.06)	**0.31**	(0.12)	-1.32	(0.09)	-0.42	(0.01)	0.11	(0.02)	1.18	(0.08)
	Lithuania	0.01	(0.02)	-0.01	(0.02)	0.03	(0.02)	-0.03	(0.03)	-0.96	(0.02)	-0.23	(0.00)	0.24	(0.00)	0.99	(0.02)
	Macao-China	-0.11	(0.02)	-0.04	(0.02)	-0.17	(0.02)	**0.13**	(0.03)	-1.22	(0.02)	-0.40	(0.01)	0.14	(0.00)	1.06	(0.02)
	Montenegro	-0.02	(0.02)	-0.06	(0.02)	0.01	(0.02)	-0.07	(0.04)	-1.25	(0.02)	-0.33	(0.01)	0.24	(0.01)	1.25	(0.02)
	Qatar	-0.09	(0.02)	0.01	(0.03)	-0.19	(0.02)	**0.19**	(0.04)	-1.65	(0.02)	-0.38	(0.00)	0.23	(0.01)	1.45	(0.02)
	Romania	-0.35	(0.02)	-0.34	(0.03)	-0.35	(0.03)	0.01	(0.04)	-1.57	(0.04)	-0.63	(0.01)	-0.08	(0.01)	0.90	(0.02)
	Russian Federation	-0.01	(0.03)	-0.04	(0.04)	0.02	(0.03)	-0.06	(0.03)	-1.22	(0.02)	-0.31	(0.01)	0.28	(0.01)	1.22	(0.02)
	Serbia	0.05	(0.02)	0.03	(0.03)	0.08	(0.03)	-0.06	(0.04)	-1.09	(0.02)	-0.27	(0.01)	0.28	(0.00)	1.30	(0.03)
	Slovenia	-0.10	(0.01)	-0.06	(0.02)	-0.15	(0.02)	**0.09**	(0.03)	-1.20	(0.01)	-0.40	(0.01)	0.15	(0.00)	1.04	(0.02)
	Chinese Taipei	0.18	(0.02)	0.20	(0.02)	0.16	(0.02)	0.04	(0.03)	-1.02	(0.02)	-0.13	(0.01)	0.45	(0.00)	1.42	(0.01)
	Thailand	0.06	(0.02)	0.00	(0.02)	0.11	(0.02)	**-0.11**	(0.03)	-0.85	(0.01)	-0.14	(0.00)	0.30	(0.00)	0.94	(0.02)
	Tunisia	-0.11	(0.02)	-0.08	(0.02)	-0.13	(0.02)	**0.05**	(0.03)	-1.04	(0.01)	-0.40	(0.00)	0.06	(0.01)	0.94	(0.02)
	Uruguay	0.13	(0.02)	0.11	(0.02)	0.14	(0.03)	-0.03	(0.04)	-1.01	(0.02)	-0.15	(0.01)	0.39	(0.01)	1.28	(0.02)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
StatLink http://dx.doi.org/10.1787/142102278412

Pour consulter la version française intégrale de ce tableau, suivre ce lien :
StatLink http://dx.doi.org/10.1787/152630454851

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[Part 2/2]

Table 3.3 Index of self-efficacy in science and performance on the science scale, by quarters of the index[1]

Tableau 3.3 Indice de perception des capacités personnelles en sciences et scores sur l'échelle de culture scientifique, par quartile de l'indice

		Performance on the science scale, by quarters of this index								Change in the science score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the science performance distribution		Explained variance in student performance (r-squared x 100)	
		Bottom quarter		Second quarter		Third quarter		Top quarter							
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E	Effect	S.E.	Ratio	S.E.	Percentage	S.E.
OECD	Australia	**464**	(2.1)	511	(2.5)	540	(2.5)	**595**	(2.9)	**44.3**	(0.94)	**2.7**	(0.10)	23.6	(0.96)
	Austria	**458**	(4.8)	493	(4.6)	530	(3.7)	**569**	(4.6)	**44.3**	(2.03)	**2.4**	(0.14)	19.4	(1.56)
	Belgium	**462**	(3.7)	507	(2.6)	525	(3.3)	**568**	(2.9)	**39.2**	(1.25)	**2.3**	(0.11)	16.2	(1.03)
	Canada	**481**	(2.8)	523	(2.7)	551	(2.5)	**589**	(3.0)	**39.0**	(1.11)	**2.5**	(0.12)	19.6	(1.07)
	Czech Republic	**474**	(4.0)	507	(4.7)	533	(3.7)	**560**	(4.0)	**36.6**	(1.82)	**2.0**	(0.12)	12.1	(1.01)
	Denmark	**444**	(3.4)	479	(3.6)	508	(3.8)	**557**	(3.6)	**41.4**	(1.48)	**2.4**	(0.15)	20.8	(1.36)
	Finland	**514**	(2.5)	547	(2.6)	579	(3.0)	**613**	(3.2)	**41.0**	(1.61)	**2.5**	(0.14)	19.6	(1.46)
	France	**443**	(4.3)	482	(3.9)	512	(4.6)	**550**	(4.6)	**44.6**	(1.85)	**2.2**	(0.14)	17.3	(1.37)
	Germany	**466**	(5.5)	511	(3.8)	536	(3.7)	**579**	(3.8)	**44.1**	(1.87)	**2.4**	(0.15)	20.2	(1.49)
	Greece	**438**	(3.3)	461	(4.2)	482	(4.2)	**515**	(4.0)	**30.3**	(1.68)	**1.7**	(0.11)	9.7	(1.04)
	Hungary	**469**	(3.7)	497	(3.8)	510	(3.5)	**541**	(3.6)	**32.1**	(2.34)	**1.9**	(0.12)	9.7	(1.34)
	Iceland	**434**	(3.0)	478	(3.0)	505	(3.0)	**551**	(3.5)	**38.0**	(1.50)	**2.5**	(0.15)	21.1	(1.47)
	Ireland	**455**	(3.8)	493	(3.2)	526	(3.6)	**565**	(4.1)	**40.3**	(1.26)	**2.4**	(0.16)	19.9	(1.15)
	Italy	**439**	(2.3)	469	(3.0)	490	(2.6)	**505**	(3.1)	**34.6**	(1.71)	**1.8**	(0.08)	8.0	(0.78)
	Japan	**483**	(4.7)	530	(3.8)	550	(3.4)	**564**	(3.7)	**32.8**	(1.72)	**2.2**	(0.12)	10.5	(0.98)
	Korea	**477**	(4.6)	513	(3.8)	536	(3.2)	**563**	(5.0)	**38.0**	(2.11)	**2.2**	(0.13)	14.2	(1.38)
	Luxembourg	**442**	(2.7)	477	(2.6)	496	(3.1)	**533**	(2.6)	**31.8**	(1.41)	**2.0**	(0.10)	11.9	(0.97)
	Mexico	**386**	(3.2)	406	(2.8)	413	(3.1)	**436**	(3.9)	**21.0**	(1.62)	**1.5**	(0.10)	5.2	(0.76)
	Netherlands	**487**	(3.6)	523	(4.1)	540	(3.5)	**568**	(4.8)	**31.4**	(1.66)	**2.0**	(0.14)	11.2	(1.22)
	New Zealand	**464**	(3.4)	503	(3.9)	549	(3.9)	**612**	(3.1)	**53.2**	(1.47)	**2.5**	(0.14)	27.3	(1.26)
	Norway	**440**	(3.5)	482	(3.6)	496	(4.0)	**541**	(3.5)	**32.9**	(1.55)	**2.3**	(0.17)	14.1	(1.09)
	Poland	**445**	(2.7)	483	(3.1)	512	(3.2)	**553**	(2.9)	**42.7**	(1.59)	**2.5**	(0.13)	19.5	(1.17)
	Portugal	**434**	(3.6)	469	(3.4)	477	(4.3)	**517**	(3.9)	**31.7**	(1.87)	**1.9**	(0.11)	10.9	(1.16)
	Slovak Republic	**452**	(3.4)	480	(3.9)	501	(3.6)	**529**	(3.9)	**33.5**	(2.17)	**1.9**	(0.10)	9.8	(1.27)
	Spain	**441**	(3.0)	479	(2.7)	499	(2.8)	**536**	(2.9)	**34.6**	(1.31)	**2.2**	(0.12)	16.4	(0.99)
	Sweden	**452**	(3.1)	492	(3.0)	515	(3.5)	**561**	(3.2)	**37.8**	(1.57)	**2.4**	(0.14)	17.4	(1.30)
	Switzerland	**457**	(3.5)	498	(3.1)	525	(3.6)	**567**	(4.2)	**43.2**	(1.79)	**2.4**	(0.11)	17.3	(1.37)
	Turkey	**387**	(2.7)	415	(3.3)	430	(4.5)	**467**	(6.7)	**28.6**	(2.39)	**2.0**	(0.12)	12.5	(1.38)
	United Kingdom	**443**	(3.1)	497	(2.4)	532	(3.2)	**592**	(2.7)	**52.6**	(1.23)	**2.8**	(0.14)	26.8	(1.07)
	United States	**436**	(3.2)	477	(4.1)	499	(5.8)	**547**	(6.6)	**36.0**	(1.89)	**1.9**	(0.17)	15.0	(1.78)
	OECD total	**449**	(1.1)	482	(1.1)	498	(1.9)	**540**	(2.1)	**33.1**	(0.74)	**1.8**	(0.05)	11.0	(0.53)
	OECD average	**452**	(0.6)	489	(0.6)	513	(0.7)	**551**	(0.7)	**37.7**	(0.31)	**2.2**	(0.02)	15.9	(0.22)
Partners	Argentina	**364**	(7.4)	386	(6.1)	399	(7.1)	**428**	(6.6)	**26.2**	(2.56)	**1.6**	(0.14)	5.8	(1.18)
	Azerbaijan	**370**	(3.2)	382	(3.7)	387	(3.3)	**394**	(3.3)	**7.4**	(1.30)	**1.4**	(0.11)	2.3	(0.84)
	Brazil	**358**	(2.9)	379	(3.4)	400	(3.5)	**427**	(4.6)	**27.3**	(1.84)	**1.6**	(0.11)	8.4	(0.92)
	Bulgaria	**383**	(5.4)	429	(5.4)	451	(6.4)	**485**	(7.9)	**31.6**	(2.65)	**2.1**	(0.17)	9.8	(1.22)
	Chile	**404**	(3.9)	429	(4.6)	443	(4.9)	**477**	(6.4)	**29.5**	(2.23)	**1.7**	(0.13)	9.2	(1.19)
	Colombia	**361**	(4.0)	387	(4.2)	390	(4.6)	**416**	(4.4)	**21.7**	(1.94)	**1.6**	(0.16)	5.3	(0.90)
	Croatia	**448**	(2.6)	482	(2.8)	502	(3.1)	**542**	(3.4)	**40.2**	(1.45)	**2.2**	(0.12)	17.8	(1.12)
	Estonia	**486**	(2.9)	518	(3.0)	544	(3.3)	**578**	(4.0)	**41.9**	(1.88)	**2.4**	(0.16)	18.2	(1.52)
	Hong Kong-China	**498**	(3.3)	534	(2.7)	549	(4.1)	**588**	(3.4)	**35.7**	(1.55)	**2.1**	(0.12)	13.8	(1.14)
	Indonesia	**376**	(5.0)	392	(6.2)	401	(7.0)	**404**	(5.7)	**12.5**	(2.41)	**1.4**	(0.11)	2.0	(0.83)
	Israel	**431**	(4.8)	451	(5.4)	468	(4.8)	**489**	(5.2)	**19.4**	(2.17)	**1.4**	(0.12)	4.1	(0.92)
	Jordan	**396**	(3.1)	419	(3.4)	432	(3.5)	**447**	(4.4)	**17.5**	(1.67)	**1.5**	(0.09)	4.0	(0.71)
	Kyrgyzstan	**317**	(4.7)	325	(3.4)	322	(3.3)	**330**	(4.1)	**4.9**	(1.89)	1.1	(0.08)	0.4	(0.27)
	Latvia	**456**	(4.1)	482	(3.6)	494	(4.3)	**528**	(4.3)	**34.6**	(2.16)	**1.8**	(0.15)	11.4	(1.41)
	Liechtenstein	**472**	(9.6)	502	(9.2)	538	(11.2)	**577**	(9.4)	**33.8**	(5.84)	**2.2**	(0.42)	13.4	(3.47)
	Lithuania	**447**	(3.8)	479	(3.8)	498	(3.7)	**528**	(4.0)	**38.3**	(1.89)	**2.0**	(0.13)	11.9	(1.02)
	Macao-China	**479**	(2.8)	502	(2.5)	520	(2.5)	**542**	(2.6)	**26.8**	(1.32)	**1.9**	(0.12)	10.1	(1.02)
	Montenegro	**373**	(2.0)	402	(2.6)	426	(2.6)	**451**	(2.7)	**28.3**	(1.24)	**2.2**	(0.14)	13.5	(1.10)
	Qatar	**331**	(2.1)	344	(2.2)	356	(2.3)	**376**	(2.3)	**11.5**	(0.94)	**1.3**	(0.09)	3.1	(0.50)
	Romania	**384**	(4.9)	422	(4.8)	425	(5.1)	**444**	(5.5)	**21.2**	(2.00)	**1.8**	(0.15)	7.1	(1.24)
	Russian Federation	**440**	(4.0)	473	(3.6)	492	(4.7)	**513**	(5.7)	**29.4**	(1.87)	**2.0**	(0.15)	10.5	(1.43)
	Serbia	**396**	(3.4)	431	(3.2)	447	(3.5)	**471**	(4.1)	**26.8**	(1.71)	**2.0**	(0.13)	9.7	(1.17)
	Slovenia	**471**	(2.7)	508	(2.9)	534	(3.1)	**571**	(3.2)	**39.6**	(2.33)	**2.1**	(0.11)	13.9	(1.46)
	Chinese Taipei	**483**	(3.9)	528	(4.1)	544	(3.8)	**576**	(3.6)	**35.0**	(1.45)	**2.4**	(0.13)	14.1	(1.02)
	Thailand	**404**	(2.8)	420	(3.2)	419	(3.4)	**441**	(3.2)	**18.0**	(2.00)	**1.3**	(0.11)	3.0	(0.62)
	Tunisia	**366**	(2.6)	380	(4.1)	388	(3.9)	**410**	(5.2)	**19.3**	(2.29)	**1.4**	(0.10)	3.7	(0.76)
	Uruguay	**398**	(3.5)	419	(3.5)	437	(4.5)	**465**	(3.7)	**29.3**	(1.80)	**1.7**	(0.10)	8.5	(1.06)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
StatLink http://dx.doi.org/10.1787/142102278412

Pour consulter la version française intégrale de ce tableau, suivre ce lien :
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[Part 1/2]

Table 3.4 Index of self-concept in science and performance on the science scale, by quarters of the index[1]

Tableau 3.4 Indice de perception de soi en sciences et scores sur l'échelle de culture scientifique, par quartile de l'indice

		Index of self-concept in science															
		All students		Males		Females		Gender difference (M - F)		Bottom quarter		Second quarter		Third quarter		Top quarter	
		Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD	Australia	-0.03	(0.01)	0.07	(0.02)	-0.14	(0.02)	**0.22**	(0.03)	-1.29	(0.01)	-0.31	(0.00)	0.30	(0.00)	1.17	(0.01)
	Austria	0.09	(0.02)	0.20	(0.03)	-0.03	(0.04)	**0.23**	(0.04)	-1.30	(0.02)	-0.26	(0.01)	0.40	(0.01)	1.51	(0.01)
	Belgium	-0.14	(0.02)	-0.01	(0.03)	-0.27	(0.02)	**0.26**	(0.03)	-1.39	(0.02)	-0.37	(0.01)	0.14	(0.00)	1.06	(0.01)
	Canada	0.27	(0.02)	0.42	(0.02)	0.12	(0.02)	**0.30**	(0.03)	-1.15	(0.02)	-0.05	(0.01)	0.59	(0.00)	1.68	(0.01)
	Czech Republic	-0.03	(0.02)	0.01	(0.03)	-0.09	(0.02)	**0.10**	(0.04)	-1.02	(0.02)	-0.28	(0.00)	0.18	(0.00)	0.98	(0.02)
	Denmark	-0.08	(0.02)	0.13	(0.03)	-0.29	(0.03)	**0.41**	(0.03)	-1.33	(0.02)	-0.36	(0.01)	0.23	(0.01)	1.13	(0.02)
	Finland	0.06	(0.02)	0.17	(0.02)	-0.04	(0.02)	**0.20**	(0.03)	-0.96	(0.02)	-0.22	(0.01)	0.37	(0.01)	1.07	(0.02)
	France	-0.11	(0.02)	0.10	(0.03)	-0.30	(0.02)	**0.40**	(0.03)	-1.36	(0.02)	-0.39	(0.01)	0.15	(0.01)	1.17	(0.01)
	Germany	0.26	(0.02)	0.44	(0.03)	0.07	(0.02)	**0.37**	(0.03)	-0.95	(0.02)	-0.12	(0.00)	0.53	(0.01)	1.57	(0.01)
	Greece	0.04	(0.02)	0.21	(0.02)	-0.14	(0.02)	**0.35**	(0.03)	-1.19	(0.02)	-0.28	(0.00)	0.31	(0.01)	1.30	(0.02)
	Hungary	-0.21	(0.02)	-0.09	(0.02)	-0.35	(0.02)	**0.26**	(0.03)	-1.28	(0.02)	-0.51	(0.01)	0.01	(0.01)	0.93	(0.02)
	Iceland	0.10	(0.02)	0.32	(0.02)	-0.11	(0.03)	**0.43**	(0.04)	-1.32	(0.02)	-0.20	(0.01)	0.49	(0.01)	1.45	(0.02)
	Ireland	-0.13	(0.02)	-0.09	(0.03)	-0.16	(0.03)	**0.07**	(0.03)	-1.42	(0.02)	-0.42	(0.01)	0.15	(0.01)	1.20	(0.02)
	Italy	0.16	(0.01)	0.28	(0.02)	0.03	(0.02)	**0.25**	(0.03)	-0.90	(0.01)	-0.14	(0.00)	0.43	(0.00)	1.26	(0.01)
	Japan	-0.87	(0.02)	-0.64	(0.03)	-1.11	(0.02)	**0.47**	(0.03)	-2.13	(0.01)	-1.10	(0.01)	-0.61	(0.00)	0.36	(0.02)
	Korea	-0.71	(0.02)	-0.58	(0.03)	-0.85	(0.02)	**0.28**	(0.03)	-1.93	(0.01)	-0.92	(0.00)	-0.47	(0.01)	0.48	(0.02)
	Luxembourg	0.24	(0.02)	0.33	(0.02)	0.14	(0.02)	**0.19**	(0.03)	-1.10	(0.02)	-0.10	(0.00)	0.57	(0.01)	1.59	(0.01)
	Mexico	0.53	(0.01)	0.54	(0.02)	0.52	(0.01)	0.02	(0.02)	-0.45	(0.01)	0.30	(0.00)	0.74	(0.00)	1.54	(0.01)
	Netherlands	-0.33	(0.02)	-0.14	(0.02)	-0.54	(0.02)	**0.40**	(0.03)	-1.51	(0.02)	-0.58	(0.01)	-0.03	(0.01)	0.80	(0.02)
	New Zealand	-0.06	(0.02)	0.06	(0.02)	-0.17	(0.03)	**0.22**	(0.04)	-1.25	(0.02)	-0.33	(0.01)	0.25	(0.01)	1.09	(0.02)
	Norway	0.05	(0.02)	0.27	(0.02)	-0.17	(0.02)	**0.44**	(0.03)	-1.18	(0.02)	-0.27	(0.01)	0.36	(0.01)	1.29	(0.02)
	Poland	0.08	(0.02)	0.13	(0.02)	0.04	(0.02)	**0.09**	(0.03)	-0.90	(0.01)	-0.21	(0.00)	0.34	(0.01)	1.11	(0.01)
	Portugal	0.31	(0.02)	0.36	(0.02)	0.25	(0.02)	**0.10**	(0.03)	-0.73	(0.02)	0.11	(0.01)	0.56	(0.01)	1.28	(0.02)
	Slovak Republic	0.15	(0.02)	0.22	(0.02)	0.08	(0.02)	**0.14**	(0.03)	-0.83	(0.02)	-0.11	(0.00)	0.36	(0.01)	1.17	(0.01)
	Spain	-0.01	(0.01)	0.11	(0.02)	-0.13	(0.02)	**0.24**	(0.03)	-1.25	(0.01)	-0.32	(0.00)	0.31	(0.01)	1.22	(0.01)
	Sweden	0.01	(0.02)	0.17	(0.03)	-0.15	(0.02)	**0.32**	(0.03)	-1.27	(0.02)	-0.32	(0.01)	0.35	(0.01)	1.29	(0.02)
	Switzerland	0.10	(0.01)	0.26	(0.02)	-0.07	(0.02)	**0.34**	(0.02)	-1.11	(0.01)	-0.22	(0.00)	0.40	(0.01)	1.32	(0.01)
	Turkey	0.15	(0.03)	0.19	(0.04)	0.11	(0.03)	0.07	(0.04)	-1.15	(0.02)	-0.12	(0.01)	0.54	(0.00)	1.34	(0.02)
	United Kingdom	0.02	(0.01)	0.20	(0.02)	-0.15	(0.02)	**0.35**	(0.02)	-1.07	(0.01)	-0.24	(0.00)	0.27	(0.01)	1.12	(0.01)
	United States	0.20	(0.02)	0.36	(0.03)	0.05	(0.03)	**0.31**	(0.03)	-1.10	(0.02)	-0.13	(0.00)	0.54	(0.00)	1.51	(0.02)
	OECD total	0.03	(0.01)	0.16	(0.01)	-0.11	(0.01)	**0.27**	(0.01)	-1.29	(0.01)	-0.29	(0.00)	0.37	(0.00)	1.31	(0.01)
	OECD average	0.00	(0.00)	0.13	(0.00)	-0.13	(0.00)	**0.26**	(0.01)	-1.19	(0.00)	-0.28	(0.00)	0.29	(0.00)	1.20	(0.00)
Partners	Argentina	0.26	(0.03)	0.31	(0.03)	0.22	(0.03)	**0.09**	(0.03)	-0.84	(0.03)	-0.04	(0.01)	0.55	(0.01)	1.40	(0.02)
	Azerbaijan	0.65	(0.03)	0.64	(0.04)	0.65	(0.03)	-0.01	(0.03)	-0.55	(0.02)	0.45	(0.01)	0.92	(0.01)	1.76	(0.02)
	Brazil	0.36	(0.02)	0.43	(0.02)	0.31	(0.02)	**0.12**	(0.03)	-0.63	(0.01)	0.04	(0.00)	0.58	(0.01)	1.47	(0.01)
	Bulgaria	0.37	(0.02)	0.41	(0.02)	0.32	(0.02)	**0.10**	(0.02)	-0.69	(0.02)	0.08	(0.01)	0.62	(0.00)	1.45	(0.01)
	Chile	0.18	(0.02)	0.28	(0.02)	0.08	(0.02)	**0.20**	(0.03)	-0.91	(0.02)	-0.15	(0.00)	0.44	(0.01)	1.35	(0.02)
	Colombia	0.75	(0.02)	0.77	(0.03)	0.73	(0.02)	0.04	(0.03)	-0.21	(0.02)	0.54	(0.01)	0.94	(0.01)	1.73	(0.01)
	Croatia	-0.03	(0.02)	0.03	(0.03)	-0.08	(0.02)	**0.11**	(0.03)	-1.09	(0.02)	-0.28	(0.00)	0.20	(0.01)	1.07	(0.01)
	Estonia	0.11	(0.02)	0.17	(0.02)	0.05	(0.02)	**0.12**	(0.03)	-0.85	(0.01)	-0.14	(0.00)	0.29	(0.01)	1.15	(0.02)
	Hong Kong-China	-0.25	(0.02)	-0.03	(0.02)	-0.47	(0.03)	**0.44**	(0.04)	-1.41	(0.02)	-0.58	(0.01)	0.03	(0.01)	0.95	(0.02)
	Indonesia	0.16	(0.03)	0.20	(0.05)	0.13	(0.03)	0.07	(0.04)	-0.73	(0.01)	-0.14	(0.00)	0.39	(0.01)	1.13	(0.01)
	Israel	0.27	(0.02)	0.35	(0.04)	0.19	(0.03)	**0.15**	(0.05)	-1.20	(0.03)	-0.04	(0.01)	0.65	(0.01)	1.68	(0.02)
	Jordan	0.74	(0.02)	0.77	(0.02)	0.72	(0.03)	0.05	(0.03)	-0.37	(0.02)	0.52	(0.01)	1.07	(0.01)	1.75	(0.01)
	Kyrgyzstan	0.69	(0.02)	0.72	(0.02)	0.67	(0.02)	**0.05**	(0.02)	-0.30	(0.01)	0.45	(0.01)	0.94	(0.01)	1.68	(0.01)
	Latvia	0.03	(0.02)	0.11	(0.02)	-0.05	(0.02)	**0.16**	(0.02)	-0.78	(0.01)	-0.21	(0.00)	0.17	(0.00)	0.94	(0.02)
	Liechtenstein	0.09	(0.05)	0.30	(0.09)	-0.10	(0.07)	**0.39**	(0.12)	-1.23	(0.07)	-0.25	(0.02)	0.37	(0.03)	1.47	(0.06)
	Lithuania	-0.24	(0.02)	-0.15	(0.02)	-0.33	(0.02)	**0.18**	(0.03)	-1.13	(0.01)	-0.50	(0.00)	-0.12	(0.00)	0.79	(0.02)
	Macao-China	-0.11	(0.02)	0.10	(0.02)	-0.36	(0.03)	**0.45**	(0.04)	-1.20	(0.02)	-0.45	(0.01)	0.15	(0.01)	1.05	(0.03)
	Montenegro	0.49	(0.01)	0.51	(0.02)	0.47	(0.02)	0.04	(0.03)	-0.60	(0.02)	0.21	(0.01)	0.74	(0.00)	1.62	(0.01)
	Qatar	0.59	(0.01)	0.66	(0.02)	0.52	(0.02)	**0.14**	(0.03)	-0.76	(0.02)	0.33	(0.01)	0.93	(0.01)	1.84	(0.01)
	Romania	0.34	(0.02)	0.38	(0.03)	0.31	(0.02)	**0.07**	(0.03)	-0.63	(0.02)	0.05	(0.01)	0.58	(0.01)	1.37	(0.02)
	Russian Federation	0.16	(0.02)	0.20	(0.03)	0.13	(0.02)	**0.07**	(0.02)	-0.70	(0.01)	-0.12	(0.00)	0.36	(0.01)	1.11	(0.02)
	Serbia	0.24	(0.02)	0.28	(0.03)	0.20	(0.02)	**0.07**	(0.03)	-0.93	(0.02)	-0.04	(0.00)	0.54	(0.00)	1.40	(0.01)
	Chinese Taipei	-0.40	(0.02)	-0.17	(0.02)	-0.66	(0.02)	**0.50**	(0.02)	-1.57	(0.02)	-0.73	(0.00)	-0.17	(0.00)	0.86	(0.01)
	Slovenia	0.22	(0.01)	0.33	(0.02)	0.12	(0.02)	**0.22**	(0.03)	-0.82	(0.02)	-0.09	(0.00)	0.48	(0.01)	1.32	(0.02)
	Thailand	0.69	(0.01)	0.73	(0.02)	0.66	(0.02)	**0.07**	(0.02)	-0.28	(0.01)	0.57	(0.00)	0.83	(0.01)	1.64	(0.02)
	Tunisia	0.64	(0.02)	0.71	(0.03)	0.57	(0.02)	**0.13**	(0.03)	-0.46	(0.02)	0.34	(0.01)	0.97	(0.01)	1.70	(0.01)
	Uruguay	0.35	(0.02)	0.34	(0.02)	0.36	(0.02)	-0.03	(0.03)	-0.75	(0.02)	0.09	(0.00)	0.61	(0.00)	1.46	(0.02)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
StatLink http://dx.doi.org/10.1787/142102278412

Pour consulter la version française intégrale de ce tableau, suivre ce lien :
StatLink http://dx.doi.org/10.1787/152630454851

[Part 2/2]

Table 3.4 Index of self-concept in science and performance on the science scale, by quarters of the index[1]

Tableau 3.4 Indice de perception de soi en sciences et scores sur l'échelle de culture scientifique, par quartile de l'indice

		Performance on the science scale, by quarters of this index								Change in the science score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the science performance distribution		Explained variance in student performance (r-squared x 100)	
		Bottom quarter		Second quarter		Third quarter		Top quarter							
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E	Effect	S.E.	Ratio	S.E.	Percentage	S.E.
OECD	Australia	**478**	(2.5)	519	(2.5)	552	(2.8)	**589**	(3.6)	**42.9**	(1.27)	**2.4**	(0.10)	18.4	(1.05)
	Austria	**479**	(4.6)	508	(5.6)	530	(5.4)	**544**	(5.6)	**23.4**	(1.68)	**1.6**	(0.12)	6.7	(1.06)
	Belgium	**490**	(3.9)	520	(3.2)	536	(3.5)	**550**	(3.9)	**25.7**	(1.94)	**1.6**	(0.09)	6.7	(0.95)
	Canada	**494**	(3.0)	519	(2.9)	554	(2.9)	**592**	(2.9)	**34.3**	(1.04)	**2.1**	(0.10)	16.0	(0.88)
	Czech Republic	**502**	(5.0)	519	(4.5)	527	(4.0)	**527**	(5.0)	**11.9**	(2.28)	**1.3**	(0.10)	1.0	(0.41)
	Denmark	**456**	(3.6)	483	(3.5)	511	(4.1)	**545**	(4.1)	**32.8**	(1.45)	**1.9**	(0.11)	12.5	(1.07)
	Finland	**524**	(2.8)	548	(3.1)	577	(3.0)	**608**	(3.2)	**41.3**	(1.58)	**2.0**	(0.12)	16.7	(1.29)
	France	**469**	(3.9)	482	(3.8)	509	(4.4)	**539**	(5.0)	**27.8**	(1.65)	**1.4**	(0.09)	7.8	(0.98)
	Germany	**494**	(4.1)	513	(4.3)	531	(4.9)	**556**	(5.2)	**24.9**	(1.54)	**1.5**	(0.11)	6.6	(0.86)
	Greece	**459**	(3.3)	464	(3.8)	481	(4.5)	**494**	(4.7)	**15.6**	(1.55)	**1.2**	(0.09)	2.9	(0.58)
	Hungary	**495**	(3.8)	500	(3.1)	506	(3.5)	**520**	(5.1)	**10.3**	(2.70)	1.1	(0.09)	1.1	(0.57)
	Iceland	**437**	(3.3)	476	(3.4)	516	(3.3)	**551**	(3.4)	**40.3**	(1.58)	**2.6**	(0.18)	21.5	(1.52)
	Ireland	**471**	(3.7)	500	(4.5)	525	(4.3)	**566**	(4.3)	**35.0**	(1.59)	**2.0**	(0.14)	15.4	(1.31)
	Italy	**462**	(2.4)	467	(2.9)	479	(2.8)	**490**	(3.8)	**14.7**	(1.66)	**1.1**	(0.05)	1.9	(0.43)
	Japan	**492**	(4.3)	533	(3.8)	545	(4.0)	**559**	(3.9)	**25.2**	(1.73)	**1.9**	(0.11)	6.2	(0.85)
	Korea	**487**	(3.8)	504	(4.1)	529	(3.9)	**569**	(4.9)	**33.6**	(1.75)	**1.8**	(0.10)	12.6	(1.25)
	Luxembourg	**457**	(2.4)	481	(3.1)	495	(2.9)	**521**	(3.2)	**23.4**	(1.26)	**1.6**	(0.10)	6.7	(0.73)
	Mexico	**406**	(2.7)	413	(3.4)	415	(3.5)	**415**	(4.3)	**6.1**	(1.66)	1.1	(0.06)	0.4	(0.20)
	Netherlands	**502**	(3.5)	518	(3.7)	538	(4.0)	**561**	(6.2)	**25.2**	(2.51)	**1.5**	(0.11)	6.2	(1.29)
	New Zealand	**492**	(3.1)	517	(3.8)	548	(3.9)	**593**	(4.6)	**41.2**	(1.98)	**1.8**	(0.11)	13.6	(1.28)
	Norway	**448**	(3.4)	475	(3.6)	505	(3.7)	**535**	(3.5)	**34.3**	(1.51)	**1.9**	(0.11)	13.5	(1.07)
	Poland	**477**	(3.1)	489	(3.5)	506	(3.8)	**522**	(3.5)	**22.2**	(1.72)	**1.3**	(0.10)	4.2	(0.62)
	Portugal	**442**	(3.9)	471	(3.7)	478	(4.1)	**496**	(5.4)	**25.7**	(2.22)	**1.5**	(0.11)	5.5	(1.03)
	Slovak Republic	**473**	(3.7)	485	(4.4)	493	(4.4)	**510**	(4.4)	**18.3**	(2.14)	**1.3**	(0.10)	2.7	(0.60)
	Spain	**458**	(2.4)	475	(3.1)	504	(3.2)	**524**	(3.4)	**27.6**	(1.17)	**1.6**	(0.09)	9.4	(0.72)
	Sweden	**458**	(3.3)	491	(3.1)	520	(3.3)	**559**	(4.0)	**38.2**	(1.49)	**2.3**	(0.13)	18.2	(1.29)
	Switzerland	**478**	(4.1)	506	(3.4)	528	(4.0)	**552**	(4.6)	**30.8**	(1.59)	**1.8**	(0.10)	9.0	(0.97)
	Turkey	**410**	(3.7)	427	(4.4)	432	(4.8)	**437**	(6.2)	**11.0**	(1.99)	1.2	(0.10)	1.8	(0.58)
	United Kingdom	**475**	(3.1)	502	(3.0)	529	(3.6)	**563**	(3.9)	**38.9**	(1.69)	**1.6**	(0.09)	10.9	(0.92)
	United States	**455**	(2.9)	475	(4.6)	504	(5.5)	**528**	(6.9)	**28.8**	(2.25)	**1.4**	(0.11)	8.0	(1.35)
	OECD total	**477**	(1.2)	485	(1.2)	499	(1.6)	**511**	(2.4)	**14.9**	(0.79)	**1.1**	(0.03)	2.2	(0.25)
	OECD average	**471**	(0.6)	493	(0.7)	513	(0.7)	**537**	(0.8)	**27.0**	(0.32)	**1.6**	(0.02)	8.8	(0.18)
Partners	Argentina	396	(7.5)	404	(5.8)	408	(7.2)	397	(7.3)	4.0	(3.09)	1.1	(0.10)	0.1	(0.22)
	Azerbaijan	382	(4.1)	387	(3.7)	387	(3.4)	383	(3.3)	1.1	(1.68)	1.2	(0.12)	0.0	(0.12)
	Brazil	393	(4.0)	397	(4.4)	393	(3.4)	394	(4.4)	1.9	(2.23)	1.0	(0.08)	0.0	(0.09)
	Bulgaria	**431**	(6.1)	443	(6.5)	434	(6.9)	**450**	(7.6)	**8.6**	(2.83)	1.1	(0.10)	0.5	(0.32)
	Chile	**419**	(3.9)	433	(4.5)	453	(5.6)	**461**	(6.4)	**19.3**	(2.05)	**1.4**	(0.10)	3.6	(0.73)
	Colombia	385	(4.1)	397	(4.9)	392	(5.4)	391	(5.1)	3.2	(2.99)	1.0	(0.09)	0.1	(0.17)
	Croatia	**480**	(3.2)	496	(3.6)	511	(3.9)	**508**	(4.3)	**13.9**	(2.06)	**1.3**	(0.11)	2.0	(0.58)
	Estonia	**503**	(3.0)	523	(3.4)	542	(3.9)	**559**	(4.1)	**27.9**	(1.89)	**1.5**	(0.12)	7.3	(0.97)
	Hong Kong-China	**525**	(3.5)	550	(4.0)	569	(4.6)	**578**	(4.3)	**22.1**	(1.82)	**1.5**	(0.14)	5.6	(0.93)
	Indonesia	**417**	(9.8)	405	(6.0)	387	(3.9)	**371**	(3.7)	**-24.4**	(3.84)	**0.6**	(0.07)	6.9	(1.79)
	Israel	**423**	(4.5)	452	(4.9)	476	(4.5)	**492**	(5.8)	**25.3**	(1.88)	**1.6**	(0.11)	6.7	(0.97)
	Jordan	**401**	(3.4)	419	(3.3)	429	(3.4)	**448**	(4.5)	**21.3**	(2.11)	**1.4**	(0.11)	4.1	(0.74)
	Kyrgyzstan	**357**	(4.3)	334	(3.7)	315	(3.8)	**307**	(3.7)	**-23.8**	(2.24)	**0.5**	(0.05)	5.1	(0.83)
	Latvia	**478**	(4.0)	483	(3.3)	500	(3.6)	**501**	(5.1)	**14.1**	(2.45)	1.1	(0.09)	1.4	(0.47)
	Liechtenstein	**506**	(11.1)	507	(10.1)	528	(11.4)	**553**	(10.8)	**19.6**	(4.99)	1.3	(0.32)	4.7	(2.40)
	Lithuania	**467**	(4.0)	479	(3.3)	497	(4.0)	**511**	(3.9)	**22.4**	(1.83)	**1.3**	(0.10)	3.8	(0.62)
	Macao-China	**491**	(3.0)	503	(3.5)	519	(3.7)	**520**	(3.6)	**13.6**	(1.84)	**1.3**	(0.12)	2.3	(0.62)
	Montenegro	410	(2.8)	418	(2.4)	412	(2.5)	416	(2.9)	1.9	(1.79)	1.0	(0.10)	0.1	(0.10)
	Qatar	**339**	(2.3)	354	(2.2)	360	(2.1)	**357**	(2.4)	**7.8**	(1.07)	**1.3**	(0.07)	0.9	(0.26)
	Romania	416	(5.4)	422	(4.8)	418	(5.4)	419	(6.1)	1.9	(2.78)	0.9	(0.11)	0.0	(0.12)
	Russian Federation	**467**	(3.3)	475	(4.2)	491	(4.2)	**490**	(6.4)	**13.8**	(2.70)	**1.2**	(0.09)	1.3	(0.53)
	Serbia	**427**	(3.4)	440	(3.3)	435	(4.0)	**443**	(4.8)	**6.5**	(1.69)	1.1	(0.08)	0.5	(0.28)
	Slovenia	**518**	(2.7)	517	(3.2)	524	(4.1)	**536**	(4.0)	**10.5**	(1.86)	1.0	(0.07)	0.9	(0.31)
	Chinese Taipei	**517**	(3.3)	522	(4.2)	544	(4.2)	**548**	(5.6)	**13.9**	(1.74)	**1.2**	(0.08)	2.1	(0.54)
	Thailand	424	(3.4)	421	(3.2)	421	(3.1)	417	(3.7)	-4.1	(2.13)	0.9	(0.07)	0.2	(0.16)
	Tunisia	**381**	(3.3)	385	(4.4)	393	(4.4)	**396**	(4.0)	**7.5**	(2.01)	1.0	(0.07)	0.6	(0.33)
	Uruguay	**417**	(3.7)	436	(4.6)	441	(4.6)	**441**	(4.9)	**12.7**	(2.39)	1.2	(0.10)	1.5	(0.56)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
StatLink http://dx.doi.org/10.1787/142102278412

Pour consulter la version française intégrale de ce tableau, suivre ce lien :
StatLink http://dx.doi.org/10.1787/152630454851



[Part 1/2]

Table 3.5 Index of general value of science and performance on the science scale, by quarters of the index[1]

Tableau 3.5 Indice de valorisation générale des sciences et scores sur l'échelle de culture scientifique, par quartile de l'indice

		Index of general value of science															
		All students		Males		Females		Gender difference (M - F)		Bottom quarter		Second quarter		Third quarter		Top quarter	
		Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD	Australia	-0.05	(0.01)	0.00	(0.02)	-0.11	(0.02)	**0.12**	(0.03)	-1.22	(0.01)	-0.45	(0.00)	0.14	(0.01)	1.31	(0.01)
	Austria	-0.12	(0.02)	-0.02	(0.03)	-0.22	(0.03)	**0.20**	(0.03)	-1.42	(0.02)	-0.51	(0.01)	0.24	(0.01)	1.20	(0.01)
	Belgium	-0.16	(0.02)	-0.10	(0.03)	-0.23	(0.02)	**0.14**	(0.03)	-1.23	(0.02)	-0.49	(0.00)	0.05	(0.01)	1.01	(0.01)
	Canada	0.14	(0.01)	0.21	(0.02)	0.07	(0.01)	**0.14**	(0.02)	-1.06	(0.01)	-0.28	(0.00)	0.40	(0.01)	1.51	(0.01)
	Czech Republic	-0.12	(0.02)	-0.08	(0.02)	-0.19	(0.02)	**0.11**	(0.03)	-1.12	(0.02)	-0.43	(0.01)	0.03	(0.01)	1.03	(0.02)
	Denmark	-0.27	(0.01)	-0.22	(0.02)	-0.32	(0.02)	**0.11**	(0.03)	-1.22	(0.01)	-0.58	(0.01)	-0.14	(0.01)	0.86	(0.02)
	Finland	0.07	(0.02)	0.09	(0.02)	0.04	(0.02)	**0.06**	(0.03)	-0.90	(0.02)	-0.34	(0.00)	0.24	(0.01)	1.26	(0.02)
	France	-0.17	(0.02)	-0.13	(0.03)	-0.21	(0.02)	**0.09**	(0.03)	-1.28	(0.02)	-0.53	(0.01)	0.09	(0.01)	1.04	(0.02)
	Germany	-0.10	(0.02)	0.02	(0.03)	-0.22	(0.03)	**0.25**	(0.04)	-1.41	(0.03)	-0.46	(0.01)	0.26	(0.01)	1.23	(0.02)
	Greece	-0.04	(0.02)	-0.01	(0.03)	-0.07	(0.02)	0.06	(0.03)	-1.14	(0.02)	-0.38	(0.01)	0.24	(0.01)	1.12	(0.02)
	Hungary	-0.04	(0.02)	0.02	(0.03)	-0.10	(0.02)	**0.12**	(0.03)	-1.12	(0.02)	-0.35	(0.00)	0.22	(0.01)	1.09	(0.02)
	Iceland	-0.19	(0.02)	-0.12	(0.02)	-0.27	(0.02)	**0.15**	(0.03)	-1.40	(0.02)	-0.58	(0.01)	0.01	(0.01)	1.19	(0.02)
	Ireland	0.02	(0.02)	0.07	(0.02)	-0.02	(0.03)	**0.09**	(0.03)	-1.19	(0.02)	-0.39	(0.01)	0.28	(0.01)	1.38	(0.02)
	Italy	-0.01	(0.01)	0.07	(0.02)	-0.09	(0.01)	**0.16**	(0.02)	-1.08	(0.01)	-0.35	(0.00)	0.24	(0.00)	1.17	(0.01)
	Japan	-0.18	(0.02)	-0.03	(0.02)	-0.33	(0.03)	**0.30**	(0.03)	-1.42	(0.02)	-0.53	(0.01)	-0.02	(0.01)	1.26	(0.02)
	Korea	0.27	(0.02)	0.31	(0.03)	0.22	(0.02)	**0.08**	(0.03)	-0.81	(0.02)	-0.19	(0.01)	0.49	(0.01)	1.57	(0.02)
	Luxembourg	-0.02	(0.02)	0.04	(0.03)	-0.09	(0.02)	**0.13**	(0.04)	-1.41	(0.02)	-0.39	(0.01)	0.31	(0.01)	1.40	(0.02)
	Mexico	0.37	(0.02)	0.39	(0.02)	0.34	(0.02)	**0.05**	(0.02)	-0.81	(0.02)	0.01	(0.01)	0.67	(0.01)	1.60	(0.01)
	Netherlands	-0.21	(0.02)	-0.09	(0.02)	-0.34	(0.02)	**0.25**	(0.03)	-1.25	(0.02)	-0.46	(0.01)	-0.12	(0.01)	0.99	(0.02)
	New Zealand	-0.13	(0.02)	-0.08	(0.02)	-0.19	(0.03)	**0.11**	(0.04)	-1.25	(0.02)	-0.49	(0.01)	0.03	(0.01)	1.19	(0.02)
	Norway	-0.14	(0.02)	-0.06	(0.03)	-0.22	(0.02)	**0.16**	(0.04)	-1.38	(0.03)	-0.49	(0.01)	0.06	(0.01)	1.25	(0.02)
	Poland	0.22	(0.02)	0.22	(0.02)	0.23	(0.02)	-0.01	(0.03)	-0.78	(0.01)	-0.21	(0.01)	0.42	(0.01)	1.47	(0.02)
	Portugal	0.37	(0.01)	0.42	(0.02)	0.32	(0.02)	**0.10**	(0.03)	-0.67	(0.01)	-0.04	(0.01)	0.63	(0.01)	1.56	(0.02)
	Slovak Republic	0.03	(0.02)	0.09	(0.03)	-0.04	(0.03)	**0.13**	(0.04)	-0.96	(0.01)	-0.34	(0.00)	0.22	(0.01)	1.19	(0.02)
	Spain	0.29	(0.01)	0.36	(0.02)	0.22	(0.02)	**0.14**	(0.02)	-0.90	(0.01)	-0.11	(0.01)	0.61	(0.00)	1.57	(0.01)
	Sweden	-0.19	(0.02)	-0.13	(0.03)	-0.24	(0.03)	**0.11**	(0.04)	-1.37	(0.02)	-0.53	(0.01)	0.01	(0.01)	1.14	(0.02)
	Switzerland	-0.11	(0.01)	-0.03	(0.02)	-0.19	(0.02)	**0.16**	(0.02)	-1.31	(0.02)	-0.47	(0.00)	0.22	(0.00)	1.12	(0.01)
	Turkey	0.46	(0.03)	0.37	(0.04)	0.57	(0.02)	**-0.20**	(0.04)	-0.88	(0.03)	0.01	(0.01)	0.82	(0.01)	1.89	(0.01)
	United Kingdom	-0.16	(0.01)	-0.03	(0.02)	-0.28	(0.02)	**0.26**	(0.03)	-1.26	(0.01)	-0.54	(0.01)	0.00	(0.01)	1.17	(0.01)
	United States	0.15	(0.02)	0.22	(0.03)	0.07	(0.03)	**0.15**	(0.04)	-1.12	(0.02)	-0.31	(0.00)	0.41	(0.01)	1.61	(0.01)
	OECD total	0.08	(0.01)	0.15	(0.01)	0.01	(0.01)	**0.13**	(0.01)	-1.16	(0.01)	-0.32	(0.00)	0.34	(0.00)	1.46	(0.01)
	OECD average	0.00	(0.00)	0.06	(0.00)	-0.06	(0.00)	**0.12**	(0.01)	-1.15	(0.00)	-0.37	(0.00)	0.24	(0.00)	1.28	(0.00)
Partners	Argentina	0.05	(0.02)	0.09	(0.03)	0.01	(0.03)	**0.09**	(0.04)	-1.16	(0.02)	-0.29	(0.01)	0.33	(0.01)	1.31	(0.02)
	Azerbaijan	0.53	(0.02)	0.49	(0.03)	0.58	(0.03)	**-0.09**	(0.04)	-0.73	(0.02)	0.22	(0.01)	0.82	(0.01)	1.81	(0.01)
	Brazil	0.26	(0.02)	0.30	(0.02)	0.22	(0.02)	**0.08**	(0.03)	-0.89	(0.01)	-0.13	(0.01)	0.53	(0.01)	1.52	(0.02)
	Bulgaria	0.26	(0.02)	0.20	(0.03)	0.32	(0.03)	**-0.12**	(0.04)	-0.91	(0.02)	-0.17	(0.01)	0.55	(0.01)	1.56	(0.02)
	Chile	0.58	(0.02)	0.66	(0.02)	0.48	(0.03)	**0.19**	(0.04)	-0.73	(0.02)	0.26	(0.01)	0.92	(0.01)	1.87	(0.01)
	Colombia	0.47	(0.02)	0.49	(0.03)	0.45	(0.02)	0.04	(0.04)	-0.67	(0.01)	0.16	(0.01)	0.72	(0.01)	1.66	(0.02)
	Croatia	0.15	(0.01)	0.19	(0.02)	0.11	(0.02)	**0.07**	(0.03)	-0.90	(0.01)	-0.20	(0.01)	0.35	(0.01)	1.34	(0.01)
	Estonia	0.14	(0.01)	0.18	(0.02)	0.11	(0.02)	**0.07**	(0.03)	-0.92	(0.01)	-0.19	(0.01)	0.37	(0.01)	1.31	(0.01)
	Hong Kong-China	0.55	(0.02)	0.60	(0.03)	0.49	(0.02)	**0.10**	(0.03)	-0.61	(0.01)	0.03	(0.01)	0.82	(0.01)	1.95	(0.01)
	Indonesia	0.31	(0.02)	0.30	(0.03)	0.33	(0.02)	-0.04	(0.03)	-0.70	(0.01)	-0.03	(0.01)	0.57	(0.01)	1.42	(0.02)
	Israel	0.24	(0.03)	0.26	(0.04)	0.22	(0.04)	0.05	(0.06)	-1.27	(0.02)	-0.15	(0.01)	0.64	(0.01)	1.75	(0.01)
	Jordan	0.60	(0.02)	0.49	(0.03)	0.70	(0.03)	**-0.21**	(0.04)	-0.74	(0.02)	0.30	(0.01)	0.96	(0.01)	1.87	(0.01)
	Kyrgyzstan	0.41	(0.02)	0.32	(0.02)	0.49	(0.02)	**-0.17**	(0.03)	-0.82	(0.01)	0.09	(0.01)	0.72	(0.01)	1.65	(0.01)
	Latvia	0.01	(0.02)	0.03	(0.02)	0.00	(0.02)	0.03	(0.03)	-0.98	(0.01)	-0.31	(0.00)	0.23	(0.01)	1.11	(0.02)
	Liechtenstein	-0.14	(0.05)	-0.05	(0.09)	-0.21	(0.07)	0.16	(0.13)	-1.37	(0.07)	-0.49	(0.02)	0.16	(0.03)	1.16	(0.06)
	Lithuania	0.15	(0.02)	0.10	(0.02)	0.21	(0.02)	**-0.12**	(0.03)	-0.89	(0.01)	-0.20	(0.01)	0.36	(0.01)	1.35	(0.02)
	Macao-China	0.54	(0.01)	0.50	(0.02)	0.58	(0.02)	**-0.08**	(0.03)	-0.58	(0.01)	0.17	(0.01)	0.76	(0.01)	1.81	(0.02)
	Montenegro	0.24	(0.02)	0.26	(0.02)	0.22	(0.02)	0.04	(0.03)	-0.93	(0.02)	-0.12	(0.01)	0.53	(0.01)	1.50	(0.02)
	Qatar	0.41	(0.02)	0.34	(0.03)	0.48	(0.02)	**-0.14**	(0.03)	-1.22	(0.02)	0.02	(0.01)	0.89	(0.01)	1.95	(0.01)
	Romania	0.22	(0.03)	0.22	(0.04)	0.22	(0.03)	0.00	(0.04)	-0.91	(0.03)	-0.15	(0.01)	0.49	(0.01)	1.44	(0.02)
	Russian Federation	0.02	(0.01)	0.07	(0.02)	-0.02	(0.02)	**0.09**	(0.02)	-1.00	(0.01)	-0.30	(0.00)	0.25	(0.01)	1.14	(0.02)
	Serbia	0.07	(0.02)	0.12	(0.02)	0.02	(0.02)	**0.10**	(0.03)	-1.09	(0.01)	-0.28	(0.01)	0.30	(0.01)	1.35	(0.02)
	Slovenia	0.02	(0.01)	0.03	(0.02)	0.01	(0.02)	0.02	(0.03)	-1.04	(0.01)	-0.35	(0.00)	0.23	(0.01)	1.24	(0.02)
	Chinese Taipei	0.72	(0.02)	0.80	(0.02)	0.63	(0.02)	**0.17**	(0.03)	-0.60	(0.01)	0.19	(0.01)	1.12	(0.01)	2.16	(0.00)
	Thailand	0.77	(0.02)	0.66	(0.02)	0.86	(0.02)	**-0.20**	(0.03)	-0.40	(0.01)	0.44	(0.01)	1.10	(0.01)	1.96	(0.01)
	Tunisia	0.70	(0.02)	0.66	(0.03)	0.75	(0.03)	**-0.09**	(0.04)	-0.59	(0.02)	0.41	(0.01)	1.07	(0.01)	1.93	(0.01)
	Uruguay	-0.10	(0.02)	-0.11	(0.03)	-0.08	(0.02)	-0.03	(0.03)	-1.16	(0.02)	-0.45	(0.01)	0.16	(0.01)	1.07	(0.02)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 2/2]

Table 3.5 Index of general value of science and performance on the science scale, by quarters of the index[1]

Tableau 3.5 Indice de valorisation générale des sciences et scores sur l'échelle de culture scientifique, par quartile de l'indice

		Performance on the science scale, by quarters of this index								Change in the science score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the science performance distribution		Explained variance in student performance (r-squared x 100)	
		Bottom quarter		Second quarter		Third quarter		Top quarter							
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E	Effect	S.E.	Ratio	S.E.	Percentage	S.E.
OECD	Australia	**476**	(2.9)	516	(2.53)	546	(2.92)	**573**	(2.8)	**36.9**	(1.08)	**2.3**	(0.09)	14.3	(0.76)
	Austria	**475**	(4.9)	508	(4.34)	532	(4.60)	**536**	(4.7)	**23.9**	(1.88)	**1.9**	(0.15)	6.6	(1.00)
	Belgium	**486**	(4.2)	513	(3.20)	523	(3.44)	**539**	(3.1)	**23.6**	(2.18)	**1.7**	(0.09)	4.9	(0.87)
	Canada	**502**	(3.0)	527	(2.85)	551	(2.63)	**566**	(2.7)	**25.3**	(1.11)	**1.8**	(0.09)	7.7	(0.66)
	Czech Republic	**480**	(4.9)	516	(4.60)	528	(3.89)	**548**	(4.5)	**28.8**	(1.80)	**2.0**	(0.12)	7.1	(0.91)
	Denmark	**472**	(3.6)	484	(4.42)	500	(4.72)	**530**	(3.9)	**27.7**	(1.81)	**1.5**	(0.09)	6.3	(0.79)
	Finland	**526**	(3.8)	555	(3.57)	577	(2.77)	**596**	(2.8)	**31.5**	(1.54)	**2.1**	(0.13)	10.7	(1.03)
	France	**463**	(4.8)	491	(4.74)	509	(4.21)	**524**	(4.3)	**26.6**	(1.92)	**1.7**	(0.09)	6.2	(0.83)
	Germany	**483**	(6.0)	519	(4.38)	539	(3.36)	**550**	(4.9)	**26.9**	(1.49)	**2.0**	(0.13)	8.8	(0.90)
	Greece	**442**	(4.2)	469	(4.16)	489	(3.96)	**496**	(3.9)	**24.1**	(1.69)	**1.7**	(0.10)	5.8	(0.77)
	Hungary	**475**	(3.8)	501	(3.96)	515	(3.68)	**526**	(4.1)	**23.4**	(1.78)	**1.7**	(0.14)	5.7	(0.85)
	Iceland	**445**	(3.7)	484	(3.92)	505	(3.32)	**536**	(3.3)	**33.0**	(1.76)	**2.3**	(0.15)	13.1	(1.29)
	Ireland	**465**	(4.8)	502	(3.86)	526	(3.59)	**546**	(3.3)	**30.9**	(1.19)	**2.2**	(0.16)	11.2	(0.84)
	Italy	**441**	(2.4)	469	(2.57)	487	(2.50)	**507**	(3.1)	**28.8**	(1.25)	**1.8**	(0.08)	7.4	(0.66)
	Japan	**486**	(5.1)	532	(3.52)	546	(4.04)	**562**	(3.3)	**27.5**	(1.76)	**2.2**	(0.13)	8.9	(1.01)
	Korea	**494**	(5.1)	520	(4.41)	533	(3.35)	**543**	(4.9)	**22.3**	(2.20)	**1.7**	(0.12)	5.8	(1.09)
	Luxembourg	**450**	(2.8)	479	(3.13)	500	(2.51)	**519**	(2.9)	**24.6**	(1.41)	**1.9**	(0.11)	8.2	(0.93)
	Mexico	**390**	(4.0)	406	(3.17)	416	(3.37)	**430**	(3.5)	**17.7**	(1.61)	**1.5**	(0.09)	4.5	(0.79)
	Netherlands	**484**	(4.2)	526	(3.78)	544	(3.47)	**564**	(4.4)	**33.8**	(1.53)	**2.4**	(0.14)	11.1	(0.98)
	New Zealand	**485**	(4.1)	519	(3.75)	551	(4.17)	**574**	(3.6)	**35.4**	(1.74)	**2.0**	(0.15)	10.8	(1.06)
	Norway	**445**	(4.2)	483	(4.16)	503	(3.06)	**529**	(3.7)	**30.8**	(1.39)	**2.1**	(0.12)	12.6	(1.15)
	Poland	**464**	(3.3)	487	(3.39)	513	(3.23)	**529**	(3.0)	**27.6**	(1.42)	**1.9**	(0.11)	8.0	(0.78)
	Portugal	**443**	(4.3)	464	(4.20)	485	(3.64)	**506**	(3.7)	**28.1**	(1.78)	**1.8**	(0.15)	8.3	(0.97)
	Slovak Republic	**452**	(4.2)	485	(3.70)	501	(3.74)	**522**	(4.1)	**30.4**	(2.26)	**2.0**	(0.15)	8.3	(1.12)
	Spain	**455**	(4.0)	490	(3.55)	499	(3.17)	**511**	(3.4)	**22.3**	(1.27)	**1.9**	(0.10)	6.0	(0.68)
	Sweden	**464**	(4.1)	495	(3.25)	515	(3.29)	**546**	(3.8)	**31.4**	(1.76)	**2.1**	(0.13)	11.8	(1.35)
	Switzerland	**474**	(4.2)	509	(3.50)	528	(4.27)	**536**	(3.6)	**26.0**	(1.39)	**1.9**	(0.09)	6.6	(0.71)
	Turkey	**386**	(3.5)	416	(4.54)	436	(4.31)	**459**	(5.5)	**26.1**	(1.81)	**2.1**	(0.16)	12.0	(1.20)
	United Kingdom	**463**	(3.4)	507	(2.85)	531	(3.44)	**563**	(3.1)	**39.2**	(1.43)	**2.2**	(0.11)	13.0	(0.87)
	United States	**449**	(4.4)	476	(4.93)	507	(4.87)	**529**	(4.5)	**29.9**	(1.38)	**1.9**	(0.11)	9.5	(0.80)
	OECD total	**461**	(1.4)	487	(1.47)	504	(1.45)	**517**	(1.5)	**21.8**	(0.50)	**1.6**	(0.03)	4.8	(0.22)
	OECD average	**464**	(0.8)	495	(0.70)	514	(0.66)	**533**	(0.7)	**28.1**	(0.30)	**1.9**	(0.02)	8.7	(0.17)
Partners	Argentina	**379**	(6.9)	398	(6.64)	395	(6.39)	**403**	(7.3)	**9.6**	(2.33)	**1.3**	(0.12)	0.9	(0.44)
	Azerbaijan	**371**	(3.2)	384	(3.27)	388	(3.59)	**392**	(3.4)	**8.6**	(1.26)	**1.5**	(0.13)	2.3	(0.68)
	Brazil	**366**	(3.4)	386	(3.80)	402	(4.19)	**411**	(3.8)	**19.0**	(1.52)	**1.6**	(0.13)	4.2	(0.64)
	Bulgaria	**406**	(6.8)	430	(6.69)	451	(7.40)	**460**	(7.3)	**20.5**	(2.37)	**1.6**	(0.14)	3.8	(0.83)
	Chile	**414**	(4.7)	434	(5.36)	443	(5.82)	**462**	(5.4)	**17.9**	(1.58)	**1.5**	(0.11)	3.9	(0.62)
	Colombia	**374**	(4.1)	391	(5.33)	391	(4.81)	**398**	(4.2)	**10.6**	(1.62)	**1.3**	(0.10)	1.3	(0.41)
	Croatia	**467**	(3.0)	488	(3.47)	505	(3.10)	**515**	(3.3)	**20.6**	(1.38)	**1.7**	(0.09)	4.7	(0.63)
	Estonia	**492**	(3.1)	525	(3.16)	545	(3.62)	**564**	(3.7)	**31.6**	(1.50)	**2.2**	(0.10)	11.1	(0.95)
	Hong Kong-China	**511**	(4.2)	539	(4.04)	556	(4.19)	**564**	(3.8)	**21.0**	(1.90)	**1.8**	(0.14)	5.4	(0.86)
	Indonesia	**380**	(5.8)	391	(6.99)	399	(5.97)	**404**	(4.9)	**11.8**	(1.83)	**1.3**	(0.09)	2.1	(0.70)
	Israel	**420**	(5.2)	457	(4.49)	474	(4.79)	**486**	(4.5)	**22.0**	(1.76)	**1.8**	(0.11)	5.6	(0.86)
	Jordan	**384**	(3.8)	423	(3.58)	436	(4.04)	**450**	(3.6)	**24.6**	(1.49)	**2.1**	(0.13)	8.1	(0.84)
	Kyrgyzstan	**309**	(3.9)	326	(3.79)	330	(3.49)	**333**	(4.0)	**10.9**	(1.58)	**1.4**	(0.08)	1.6	(0.48)
	Latvia	**460**	(4.2)	486	(3.56)	503	(4.08)	**512**	(4.1)	**23.6**	(1.85)	**1.8**	(0.14)	5.6	(0.87)
	Liechtenstein	**495**	(11.3)	511	(10.73)	538	(11.18)	**549**	(9.4)	**19.6**	(4.61)	1.6	(0.33)	4.5	(1.98)
	Lithuania	**452**	(3.5)	479	(3.80)	506	(3.73)	**517**	(3.6)	**28.6**	(1.53)	**1.9**	(0.12)	8.1	(0.75)
	Macao-China	**491**	(2.5)	511	(2.68)	517	(2.56)	**525**	(2.5)	**14.0**	(1.28)	**1.6**	(0.11)	2.8	(0.51)
	Montenegro	**393**	(2.5)	411	(2.51)	422	(2.70)	**426**	(2.5)	**12.9**	(1.35)	**1.5**	(0.12)	2.6	(0.54)
	Qatar	**319**	(2.3)	353	(3.10)	366	(3.31)	**369**	(3.2)	**15.9**	(0.84)	**1.9**	(0.11)	5.8	(0.60)
	Romania	**387**	(4.8)	415	(5.21)	432	(4.92)	**441**	(5.1)	**23.2**	(1.73)	**1.8**	(0.12)	7.4	(1.00)
	Russian Federation	**458**	(4.5)	478	(4.25)	485	(4.29)	**497**	(4.6)	**17.6**	(1.63)	**1.5**	(0.11)	2.9	(0.53)
	Serbia	**419**	(3.4)	431	(4.07)	444	(3.82)	**451**	(4.3)	**11.5**	(1.52)	**1.3**	(0.09)	1.7	(0.45)
	Slovenia	**484**	(2.9)	511	(3.36)	538	(3.53)	**551**	(3.1)	**28.2**	(1.93)	**1.8**	(0.10)	7.3	(0.98)
	Chinese Taipei	**502**	(5.1)	532	(3.95)	545	(3.26)	**550**	(4.0)	**17.8**	(1.26)	**1.8**	(0.09)	4.1	(0.55)
	Thailand	**393**	(3.1)	416	(2.81)	430	(2.94)	**445**	(3.1)	**22.2**	(1.28)	**1.8**	(0.12)	7.0	(0.78)
	Tunisia	**357**	(3.7)	381	(3.97)	394	(3.99)	**412**	(3.6)	**21.7**	(1.43)	**1.8**	(0.11)	6.9	(0.88)
	Uruguay	**414**	(4.3)	429	(3.45)	435	(4.60)	**441**	(3.8)	**11.6**	(1.99)	**1.2**	(0.08)	1.2	(0.43)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 1/2]

Table 3.6 Index of personal value of science and performance on the science scale, by quarters of the index[1]

Tableau 3.6 Indice de valorisation personnelle des sciences et scores sur l'échelle de culture scientifique, par quartile de l'indice

		Index of personal value of science															
		All students		Males		Females		Gender difference (M - F)		Bottom quarter		Second quarter		Third quarter		Top quarter	
		Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD	Australia	0.02	(0.01)	0.06	(0.02)	-0.04	(0.02)	**0.10**	(0.03)	-1.29	(0.01)	-0.35	(0.00)	0.30	(0.00)	1.41	(0.01)
	Austria	-0.36	(0.02)	-0.27	(0.03)	-0.45	(0.03)	**0.18**	(0.03)	-1.66	(0.02)	-0.74	(0.01)	-0.05	(0.01)	1.01	(0.02)
	Belgium	-0.15	(0.01)	-0.08	(0.02)	-0.23	(0.02)	**0.15**	(0.03)	-1.27	(0.02)	-0.45	(0.00)	0.13	(0.00)	0.99	(0.01)
	Canada	0.20	(0.01)	0.23	(0.02)	0.16	(0.02)	**0.07**	(0.02)	-1.11	(0.01)	-0.16	(0.00)	0.49	(0.00)	1.57	(0.01)
	Czech Republic	-0.15	(0.02)	-0.21	(0.03)	-0.08	(0.03)	**-0.13**	(0.03)	-1.21	(0.02)	-0.44	(0.00)	0.10	(0.01)	0.94	(0.02)
	Denmark	-0.18	(0.02)	-0.17	(0.02)	-0.18	(0.02)	0.01	(0.03)	-1.37	(0.02)	-0.55	(0.01)	0.12	(0.01)	1.10	(0.02)
	Finland	-0.09	(0.02)	-0.14	(0.02)	-0.05	(0.02)	**-0.09**	(0.02)	-1.15	(0.02)	-0.41	(0.01)	0.19	(0.01)	0.99	(0.02)
	France	-0.14	(0.02)	-0.06	(0.03)	-0.22	(0.02)	**0.16**	(0.03)	-1.40	(0.02)	-0.47	(0.01)	0.16	(0.01)	1.13	(0.02)
	Germany	-0.23	(0.02)	-0.14	(0.03)	-0.34	(0.03)	**0.20**	(0.04)	-1.54	(0.02)	-0.60	(0.01)	0.07	(0.01)	1.14	(0.02)
	Greece	-0.08	(0.02)	-0.01	(0.02)	-0.15	(0.02)	**0.14**	(0.03)	-1.19	(0.01)	-0.41	(0.00)	0.18	(0.01)	1.12	(0.02)
	Hungary	0.01	(0.02)	0.00	(0.02)	0.02	(0.02)	-0.02	(0.03)	-1.09	(0.02)	-0.30	(0.01)	0.26	(0.01)	1.16	(0.02)
	Iceland	-0.15	(0.02)	-0.02	(0.03)	-0.27	(0.03)	**0.25**	(0.04)	-1.57	(0.02)	-0.53	(0.01)	0.19	(0.01)	1.33	(0.02)
	Ireland	0.00	(0.02)	-0.04	(0.03)	0.04	(0.03)	**-0.08**	(0.04)	-1.33	(0.02)	-0.35	(0.01)	0.30	(0.01)	1.37	(0.02)
	Italy	0.16	(0.01)	0.22	(0.02)	0.09	(0.01)	**0.13**	(0.02)	-0.84	(0.01)	-0.10	(0.00)	0.38	(0.00)	1.18	(0.01)
	Japan	-0.23	(0.02)	-0.08	(0.02)	-0.38	(0.02)	**0.30**	(0.03)	-1.32	(0.02)	-0.52	(0.01)	0.00	(0.01)	0.93	(0.02)
	Korea	-0.06	(0.02)	0.03	(0.03)	-0.15	(0.02)	**0.18**	(0.03)	-1.07	(0.02)	-0.37	(0.00)	0.17	(0.00)	1.03	(0.02)
	Luxembourg	-0.10	(0.02)	-0.06	(0.03)	-0.14	(0.02)	**0.08**	(0.04)	-1.46	(0.02)	-0.49	(0.01)	0.22	(0.01)	1.33	(0.02)
	Mexico	0.69	(0.01)	0.69	(0.01)	0.69	(0.01)	0.00	(0.02)	-0.30	(0.01)	0.41	(0.00)	0.90	(0.00)	1.76	(0.02)
	Netherlands	-0.21	(0.01)	-0.08	(0.02)	-0.35	(0.02)	**0.27**	(0.03)	-1.24	(0.02)	-0.49	(0.01)	0.02	(0.01)	0.85	(0.02)
	New Zealand	0.04	(0.02)	0.07	(0.02)	0.02	(0.03)	0.05	(0.04)	-1.22	(0.02)	-0.28	(0.01)	0.31	(0.01)	1.37	(0.02)
	Norway	-0.11	(0.02)	-0.04	(0.03)	-0.19	(0.03)	**0.16**	(0.04)	-1.37	(0.02)	-0.44	(0.01)	0.19	(0.01)	1.17	(0.02)
	Poland	0.32	(0.01)	0.26	(0.02)	0.39	(0.02)	**-0.13**	(0.03)	-0.72	(0.01)	0.06	(0.01)	0.50	(0.00)	1.46	(0.02)
	Portugal	0.47	(0.01)	0.48	(0.02)	0.46	(0.02)	0.02	(0.02)	-0.56	(0.02)	0.25	(0.01)	0.66	(0.01)	1.53	(0.02)
	Slovak Republic	-0.04	(0.02)	-0.02	(0.03)	-0.07	(0.03)	0.05	(0.03)	-1.04	(0.02)	-0.35	(0.00)	0.21	(0.01)	1.01	(0.02)
	Spain	0.05	(0.01)	0.09	(0.02)	0.01	(0.02)	**0.08**	(0.02)	-1.11	(0.01)	-0.25	(0.01)	0.30	(0.00)	1.26	(0.01)
	Sweden	-0.10	(0.02)	-0.08	(0.02)	-0.13	(0.03)	0.05	(0.03)	-1.34	(0.02)	-0.43	(0.01)	0.20	(0.01)	1.16	(0.02)
	Switzerland	-0.22	(0.02)	-0.14	(0.02)	-0.30	(0.02)	**0.16**	(0.02)	-1.42	(0.01)	-0.56	(0.00)	0.06	(0.01)	1.04	(0.01)
	Turkey	0.30	(0.03)	0.27	(0.04)	0.35	(0.03)	**-0.08**	(0.03)	-0.97	(0.02)	-0.01	(0.01)	0.57	(0.01)	1.63	(0.02)
	United Kingdom	0.04	(0.02)	0.12	(0.02)	-0.05	(0.02)	**0.18**	(0.02)	-1.14	(0.01)	-0.31	(0.01)	0.27	(0.00)	1.33	(0.01)
	United States	0.29	(0.02)	0.34	(0.03)	0.24	(0.02)	**0.09**	(0.03)	-0.98	(0.02)	-0.01	(0.01)	0.51	(0.01)	1.64	(0.01)
	OECD total	0.13	(0.01)	0.18	(0.01)	0.08	(0.01)	**0.10**	(0.01)	-1.10	(0.01)	-0.20	(0.00)	0.41	(0.00)	1.42	(0.01)
	OECD average	0.00	(0.00)	0.04	(0.00)	-0.04	(0.00)	**0.08**	(0.01)	-1.18	(0.00)	-0.32	(0.00)	0.26	(0.00)	1.23	(0.00)
Partners	Argentina	0.35	(0.02)	0.36	(0.03)	0.34	(0.02)	0.01	(0.03)	-0.78	(0.02)	0.09	(0.01)	0.58	(0.01)	1.51	(0.02)
	Azerbaijan	0.75	(0.02)	0.69	(0.03)	0.82	(0.02)	**-0.14**	(0.03)	-0.35	(0.02)	0.50	(0.01)	1.01	(0.01)	1.85	(0.02)
	Brazil	0.48	(0.02)	0.43	(0.02)	0.52	(0.02)	**-0.09**	(0.03)	-0.64	(0.02)	0.20	(0.01)	0.72	(0.01)	1.64	(0.01)
	Bulgaria	0.39	(0.02)	0.33	(0.02)	0.45	(0.02)	**-0.12**	(0.03)	-0.73	(0.02)	0.14	(0.01)	0.58	(0.01)	1.55	(0.02)
	Chile	0.52	(0.02)	0.55	(0.03)	0.49	(0.03)	0.06	(0.04)	-0.66	(0.02)	0.22	(0.01)	0.80	(0.01)	1.73	(0.01)
	Colombia	0.88	(0.02)	0.83	(0.03)	0.93	(0.03)	**-0.10**	(0.03)	-0.12	(0.02)	0.57	(0.00)	1.14	(0.01)	1.96	(0.02)
	Croatia	0.19	(0.02)	0.20	(0.02)	0.17	(0.02)	0.03	(0.03)	-0.88	(0.02)	-0.08	(0.00)	0.43	(0.00)	1.27	(0.02)
	Estonia	0.14	(0.01)	0.11	(0.02)	0.16	(0.02)	-0.05	(0.03)	-0.86	(0.01)	-0.15	(0.01)	0.33	(0.01)	1.23	(0.02)
	Hong Kong-China	0.52	(0.01)	0.60	(0.02)	0.44	(0.02)	**0.16**	(0.03)	-0.54	(0.01)	0.23	(0.01)	0.69	(0.01)	1.69	(0.02)
	Indonesia	0.51	(0.02)	0.51	(0.03)	0.51	(0.02)	-0.01	(0.03)	-0.36	(0.01)	0.28	(0.00)	0.66	(0.01)	1.46	(0.01)
	Israel	0.23	(0.02)	0.30	(0.03)	0.16	(0.03)	**0.14**	(0.05)	-1.17	(0.02)	-0.16	(0.01)	0.55	(0.01)	1.70	(0.02)
	Jordan	0.74	(0.02)	0.71	(0.03)	0.77	(0.02)	-0.06	(0.03)	-0.39	(0.02)	0.50	(0.00)	1.01	(0.01)	1.84	(0.02)
	Kyrgyzstan	0.73	(0.02)	0.66	(0.02)	0.78	(0.02)	**-0.12**	(0.02)	-0.36	(0.01)	0.45	(0.00)	0.97	(0.01)	1.84	(0.01)
	Latvia	0.13	(0.02)	0.11	(0.02)	0.15	(0.02)	-0.04	(0.03)	-0.81	(0.01)	-0.10	(0.01)	0.32	(0.00)	1.10	(0.02)
	Liechtenstein	-0.26	(0.05)	-0.12	(0.08)	-0.37	(0.07)	**0.25**	(0.12)	-1.54	(0.07)	-0.66	(0.02)	0.08	(0.03)	1.11	(0.06)
	Lithuania	0.25	(0.01)	0.18	(0.02)	0.33	(0.02)	**-0.15**	(0.03)	-0.71	(0.01)	-0.04	(0.00)	0.48	(0.00)	1.29	(0.02)
	Macao-China	0.34	(0.01)	0.38	(0.02)	0.30	(0.02)	**0.08**	(0.03)	-0.61	(0.01)	0.08	(0.01)	0.54	(0.01)	1.36	(0.02)
	Montenegro	0.48	(0.02)	0.47	(0.02)	0.49	(0.02)	-0.02	(0.03)	-0.73	(0.02)	0.23	(0.01)	0.74	(0.01)	1.69	(0.02)
	Qatar	0.50	(0.01)	0.51	(0.02)	0.48	(0.02)	0.03	(0.03)	-1.00	(0.02)	0.18	(0.01)	0.84	(0.01)	1.97	(0.01)
	Romania	0.48	(0.01)	0.47	(0.02)	0.49	(0.02)	-0.02	(0.04)	-0.53	(0.02)	0.24	(0.01)	0.66	(0.01)	1.56	(0.02)
	Russian Federation	0.16	(0.02)	0.15	(0.02)	0.17	(0.02)	-0.02	(0.02)	-0.86	(0.01)	-0.13	(0.00)	0.40	(0.00)	1.22	(0.01)
	Serbia	0.29	(0.02)	0.31	(0.02)	0.26	(0.02)	0.04	(0.03)	-0.83	(0.02)	0.00	(0.01)	0.51	(0.00)	1.46	(0.02)
	Slovenia	0.14	(0.01)	0.12	(0.02)	0.16	(0.02)	-0.04	(0.03)	-1.04	(0.02)	-0.15	(0.01)	0.41	(0.01)	1.33	(0.02)
	Chinese Taipei	0.60	(0.01)	0.74	(0.02)	0.44	(0.02)	**0.30**	(0.02)	-0.51	(0.01)	0.27	(0.00)	0.78	(0.01)	1.85	(0.01)
	Thailand	0.79	(0.01)	0.73	(0.02)	0.83	(0.02)	**-0.10**	(0.02)	-0.03	(0.01)	0.49	(0.00)	0.93	(0.00)	1.77	(0.02)
	Tunisia	0.71	(0.02)	0.68	(0.03)	0.75	(0.02)	-0.07	(0.04)	-0.42	(0.02)	0.45	(0.01)	0.99	(0.01)	1.84	(0.01)
	Uruguay	0.22	(0.02)	0.15	(0.03)	0.29	(0.02)	**-0.15**	(0.03)	-0.94	(0.02)	-0.06	(0.01)	0.49	(0.01)	1.39	(0.02)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 2/2]

Table 3.6 Index of personal value of science and performance on the science scale, by quarters of the index[1]

Tableau 3.6 Indice de valorisation personnelle des sciences et scores sur l'échelle de culture scientifique, par quartile de l'indice

		Performance on the science scale, by quarters of this index								Change in the science score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the science performance distribution		Explained variance in student performance (r-squared x 100)	
		Bottom quarter		Second quarter		Third quarter		Top quarter							
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E	Effect	S.E.	Ratio	S.E.	Percentage	S.E.
OECD	Australia	**484**	(2.5)	511	(2.6)	538	(2.6)	**578**	(2.9)	**33.2**	(0.93)	**2.0**	(0.07)	12.9	(0.68)
	Austria	**497**	(3.8)	512	(4.1)	516	(5.8)	**525**	(5.9)	**10.1**	(1.99)	**1.2**	(0.08)	1.2	(0.50)
	Belgium	**486**	(3.8)	512	(2.9)	525	(2.7)	**538**	(3.6)	**23.1**	(1.85)	**1.6**	(0.08)	4.7	(0.73)
	Canada	**504**	(2.6)	528	(2.4)	539	(2.9)	**575**	(2.9)	**24.8**	(1.04)	**1.6**	(0.07)	8.0	(0.67)
	Czech Republic	**510**	(3.9)	514	(4.7)	523	(4.9)	**524**	(5.2)	**8.0**	(2.32)	1.1	(0.10)	0.5	(0.33)
	Denmark	**474**	(3.6)	486	(3.7)	499	(3.9)	**529**	(4.7)	**22.0**	(1.54)	**1.3**	(0.10)	5.7	(0.79)
	Finland	**532**	(2.9)	555	(3.1)	571	(3.1)	**596**	(2.8)	**29.0**	(1.37)	**1.8**	(0.11)	8.9	(0.85)
	France	**466**	(4.1)	484	(3.7)	507	(4.3)	**531**	(5.3)	**25.0**	(2.02)	**1.6**	(0.10)	6.4	(1.02)
	Germany	**500**	(5.1)	517	(4.3)	531	(4.3)	**544**	(5.0)	**17.9**	(1.53)	**1.4**	(0.09)	4.0	(0.64)
	Greece	**452**	(3.8)	467	(4.2)	479	(4.5)	**499**	(4.1)	**19.7**	(1.81)	**1.4**	(0.09)	4.0	(0.71)
	Hungary	502	(4.3)	502	(3.4)	501	(3.7)	512	(4.5)	**5.7**	(2.12)	1.0	(0.09)	0.3	(0.25)
	Iceland	**449**	(3.1)	481	(3.3)	500	(3.4)	**541**	(3.7)	**29.9**	(1.55)	**2.0**	(0.12)	12.9	(1.23)
	Ireland	**466**	(3.8)	501	(4.1)	518	(3.9)	**553**	(3.7)	**29.6**	(1.29)	**2.1**	(0.12)	11.6	(0.95)
	Italy	**460**	(3.0)	479	(2.7)	475	(3.0)	**489**	(3.1)	**13.1**	(1.59)	**1.2**	(0.07)	1.3	(0.31)
	Japan	**499**	(4.8)	529	(3.9)	543	(4.0)	**555**	(4.1)	**25.4**	(1.86)	**1.7**	(0.09)	5.6	(0.77)
	Korea	**490**	(4.4)	517	(4.0)	530	(3.6)	**553**	(5.5)	**28.3**	(2.64)	**1.7**	(0.11)	7.5	(1.32)
	Luxembourg	**470**	(2.4)	484	(2.5)	490	(2.8)	**504**	(2.9)	**12.6**	(1.41)	**1.2**	(0.08)	2.1	(0.47)
	Mexico	411	(3.2)	409	(3.3)	412	(2.7)	413	(3.5)	**3.2**	(1.48)	1.0	(0.06)	0.1	(0.10)
	Netherlands	**507**	(3.5)	523	(4.0)	537	(4.1)	**552**	(4.8)	**22.1**	(1.74)	**1.4**	(0.07)	4.2	(0.68)
	New Zealand	**492**	(3.3)	520	(3.5)	534	(4.0)	**583**	(3.9)	**32.3**	(1.57)	**1.6**	(0.11)	9.9	(0.96)
	Norway	**457**	(3.3)	484	(3.3)	497	(4.4)	**523**	(3.5)	**24.6**	(1.36)	**1.6**	(0.09)	7.6	(0.80)
	Poland	**495**	(3.9)	497	(3.2)	492	(3.3)	**509**	(2.9)	**5.2**	(1.48)	1.0	(0.07)	0.3	(0.14)
	Portugal	**452**	(3.7)	470	(4.1)	478	(4.1)	**498**	(4.4)	**20.7**	(1.90)	**1.4**	(0.09)	3.9	(0.71)
	Slovak Republic	485	(4.2)	489	(4.3)	493	(3.6)	493	(4.9)	3.4	(3.05)	1.0	(0.08)	0.1	(0.17)
	Spain	**461**	(2.9)	485	(3.2)	496	(3.5)	**514**	(3.3)	**21.4**	(1.27)	**1.5**	(0.07)	5.2	(0.59)
	Sweden	**469**	(3.3)	499	(3.2)	512	(4.6)	**539**	(4.2)	**26.6**	(1.65)	**1.8**	(0.11)	8.4	(1.00)
	Switzerland	**488**	(3.8)	505	(3.7)	519	(3.7)	**535**	(4.6)	**19.9**	(1.55)	**1.4**	(0.07)	4.0	(0.62)
	Turkey	**403**	(3.0)	415	(4.3)	423	(4.7)	**457**	(6.7)	**20.2**	(2.08)	**1.3**	(0.12)	6.4	(1.06)
	United Kingdom	**480**	(3.4)	500	(3.2)	521	(3.1)	**563**	(3.2)	**32.4**	(1.42)	**1.6**	(0.07)	9.1	(0.77)
	United States	**459**	(4.0)	482	(5.2)	490	(5.3)	**528**	(6.2)	**25.0**	(1.69)	**1.4**	(0.08)	6.1	(0.85)
	OECD total	**478**	(1.2)	493	(1.4)	490	(1.5)	**508**	(2.1)	**12.6**	(0.65)	**1.1**	(0.02)	1.5	(0.16)
	OECD average	**477**	(0.7)	495	(0.7)	506	(0.7)	**528**	(0.8)	**20.5**	(0.32)	**1.5**	(0.02)	5.4	(0.14)
Partners	Argentina	**402**	(6.3)	398	(6.6)	390	(6.9)	**387**	(7.6)	**-5.1**	(2.40)	**0.8**	(0.08)	0.2	(0.23)
	Azerbaijan	382	(4.2)	385	(3.2)	382	(3.2)	386	(3.4)	1.9	(1.69)	1.1	(0.13)	0.1	(0.19)
	Brazil	395	(4.5)	394	(3.6)	388	(3.6)	388	(3.6)	-2.6	(1.78)	**0.9**	(0.06)	0.1	(0.10)
	Bulgaria	437	(6.4)	435	(7.4)	436	(7.1)	441	(7.0)	1.9	(1.98)	1.0	(0.07)	0.0	(0.06)
	Chile	**429**	(4.1)	434	(5.1)	440	(4.9)	**451**	(6.5)	**8.4**	(2.12)	1.1	(0.08)	0.7	(0.37)
	Colombia	**392**	(5.0)	396	(5.1)	385	(4.8)	**382**	(4.5)	**-6.4**	(2.20)	0.9	(0.09)	0.4	(0.27)
	Croatia	**487**	(3.1)	496	(3.2)	494	(3.6)	**499**	(3.8)	**4.5**	(1.69)	1.1	(0.07)	0.2	(0.17)
	Estonia	**512**	(3.5)	527	(3.5)	535	(3.4)	**553**	(3.6)	**19.2**	(1.51)	**1.4**	(0.09)	3.7	(0.57)
	Hong Kong-China	**519**	(3.9)	530	(3.9)	549	(3.9)	**570**	(3.6)	**22.1**	(1.45)	**1.5**	(0.08)	4.6	(0.55)
	Indonesia	397	(8.5)	394	(6.7)	393	(5.3)	390	(3.7)	-4.4	(3.78)	0.9	(0.06)	0.2	(0.36)
	Israel	**432**	(5.1)	457	(5.4)	470	(4.9)	**479**	(4.9)	**15.8**	(1.81)	**1.4**	(0.11)	2.7	(0.62)
	Jordan	**403**	(4.0)	423	(3.7)	430	(3.7)	**437**	(4.1)	**15.8**	(2.07)	**1.5**	(0.09)	2.5	(0.61)
	Kyrgyzstan	**339**	(4.6)	327	(4.3)	323	(3.4)	**311**	(3.8)	**-11.5**	(2.06)	0.9	(0.07)	1.5	(0.50)
	Latvia	**480**	(3.8)	487	(3.7)	494	(4.3)	**499**	(4.5)	**10.2**	(2.21)	**1.2**	(0.08)	0.9	(0.38)
	Liechtenstein	506	(9.5)	529	(11.8)	523	(15.0)	536	(12.3)	**11.6**	(5.16)	1.2	(0.30)	1.7	(1.51)
	Lithuania	**471**	(3.8)	483	(4.2)	492	(4.1)	**507**	(4.1)	**17.3**	(1.82)	**1.4**	(0.09)	2.5	(0.48)
	Macao-China	**503**	(2.3)	510	(2.9)	510	(2.4)	**521**	(2.9)	**7.9**	(1.59)	1.1	(0.09)	0.6	(0.26)
	Montenegro	**419**	(2.3)	416	(2.6)	412	(3.1)	**406**	(3.1)	**-4.0**	(1.62)	**0.8**	(0.07)	0.3	(0.21)
	Qatar	**329**	(2.1)	352	(1.9)	363	(2.1)	**363**	(2.1)	**11.2**	(0.92)	**1.5**	(0.09)	2.5	(0.40)
	Romania	**411**	(4.5)	419	(5.1)	424	(5.2)	**421**	(5.6)	**5.0**	(2.14)	1.1	(0.10)	0.3	(0.23)
	Russian Federation	482	(4.4)	477	(3.9)	481	(4.3)	479	(4.7)	1.1	(1.84)	0.9	(0.07)	0.0	(0.06)
	Serbia	**445**	(3.6)	444	(3.8)	430	(4.2)	**428**	(4.2)	**-7.9**	(1.70)	**0.8**	(0.07)	0.7	(0.32)
	Slovenia	**507**	(3.2)	515	(3.2)	521	(3.6)	**542**	(3.7)	**13.7**	(2.24)	**1.3**	(0.08)	1.8	(0.60)
	Chinese Taipei	**517**	(4.3)	524	(4.4)	539	(4.1)	**549**	(3.9)	**13.2**	(1.21)	**1.3**	(0.06)	1.7	(0.31)
	Thailand	**408**	(3.1)	414	(3.0)	424	(3.5)	**438**	(3.6)	**16.6**	(1.81)	**1.3**	(0.09)	2.5	(0.55)
	Tunisia	**363**	(3.1)	382	(4.0)	393	(3.7)	**407**	(4.1)	**18.5**	(1.61)	**1.6**	(0.09)	4.1	(0.66)
	Uruguay	**439**	(3.8)	430	(3.5)	427	(3.7)	**423**	(4.7)	**-4.5**	(2.24)	**0.7**	(0.06)	0.2	(0.19)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 1/1]

Table 3.7 The importance of doing well in science, reading and mathematics at school[1]

Tableau 3.7 Importance attachée à l'obtention de bons résultats en sciences, en compréhension de l'écrit et en mathématiques

		Percentage of students reporting that doing well in the subject area is important or very important															
		All students						Males						Females			
		Science		Reading		Mathematics		Science		Reading		Mathematics		Science		Reading		Mathematics	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	72.0	(0.6)	94.5	(0.2)	93.7	(0.3)	71.0	(0.8)	91.9	(0.4)	94.9	(0.4)	73.1	(0.8)	97.2	(0.3)	92.6	(0.4)
	Austria	65.4	(1.2)	88.5	(0.8)	91.2	(0.5)	65.8	(1.5)	82.0	(1.2)	91.6	(0.7)	64.9	(1.4)	95.2	(0.5)	90.7	(0.6)
	Belgium	64.4	(0.8)	82.2	(0.6)	90.0	(0.6)	63.8	(1.2)	75.3	(1.0)	90.0	(0.9)	65.2	(1.0)	89.4	(0.5)	90.0	(0.6)
	Canada	83.4	(0.5)	90.2	(0.3)	95.3	(0.3)	81.7	(0.7)	85.6	(0.5)	95.3	(0.4)	85.1	(0.7)	94.7	(0.3)	95.4	(0.4)
	Czech Republic	53.7	(1.3)	88.7	(0.7)	89.3	(0.7)	48.6	(1.5)	84.3	(1.1)	91.3	(0.8)	60.4	(2.0)	94.3	(0.5)	86.8	(1.0)
	Denmark	69.5	(0.7)	96.4	(0.3)	96.8	(0.3)	69.4	(1.0)	94.4	(0.5)	97.0	(0.4)	69.6	(1.0)	98.3	(0.3)	96.7	(0.4)
	Finland	61.8	(0.8)	79.4	(0.7)	86.0	(0.6)	57.6	(1.1)	67.7	(1.2)	87.1	(0.8)	66.0	(1.1)	90.9	(0.7)	84.9	(0.7)
	France	64.1	(1.1)	83.4	(0.7)	89.7	(0.5)	65.6	(1.5)	77.4	(1.1)	91.5	(0.7)	62.8	(1.1)	89.1	(0.7)	88.0	(0.7)
	Germany	75.8	(0.8)	92.2	(0.5)	94.5	(0.3)	77.7	(1.0)	88.3	(0.9)	94.6	(0.5)	73.9	(1.1)	96.2	(0.5)	94.4	(0.5)
	Greece	74.1	(0.7)	79.9	(0.8)	86.2	(0.6)	77.9	(1.1)	72.3	(1.2)	88.3	(0.9)	70.4	(1.1)	87.4	(0.8)	84.1	(0.9)
	Hungary	65.9	(0.9)	82.6	(0.7)	83.4	(0.7)	65.0	(1.2)	75.0	(1.0)	82.7	(1.0)	66.9	(1.3)	90.6	(0.7)	84.2	(1.0)
	Iceland	68.0	(0.8)	91.7	(0.4)	97.8	(0.2)	68.3	(1.4)	87.9	(0.7)	97.2	(0.4)	67.7	(1.1)	95.5	(0.5)	98.3	(0.3)
	Ireland	74.8	(0.9)	92.9	(0.5)	95.8	(0.4)	71.0	(1.3)	90.6	(0.7)	96.1	(0.5)	78.7	(1.0)	95.1	(0.5)	95.6	(0.5)
	Italy	81.9	(0.6)	92.8	(0.3)	90.5	(0.4)	83.0	(0.8)	88.8	(0.4)	90.7	(0.6)	80.8	(0.7)	97.0	(0.3)	90.4	(0.5)
	Japan	68.0	(0.8)	88.0	(0.6)	87.2	(0.6)	70.2	(1.0)	83.9	(0.8)	87.4	(0.8)	65.7	(1.1)	92.2	(0.6)	87.1	(0.8)
	Korea	75.2	(0.7)	92.4	(0.5)	87.8	(0.6)	77.3	(1.0)	89.9	(0.7)	87.9	(0.9)	73.0	(1.0)	95.0	(0.5)	87.7	(0.8)
	Luxembourg	66.8	(0.7)	86.1	(0.5)	84.8	(0.6)	63.4	(1.0)	81.8	(0.7)	88.4	(0.7)	70.2	(1.0)	90.5	(0.6)	81.3	(0.9)
	Mexico	88.8	(0.4)	96.3	(0.3)	97.4	(0.3)	86.9	(0.7)	95.0	(0.4)	97.0	(0.5)	90.5	(0.5)	97.4	(0.3)	97.8	(0.2)
	Netherlands	72.5	(0.9)	86.5	(0.6)	89.5	(0.5)	72.0	(1.4)	81.0	(0.9)	91.4	(0.7)	73.0	(1.2)	92.4	(0.6)	87.4	(0.8)
	New Zealand	75.6	(0.8)	93.2	(0.4)	95.1	(0.3)	74.4	(1.2)	90.8	(0.7)	95.3	(0.5)	76.6	(1.1)	95.3	(0.5)	94.9	(0.5)
	Norway	77.4	(0.8)	83.8	(0.7)	91.0	(0.4)	76.3	(1.0)	76.5	(1.0)	91.2	(0.6)	78.6	(1.1)	91.4	(0.7)	90.8	(0.7)
	Poland	77.1	(0.7)	88.4	(0.5)	86.4	(0.6)	73.5	(1.0)	82.5	(0.9)	85.6	(0.7)	80.7	(0.8)	94.1	(0.5)	87.2	(0.8)
	Portugal	83.0	(0.7)	87.9	(0.6)	89.9	(0.6)	80.7	(0.9)	85.1	(0.8)	89.3	(0.9)	85.5	(0.9)	90.9	(0.7)	90.4	(0.7)
	Slovak Republic	60.5	(1.4)	91.1	(0.5)	87.7	(0.8)	56.9	(1.6)	87.2	(0.8)	89.1	(0.8)	64.1	(1.6)	95.1	(0.5)	86.2	(1.1)
	Spain	73.6	(0.6)	84.4	(0.4)	88.8	(0.5)	73.4	(0.9)	79.0	(0.6)	87.7	(0.7)	73.9	(0.9)	89.9	(0.5)	89.8	(0.5)
	Sweden	72.9	(0.8)	94.1	(0.4)	94.9	(0.4)	72.6	(1.1)	90.3	(0.8)	93.8	(0.7)	73.2	(1.1)	98.0	(0.3)	96.0	(0.5)
	Switzerland	62.0	(0.9)	90.1	(0.5)	92.3	(0.5)	61.4	(1.2)	85.2	(0.9)	94.8	(0.5)	62.7	(1.1)	95.2	(0.4)	89.7	(0.7)
	Turkey	80.7	(0.9)	93.6	(0.6)	93.0	(0.5)	80.4	(1.2)	91.9	(0.9)	91.8	(0.7)	81.1	(1.1)	95.7	(0.5)	94.4	(0.6)
	United Kingdom	83.6	(0.6)	95.3	(0.3)	96.1	(0.2)	84.7	(0.7)	93.2	(0.5)	96.2	(0.3)	82.7	(0.9)	97.3	(0.4)	95.9	(0.4)
	United States	82.3	(0.6)	m	m	93.9	(0.4)	80.5	(1.0)	m	m	93.6	(0.6)	84.1	(0.8)	m	m	94.2	(0.5)
	OECD total	77.7	(0.2)	90.4	(0.2)	92.3	(0.1)	77.2	(0.3)	86.5	(0.3)	92.2	(0.2)	78.2	(0.3)	94.3	(0.2)	92.3	(0.2)
	OECD average	72.5	(0.2)	89.2	(0.1)	91.2	(0.1)	71.7	(0.2)	84.7	(0.2)	91.6	(0.1)	73.4	(0.2)	93.8	(0.1)	90.8	(0.1)
Partners	Argentina	85.1	(0.8)	88.3	(0.8)	91.9	(0.5)	83.7	(1.1)	85.3	(1.1)	90.4	(0.8)	86.4	(0.9)	90.9	(0.9)	93.2	(0.6)
	Azerbaijan	88.3	(0.7)	92.3	(0.7)	88.5	(0.6)	88.7	(0.9)	89.7	(0.9)	90.3	(0.7)	88.0	(0.9)	95.2	(0.8)	86.6	(0.9)
	Brazil	88.4	(0.6)	95.3	(0.3)	93.9	(0.4)	87.8	(0.7)	92.9	(0.6)	94.0	(0.5)	88.9	(0.7)	97.2	(0.3)	93.8	(0.5)
	Bulgaria	82.6	(0.8)	93.0	(0.7)	91.8	(0.6)	80.1	(1.1)	89.7	(1.1)	89.9	(0.9)	85.3	(0.8)	96.6	(0.5)	93.8	(0.8)
	Chile	89.1	(0.6)	94.3	(0.4)	96.6	(0.3)	87.9	(0.9)	92.9	(0.5)	96.4	(0.4)	90.5	(0.7)	96.0	(0.4)	96.9	(0.4)
	Colombia	91.2	(0.7)	94.1	(0.5)	95.5	(0.4)	89.2	(1.1)	92.2	(0.6)	95.7	(0.8)	92.9	(0.7)	95.8	(0.7)	95.4	(0.5)
	Croatia	63.0	(1.1)	83.8	(0.8)	80.8	(0.9)	63.1	(1.2)	76.7	(1.0)	83.7	(1.0)	63.0	(1.5)	90.4	(0.9)	78.1	(1.5)
	Estonia	81.9	(0.6)	91.9	(0.4)	92.7	(0.4)	80.4	(0.8)	87.4	(0.7)	91.2	(0.7)	83.4	(0.9)	96.4	(0.4)	94.3	(0.5)
	Hong Kong-China	71.5	(1.0)	91.0	(0.6)	92.3	(0.5)	76.9	(1.1)	87.3	(1.0)	92.6	(0.8)	66.4	(1.3)	94.5	(0.5)	92.0	(0.7)
	Indonesia	89.9	(0.7)	95.8	(0.5)	96.3	(0.3)	88.3	(0.9)	95.2	(0.7)	96.1	(0.4)	91.6	(0.8)	96.4	(0.5)	96.5	(0.3)
	Israel	68.4	(1.0)	84.7	(0.6)	93.1	(0.6)	69.8	(1.2)	79.1	(1.0)	91.0	(0.9)	67.0	(1.5)	90.1	(0.7)	95.1	(0.8)
	Jordan	93.0	(0.5)	87.3	(0.8)	89.9	(0.6)	92.3	(0.8)	82.6	(1.3)	88.1	(0.9)	93.8	(0.6)	91.7	(0.6)	91.5	(0.7)
	Kyrgyzstan	90.2	(0.6)	94.0	(0.4)	93.5	(0.4)	89.1	(0.8)	92.8	(0.6)	93.2	(0.6)	91.0	(0.7)	94.9	(0.5)	93.8	(0.5)
	Latvia	71.4	(0.9)	91.1	(0.6)	94.0	(0.5)	67.8	(1.2)	87.1	(1.0)	94.0	(0.6)	74.8	(1.1)	94.9	(0.5)	93.9	(0.7)
	Liechtenstein	64.8	(2.1)	87.3	(1.9)	92.7	(1.5)	64.5	(3.9)	77.7	(3.6)	92.7	(2.6)	65.1	(3.3)	95.5	(1.6)	92.7	(1.7)
	Lithuania	84.0	(0.6)	93.6	(0.5)	93.9	(0.4)	82.1	(1.0)	90.1	(0.7)	93.1	(0.5)	86.0	(0.8)	97.1	(0.5)	94.8	(0.5)
	Macao-China	78.7	(0.7)	93.2	(0.5)	86.1	(0.7)	79.5	(1.0)	89.9	(0.8)	87.2	(1.0)	77.7	(1.2)	97.1	(0.5)	84.8	(1.1)
	Montenegro	76.5	(0.7)	86.6	(0.5)	76.3	(0.7)	75.6	(1.1)	81.1	(0.9)	79.2	(0.9)	77.4	(1.0)	92.3	(0.8)	73.3	(1.0)
	Qatar	82.9	(0.5)	76.6	(0.5)	81.4	(0.5)	85.0	(0.8)	74.7	(0.9)	82.0	(0.8)	80.9	(0.6)	78.3	(0.7)	80.8	(0.7)
	Romania	78.0	(1.1)	93.2	(0.7)	89.7	(0.7)	75.7	(1.5)	90.1	(0.8)	88.8	(0.9)	80.1	(1.2)	96.1	(0.6)	90.4	(0.8)
	Russian Federation	75.3	(0.7)	92.6	(0.5)	91.9	(0.5)	75.2	(1.1)	89.7	(0.7)	92.6	(0.6)	75.3	(0.9)	95.2	(0.6)	91.3	(0.7)
	Serbia	65.1	(1.0)	85.1	(0.6)	75.2	(0.9)	62.6	(1.3)	79.3	(0.9)	76.9	(1.0)	67.7	(1.2)	91.0	(0.7)	73.5	(1.2)
	Slovenia	71.9	(0.8)	87.0	(0.5)	89.0	(0.5)	71.7	(1.1)	82.0	(0.8)	89.4	(0.6)	72.2	(1.3)	91.8	(0.6)	88.7	(0.7)
	Chinese Taipei	77.6	(0.7)	87.9	(0.4)	83.4	(0.6)	81.9	(0.7)	82.7	(0.7)	85.4	(0.7)	72.8	(0.9)	93.6	(0.4)	81.2	(1.0)
	Thailand	97.4	(0.3)	95.8	(0.4)	98.1	(0.2)	95.8	(0.5)	94.0	(0.7)	97.0	(0.4)	98.6	(0.2)	97.1	(0.3)	98.8	(0.2)
	Tunisia	89.9	(0.6)	74.3	(1.1)	85.6	(0.7)	89.5	(0.9)	71.0	(1.3)	86.7	(0.8)	90.3	(0.7)	77.4	(1.2)	84.7	(0.9)
	Uruguay	83.1	(0.8)	84.4	(0.6)	92.0	(0.5)	80.0	(1.1)	80.1	(1.0)	91.9	(0.7)	86.0	(0.9)	88.3	(0.8)	92.1	(0.7)

1. Results based on students' self-reports.

StatLink http://dx.doi.org/10.1787/142102278412

Pour consulter la version française intégrale de ce tableau, suivre ce lien :

StatLink http://dx.doi.org/10.1787/152630454851

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[Part 1/2]

Table 3.8 **Index of general interest in science and performance on the science scale, by quarters of the index[1]**

Tableau 3.8 **Indice d'intérêt général pour les sciences et scores sur l'échelle de culture scientifique, par quartile de l'indice**

		Index of general interest in science															
		All students		Males		Females		Gender difference (M - F)		Bottom quarter		Second quarter		Third quarter		Top quarter	
		Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD	Australia	-0.22	(0.01)	-0.23	(0.02)	-0.21	(0.02)	-0.02	(0.02)	-1.66	(0.02)	-0.33	(0.00)	0.17	(0.00)	0.94	(0.01)
	Austria	0.05	(0.02)	0.08	(0.02)	0.03	(0.02)	0.05	(0.03)	-1.07	(0.02)	-0.13	(0.00)	0.34	(0.00)	1.07	(0.01)
	Belgium	0.02	(0.02)	0.00	(0.03)	0.06	(0.02)	-0.06	(0.03)	-1.31	(0.03)	-0.14	(0.00)	0.39	(0.00)	1.16	(0.01)
	Canada	0.11	(0.01)	0.10	(0.02)	0.12	(0.01)	-0.02	(0.02)	-1.11	(0.02)	-0.07	(0.00)	0.44	(0.00)	1.17	(0.01)
	Czech Republic	-0.03	(0.02)	-0.05	(0.03)	-0.02	(0.02)	-0.03	(0.03)	-1.08	(0.03)	-0.20	(0.00)	0.23	(0.00)	0.91	(0.02)
	Denmark	-0.17	(0.02)	-0.17	(0.03)	-0.18	(0.03)	0.01	(0.04)	-1.52	(0.03)	-0.37	(0.00)	0.17	(0.01)	1.03	(0.02)
	Finland	-0.25	(0.02)	-0.24	(0.03)	-0.25	(0.02)	0.01	(0.03)	-1.45	(0.02)	-0.44	(0.00)	0.05	(0.00)	0.86	(0.02)
	France	0.20	(0.02)	0.23	(0.03)	0.18	(0.02)	0.05	(0.03)	-1.04	(0.02)	-0.02	(0.00)	0.53	(0.00)	1.33	(0.01)
	Germany	0.19	(0.02)	0.22	(0.02)	0.15	(0.02)	**0.07**	(0.03)	-0.94	(0.03)	0.01	(0.01)	0.48	(0.00)	1.19	(0.02)
	Greece	0.19	(0.02)	0.19	(0.03)	0.20	(0.02)	-0.01	(0.04)	-1.06	(0.02)	-0.02	(0.00)	0.51	(0.00)	1.35	(0.02)
	Hungary	-0.07	(0.01)	-0.07	(0.02)	-0.08	(0.02)	0.02	(0.03)	-1.10	(0.02)	-0.26	(0.00)	0.18	(0.00)	0.89	(0.02)
	Iceland	-0.15	(0.02)	-0.09	(0.03)	-0.21	(0.03)	**0.12**	(0.04)	-1.68	(0.03)	-0.31	(0.01)	0.25	(0.00)	1.16	(0.02)
	Ireland	-0.14	(0.02)	-0.19	(0.03)	-0.10	(0.03)	**-0.09**	(0.04)	-1.59	(0.03)	-0.25	(0.01)	0.26	(0.00)	1.00	(0.01)
	Italy	0.18	(0.01)	0.18	(0.02)	0.18	(0.01)	0.00	(0.02)	-0.82	(0.01)	-0.01	(0.00)	0.42	(0.00)	1.13	(0.01)
	Japan	-0.13	(0.02)	-0.04	(0.03)	-0.22	(0.03)	**0.18**	(0.04)	-1.44	(0.03)	-0.26	(0.00)	0.22	(0.00)	0.96	(0.01)
	Korea	-0.24	(0.02)	-0.22	(0.03)	-0.27	(0.02)	0.06	(0.04)	-1.48	(0.02)	-0.35	(0.00)	0.08	(0.00)	0.77	(0.01)
	Luxembourg	0.14	(0.02)	0.12	(0.02)	0.15	(0.02)	-0.03	(0.03)	-1.12	(0.03)	-0.04	(0.00)	0.46	(0.00)	1.25	(0.02)
	Mexico	0.76	(0.01)	0.74	(0.02)	0.78	(0.02)	**-0.04**	(0.02)	-0.28	(0.01)	0.50	(0.00)	1.01	(0.00)	1.81	(0.01)
	Netherlands	-0.35	(0.02)	-0.33	(0.02)	-0.36	(0.02)	0.04	(0.03)	-1.68	(0.03)	-0.45	(0.00)	-0.02	(0.00)	0.77	(0.01)
	New Zealand	-0.10	(0.02)	-0.13	(0.03)	-0.07	(0.03)	-0.06	(0.04)	-1.42	(0.03)	-0.23	(0.00)	0.25	(0.00)	1.00	(0.02)
	Norway	-0.03	(0.03)	0.02	(0.03)	-0.09	(0.03)	**0.10**	(0.04)	-1.51	(0.04)	-0.18	(0.01)	0.35	(0.01)	1.21	(0.02)
	Poland	0.06	(0.02)	0.04	(0.02)	0.07	(0.02)	-0.03	(0.03)	-0.92	(0.02)	-0.12	(0.00)	0.28	(0.00)	0.98	(0.01)
	Portugal	0.16	(0.02)	0.16	(0.02)	0.16	(0.02)	-0.01	(0.02)	-0.90	(0.02)	-0.03	(0.00)	0.43	(0.00)	1.15	(0.02)
	Slovak Republic	-0.11	(0.02)	-0.09	(0.03)	-0.13	(0.02)	0.05	(0.03)	-1.22	(0.03)	-0.28	(0.00)	0.19	(0.00)	0.88	(0.01)
	Spain	-0.18	(0.01)	-0.20	(0.02)	-0.16	(0.02)	-0.04	(0.02)	-1.37	(0.02)	-0.32	(0.00)	0.10	(0.00)	0.86	(0.01)
	Sweden	-0.13	(0.03)	-0.15	(0.04)	-0.12	(0.03)	-0.03	(0.04)	-1.47	(0.04)	-0.27	(0.01)	0.22	(0.00)	1.00	(0.02)
	Switzerland	0.00	(0.02)	0.02	(0.02)	-0.01	(0.02)	0.03	(0.02)	-1.20	(0.02)	-0.15	(0.00)	0.32	(0.00)	1.05	(0.01)
	Turkey	0.22	(0.02)	0.22	(0.03)	0.24	(0.03)	-0.02	(0.03)	-0.99	(0.02)	-0.03	(0.01)	0.53	(0.01)	1.38	(0.02)
	United Kingdom	-0.01	(0.02)	0.06	(0.02)	-0.08	(0.02)	**0.13**	(0.02)	-1.19	(0.02)	-0.17	(0.00)	0.30	(0.00)	1.02	(0.01)
	United States	0.03	(0.02)	0.05	(0.02)	0.01	(0.03)	0.04	(0.03)	-1.29	(0.03)	-0.16	(0.00)	0.37	(0.01)	1.20	(0.02)
	OECD total	0.09	(0.01)	0.10	(0.01)	0.07	(0.01)	**0.03**	(0.01)	-1.16	(0.01)	-0.12	(0.00)	0.41	(0.00)	1.22	(0.01)
	OECD average	0.00	(0.00)	0.01	(0.00)	-0.01	(0.00)	**0.02**	(0.01)	-1.23	(0.00)	-0.17	(0.00)	0.32	(0.00)	1.08	(0.00)
Partners	Argentina	0.22	(0.02)	0.14	(0.03)	0.30	(0.03)	**-0.16**	(0.04)	-1.02	(0.02)	-0.04	(0.01)	0.52	(0.01)	1.43	(0.03)
	Azerbaijan	0.60	(0.02)	0.58	(0.03)	0.63	(0.03)	-0.06	(0.03)	-0.58	(0.02)	0.32	(0.00)	0.83	(0.01)	1.84	(0.02)
	Brazil	0.51	(0.02)	0.44	(0.03)	0.58	(0.02)	**-0.14**	(0.03)	-0.73	(0.02)	0.22	(0.00)	0.79	(0.00)	1.77	(0.02)
	Bulgaria	0.18	(0.02)	0.12	(0.03)	0.25	(0.02)	**-0.14**	(0.03)	-1.05	(0.03)	-0.03	(0.01)	0.49	(0.01)	1.32	(0.02)
	Chile	0.36	(0.02)	0.31	(0.02)	0.41	(0.03)	**-0.11**	(0.04)	-0.80	(0.02)	0.11	(0.01)	0.65	(0.00)	1.47	(0.02)
	Colombia	1.15	(0.02)	1.11	(0.03)	1.18	(0.03)	-0.07	(0.04)	0.04	(0.02)	0.84	(0.01)	1.35	(0.01)	2.36	(0.03)
	Croatia	0.17	(0.02)	0.12	(0.02)	0.22	(0.02)	**-0.10**	(0.03)	-0.92	(0.02)	-0.02	(0.00)	0.46	(0.00)	1.17	(0.01)
	Estonia	0.19	(0.01)	0.19	(0.02)	0.19	(0.02)	0.00	(0.02)	-0.72	(0.02)	0.01	(0.00)	0.40	(0.00)	1.06	(0.02)
	Hong Kong-China	0.19	(0.01)	0.33	(0.02)	0.06	(0.03)	**0.27**	(0.04)	-1.03	(0.03)	0.00	(0.01)	0.51	(0.00)	1.30	(0.02)
	Indonesia	0.56	(0.02)	0.55	(0.02)	0.56	(0.02)	-0.01	(0.02)	-0.18	(0.01)	0.32	(0.00)	0.69	(0.00)	1.40	(0.01)
	Israel	-0.21	(0.03)	-0.17	(0.04)	-0.25	(0.04)	0.08	(0.05)	-1.92	(0.03)	-0.43	(0.01)	0.22	(0.01)	1.28	(0.03)
	Jordan	0.68	(0.02)	0.64	(0.03)	0.71	(0.03)	-0.07	(0.04)	-0.47	(0.03)	0.43	(0.00)	0.93	(0.00)	1.81	(0.02)
	Kyrgyzstan	0.91	(0.01)	0.88	(0.02)	0.92	(0.02)	-0.04	(0.02)	-0.05	(0.01)	0.62	(0.00)	1.09	(0.00)	1.97	(0.02)
	Latvia	0.16	(0.02)	0.18	(0.03)	0.15	(0.02)	0.03	(0.03)	-0.64	(0.02)	-0.01	(0.00)	0.34	(0.00)	0.97	(0.02)
	Liechtenstein	-0.06	(0.05)	-0.09	(0.08)	-0.04	(0.06)	-0.05	(0.10)	-1.45	(0.10)	-0.18	(0.02)	0.32	(0.02)	1.09	(0.06)
	Lithuania	0.35	(0.01)	0.32	(0.02)	0.37	(0.02)	**-0.05**	(0.03)	-0.51	(0.02)	0.13	(0.00)	0.55	(0.00)	1.22	(0.01)
	Macao-China	0.10	(0.01)	0.20	(0.02)	0.00	(0.02)	**0.21**	(0.03)	-0.92	(0.02)	-0.10	(0.00)	0.34	(0.00)	1.08	(0.02)
	Montenegro	0.42	(0.02)	0.34	(0.03)	0.50	(0.02)	**-0.16**	(0.04)	-0.86	(0.03)	0.21	(0.01)	0.73	(0.01)	1.59	(0.02)
	Qatar	0.28	(0.02)	0.38	(0.03)	0.20	(0.02)	**0.18**	(0.04)	-1.38	(0.03)	0.04	(0.01)	0.66	(0.00)	1.81	(0.02)
	Romania	0.38	(0.02)	0.36	(0.03)	0.41	(0.02)	-0.05	(0.03)	-0.67	(0.02)	0.13	(0.01)	0.58	(0.01)	1.50	(0.03)
	Russian Federation	0.28	(0.02)	0.23	(0.02)	0.33	(0.02)	**-0.10**	(0.02)	-0.59	(0.02)	0.08	(0.00)	0.49	(0.00)	1.14	(0.02)
	Serbia	0.26	(0.02)	0.20	(0.03)	0.32	(0.02)	**-0.12**	(0.03)	-0.85	(0.02)	0.05	(0.00)	0.53	(0.00)	1.30	(0.02)
	Slovenia	0.03	(0.02)	0.10	(0.02)	-0.03	(0.02)	**0.12**	(0.03)	-1.14	(0.02)	-0.14	(0.00)	0.35	(0.00)	1.07	(0.01)
	Chinese Taipei	0.09	(0.02)	0.23	(0.02)	-0.07	(0.02)	**0.29**	(0.03)	-1.20	(0.02)	-0.08	(0.00)	0.45	(0.00)	1.18	(0.01)
	Thailand	0.79	(0.02)	0.68	(0.02)	0.88	(0.02)	**-0.20**	(0.03)	-0.14	(0.02)	0.57	(0.00)	0.98	(0.00)	1.76	(0.02)
	Tunisia	0.77	(0.02)	0.74	(0.03)	0.80	(0.02)	**-0.06**	(0.03)	-0.26	(0.02)	0.51	(0.00)	0.99	(0.01)	1.87	(0.02)
	Uruguay	0.25	(0.02)	0.22	(0.03)	0.27	(0.02)	-0.05	(0.03)	-0.94	(0.03)	0.03	(0.01)	0.56	(0.01)	1.35	(0.02)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
StatLink http://dx.doi.org/10.1787/142102278412

Pour consulter la version française intégrale de ce tableau, suivre ce lien :
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[Part 2/2]

Table 3.8 Index of general interest in science and performance on the science scale, by quarters of the index[1]

Tableau 3.8 Indice d'intérêt général pour les sciences et scores sur l'échelle de culture scientifique, par quartile de l'indice

		Performance on the science scale, by quarters of this index								Change in the science score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the science performance distribution		Explained variance in student performance (r-squared x 100)	
		Bottom quarter		Second quarter		Third quarter		Top quarter							
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E	Effect	S.E.	Ratio	S.E.	Percentage	S.E.
OECD	Australia	**491**	(2.5)	511	(3.0)	544	(2.8)	**564**	(3.3)	**27.4**	(1.01)	**1.7**	(0.08)	9.0	(0.66)
	Austria	**477**	(5.5)	508	(4.3)	521	(5.0)	**538**	(4.9)	**26.0**	(2.19)	**1.8**	(0.13)	5.6	(0.80)
	Belgium	**466**	(4.2)	507	(2.9)	532	(2.8)	**540**	(3.6)	**28.9**	(1.77)	**2.1**	(0.11)	9.2	(1.13)
	Canada	**502**	(2.8)	531	(2.5)	550	(3.0)	**561**	(3.3)	**23.6**	(1.12)	**1.7**	(0.08)	6.1	(0.60)
	Czech Republic	**489**	(4.8)	510	(4.3)	526	(4.3)	**527**	(4.9)	**19.9**	(2.55)	**1.5**	(0.10)	2.8	(0.78)
	Denmark	**458**	(3.8)	488	(4.2)	507	(3.6)	**532**	(4.2)	**26.9**	(1.56)	**1.8**	(0.12)	9.4	(0.99)
	Finland	**525**	(3.1)	555	(3.0)	573	(2.8)	**602**	(3.3)	**31.5**	(1.74)	**2.1**	(0.12)	12.0	(1.21)
	France	**446**	(3.8)	491	(4.2)	516	(3.7)	**536**	(4.4)	**34.7**	(1.80)	**2.2**	(0.15)	11.6	(1.01)
	Germany	**478**	(4.9)	520	(3.9)	529	(4.2)	**545**	(4.7)	**28.5**	(2.38)	**1.9**	(0.12)	6.7	(1.08)
	Greece	**444**	(3.9)	468	(4.1)	481	(4.1)	**503**	(4.0)	**21.9**	(1.91)	**1.7**	(0.11)	5.8	(1.02)
	Hungary	**480**	(4.0)	499	(3.3)	514	(3.7)	**525**	(4.2)	**20.4**	(2.42)	**1.5**	(0.11)	3.7	(0.82)
	Iceland	**448**	(3.2)	480	(3.7)	509	(3.1)	**532**	(3.6)	**27.9**	(1.36)	**2.0**	(0.13)	11.7	(1.03)
	Ireland	**468**	(4.2)	500	(3.7)	529	(3.7)	**542**	(3.9)	**29.1**	(1.29)	**2.0**	(0.12)	11.4	(0.96)
	Italy	**449**	(2.5)	468	(2.8)	488	(2.6)	**500**	(3.0)	**22.7**	(1.51)	**1.6**	(0.07)	4.0	(0.51)
	Japan	**480**	(4.8)	523	(3.7)	556	(3.1)	**568**	(4.0)	**34.4**	(1.71)	**2.4**	(0.12)	12.6	(1.05)
	Korea	**482**	(4.8)	505	(4.0)	536	(3.3)	**567**	(4.5)	**33.8**	(2.04)	**1.9**	(0.11)	13.0	(1.22)
	Luxembourg	**453**	(2.7)	486	(2.5)	497	(2.8)	**512**	(3.2)	**21.3**	(1.61)	**1.8**	(0.11)	4.9	(0.72)
	Mexico	**400**	(3.9)	410	(3.8)	420	(2.5)	**411**	(3.7)	**5.6**	(1.81)	**1.3**	(0.07)	0.4	(0.23)
	Netherlands	**494**	(3.6)	515	(3.2)	535	(3.2)	**557**	(6.5)	**24.5**	(2.16)	**1.6**	(0.11)	6.8	(1.27)
	New Zealand	**493**	(3.1)	528	(3.8)	547	(4.1)	**560**	(4.5)	**26.2**	(1.69)	**1.7**	(0.10)	6.3	(0.84)
	Norway	**441**	(3.3)	487	(3.6)	506	(4.0)	**525**	(3.3)	**26.9**	(1.32)	**2.3**	(0.16)	11.3	(1.09)
	Poland	**478**	(3.7)	488	(2.9)	504	(3.7)	**523**	(3.0)	**18.9**	(1.63)	**1.3**	(0.08)	2.9	(0.47)
	Portugal	**449**	(3.8)	462	(4.0)	486	(4.6)	**502**	(4.0)	**22.1**	(2.02)	**1.5**	(0.11)	4.8	(0.95)
	Slovak Republic	**462**	(4.0)	487	(3.6)	498	(4.1)	**509**	(4.1)	**23.1**	(2.63)	**1.5**	(0.09)	4.7	(1.04)
	Spain	**459**	(3.1)	477	(3.9)	501	(3.2)	**520**	(3.3)	**24.9**	(1.23)	**1.7**	(0.10)	6.9	(0.64)
	Sweden	**465**	(3.2)	494	(3.5)	521	(3.5)	**539**	(3.8)	**27.4**	(1.45)	**1.9**	(0.15)	9.7	(1.05)
	Switzerland	**462**	(3.5)	511	(3.5)	532	(3.8)	**543**	(3.6)	**32.5**	(1.53)	**2.2**	(0.10)	9.7	(0.88)
	Turkey	**396**	(3.7)	419	(4.3)	434	(4.8)	**450**	(5.8)	**20.1**	(1.89)	**1.6**	(0.13)	5.5	(0.85)
	United Kingdom	**478**	(3.6)	508	(3.2)	536	(3.4)	**542**	(3.8)	**27.8**	(1.47)	**1.7**	(0.09)	6.2	(0.65)
	United States	**465**	(3.5)	494	(4.6)	503	(5.9)	**498**	(7.3)	**13.3**	(2.47)	**1.3**	(0.11)	1.8	(0.72)
	OECD total	**466**	(1.3)	495	(1.2)	505	(1.8)	**500**	(2.0)	**13.0**	(0.79)	**1.4**	(0.04)	1.6	(0.21)
	OECD average	**466**	(0.7)	494	(0.7)	514	(0.7)	**529**	(0.8)	**25.1**	(0.33)	**1.8**	(0.02)	7.2	(0.17)
Partners	Argentina	390	(7.7)	392	(7.2)	404	(6.4)	388	(6.7)	-1.5	(2.28)	1.0	(0.11)	0.0	(0.08)
	Azerbaijan	**368**	(3.0)	385	(3.8)	390	(3.5)	**390**	(3.2)	**7.3**	(1.24)	**1.6**	(0.13)	1.7	(0.62)
	Brazil	387	(4.1)	394	(4.4)	397	(3.8)	386	(3.6)	0.1	(1.38)	1.0	(0.07)	0.0	(0.03)
	Bulgaria	**411**	(5.4)	439	(6.4)	451	(7.0)	**447**	(7.5)	**11.5**	(2.31)	**1.4**	(0.11)	1.2	(0.47)
	Chile	**429**	(4.3)	440	(5.3)	444	(4.5)	**440**	(6.4)	**4.7**	(1.73)	1.1	(0.08)	0.2	(0.17)
	Colombia	**393**	(4.8)	395	(5.0)	392	(4.3)	**373**	(4.7)	**-8.2**	(1.95)	1.0	(0.10)	0.8	(0.39)
	Croatia	**470**	(3.2)	488	(3.1)	503	(3.4)	**512**	(3.5)	**19.5**	(1.83)	**1.6**	(0.09)	3.9	(0.73)
	Estonia	**509**	(3.5)	531	(3.2)	541	(3.8)	**546**	(3.7)	**17.4**	(1.95)	**1.5**	(0.11)	2.5	(0.54)
	Hong Kong-China	**499**	(3.3)	537	(4.0)	560	(3.1)	**573**	(3.3)	**28.9**	(1.41)	**2.0**	(0.14)	9.7	(0.88)
	Indonesia	**378**	(7.3)	393	(7.2)	399	(5.7)	**405**	(4.9)	**13.9**	(3.07)	**1.5**	(0.08)	1.7	(0.89)
	Israel	**427**	(5.8)	461	(4.6)	477	(4.6)	**468**	(5.4)	**14.0**	(2.02)	**1.5**	(0.14)	2.7	(0.78)
	Jordan	**397**	(3.5)	418	(3.8)	436	(4.2)	**441**	(3.5)	**16.6**	(1.72)	**1.6**	(0.10)	3.2	(0.66)
	Kyrgyzstan	**336**	(5.1)	323	(3.4)	323	(3.4)	**314**	(3.6)	**-9.6**	(2.21)	0.9	(0.08)	0.9	(0.42)
	Latvia	**483**	(4.1)	489	(3.7)	491	(4.2)	**497**	(4.4)	**7.7**	(2.81)	1.1	(0.08)	0.4	(0.29)
	Liechtenstein	**487**	(9.6)	517	(10.3)	540	(11.1)	**545**	(11.4)	**19.8**	(4.77)	**1.8**	(0.35)	4.9	(2.30)
	Lithuania	**462**	(3.8)	481	(3.8)	500	(3.9)	**509**	(3.8)	**23.7**	(2.34)	**1.5**	(0.09)	3.6	(0.66)
	Macao-China	**486**	(2.2)	501	(2.9)	521	(2.4)	**536**	(2.6)	**23.4**	(1.63)	**1.7**	(0.13)	6.4	(0.85)
	Montenegro	**395**	(2.9)	409	(3.0)	414	(2.6)	**432**	(2.9)	**12.4**	(1.40)	**1.5**	(0.12)	2.5	(0.57)
	Qatar	**333**	(1.8)	355	(2.1)	364	(2.4)	**355**	(2.6)	**4.8**	(0.84)	**1.3**	(0.08)	0.6	(0.20)
	Romania	**392**	(4.8)	421	(4.9)	434	(5.2)	**427**	(4.8)	**11.4**	(2.28)	**1.7**	(0.14)	1.6	(0.59)
	Russian Federation	**472**	(4.4)	481	(4.1)	479	(4.5)	**487**	(4.9)	**8.0**	(2.52)	**1.2**	(0.08)	0.4	(0.27)
	Serbia	**419**	(4.0)	439	(3.5)	443	(4.0)	**443**	(4.1)	**7.3**	(1.68)	**1.4**	(0.09)	0.6	(0.28)
	Slovenia	**489**	(2.8)	516	(3.7)	528	(3.4)	**544**	(3.4)	**24.1**	(2.02)	**1.6**	(0.08)	5.0	(0.83)
	Chinese Taipei	**489**	(4.3)	525	(4.1)	550	(3.7)	**566**	(4.0)	**28.1**	(1.32)	**2.2**	(0.12)	9.1	(0.80)
	Thailand	**403**	(3.0)	413	(3.0)	429	(3.5)	**439**	(3.2)	**17.8**	(1.96)	**1.5**	(0.09)	3.3	(0.73)
	Tunisia	**365**	(3.2)	379	(4.0)	395	(4.2)	**406**	(4.7)	**16.6**	(1.76)	**1.4**	(0.13)	3.2	(0.60)
	Uruguay	426	(3.7)	435	(3.7)	431	(4.3)	426	(4.4)	0.7	(2.01)	1.0	(0.08)	0.0	(0.05)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 1/2]

Table 3.9 **Index of enjoyment of science and performance on the science scale, by quarters of the index[1]**

Tableau 3.9 **Indice du plaisir apporté par les sciences et scores sur l'échelle de culture scientifique, par quartile de l'indice**

		Index of enjoyment of science															
		All students		Males		Females		Gender difference (M - F)		Bottom quarter		Second quarter		Third quarter		Top quarter	
		Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD	Australia	-0.08	(0.02)	-0.03	(0.02)	-0.12	(0.02)	**0.09**	(0.03)	-1.39	(0.01)	-0.39	(0.00)	0.29	(0.00)	1.19	(0.01)
	Austria	-0.21	(0.03)	-0.19	(0.03)	-0.24	(0.03)	0.04	(0.04)	-1.57	(0.01)	-0.65	(0.01)	0.08	(0.01)	1.28	(0.01)
	Belgium	-0.01	(0.02)	0.03	(0.03)	-0.05	(0.02)	**0.08**	(0.03)	-1.25	(0.02)	-0.31	(0.00)	0.29	(0.00)	1.22	(0.01)
	Canada	0.17	(0.01)	0.22	(0.02)	0.13	(0.02)	**0.09**	(0.02)	-1.17	(0.01)	-0.11	(0.00)	0.47	(0.00)	1.50	(0.01)
	Czech Republic	-0.06	(0.02)	-0.15	(0.02)	0.06	(0.03)	**-0.21**	(0.03)	-1.13	(0.02)	-0.35	(0.01)	0.17	(0.01)	1.07	(0.02)
	Denmark	-0.07	(0.02)	-0.07	(0.03)	-0.08	(0.02)	0.01	(0.03)	-1.26	(0.02)	-0.43	(0.01)	0.20	(0.01)	1.19	(0.01)
	Finland	0.11	(0.02)	0.02	(0.02)	0.20	(0.02)	**-0.18**	(0.03)	-1.03	(0.01)	-0.13	(0.01)	0.45	(0.00)	1.16	(0.02)
	France	0.14	(0.02)	0.22	(0.03)	0.06	(0.02)	**0.16**	(0.03)	-1.12	(0.02)	-0.15	(0.00)	0.43	(0.01)	1.41	(0.01)
	Germany	-0.09	(0.02)	-0.01	(0.03)	-0.17	(0.02)	**0.15**	(0.04)	-1.42	(0.02)	-0.52	(0.01)	0.21	(0.01)	1.39	(0.01)
	Greece	0.08	(0.02)	0.18	(0.03)	-0.02	(0.03)	**0.20**	(0.04)	-1.22	(0.02)	-0.23	(0.01)	0.38	(0.01)	1.39	(0.02)
	Hungary	0.19	(0.02)	0.14	(0.02)	0.25	(0.02)	**-0.10**	(0.03)	-0.95	(0.01)	-0.08	(0.01)	0.46	(0.01)	1.35	(0.01)
	Iceland	-0.03	(0.02)	0.07	(0.02)	-0.13	(0.03)	**0.20**	(0.04)	-1.46	(0.02)	-0.43	(0.01)	0.36	(0.01)	1.43	(0.02)
	Ireland	-0.18	(0.02)	-0.21	(0.03)	-0.15	(0.03)	-0.06	(0.04)	-1.50	(0.02)	-0.47	(0.01)	0.17	(0.01)	1.09	(0.02)
	Italy	0.12	(0.01)	0.16	(0.02)	0.08	(0.02)	**0.08**	(0.02)	-0.97	(0.01)	-0.13	(0.00)	0.41	(0.00)	1.16	(0.01)
	Japan	-0.26	(0.02)	-0.01	(0.03)	-0.51	(0.03)	**0.50**	(0.03)	-1.50	(0.02)	-0.67	(0.00)	-0.01	(0.01)	1.13	(0.01)
	Korea	-0.17	(0.02)	-0.04	(0.03)	-0.30	(0.03)	**0.26**	(0.04)	-1.36	(0.01)	-0.56	(0.00)	0.08	(0.01)	1.16	(0.02)
	Luxembourg	-0.04	(0.02)	-0.07	(0.02)	-0.01	(0.02)	-0.06	(0.03)	-1.43	(0.02)	-0.43	(0.01)	0.30	(0.01)	1.42	(0.01)
	Mexico	0.64	(0.01)	0.62	(0.02)	0.65	(0.02)	-0.03	(0.02)	-0.29	(0.01)	0.40	(0.00)	0.92	(0.00)	1.53	(0.01)
	Netherlands	-0.32	(0.02)	-0.19	(0.02)	-0.46	(0.02)	**0.27**	(0.03)	-1.43	(0.01)	-0.68	(0.00)	-0.06	(0.01)	0.88	(0.01)
	New Zealand	-0.01	(0.02)	0.04	(0.03)	-0.05	(0.03)	**0.10**	(0.04)	-1.26	(0.02)	-0.29	(0.01)	0.34	(0.01)	1.19	(0.02)
	Norway	-0.01	(0.02)	0.11	(0.03)	-0.13	(0.03)	**0.24**	(0.04)	-1.39	(0.02)	-0.33	(0.01)	0.36	(0.01)	1.34	(0.02)
	Poland	-0.25	(0.02)	-0.31	(0.02)	-0.19	(0.02)	**-0.12**	(0.03)	-1.33	(0.02)	-0.62	(0.01)	-0.01	(0.01)	0.96	(0.02)
	Portugal	0.31	(0.02)	0.30	(0.02)	0.33	(0.02)	-0.03	(0.02)	-0.66	(0.02)	0.05	(0.00)	0.55	(0.00)	1.31	(0.01)
	Slovak Republic	-0.01	(0.02)	0.00	(0.02)	-0.02	(0.03)	0.02	(0.03)	-1.00	(0.01)	-0.30	(0.01)	0.20	(0.01)	1.07	(0.02)
	Spain	-0.14	(0.02)	-0.15	(0.02)	-0.12	(0.02)	-0.03	(0.03)	-1.34	(0.01)	-0.43	(0.01)	0.14	(0.01)	1.09	(0.01)
	Sweden	-0.10	(0.02)	-0.10	(0.04)	-0.10	(0.03)	0.01	(0.05)	-1.36	(0.02)	-0.50	(0.01)	0.24	(0.01)	1.22	(0.02)
	Switzerland	-0.06	(0.02)	-0.02	(0.03)	-0.10	(0.02)	**0.07**	(0.03)	-1.31	(0.01)	-0.44	(0.01)	0.22	(0.01)	1.29	(0.01)
	Turkey	0.41	(0.02)	0.40	(0.03)	0.43	(0.03)	-0.03	(0.03)	-0.87	(0.02)	0.15	(0.01)	0.73	(0.01)	1.65	(0.01)
	United Kingdom	-0.08	(0.02)	0.03	(0.02)	-0.19	(0.02)	**0.22**	(0.03)	-1.24	(0.01)	-0.34	(0.00)	0.22	(0.01)	1.03	(0.01)
	United States	-0.03	(0.02)	0.06	(0.03)	-0.12	(0.02)	**0.19**	(0.03)	-1.29	(0.02)	-0.34	(0.01)	0.28	(0.01)	1.23	(0.02)
	OECD total	0.03	(0.01)	0.10	(0.01)	-0.04	(0.01)	**0.14**	(0.01)	-1.24	(0.01)	-0.30	(0.00)	0.35	(0.00)	1.31	(0.00)
	OECD average	0.00	(0.00)	0.03	(0.00)	-0.04	(0.00)	**0.07**	(0.01)	-1.22	(0.00)	-0.32	(0.00)	0.30	(0.00)	1.24	(0.00)
Partners	Argentina	0.02	(0.02)	-0.07	(0.04)	0.10	(0.02)	**-0.17**	(0.04)	-1.21	(0.02)	-0.25	(0.01)	0.34	(0.01)	1.21	(0.02)
	Azerbaijan	0.76	(0.02)	0.70	(0.03)	0.81	(0.03)	**-0.11**	(0.03)	-0.40	(0.02)	0.57	(0.00)	1.11	(0.01)	1.74	(0.01)
	Brazil	0.39	(0.02)	0.32	(0.02)	0.44	(0.02)	**-0.12**	(0.03)	-0.64	(0.01)	0.07	(0.00)	0.68	(0.00)	1.45	(0.01)
	Bulgaria	0.39	(0.02)	0.32	(0.03)	0.46	(0.02)	**-0.14**	(0.03)	-0.63	(0.02)	0.17	(0.01)	0.63	(0.00)	1.40	(0.01)
	Chile	0.26	(0.02)	0.26	(0.03)	0.25	(0.03)	0.01	(0.03)	-0.92	(0.02)	-0.08	(0.01)	0.56	(0.01)	1.46	(0.01)
	Colombia	0.81	(0.02)	0.78	(0.03)	0.82	(0.03)	-0.04	(0.03)	-0.22	(0.02)	0.60	(0.01)	1.09	(0.01)	1.75	(0.01)
	Croatia	0.10	(0.02)	0.05	(0.02)	0.15	(0.02)	**-0.09**	(0.03)	-1.03	(0.02)	-0.17	(0.00)	0.35	(0.01)	1.24	(0.01)
	Estonia	0.02	(0.02)	-0.04	(0.03)	0.08	(0.02)	**-0.12**	(0.03)	-1.02	(0.01)	-0.27	(0.01)	0.25	(0.01)	1.12	(0.02)
	Hong Kong-China	0.38	(0.01)	0.54	(0.02)	0.21	(0.02)	**0.33**	(0.03)	-0.77	(0.01)	0.14	(0.01)	0.62	(0.00)	1.53	(0.01)
	Indonesia	0.77	(0.02)	0.75	(0.03)	0.79	(0.02)	-0.04	(0.03)	-0.09	(0.01)	0.55	(0.00)	0.98	(0.00)	1.64	(0.01)
	Israel	-0.04	(0.03)	-0.03	(0.04)	-0.05	(0.04)	0.02	(0.05)	-1.61	(0.02)	-0.44	(0.01)	0.38	(0.01)	1.52	(0.01)
	Jordan	0.80	(0.02)	0.83	(0.02)	0.77	(0.03)	0.05	(0.04)	-0.37	(0.02)	0.60	(0.01)	1.16	(0.00)	1.81	(0.01)
	Kyrgyzstan	0.94	(0.01)	0.87	(0.02)	1.01	(0.02)	**-0.14**	(0.02)	-0.06	(0.01)	0.76	(0.01)	1.25	(0.00)	1.83	(0.01)
	Latvia	0.00	(0.02)	-0.05	(0.02)	0.04	(0.02)	**-0.09**	(0.03)	-0.85	(0.01)	-0.20	(0.00)	0.17	(0.00)	0.87	(0.01)
	Liechtenstein	-0.22	(0.05)	-0.18	(0.09)	-0.25	(0.07)	0.07	(0.13)	-1.51	(0.04)	-0.70	(0.02)	0.09	(0.04)	1.27	(0.06)
	Lithuania	0.21	(0.02)	0.12	(0.02)	0.29	(0.02)	**-0.17**	(0.03)	-0.80	(0.02)	-0.04	(0.01)	0.41	(0.00)	1.26	(0.01)
	Macao-China	0.41	(0.01)	0.52	(0.02)	0.31	(0.02)	**0.21**	(0.03)	-0.64	(0.02)	0.21	(0.01)	0.64	(0.01)	1.45	(0.01)
	Montenegro	0.27	(0.01)	0.22	(0.02)	0.32	(0.02)	**-0.10**	(0.03)	-0.97	(0.02)	0.01	(0.01)	0.64	(0.00)	1.38	(0.01)
	Qatar	0.37	(0.01)	0.47	(0.02)	0.28	(0.02)	**0.20**	(0.03)	-1.11	(0.02)	0.13	(0.01)	0.78	(0.01)	1.70	(0.01)
	Romania	0.45	(0.02)	0.43	(0.02)	0.48	(0.02)	-0.05	(0.03)	-0.56	(0.02)	0.24	(0.01)	0.69	(0.01)	1.45	(0.02)
	Russian Federation	0.13	(0.02)	0.09	(0.03)	0.16	(0.02)	**-0.07**	(0.03)	-0.82	(0.01)	-0.16	(0.00)	0.38	(0.00)	1.11	(0.01)
	Serbia	0.08	(0.02)	0.09	(0.03)	0.06	(0.02)	0.03	(0.03)	-1.05	(0.01)	-0.19	(0.00)	0.34	(0.01)	1.21	(0.01)
	Slovenia	-0.13	(0.01)	-0.16	(0.02)	-0.10	(0.02)	-0.06	(0.03)	-1.34	(0.01)	-0.47	(0.01)	0.19	(0.01)	1.10	(0.02)
	Chinese Taipei	0.17	(0.01)	0.38	(0.02)	-0.07	(0.01)	**0.46**	(0.02)	-0.98	(0.01)	-0.16	(0.00)	0.44	(0.00)	1.36	(0.01)
	Thailand	0.73	(0.02)	0.72	(0.02)	0.74	(0.02)	-0.02	(0.02)	-0.13	(0.01)	0.52	(0.00)	0.97	(0.00)	1.56	(0.01)
	Tunisia	1.02	(0.02)	1.03	(0.03)	1.01	(0.02)	0.02	(0.03)	-0.10	(0.02)	0.92	(0.01)	1.36	(0.00)	1.88	(0.01)
	Uruguay	0.09	(0.02)	-0.02	(0.02)	0.19	(0.02)	**-0.21**	(0.03)	-1.08	(0.02)	-0.15	(0.01)	0.36	(0.01)	1.22	(0.01)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
StatLink http://dx.doi.org/10.1787/142102278412

Pour consulter la version française intégrale de ce tableau, suivre ce lien :
StatLink http://dx.doi.org/10.1787/152630454851



[Part 2/2]

Table 3.9 Index of enjoyment of science and performance on the science scale, by quarters of the index[1]

Tableau 3.9 Indice du plaisir apporté par les sciences et scores sur l'échelle de culture scientifique, par quartile de l'indice

		Performance on the science scale, by quarters of this index								Change in the science score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the science performance distribution		Explained variance in student performance (r-squared x 100)	
		Bottom quarter		Second quarter		Third quarter		Top quarter							
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E	Effect	S.E.	Ratio	S.E.	Percentage	S.E.
OECD	Australia	**474**	(2.4)	507	(2.49)	545	(2.82)	**583**	(3.4)	**41.8**	(1.07)	**2.2**	(0.09)	18.7	(0.90)
	Austria	**478**	(4.5)	499	(4.02)	522	(4.50)	**546**	(6.0)	**25.0**	(1.90)	**1.8**	(0.12)	8.0	(1.25)
	Belgium	**472**	(4.1)	497	(3.75)	528	(3.44)	**546**	(4.0)	**31.2**	(2.16)	**1.8**	(0.13)	9.3	(1.28)
	Canada	**493**	(2.9)	523	(2.67)	548	(2.49)	**581**	(3.3)	**32.6**	(1.04)	**2.0**	(0.07)	13.0	(0.79)
	Czech Republic	**487**	(4.9)	505	(4.72)	522	(3.95)	**537**	(4.9)	**21.7**	(2.21)	**1.5**	(0.09)	3.8	(0.80)
	Denmark	**464**	(3.9)	479	(4.57)	503	(4.03)	**539**	(4.9)	**31.3**	(1.63)	**1.6**	(0.10)	10.8	(1.08)
	Finland	**524**	(3.1)	559	(3.07)	575	(3.60)	**596**	(3.1)	**32.1**	(1.57)	**2.1**	(0.11)	11.2	(1.07)
	France	**459**	(4.2)	481	(4.06)	505	(4.24)	**541**	(4.2)	**33.2**	(1.81)	**1.7**	(0.12)	10.5	(1.09)
	Germany	**476**	(5.2)	506	(4.36)	530	(4.05)	**559**	(4.5)	**30.8**	(1.78)	**1.9**	(0.13)	11.4	(1.14)
	Greece	**446**	(4.5)	462	(3.63)	484	(3.54)	**503**	(4.3)	**22.3**	(1.49)	**1.5**	(0.10)	6.2	(0.83)
	Hungary	**474**	(3.6)	501	(3.84)	510	(3.65)	**531**	(4.4)	**24.3**	(2.04)	**1.8**	(0.12)	6.3	(1.01)
	Iceland	**434**	(2.8)	475	(3.71)	510	(3.38)	**549**	(3.3)	**39.8**	(1.37)	**2.6**	(0.18)	22.0	(1.38)
	Ireland	**461**	(4.4)	495	(3.54)	525	(4.30)	**557**	(3.6)	**36.8**	(1.43)	**2.2**	(0.16)	16.2	(1.12)
	Italy	**449**	(2.6)	469	(2.72)	486	(2.91)	**499**	(3.3)	**24.4**	(1.72)	**1.5**	(0.08)	4.8	(0.67)
	Japan	**487**	(4.7)	520	(3.50)	545	(4.08)	**574**	(3.6)	**33.4**	(1.71)	**2.0**	(0.12)	12.2	(1.11)
	Korea	**482**	(4.6)	498	(3.74)	535	(3.54)	**574**	(4.5)	**36.7**	(1.94)	**1.9**	(0.12)	16.7	(1.50)
	Luxembourg	**452**	(2.6)	477	(3.25)	494	(2.73)	**523**	(3.3)	**24.9**	(1.35)	**1.7**	(0.11)	8.2	(0.87)
	Mexico	**407**	(3.7)	410	(3.40)	407	(2.83)	**416**	(4.2)	**4.7**	(2.05)	1.0	(0.07)	0.2	(0.16)
	Netherlands	**496**	(3.8)	506	(3.56)	535	(3.93)	**564**	(4.2)	**29.6**	(1.75)	**1.5**	(0.12)	8.3	(0.98)
	New Zealand	**483**	(2.9)	510	(4.21)	551	(3.64)	**583**	(4.1)	**40.3**	(1.44)	**1.9**	(0.12)	13.8	(1.03)
	Norway	**440**	(3.6)	475	(3.09)	509	(3.63)	**532**	(3.8)	**34.5**	(1.26)	**2.2**	(0.13)	15.7	(0.98)
	Poland	**489**	(3.5)	483	(3.91)	497	(3.46)	**523**	(3.4)	**14.9**	(1.51)	1.0	(0.08)	2.4	(0.48)
	Portugal	**444**	(3.9)	467	(3.87)	479	(4.50)	**508**	(3.7)	**31.0**	(2.09)	**1.7**	(0.12)	7.6	(1.04)
	Slovak Republic	**469**	(4.0)	481	(4.65)	496	(4.53)	**508**	(4.6)	**18.2**	(2.74)	**1.4**	(0.10)	2.7	(0.76)
	Spain	**451**	(2.7)	473	(2.99)	501	(3.25)	**530**	(3.3)	**32.4**	(1.24)	**1.8**	(0.09)	11.9	(0.85)
	Sweden	**461**	(3.7)	493	(3.18)	517	(3.81)	**546**	(3.6)	**32.6**	(1.64)	**2.1**	(0.16)	13.2	(1.23)
	Switzerland	**470**	(3.1)	499	(3.50)	520	(3.64)	**558**	(4.5)	**34.7**	(1.42)	**1.8**	(0.09)	12.7	(0.99)
	Turkey	**398**	(3.1)	416	(4.25)	426	(5.25)	**455**	(6.2)	**22.3**	(2.09)	**1.4**	(0.14)	6.9	(1.05)
	United Kingdom	**470**	(3.6)	497	(3.10)	528	(3.21)	**567**	(3.4)	**42.9**	(1.73)	**1.8**	(0.10)	13.5	(1.02)
	United States	**452**	(2.9)	480	(4.35)	501	(5.65)	**526**	(7.6)	**30.1**	(2.47)	**1.5**	(0.13)	8.2	(1.42)
	OECD total	**467**	(1.2)	487	(1.38)	499	(1.56)	**513**	(2.1)	**19.8**	(0.74)	**1.3**	(0.03)	3.7	(0.28)
	OECD average	**465**	(0.7)	488	(0.68)	511	(0.70)	**539**	(0.8)	**29.7**	(0.32)	**1.8**	(0.02)	10.2	(0.19)
Partners	Argentina	389	(7.3)	408	(6.55)	391	(6.84)	384	(6.6)	-1.4	(2.87)	1.0	(0.11)	0.0	(0.10)
	Azerbaijan	382	(3.5)	385	(4.04)	381	(3.02)	383	(3.2)	0.9	(1.49)	1.1	(0.09)	0.0	(0.07)
	Brazil	391	(3.6)	397	(4.26)	383	(3.74)	392	(3.9)	0.5	(1.86)	**0.9**	(0.06)	0.0	(0.03)
	Bulgaria	**420**	(6.0)	444	(6.35)	436	(7.29)	**445**	(7.8)	**12.1**	(2.89)	**1.3**	(0.10)	0.9	(0.42)
	Chile	**422**	(4.5)	431	(4.71)	441	(4.90)	**459**	(6.9)	**16.2**	(2.05)	**1.2**	(0.09)	2.7	(0.65)
	Colombia	**396**	(4.4)	391	(4.48)	383	(4.54)	**384**	(5.6)	**-5.9**	(2.70)	0.9	(0.08)	0.3	(0.28)
	Croatia	**476**	(3.0)	489	(2.99)	499	(3.42)	**509**	(3.8)	**13.8**	(1.72)	**1.4**	(0.09)	2.1	(0.52)
	Estonia	**509**	(3.5)	527	(3.53)	538	(3.47)	**553**	(4.1)	**20.2**	(1.85)	**1.5**	(0.10)	4.3	(0.80)
	Hong Kong-China	**496**	(3.3)	537	(3.58)	553	(3.56)	**584**	(3.3)	**36.0**	(1.45)	**2.2**	(0.15)	12.4	(0.86)
	Indonesia	393	(8.1)	388	(5.91)	393	(5.79)	401	(5.0)	5.1	(3.55)	1.0	(0.09)	0.3	(0.37)
	Israel	**417**	(4.7)	457	(4.38)	473	(4.57)	**484**	(6.2)	**22.1**	(1.92)	**1.7**	(0.13)	5.8	(1.02)
	Jordan	**403**	(3.6)	416	(3.36)	426	(3.94)	**445**	(4.5)	**18.8**	(2.07)	**1.4**	(0.10)	3.3	(0.70)
	Kyrgyzstan	**347**	(4.9)	325	(3.24)	314	(3.56)	**307**	(4.1)	**-18.8**	(2.66)	**0.7**	(0.07)	2.9	(0.77)
	Latvia	**482**	(4.2)	482	(3.85)	494	(3.59)	**501**	(4.2)	**12.1**	(2.66)	1.1	(0.08)	1.0	(0.43)
	Liechtenstein	**490**	(10.8)	496	(10.23)	541	(9.58)	**566**	(9.4)	**29.0**	(4.87)	1.7	(0.42)	11.0	(3.33)
	Lithuania	**467**	(3.6)	483	(3.52)	489	(4.11)	**514**	(4.0)	**21.8**	(1.77)	**1.4**	(0.09)	3.9	(0.60)
	Macao-China	**483**	(2.4)	507	(2.81)	514	(3.16)	**540**	(2.6)	**26.0**	(1.58)	**1.8**	(0.12)	7.5	(0.89)
	Montenegro	**420**	(3.1)	416	(3.06)	407	(2.78)	**407**	(3.3)	**-4.4**	(1.79)	**0.7**	(0.07)	0.3	(0.22)
	Qatar	**331**	(1.9)	351	(2.31)	360	(2.08)	**364**	(2.2)	**12.5**	(0.84)	**1.4**	(0.08)	2.7	(0.35)
	Romania	**407**	(4.5)	427	(5.76)	416	(5.00)	**426**	(5.5)	**8.3**	(2.43)	1.1	(0.09)	0.7	(0.38)
	Russian Federation	**470**	(5.0)	477	(4.18)	482	(3.93)	**488**	(6.0)	**10.9**	(2.31)	**1.2**	(0.08)	0.9	(0.39)
	Serbia	**446**	(3.6)	441	(3.41)	432	(3.82)	**426**	(4.7)	**-8.8**	(1.83)	**0.8**	(0.06)	0.9	(0.35)
	Slovenia	**504**	(2.7)	512	(3.58)	522	(3.68)	**538**	(4.0)	**15.0**	(1.86)	**1.3**	(0.08)	2.2	(0.56)
	Chinese Taipei	**498**	(3.7)	525	(4.50)	538	(4.42)	**570**	(4.0)	**28.9**	(1.53)	**1.8**	(0.10)	8.0	(0.77)
	Thailand	**406**	(2.6)	407	(2.80)	426	(3.57)	**444**	(3.7)	**23.6**	(2.00)	**1.3**	(0.08)	4.2	(0.68)
	Tunisia	**372**	(3.0)	376	(4.32)	385	(4.33)	**410**	(4.7)	**14.7**	(1.83)	**1.2**	(0.08)	2.1	(0.49)
	Uruguay	424	(4.0)	429	(3.99)	432	(4.06)	431	(4.7)	3.4	(2.08)	1.0	(0.08)	0.1	(0.15)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 1/2]

Table 3.10 **Index of instrumental motivation to learn science and performance on the science scale, by quarters of the index[1]**

Tableau 3.10 **Indice de motivation instrumentale pour l'apprentissage des sciences et scores sur l'échelle de culture scientifique, par quartile de l'indice**

		Index of instrumental motivation to learn science															
		All students		Males		Females		Gender difference (M - F)		Bottom quarter		Second quarter		Third quarter		Top quarter	
		Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD	Australia	0.11	(0.02)	0.11	(0.02)	0.10	(0.02)	0.02	(0.02)	-1.22	(0.01)	-0.29	(0.00)	0.39	(0.00)	1.54	(0.01)
	Austria	-0.40	(0.03)	-0.29	(0.03)	-0.51	(0.04)	**0.22**	(0.04)	-1.71	(0.01)	-0.78	(0.01)	-0.15	(0.01)	1.05	(0.02)
	Belgium	-0.22	(0.02)	-0.18	(0.02)	-0.26	(0.02)	**0.08**	(0.03)	-1.40	(0.01)	-0.56	(0.00)	0.09	(0.01)	1.01	(0.01)
	Canada	0.32	(0.02)	0.28	(0.02)	0.36	(0.02)	**-0.08**	(0.03)	-1.01	(0.01)	-0.02	(0.01)	0.62	(0.01)	1.70	(0.00)
	Czech Republic	-0.24	(0.02)	-0.30	(0.02)	-0.15	(0.03)	**-0.15**	(0.04)	-1.26	(0.02)	-0.51	(0.00)	0.01	(0.01)	0.82	(0.02)
	Denmark	0.04	(0.01)	0.00	(0.02)	0.08	(0.02)	**-0.08**	(0.03)	-1.12	(0.01)	-0.34	(0.01)	0.27	(0.00)	1.34	(0.01)
	Finland	-0.22	(0.02)	-0.28	(0.02)	-0.15	(0.02)	**-0.13**	(0.03)	-1.26	(0.02)	-0.53	(0.00)	0.00	(0.01)	0.92	(0.02)
	France	-0.07	(0.02)	-0.02	(0.04)	-0.12	(0.02)	**0.10**	(0.04)	-1.40	(0.02)	-0.44	(0.00)	0.23	(0.01)	1.31	(0.01)
	Germany	-0.07	(0.02)	0.01	(0.03)	-0.16	(0.02)	**0.17**	(0.03)	-1.34	(0.01)	-0.47	(0.01)	0.20	(0.01)	1.33	(0.01)
	Greece	0.08	(0.02)	0.21	(0.03)	-0.04	(0.02)	**0.25**	(0.04)	-1.12	(0.02)	-0.25	(0.01)	0.40	(0.01)	1.29	(0.01)
	Hungary	-0.07	(0.02)	-0.06	(0.02)	-0.09	(0.03)	0.03	(0.03)	-1.11	(0.01)	-0.39	(0.00)	0.19	(0.01)	1.01	(0.02)
	Iceland	0.09	(0.02)	0.13	(0.02)	0.04	(0.03)	**0.09**	(0.03)	-1.32	(0.02)	-0.32	(0.01)	0.41	(0.01)	1.58	(0.01)
	Ireland	0.15	(0.02)	0.04	(0.03)	0.27	(0.03)	**-0.23**	(0.04)	-1.18	(0.02)	-0.22	(0.01)	0.46	(0.01)	1.55	(0.01)
	Italy	0.12	(0.01)	0.19	(0.01)	0.04	(0.02)	**0.15**	(0.02)	-0.93	(0.01)	-0.18	(0.00)	0.37	(0.00)	1.21	(0.01)
	Japan	-0.43	(0.03)	-0.33	(0.03)	-0.54	(0.03)	**0.21**	(0.04)	-1.74	(0.01)	-0.78	(0.00)	-0.17	(0.01)	0.96	(0.02)
	Korea	-0.26	(0.02)	-0.18	(0.03)	-0.34	(0.03)	**0.15**	(0.03)	-1.40	(0.02)	-0.58	(0.01)	0.03	(0.01)	0.92	(0.03)
	Luxembourg	-0.15	(0.02)	-0.18	(0.02)	-0.11	(0.02)	**-0.08**	(0.03)	-1.49	(0.01)	-0.54	(0.01)	0.13	(0.01)	1.31	(0.01)
	Mexico	0.54	(0.01)	0.52	(0.02)	0.55	(0.02)	-0.03	(0.02)	-0.46	(0.01)	0.32	(0.00)	0.76	(0.01)	1.53	(0.01)
	Netherlands	-0.22	(0.02)	-0.22	(0.03)	-0.23	(0.02)	0.00	(0.03)	-1.45	(0.02)	-0.56	(0.01)	0.07	(0.01)	1.05	(0.02)
	New Zealand	0.17	(0.02)	0.15	(0.02)	0.20	(0.03)	-0.04	(0.04)	-1.07	(0.02)	-0.21	(0.01)	0.44	(0.01)	1.54	(0.01)
	Norway	-0.16	(0.02)	-0.15	(0.02)	-0.17	(0.02)	0.02	(0.03)	-1.32	(0.02)	-0.49	(0.01)	0.14	(0.01)	1.04	(0.02)
	Poland	0.16	(0.02)	0.11	(0.02)	0.21	(0.02)	**-0.10**	(0.03)	-0.90	(0.02)	-0.12	(0.01)	0.37	(0.00)	1.28	(0.01)
	Portugal	0.47	(0.02)	0.37	(0.02)	0.56	(0.03)	**-0.19**	(0.03)	-0.77	(0.03)	0.26	(0.01)	0.68	(0.01)	1.71	(0.01)
	Slovak Republic	-0.19	(0.02)	-0.19	(0.03)	-0.18	(0.03)	-0.01	(0.04)	-1.22	(0.02)	-0.49	(0.00)	0.08	(0.01)	0.88	(0.02)
	Spain	0.06	(0.02)	0.10	(0.02)	0.01	(0.02)	**0.09**	(0.03)	-1.25	(0.01)	-0.31	(0.01)	0.37	(0.01)	1.43	(0.01)
	Sweden	-0.05	(0.02)	-0.04	(0.02)	-0.07	(0.02)	0.02	(0.03)	-1.26	(0.02)	-0.40	(0.01)	0.23	(0.01)	1.21	(0.02)
	Switzerland	-0.25	(0.02)	-0.20	(0.02)	-0.31	(0.02)	**0.11**	(0.03)	-1.43	(0.01)	-0.61	(0.00)	-0.01	(0.01)	1.05	(0.02)
	Turkey	0.34	(0.02)	0.30	(0.03)	0.38	(0.03)	**-0.08**	(0.03)	-0.93	(0.02)	0.12	(0.01)	0.61	(0.01)	1.54	(0.01)
	United Kingdom	0.17	(0.01)	0.23	(0.02)	0.11	(0.02)	**0.12**	(0.03)	-0.98	(0.02)	-0.19	(0.00)	0.39	(0.00)	1.46	(0.01)
	United States	0.29	(0.02)	0.28	(0.02)	0.29	(0.02)	-0.01	(0.03)	-0.86	(0.02)	0.02	(0.01)	0.48	(0.01)	1.51	(0.01)
	OECD total	0.11	(0.01)	0.13	(0.01)	0.09	(0.01)	**0.04**	(0.01)	-1.14	(0.01)	-0.23	(0.00)	0.41	(0.00)	1.40	(0.00)
	OECD average	0.00	(0.00)	0.01	(0.00)	-0.01	(0.00)	**0.02**	(0.01)	-1.20	(0.00)	-0.33	(0.00)	0.27	(0.00)	1.27	(0.00)
Partners	Argentina	0.44	(0.02)	0.43	(0.03)	0.44	(0.02)	-0.01	(0.03)	-0.68	(0.02)	0.21	(0.01)	0.68	(0.01)	1.54	(0.01)
	Azerbaijan	0.55	(0.02)	0.53	(0.03)	0.57	(0.03)	-0.04	(0.03)	-0.58	(0.02)	0.29	(0.01)	0.89	(0.01)	1.60	(0.01)
	Brazil	0.48	(0.01)	0.44	(0.02)	0.52	(0.02)	**-0.08**	(0.03)	-0.55	(0.01)	0.25	(0.01)	0.69	(0.01)	1.54	(0.01)
	Bulgaria	0.36	(0.02)	0.31	(0.02)	0.41	(0.02)	**-0.10**	(0.03)	-0.68	(0.02)	0.17	(0.01)	0.52	(0.01)	1.42	(0.01)
	Chile	0.52	(0.03)	0.48	(0.03)	0.56	(0.04)	**-0.07**	(0.03)	-0.77	(0.02)	0.21	(0.01)	0.91	(0.01)	1.73	(0.01)
	Colombia	0.65	(0.02)	0.62	(0.03)	0.67	(0.02)	-0.05	(0.03)	-0.41	(0.02)	0.35	(0.01)	0.97	(0.01)	1.68	(0.01)
	Croatia	0.05	(0.03)	0.02	(0.03)	0.07	(0.03)	-0.05	(0.04)	-1.15	(0.02)	-0.23	(0.01)	0.35	(0.00)	1.21	(0.01)
	Estonia	0.06	(0.01)	0.06	(0.02)	0.05	(0.02)	0.01	(0.03)	-0.87	(0.02)	-0.24	(0.00)	0.24	(0.00)	1.09	(0.01)
	Hong Kong-China	0.16	(0.02)	0.28	(0.02)	0.05	(0.02)	**0.23**	(0.03)	-1.03	(0.02)	-0.06	(0.01)	0.38	(0.00)	1.36	(0.01)
	Indonesia	0.76	(0.02)	0.72	(0.03)	0.80	(0.02)	**-0.08**	(0.03)	-0.04	(0.02)	0.44	(0.00)	0.98	(0.01)	1.67	(0.01)
	Israel	-0.37	(0.03)	-0.30	(0.04)	-0.44	(0.04)	**0.14**	(0.04)	-1.70	(0.01)	-0.78	(0.01)	-0.13	(0.01)	1.15	(0.02)
	Jordan	0.80	(0.02)	0.73	(0.02)	0.88	(0.02)	**-0.15**	(0.03)	-0.20	(0.02)	0.60	(0.01)	1.11	(0.00)	1.70	(0.01)
	Kyrgyzstan	0.84	(0.02)	0.78	(0.02)	0.90	(0.02)	**-0.12**	(0.02)	-0.15	(0.01)	0.62	(0.01)	1.17	(0.00)	1.73	(0.01)
	Latvia	0.01	(0.02)	0.01	(0.02)	0.00	(0.02)	0.01	(0.03)	-0.86	(0.01)	-0.28	(0.01)	0.22	(0.01)	0.96	(0.02)
	Liechtenstein	-0.32	(0.05)	-0.14	(0.08)	-0.48	(0.07)	**0.34**	(0.11)	-1.55	(0.04)	-0.68	(0.02)	-0.08	(0.03)	1.05	(0.06)
	Lithuania	0.37	(0.01)	0.40	(0.02)	0.34	(0.02)	**0.07**	(0.03)	-0.64	(0.01)	0.10	(0.01)	0.55	(0.01)	1.47	(0.01)
	Macao-China	0.39	(0.02)	0.43	(0.02)	0.34	(0.02)	**0.09**	(0.03)	-0.61	(0.02)	0.24	(0.01)	0.46	(0.01)	1.46	(0.02)
	Montenegro	0.45	(0.02)	0.42	(0.02)	0.47	(0.02)	-0.05	(0.03)	-0.80	(0.02)	0.22	(0.01)	0.75	(0.01)	1.62	(0.01)
	Qatar	0.52	(0.01)	0.53	(0.02)	0.51	(0.01)	0.02	(0.02)	-0.76	(0.02)	0.26	(0.00)	0.90	(0.01)	1.70	(0.01)
	Romania	0.40	(0.02)	0.37	(0.03)	0.43	(0.02)	**-0.06**	(0.03)	-0.61	(0.02)	0.23	(0.01)	0.60	(0.01)	1.38	(0.01)
	Russian Federation	0.21	(0.02)	0.28	(0.02)	0.15	(0.02)	**0.13**	(0.02)	-0.78	(0.01)	-0.06	(0.01)	0.43	(0.00)	1.27	(0.01)
	Serbia	0.11	(0.02)	0.13	(0.03)	0.09	(0.03)	0.03	(0.03)	-1.08	(0.02)	-0.19	(0.01)	0.42	(0.00)	1.29	(0.01)
	Slovenia	0.06	(0.01)	0.06	(0.02)	0.06	(0.02)	0.00	(0.03)	-1.05	(0.01)	-0.21	(0.01)	0.34	(0.00)	1.17	(0.02)
	Chinese Taipei	0.27	(0.01)	0.44	(0.02)	0.09	(0.02)	**0.35**	(0.02)	-0.80	(0.01)	0.07	(0.01)	0.41	(0.00)	1.40	(0.01)
	Thailand	0.72	(0.01)	0.63	(0.02)	0.78	(0.01)	**-0.14**	(0.02)	0.03	(0.01)	0.37	(0.00)	0.88	(0.00)	1.58	(0.01)
	Tunisia	0.84	(0.02)	0.78	(0.03)	0.89	(0.02)	**-0.10**	(0.03)	-0.28	(0.02)	0.66	(0.01)	1.20	(0.01)	1.76	(0.00)
	Uruguay	0.19	(0.02)	0.14	(0.03)	0.24	(0.02)	**-0.10**	(0.04)	-1.01	(0.02)	-0.12	(0.01)	0.45	(0.01)	1.44	(0.01)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
StatLink http://dx.doi.org/10.1787/142102278412

Pour consulter la version française intégrale de ce tableau, suivre ce lien :
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[Part 2/2]

Table 3.10 Index of instrumental motivation to learn science and performance on the science scale, by quarters of the index[1]

Tableau 3.10 Indice de motivation instrumentale pour l'apprentissage des sciences et scores sur l'échelle de culture scientifique, par quartile de l'indice

		Performance on the science scale, by quarters of this index								Change in the science score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the science performance distribution		Explained variance in student performance (r-squared x 100)	
		Bottom quarter		Second quarter		Third quarter		Top quarter							
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E	Effect	S.E.	Ratio	S.E.	Percentage	S.E.
OECD	Australia	**494**	(3.0)	528	(3.2)	536	(3.1)	**581**	(2.7)	**29.5**	(0.94)	**1.8**	(0.08)	9.9	(0.57)
	Austria	**503**	(4.2)	521	(4.1)	518	(6.0)	**520**	(7.3)	**5.6**	(2.68)	1.2	(0.09)	0.4	(0.39)
	Belgium	**502**	(4.2)	527	(3.1)	530	(3.7)	**540**	(4.6)	**17.0**	(1.97)	**1.4**	(0.09)	2.9	(0.63)
	Canada	**514**	(2.9)	528	(3.1)	540	(3.1)	**578**	(2.4)	**22.8**	(1.06)	**1.5**	(0.07)	6.4	(0.55)
	Czech Republic	**511**	(4.8)	521	(4.6)	518	(4.9)	**526**	(4.9)	**6.4**	(2.36)	1.1	(0.10)	0.3	(0.24)
	Denmark	**482**	(4.1)	495	(3.8)	493	(4.6)	**528**	(3.7)	**17.6**	(1.82)	**1.3**	(0.10)	3.5	(0.69)
	Finland	**530**	(2.8)	555	(3.2)	573	(3.3)	**599**	(3.4)	**30.5**	(1.54)	**1.8**	(0.13)	10.2	(1.02)
	France	**470**	(3.7)	491	(3.8)	499	(4.7)	**541**	(4.8)	**25.5**	(1.83)	**1.4**	(0.10)	7.4	(1.02)
	Germany	**510**	(4.2)	522	(4.1)	520	(5.2)	**542**	(5.4)	**12.2**	(1.50)	1.1	(0.07)	1.7	(0.42)
	Greece	**472**	(4.0)	464	(4.6)	472	(4.3)	**490**	(4.0)	**9.9**	(1.68)	0.9	(0.07)	1.1	(0.37)
	Hungary	510	(3.8)	506	(4.0)	495	(3.6)	510	(4.7)	1.9	(2.61)	**0.8**	(0.08)	0.0	(0.10)
	Iceland	**456**	(3.2)	483	(3.5)	500	(3.5)	**540**	(3.5)	**28.1**	(1.56)	**1.8**	(0.10)	10.7	(1.10)
	Ireland	**480**	(3.7)	511	(4.2)	522	(4.4)	**550**	(4.3)	**24.8**	(1.48)	**1.8**	(0.11)	7.9	(0.92)
	Italy	**461**	(2.6)	471	(2.8)	476	(2.8)	**489**	(3.6)	**14.2**	(1.73)	**1.1**	(0.06)	1.6	(0.40)
	Japan	**498**	(4.0)	519	(3.8)	544	(4.2)	**570**	(4.2)	**27.5**	(1.62)	**1.7**	(0.11)	8.6	(0.96)
	Korea	**499**	(4.7)	515	(3.5)	524	(3.8)	**551**	(5.9)	**23.3**	(2.73)	**1.5**	(0.10)	6.0	(1.38)
	Luxembourg	**481**	(2.7)	491	(3.5)	481	(3.6)	**502**	(3.1)	**7.6**	(1.37)	1.1	(0.07)	0.7	(0.26)
	Mexico	416	(3.2)	412	(2.9)	406	(3.2)	415	(3.9)	-1.1	(1.44)	0.9	(0.06)	0.0	(0.04)
	Netherlands	**521**	(3.8)	521	(3.5)	522	(5.0)	**556**	(5.8)	**14.0**	(1.59)	1.1	(0.07)	2.2	(0.52)
	New Zealand	**504**	(3.3)	528	(3.5)	535	(4.4)	**584**	(3.6)	**29.2**	(1.53)	**1.5**	(0.09)	7.7	(0.83)
	Norway	**462**	(3.4)	490	(3.9)	497	(3.2)	**516**	(3.3)	**22.2**	(1.52)	**1.5**	(0.09)	5.2	(0.70)
	Poland	504	(3.5)	497	(3.8)	487	(3.2)	506	(3.3)	**2.8**	(1.39)	**0.8**	(0.06)	0.1	(0.07)
	Portugal	**437**	(4.0)	459	(4.2)	468	(4.9)	**524**	(3.7)	**32.9**	(1.65)	**1.6**	(0.13)	11.8	(1.14)
	Slovak Republic	484	(4.5)	493	(3.4)	491	(3.9)	495	(5.1)	**5.0**	(2.45)	1.1	(0.10)	0.2	(0.22)
	Spain	**471**	(2.6)	479	(3.4)	488	(3.6)	**523**	(3.5)	**19.6**	(1.12)	**1.3**	(0.08)	5.2	(0.60)
	Sweden	**479**	(3.2)	499	(3.2)	509	(3.3)	**542**	(3.8)	**25.9**	(1.59)	**1.6**	(0.11)	7.7	(0.95)
	Switzerland	**493**	(4.2)	517	(3.8)	517	(3.7)	**541**	(5.6)	**19.6**	(1.76)	**1.4**	(0.08)	3.7	(0.68)
	Turkey	**413**	(3.6)	417	(4.5)	422	(4.7)	**453**	(6.0)	**15.6**	(1.92)	1.1	(0.08)	3.4	(0.73)
	United Kingdom	**491**	(3.7)	512	(3.5)	510	(3.1)	**556**	(3.3)	**26.1**	(1.50)	**1.4**	(0.09)	5.5	(0.65)
	United States	**482**	(4.3)	479	(6.3)	480	(5.0)	**520**	(5.3)	**18.1**	(2.01)	1.0	(0.09)	2.5	(0.58)
	OECD total	**489**	(1.2)	491	(1.7)	482	(1.6)	**510**	(2.0)	**9.3**	(0.70)	**0.9**	(0.03)	0.8	(0.12)
	OECD average	**484**	(0.7)	498	(0.7)	502	(0.7)	**530**	(0.8)	**17.8**	(0.33)	**1.3**	(0.02)	4.5	(0.13)
Partners	Argentina	**413**	(6.5)	399	(6.4)	397	(6.7)	**396**	(8.2)	**-5.6**	(2.87)	**0.8**	(0.07)	0.3	(0.26)
	Azerbaijan	388	(3.9)	383	(3.6)	383	(3.6)	384	(3.6)	-1.7	(1.76)	1.0	(0.08)	0.1	(0.15)
	Brazil	**407**	(4.5)	394	(3.6)	385	(4.5)	**392**	(3.8)	**-5.5**	(1.93)	**0.8**	(0.07)	0.3	(0.18)
	Bulgaria	**456**	(6.1)	435	(6.7)	432	(7.3)	**436**	(7.2)	**-6.5**	(2.76)	**0.7**	(0.07)	0.3	(0.22)
	Chile	**445**	(4.6)	430	(4.4)	432	(5.4)	**460**	(6.0)	**4.7**	(2.06)	**0.8**	(0.08)	0.3	(0.23)
	Colombia	**405**	(4.8)	393	(3.5)	384	(5.7)	**384**	(5.1)	**-9.6**	(2.90)	**0.7**	(0.10)	0.9	(0.49)
	Croatia	494	(3.2)	506	(3.6)	502	(3.6)	497	(4.1)	2.4	(1.87)	1.1	(0.08)	0.1	(0.11)
	Estonia	534	(3.4)	531	(3.5)	529	(3.8)	534	(4.0)	2.6	(2.13)	0.9	(0.08)	0.1	(0.11)
	Hong Kong-China	**537**	(4.5)	553	(4.4)	544	(3.9)	**589**	(3.7)	**19.1**	(1.81)	**1.3**	(0.15)	4.0	(0.77)
	Indonesia	398	(9.2)	396	(8.7)	386	(4.1)	400	(4.1)	0.1	(4.80)	0.9	(0.08)	0.0	(0.15)
	Israel	**496**	(5.0)	475	(5.0)	446	(4.6)	**432**	(5.4)	**-22.4**	(2.08)	**0.6**	(0.06)	5.0	(0.88)
	Jordan	**398**	(3.7)	419	(3.7)	428	(3.7)	**452**	(4.1)	**25.6**	(1.99)	**1.7**	(0.10)	4.8	(0.72)
	Kyrgyzstan	**351**	(4.7)	326	(3.7)	314	(3.8)	**323**	(3.5)	**-18.3**	(2.40)	**0.8**	(0.08)	2.8	(0.70)
	Latvia	491	(3.8)	493	(3.2)	490	(4.8)	487	(4.8)	-1.2	(2.22)	0.9	(0.08)	0.0	(0.06)
	Liechtenstein	**509**	(10.3)	527	(10.8)	511	(14.6)	**543**	(10.8)	**13.6**	(4.90)	1.1	(0.28)	2.0	(1.40)
	Lithuania	**490**	(4.0)	481	(4.3)	483	(4.2)	**502**	(3.9)	**6.5**	(1.95)	0.9	(0.07)	0.4	(0.21)
	Macao-China	**494**	(3.0)	500	(4.1)	507	(3.6)	**533**	(3.5)	**19.7**	(2.21)	**1.3**	(0.11)	3.7	(0.83)
	Montenegro	**428**	(2.5)	417	(2.7)	409	(3.1)	**405**	(2.8)	**-9.4**	(1.34)	**0.7**	(0.07)	1.3	(0.36)
	Qatar	**338**	(2.1)	345	(2.3)	354	(1.9)	**373**	(2.5)	**13.8**	(1.23)	**1.4**	(0.08)	2.5	(0.44)
	Romania	419	(6.4)	415	(4.2)	418	(4.6)	425	(5.8)	4.1	(2.53)	1.1	(0.12)	0.2	(0.20)
	Russian Federation	**499**	(4.5)	480	(4.1)	472	(3.9)	**471**	(5.3)	**-11.1**	(2.09)	**0.6**	(0.06)	1.0	(0.38)
	Serbia	**447**	(3.4)	442	(3.5)	428	(3.9)	**428**	(4.7)	**-7.7**	(1.82)	**0.7**	(0.07)	0.7	(0.34)
	Slovenia	**518**	(3.2)	520	(3.0)	520	(4.1)	**538**	(3.8)	**10.2**	(2.03)	1.1	(0.08)	0.9	(0.34)
	Chinese Taipei	**523**	(3.9)	525	(4.2)	522	(4.9)	**560**	(3.8)	**17.4**	(1.40)	1.1	(0.07)	2.5	(0.40)
	Thailand	**410**	(3.6)	411	(2.4)	413	(3.1)	**449**	(3.3)	**23.3**	(2.06)	**1.2**	(0.10)	3.7	(0.67)
	Tunisia	**367**	(3.5)	379	(3.9)	389	(3.9)	**420**	(4.4)	**20.8**	(1.82)	**1.4**	(0.13)	4.3	(0.64)
	Uruguay	442	(3.8)	435	(3.8)	422	(4.0)	435	(4.4)	-2.8	(1.64)	**0.7**	(0.07)	0.1	(0.09)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
StatLink http://dx.doi.org/10.1787/142102278412

Pour consulter la version française intégrale de ce tableau, suivre ce lien :
StatLink http://dx.doi.org/10.1787/152630454851

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[Part 1/2]

Table 3.11 **Index of future-oriented motivation to learn science and performance on the science scale, by quarters of the index[1]**

Tableau 3.11 **Indice de motivation prospective pour l'apprentissage des sciences et scores sur l'échelle de culture scientifique, par quartile de l'indice**

		Index of future-oriented motivation to learn science															
		All students		Males		Females		Gender difference (M - F)		Bottom quarter		Second quarter		Third quarter		Top quarter	
		Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD	Australia	-0.07	(0.01)	-0.03	(0.02)	-0.12	(0.02)	**0.09**	(0.02)	-1.39	(0.00)	-0.40	(0.01)	0.24	(0.01)	1.26	(0.01)
	Austria	-0.33	(0.02)	-0.29	(0.03)	-0.37	(0.03)	**0.08**	(0.03)	-1.42	(0.00)	-0.86	(0.01)	-0.07	(0.01)	1.03	(0.02)
	Belgium	-0.03	(0.02)	0.05	(0.03)	-0.12	(0.02)	**0.18**	(0.03)	-1.32	(0.00)	-0.29	(0.01)	0.22	(0.01)	1.27	(0.01)
	Canada	0.20	(0.01)	0.22	(0.02)	0.19	(0.02)	0.03	(0.02)	-1.22	(0.01)	-0.14	(0.00)	0.58	(0.01)	1.59	(0.01)
	Czech Republic	-0.12	(0.02)	-0.21	(0.02)	0.00	(0.03)	**-0.21**	(0.04)	-1.32	(0.01)	-0.20	(0.01)	0.06	(0.01)	1.00	(0.02)
	Denmark	-0.17	(0.02)	-0.21	(0.03)	-0.14	(0.02)	**-0.08**	(0.03)	-1.42	(0.00)	-0.49	(0.01)	0.05	(0.00)	1.16	(0.02)
	Finland	-0.17	(0.02)	-0.22	(0.02)	-0.12	(0.02)	**-0.11**	(0.03)	-1.33	(0.00)	-0.32	(0.01)	0.04	(0.00)	0.93	(0.01)
	France	-0.03	(0.02)	0.06	(0.03)	-0.12	(0.02)	**0.18**	(0.03)	-1.35	(0.00)	-0.42	(0.01)	0.28	(0.01)	1.36	(0.02)
	Germany	-0.15	(0.02)	-0.05	(0.03)	-0.26	(0.02)	**0.21**	(0.03)	-1.39	(0.00)	-0.60	(0.01)	0.14	(0.01)	1.25	(0.02)
	Greece	0.15	(0.02)	0.33	(0.03)	-0.02	(0.02)	**0.35**	(0.04)	-1.22	(0.01)	-0.09	(0.00)	0.43	(0.01)	1.48	(0.01)
	Hungary	0.07	(0.02)	0.07	(0.03)	0.08	(0.03)	-0.02	(0.03)	-1.07	(0.01)	-0.10	(0.00)	0.25	(0.01)	1.22	(0.02)
	Iceland	-0.02	(0.02)	0.13	(0.02)	-0.17	(0.03)	**0.30**	(0.03)	-1.36	(0.00)	-0.31	(0.01)	0.28	(0.01)	1.30	(0.02)
	Ireland	-0.05	(0.02)	-0.10	(0.02)	0.00	(0.03)	**-0.09**	(0.03)	-1.36	(0.00)	-0.34	(0.01)	0.27	(0.01)	1.25	(0.02)
	Italy	0.20	(0.02)	0.30	(0.02)	0.10	(0.02)	**0.20**	(0.02)	-0.99	(0.01)	-0.06	(0.00)	0.48	(0.00)	1.36	(0.01)
	Japan	-0.24	(0.02)	-0.02	(0.03)	-0.46	(0.03)	**0.44**	(0.03)	-1.42	(0.00)	-0.64	(0.01)	0.02	(0.00)	1.08	(0.02)
	Korea	-0.25	(0.02)	-0.11	(0.03)	-0.39	(0.03)	**0.28**	(0.03)	-1.42	(0.00)	-0.57	(0.01)	-0.01	(0.00)	0.99	(0.03)
	Luxembourg	-0.05	(0.02)	-0.04	(0.02)	-0.06	(0.02)	0.02	(0.03)	-1.39	(0.00)	-0.43	(0.01)	0.26	(0.01)	1.38	(0.01)
	Mexico	0.60	(0.02)	0.65	(0.02)	0.55	(0.02)	**0.10**	(0.02)	-0.43	(0.01)	0.35	(0.00)	0.91	(0.00)	1.57	(0.01)
	Netherlands	-0.24	(0.02)	-0.11	(0.02)	-0.37	(0.02)	**0.26**	(0.03)	-1.42	(0.00)	-0.50	(0.01)	0.01	(0.00)	0.96	(0.02)
	New Zealand	0.00	(0.02)	0.03	(0.02)	-0.02	(0.03)	0.05	(0.03)	-1.32	(0.01)	-0.25	(0.01)	0.30	(0.01)	1.27	(0.02)
	Norway	-0.22	(0.02)	-0.15	(0.03)	-0.30	(0.02)	**0.16**	(0.04)	-1.42	(0.00)	-0.61	(0.01)	0.04	(0.01)	1.10	(0.02)
	Poland	0.16	(0.01)	0.09	(0.02)	0.22	(0.02)	**-0.13**	(0.03)	-1.03	(0.01)	-0.05	(0.00)	0.40	(0.01)	1.31	(0.01)
	Portugal	0.27	(0.02)	0.29	(0.02)	0.25	(0.02)	0.04	(0.03)	-1.02	(0.01)	-0.03	(0.00)	0.60	(0.01)	1.51	(0.01)
	Slovak Republic	0.08	(0.02)	0.03	(0.02)	0.14	(0.03)	**-0.11**	(0.04)	-1.04	(0.02)	-0.05	(0.00)	0.17	(0.01)	1.25	(0.02)
	Spain	0.08	(0.02)	0.13	(0.02)	0.02	(0.02)	**0.12**	(0.03)	-1.30	(0.01)	-0.25	(0.01)	0.38	(0.01)	1.47	(0.01)
	Sweden	-0.21	(0.02)	-0.18	(0.02)	-0.25	(0.02)	**0.07**	(0.03)	-1.42	(0.00)	-0.57	(0.01)	0.06	(0.01)	1.09	(0.02)
	Switzerland	-0.22	(0.02)	-0.17	(0.02)	-0.27	(0.02)	**0.10**	(0.03)	-1.37	(0.00)	-0.68	(0.00)	0.06	(0.00)	1.11	(0.02)
	Turkey	0.65	(0.03)	0.70	(0.03)	0.59	(0.03)	**0.11**	(0.03)	-0.70	(0.02)	0.35	(0.01)	1.05	(0.00)	1.91	(0.01)
	United Kingdom	-0.12	(0.02)	-0.03	(0.02)	-0.20	(0.02)	**0.18**	(0.03)	-1.37	(0.00)	-0.41	(0.01)	0.15	(0.01)	1.17	(0.01)
	United States	0.20	(0.01)	0.27	(0.02)	0.13	(0.02)	**0.13**	(0.03)	-1.10	(0.01)	-0.05	(0.00)	0.53	(0.01)	1.43	(0.01)
	OECD total	0.11	(0.01)	0.18	(0.01)	0.03	(0.01)	**0.15**	(0.01)	-1.24	(0.00)	-0.16	(0.00)	0.41	(0.00)	1.40	(0.01)
	OECD average	0.00	(0.00)	0.05	(0.00)	-0.05	(0.00)	**0.10**	(0.01)	-1.24	(0.00)	-0.30	(0.00)	0.27	(0.00)	1.27	(0.00)
Partners	Argentina	0.31	(0.03)	0.32	(0.04)	0.31	(0.03)	0.00	(0.04)	-1.03	(0.02)	0.05	(0.01)	0.70	(0.01)	1.53	(0.02)
	Azerbaijan	0.68	(0.02)	0.69	(0.03)	0.68	(0.03)	0.01	(0.03)	-0.51	(0.02)	0.40	(0.01)	1.07	(0.00)	1.78	(0.01)
	Brazil	0.46	(0.02)	0.48	(0.02)	0.44	(0.02)	**0.05**	(0.02)	-0.67	(0.02)	0.13	(0.01)	0.78	(0.01)	1.59	(0.01)
	Bulgaria	0.38	(0.03)	0.33	(0.03)	0.43	(0.03)	**-0.11**	(0.03)	-0.77	(0.02)	0.07	(0.01)	0.73	(0.01)	1.49	(0.01)
	Chile	0.24	(0.02)	0.24	(0.02)	0.24	(0.03)	0.00	(0.03)	-1.06	(0.01)	-0.03	(0.00)	0.55	(0.01)	1.51	(0.01)
	Colombia	0.74	(0.02)	0.75	(0.04)	0.73	(0.03)	0.01	(0.05)	-0.38	(0.02)	0.43	(0.01)	1.03	(0.01)	1.87	(0.01)
	Croatia	0.22	(0.02)	0.20	(0.02)	0.23	(0.02)	-0.03	(0.03)	-0.85	(0.01)	-0.05	(0.00)	0.45	(0.01)	1.32	(0.01)
	Estonia	-0.09	(0.02)	-0.12	(0.02)	-0.06	(0.02)	-0.06	(0.03)	-1.19	(0.01)	-0.32	(0.01)	0.15	(0.01)	1.00	(0.02)
	Hong Kong-China	0.29	(0.01)	0.46	(0.02)	0.12	(0.02)	**0.34**	(0.03)	-0.82	(0.02)	-0.05	(0.00)	0.58	(0.01)	1.44	(0.01)
	Indonesia	0.81	(0.03)	0.77	(0.04)	0.85	(0.02)	-0.08	(0.04)	-0.06	(0.02)	0.64	(0.01)	1.03	(0.00)	1.62	(0.01)
	Israel	0.31	(0.02)	0.39	(0.03)	0.22	(0.03)	**0.17**	(0.04)	-1.26	(0.01)	-0.02	(0.01)	0.78	(0.01)	1.72	(0.01)
	Jordan	1.07	(0.02)	1.14	(0.02)	1.00	(0.03)	**0.14**	(0.03)	-0.01	(0.02)	0.89	(0.01)	1.36	(0.01)	2.04	(0.01)
	Kyrgyzstan	1.03	(0.02)	1.01	(0.02)	1.04	(0.02)	-0.03	(0.02)	0.01	(0.02)	0.89	(0.00)	1.30	(0.01)	1.92	(0.01)
	Latvia	-0.09	(0.02)	-0.09	(0.02)	-0.09	(0.02)	0.00	(0.03)	-1.17	(0.01)	-0.18	(0.01)	0.07	(0.01)	0.92	(0.01)
	Liechtenstein	-0.30	(0.05)	-0.21	(0.07)	-0.37	(0.06)	0.16	(0.10)	-1.36	(0.02)	-0.76	(0.02)	-0.05	(0.02)	1.00	(0.06)
	Lithuania	0.12	(0.02)	0.09	(0.02)	0.16	(0.02)	**-0.08**	(0.03)	-0.89	(0.02)	-0.05	(0.00)	0.26	(0.01)	1.18	(0.01)
	Macao-China	0.17	(0.01)	0.27	(0.02)	0.06	(0.01)	**0.20**	(0.02)	-0.80	(0.01)	-0.05	(0.00)	0.33	(0.01)	1.19	(0.01)
	Montenegro	0.32	(0.02)	0.32	(0.02)	0.33	(0.02)	-0.02	(0.03)	-0.98	(0.02)	0.00	(0.00)	0.71	(0.01)	1.57	(0.01)
	Qatar	0.60	(0.01)	0.78	(0.02)	0.43	(0.02)	**0.35**	(0.03)	-0.87	(0.01)	0.35	(0.01)	1.03	(0.00)	1.89	(0.01)
	Romania	0.55	(0.02)	0.55	(0.02)	0.54	(0.02)	0.02	(0.03)	-0.49	(0.02)	0.27	(0.01)	0.87	(0.01)	1.54	(0.02)
	Russian Federation	0.33	(0.02)	0.37	(0.02)	0.29	(0.02)	**0.08**	(0.02)	-0.58	(0.02)	0.04	(0.00)	0.57	(0.01)	1.28	(0.01)
	Serbia	0.28	(0.02)	0.34	(0.02)	0.22	(0.03)	**0.11**	(0.03)	-0.93	(0.02)	0.02	(0.00)	0.57	(0.01)	1.47	(0.01)
	Slovenia	0.01	(0.02)	-0.01	(0.02)	0.02	(0.02)	-0.03	(0.03)	-1.20	(0.01)	-0.24	(0.01)	0.24	(0.01)	1.24	(0.02)
	Chinese Taipei	0.14	(0.01)	0.39	(0.02)	-0.14	(0.01)	**0.53**	(0.02)	-1.04	(0.01)	-0.05	(0.00)	0.33	(0.01)	1.31	(0.01)
	Thailand	0.86	(0.02)	0.84	(0.02)	0.87	(0.02)	-0.03	(0.02)	-0.07	(0.01)	0.75	(0.01)	1.08	(0.00)	1.66	(0.01)
	Tunisia	1.07	(0.02)	1.10	(0.02)	1.04	(0.02)	**0.06**	(0.03)	-0.04	(0.02)	0.89	(0.01)	1.39	(0.00)	2.04	(0.01)
	Uruguay	0.14	(0.02)	0.08	(0.03)	0.20	(0.03)	**-0.12**	(0.04)	-1.25	(0.01)	-0.14	(0.01)	0.45	(0.01)	1.52	(0.02)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
StatLink http://dx.doi.org/10.1787/142102278412

Pour consulter la version française intégrale de ce tableau, suivre ce lien :
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[Part 2/2]

Table 3.11 Index of future-oriented motivation to learn science and performance on the science scale, by quarters of the index[1]

Tableau 3.11 Indice de motivation prospective pour l'apprentissage des sciences et scores sur l'échelle de culture scientifique, par quartile de l'indice

		Performance on the science scale, by quarters of this index								Change in the science score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the science performance distribution		Explained variance in student performance (r-squared x 100)	
		Bottom quarter		Second quarter		Third quarter		Top quarter							
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E	Effect	S.E.	Ratio	S.E.	Percentage	S.E.
OECD	Australia	**490**	(2.5)	520	(2.6)	528	(2.8)	**574**	(3.3)	**30.2**	(1.04)	**1.8**	(0.08)	9.7	(0.62)
	Austria	**490**	(3.7)	508	(4.4)	511	(4.5)	**540**	(6.6)	**19.1**	(2.46)	**1.4**	(0.11)	3.7	(1.02)
	Belgium	**489**	(3.2)	505	(3.1)	514	(3.1)	**556**	(3.7)	**25.1**	(1.55)	**1.5**	(0.07)	6.6	(0.79)
	Canada	**508**	(2.8)	518	(2.4)	547	(2.7)	**573**	(3.2)	**25.0**	(1.09)	**1.6**	(0.07)	8.2	(0.70)
	Czech Republic	**510**	(4.4)	516	(4.4)	512	(4.6)	**536**	(6.2)	**10.0**	(2.25)	1.1	(0.09)	0.9	(0.39)
	Denmark	**481**	(3.5)	491	(4.3)	487	(4.0)	**531**	(4.6)	**20.3**	(1.50)	**1.2**	(0.08)	4.9	(0.74)
	Finland	**531**	(2.8)	556	(3.4)	562	(3.1)	**606**	(2.9)	**32.4**	(1.45)	**1.8**	(0.11)	10.6	(0.96)
	France	**469**	(3.6)	486	(3.6)	492	(4.5)	**547**	(5.1)	**27.2**	(1.83)	**1.5**	(0.10)	8.1	(1.10)
	Germany	**499**	(5.4)	520	(4.0)	522	(4.3)	**553**	(5.2)	**20.3**	(1.33)	**1.5**	(0.11)	4.7	(0.63)
	Greece	**469**	(3.7)	465	(3.8)	469	(4.6)	**496**	(4.6)	**10.4**	(1.61)	1.0	(0.07)	1.4	(0.44)
	Hungary	**504**	(3.8)	497	(3.8)	500	(4.2)	**518**	(5.7)	**9.0**	(2.75)	0.9	(0.09)	0.8	(0.51)
	Iceland	**452**	(3.1)	485	(3.1)	496	(3.6)	**536**	(4.2)	**30.9**	(1.80)	**1.9**	(0.12)	10.6	(1.18)
	Ireland	**474**	(3.8)	500	(4.2)	512	(4.0)	**554**	(4.5)	**28.6**	(1.58)	**1.8**	(0.10)	9.3	(1.04)
	Italy	**469**	(2.5)	465	(2.3)	480	(3.0)	**493**	(3.5)	**12.4**	(1.58)	1.0	(0.05)	1.4	(0.36)
	Japan	**500**	(4.5)	523	(3.9)	532	(4.1)	**573**	(4.3)	**28.6**	(1.85)	**1.6**	(0.10)	8.1	(0.99)
	Korea	**501**	(3.8)	520	(3.5)	507	(4.4)	**562**	(5.9)	**23.2**	(2.63)	**1.3**	(0.08)	5.8	(1.40)
	Luxembourg	**472**	(2.7)	484	(2.6)	487	(2.6)	**507**	(3.2)	**13.3**	(1.45)	**1.2**	(0.08)	2.2	(0.48)
	Mexico	**422**	(2.9)	416	(2.7)	409	(3.7)	**396**	(4.7)	**-11.0**	(2.32)	**0.7**	(0.07)	1.2	(0.49)
	Netherlands	**507**	(3.4)	526	(4.0)	520	(3.6)	**567**	(5.8)	**23.8**	(2.16)	**1.4**	(0.08)	5.6	(1.08)
	New Zealand	**501**	(3.1)	518	(4.7)	534	(4.1)	**577**	(4.7)	**29.5**	(1.61)	**1.4**	(0.09)	7.6	(0.89)
	Norway	**461**	(3.5)	494	(3.4)	498	(3.5)	**512**	(3.9)	**18.2**	(1.50)	**1.5**	(0.09)	3.7	(0.60)
	Poland	503	(3.4)	489	(2.9)	493	(3.3)	508	(3.6)	**3.7**	(1.43)	**0.8**	(0.06)	0.1	(0.11)
	Portugal	**455**	(4.0)	447	(4.0)	482	(3.8)	**516**	(3.8)	**25.9**	(1.51)	**1.3**	(0.08)	8.3	(0.93)
	Slovak Republic	**494**	(3.5)	483	(4.1)	477	(4.5)	**507**	(4.4)	**5.3**	(2.17)	**0.8**	(0.06)	0.3	(0.21)
	Spain	**468**	(2.6)	475	(3.2)	487	(3.7)	**528**	(3.2)	**22.7**	(1.18)	**1.4**	(0.08)	7.1	(0.75)
	Sweden	**472**	(3.1)	507	(3.0)	497	(4.1)	**545**	(4.0)	**25.5**	(1.48)	**1.7**	(0.11)	7.0	(0.85)
	Switzerland	**486**	(3.6)	510	(3.1)	510	(3.3)	**542**	(5.4)	**22.5**	(2.05)	**1.4**	(0.07)	4.9	(0.92)
	Turkey	**417**	(3.5)	418	(3.6)	414	(4.4)	**452**	(6.9)	**11.3**	(2.09)	1.0	(0.09)	2.0	(0.65)
	United Kingdom	**485**	(3.3)	510	(3.4)	507	(3.1)	**564**	(4.0)	**29.2**	(1.63)	**1.5**	(0.09)	7.3	(0.86)
	United States	**478**	(4.0)	472	(3.8)	496	(5.0)	**514**	(7.3)	**17.9**	(2.09)	1.1	(0.08)	2.7	(0.65)
	OECD total	**487**	(1.2)	488	(1.1)	492	(1.5)	**504**	(2.3)	**8.3**	(0.74)	**0.9**	(0.02)	0.7	(0.12)
	OECD average	**482**	(0.6)	494	(0.7)	499	(0.7)	**533**	(0.9)	**19.7**	(0.33)	**1.3**	(0.02)	5.2	(0.15)
Partners	Argentina	**407**	(6.0)	398	(6.3)	394	(8.1)	**391**	(8.2)	-4.8	(2.56)	**0.8**	(0.09)	0.2	(0.26)
	Azerbaijan	**391**	(3.8)	384	(3.7)	382	(3.8)	**379**	(3.5)	**-5.1**	(1.39)	**0.8**	(0.09)	0.7	(0.36)
	Brazil	**406**	(3.6)	394	(4.4)	389	(3.9)	**382**	(3.7)	**-8.6**	(1.75)	**0.7**	(0.06)	0.8	(0.31)
	Bulgaria	**454**	(5.8)	445	(5.8)	433	(8.0)	**420**	(8.6)	**-11.1**	(3.13)	**0.6**	(0.06)	0.9	(0.51)
	Chile	**433**	(4.7)	425	(4.0)	441	(4.9)	**458**	(6.8)	**10.4**	(1.98)	1.0	(0.08)	1.2	(0.46)
	Colombia	**401**	(4.0)	393	(4.2)	385	(4.0)	**378**	(5.5)	**-10.1**	(2.40)	**0.7**	(0.10)	1.2	(0.51)
	Croatia	**492**	(3.2)	488	(3.0)	490	(3.2)	**506**	(4.1)	**6.7**	(1.63)	1.0	(0.07)	0.5	(0.23)
	Estonia	**524**	(3.2)	533	(3.1)	531	(3.6)	**540**	(4.4)	**7.1**	(1.88)	1.1	(0.10)	0.5	(0.28)
	Hong Kong-China	**524**	(3.4)	526	(3.1)	547	(3.4)	**572**	(4.1)	**23.6**	(1.56)	**1.3**	(0.08)	5.5	(0.72)
	Indonesia	**409**	(9.6)	391	(6.2)	387	(4.9)	**389**	(5.2)	**-11.5**	(5.55)	**0.6**	(0.07)	1.2	(1.13)
	Israel	**438**	(5.0)	463	(4.3)	463	(5.5)	**479**	(5.6)	**13.7**	(2.00)	**1.2**	(0.11)	2.0	(0.58)
	Jordan	**411**	(3.6)	413	(3.4)	420	(4.3)	**451**	(4.4)	**16.4**	(2.13)	1.1	(0.07)	2.3	(0.55)
	Kyrgyzstan	**367**	(4.6)	324	(3.9)	309	(3.4)	**306**	(3.4)	**-30.8**	(2.33)	**0.5**	(0.05)	8.2	(1.12)
	Latvia	490	(4.1)	486	(3.4)	488	(4.8)	497	(5.3)	4.8	(2.75)	0.9	(0.09)	0.2	(0.25)
	Liechtenstein	**502**	(9.4)	523	(11.3)	515	(9.8)	**549**	(12.7)	**17.9**	(5.83)	1.3	(0.29)	3.0	(1.93)
	Lithuania	**486**	(3.5)	484	(3.9)	481	(4.9)	**503**	(4.7)	**8.1**	(2.07)	1.0	(0.07)	0.6	(0.28)
	Macao-China	**507**	(2.4)	508	(2.5)	509	(2.6)	**521**	(3.0)	**8.7**	(1.84)	1.0	(0.08)	0.8	(0.33)
	Montenegro	**427**	(2.5)	420	(2.5)	405	(2.8)	**399**	(3.0)	**-11.1**	(1.38)	**0.6**	(0.06)	2.0	(0.47)
	Qatar	**347**	(2.2)	352	(2.2)	347	(1.9)	**362**	(2.6)	**5.4**	(1.00)	1.0	(0.06)	0.5	(0.17)
	Romania	**428**	(4.9)	423	(4.5)	415	(6.6)	**411**	(5.5)	**-6.7**	(2.12)	**0.7**	(0.09)	0.5	(0.30)
	Russian Federation	**493**	(4.3)	485	(4.1)	473	(4.1)	**468**	(6.1)	**-11.7**	(2.27)	**0.7**	(0.07)	1.0	(0.38)
	Serbia	**442**	(3.2)	438	(3.6)	437	(3.6)	**430**	(5.1)	**-4.3**	(1.81)	**0.8**	(0.06)	0.2	(0.20)
	Slovenia	**503**	(3.3)	512	(3.7)	518	(3.5)	**553**	(3.2)	**21.3**	(1.87)	**1.3**	(0.10)	4.3	(0.75)
	Chinese Taipei	**521**	(3.9)	515	(4.3)	534	(4.7)	**561**	(4.8)	**19.6**	(1.68)	**1.2**	(0.06)	3.6	(0.62)
	Thailand	426	(3.4)	417	(2.8)	410	(3.2)	432	(3.8)	0.6	(2.41)	**0.8**	(0.07)	0.0	(0.05)
	Tunisia	**378**	(2.6)	376	(4.7)	386	(3.9)	**409**	(4.6)	**12.2**	(1.96)	1.0	(0.07)	1.5	(0.44)
	Uruguay	437	(3.7)	430	(3.5)	432	(3.9)	433	(5.2)	0.0	(1.88)	**0.9**	(0.06)	0.0	(0.04)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 1/1]

Table 3.12 **Percentage of students expecting a science-related career[1] at age 30 and performance on the science scale, by gender[2]**

Tableau 3.12 **Pourcentage d'élèves envisageant d'exercer une profession à caractère scientifique à l'âge de 30 ans et scores sur l'échelle de culture scientifique, selon le sexe**

		All students						Males						Females					
		Students expecting a science career				Students not expecting a science career		Students expecting a science career				Students not expecting a science career		Students expecting a science career				Students not expecting a science career	
		%	S.E.	Mean score	S.E.	Mean score	S.E.	%	S.E.	Mean score	S.E.	Mean score	S.E.	%	S.E.	Mean score	S.E.	Mean score	S.E.
OECD	Australia	27.8	(0.6)	**570**	(2.8)	**512**	(2.2)	27.0	(0.7)	**581**	(4.1)	**509**	(3.0)	28.7	(0.8)	**559**	(3.2)	**515**	(2.8)
	Austria	20.0	(1.1)	**542**	(5.7)	**504**	(3.7)	17.8	(1.6)	**561**	(5.7)	**505**	(4.3)	22.3	(1.2)	**527**	(8.0)	**502**	(4.5)
	Belgium	27.0	(0.7)	**555**	(3.0)	**496**	(2.7)	25.7	(1.0)	**570**	(3.7)	**493**	(3.6)	28.4	(0.9)	**541**	(3.8)	**499**	(3.4)
	Canada	37.1	(0.7)	**561**	(2.1)	**521**	(2.3)	32.7	(0.8)	**578**	(3.0)	**520**	(2.7)	41.4	(0.9)	**548**	(2.3)	**523**	(2.7)
	Czech Republic	17.4	(0.8)	**570**	(4.3)	**502**	(3.5)	17.0	(1.0)	**576**	(4.6)	**504**	(4.1)	18.0	(1.3)	**563**	(6.5)	**499**	(5.1)
	Denmark	21.8	(0.7)	**530**	(3.8)	**487**	(3.2)	18.9	(0.9)	**545**	(5.0)	**491**	(3.9)	24.8	(0.9)	**518**	(4.9)	**483**	(3.7)
	Finland	18.1	(0.6)	**595**	(3.6)	**557**	(2.2)	15.1	(0.7)	**610**	(5.8)	**553**	(2.7)	21.1	(1.0)	**583**	(4.0)	**560**	(2.6)
	France	28.3	(0.9)	**529**	(4.8)	**486**	(3.3)	26.6	(1.3)	**547**	(6.4)	**482**	(4.3)	29.9	(1.0)	**514**	(5.3)	**489**	(3.5)
	Germany	18.4	(0.6)	**564**	(3.7)	**509**	(3.9)	18.0	(0.9)	**577**	(4.9)	**511**	(5.0)	18.8	(0.8)	**552**	(5.4)	**507**	(3.8)
	Greece	25.1	(0.7)	**515**	(3.2)	**461**	(3.4)	23.7	(1.1)	**522**	(4.5)	**453**	(4.5)	26.4	(1.0)	**508**	(4.7)	**469**	(3.5)
	Hungary	16.8	(1.0)	**557**	(4.7)	**494**	(2.7)	17.3	(1.2)	**569**	(5.8)	**495**	(3.2)	16.2	(1.1)	**541**	(6.3)	**493**	(3.7)
	Iceland	32.3	(0.8)	**525**	(2.6)	**478**	(2.0)	27.4	(1.1)	**534**	(3.9)	**476**	(3.1)	37.1	(1.1)	**518**	(3.6)	**481**	(2.5)
	Ireland	29.3	(0.8)	**546**	(3.6)	**495**	(3.3)	28.3	(1.2)	**553**	(4.9)	**492**	(4.3)	30.2	(0.9)	**538**	(4.4)	**497**	(3.5)
	Italy	31.6	(0.9)	**505**	(3.0)	**463**	(2.1)	32.3	(1.1)	**513**	(3.9)	**462**	(3.0)	31.0	(1.0)	**498**	(3.9)	**464**	(2.6)
	Japan	7.8	(0.9)	**567**	(12.4)	**529**	(3.3)	4.3	(0.5)	**605**	(7.6)	**531**	(5.0)	11.5	(1.6)	552	(14.7)	527	(4.7)
	Korea	18.5	(0.6)	**550**	(4.3)	**516**	(3.5)	20.4	(0.8)	**552**	(5.6)	**514**	(5.0)	16.6	(0.9)	**548**	(6.0)	**518**	(3.8)
	Luxembourg	24.2	(0.7)	**518**	(2.8)	**477**	(1.2)	23.4	(0.8)	**528**	(3.8)	**481**	(2.1)	24.9	(1.0)	**509**	(3.7)	**473**	(2.1)
	Mexico	34.5	(0.9)	**432**	(2.8)	**399**	(2.9)	35.6	(1.3)	**438**	(3.4)	**401**	(3.5)	33.6	(1.0)	**427**	(3.5)	**398**	(2.6)
	Netherlands	22.9	(0.7)	**555**	(3.8)	**517**	(3.0)	15.9	(0.8)	**579**	(5.0)	**520**	(3.5)	30.0	(1.1)	**542**	(4.5)	**514**	(3.6)
	New Zealand	24.2	(0.7)	**575**	(3.3)	**519**	(2.8)	20.5	(1.0)	**584**	(5.1)	**518**	(4.1)	27.6	(1.0)	**570**	(4.5)	**519**	(3.9)
	Norway	25.0	(0.6)	**522**	(3.5)	**480**	(2.8)	20.8	(0.9)	**538**	(4.5)	**476**	(3.6)	29.3	(1.0)	**510**	(4.4)	**483**	(3.1)
	Poland	31.3	(0.7)	**530**	(2.7)	**484**	(2.6)	33.9	(1.1)	**529**	(3.8)	**485**	(3.0)	28.7	(1.0)	**531**	(3.3)	**482**	(2.8)
	Portugal	38.8	(0.9)	**508**	(2.4)	**453**	(3.6)	35.4	(1.4)	**519**	(3.9)	**455**	(4.4)	42.1	(1.0)	**500**	(2.6)	**452**	(3.9)
	Slovak Republic	19.7	(1.1)	**535**	(4.0)	**478**	(2.7)	21.7	(1.2)	**542**	(5.3)	**478**	(4.0)	17.5	(1.3)	**526**	(5.1)	**478**	(3.4)
	Spain	27.7	(0.8)	**532**	(2.6)	**473**	(2.5)	25.2	(1.0)	**544**	(2.9)	**474**	(2.9)	30.3	(0.9)	**521**	(3.1)	**471**	(2.9)
	Sweden	22.4	(0.7)	**530**	(3.7)	**497**	(2.5)	20.3	(1.0)	**547**	(5.1)	**495**	(2.9)	24.6	(1.0)	**515**	(4.7)	**500**	(3.2)
	Switzerland	21.9	(0.4)	**543**	(4.0)	**503**	(3.2)	20.7	(0.6)	**557**	(4.5)	**504**	(3.3)	23.2	(0.8)	**531**	(4.9)	**502**	(3.6)
	Turkey	24.1	(1.3)	**474**	(7.0)	**409**	(2.7)	23.1	(1.5)	**472**	(8.5)	**404**	(3.3)	25.3	(1.4)	**476**	(7.1)	**415**	(3.4)
	United Kingdom	24.6	(0.7)	**556**	(3.3)	**503**	(2.5)	22.5	(0.9)	**578**	(4.2)	**506**	(3.3)	26.6	(0.8)	**537**	(4.8)	**501**	(3.1)
	United States	38.1	(0.8)	**511**	(4.5)	**477**	(4.4)	32.0	(1.2)	**533**	(5.3)	**471**	(5.2)	44.4	(1.1)	**496**	(4.5)	**484**	(4.5)
	OECD total	28.2	(0.3)	**516**	(1.7)	**483**	(1.1)	25.7	(0.4)	**529**	(2.0)	**482**	(1.4)	30.8	(0.4)	**505**	(1.9)	**484**	(1.2)
	OECD average	25.2	(0.1)	**537**	(0.8)	**489**	(0.5)	23.5	(0.2)	**549**	(0.9)	**489**	(0.7)	27.0	(0.2)	**527**	(1.0)	**490**	(0.6)
Partners	Argentina	30.7	(1.2)	**428**	(5.2)	**382**	(6.0)	27.6	(1.4)	**428**	(6.3)	**375**	(6.3)	33.5	(1.5)	**428**	(6.9)	**389**	(6.7)
	Azerbaijan	18.3	(0.9)	**400**	(3.5)	**380**	(2.9)	15.0	(1.2)	**400**	(5.1)	**377**	(3.2)	21.7	(1.2)	**400**	(3.6)	**384**	(2.9)
	Brazil	35.8	(0.9)	**409**	(3.6)	**383**	(2.8)	28.6	(1.1)	**428**	(5.5)	**385**	(3.2)	41.9	(1.1)	**399**	(3.6)	**380**	(3.3)
	Bulgaria	24.0	(0.6)	**450**	(7.7)	**432**	(5.9)	22.8	(0.9)	**444**	(8.5)	**424**	(6.5)	25.3	(0.9)	**456**	(8.8)	**441**	(6.7)
	Chile	40.3	(1.2)	**468**	(4.6)	**420**	(4.5)	39.8	(1.4)	**482**	(5.7)	**427**	(5.1)	40.9	(1.8)	**451**	(5.7)	**411**	(5.1)
	Colombia	47.8	(0.9)	**402**	(3.3)	**377**	(3.8)	46.1	(1.2)	**418**	(4.3)	**374**	(4.6)	49.3	(1.1)	**390**	(3.9)	**379**	(5.1)
	Croatia	17.1	(1.4)	**531**	(4.2)	**486**	(2.5)	17.4	(1.2)	**538**	(4.8)	**483**	(3.4)	16.8	(2.0)	**524**	(5.8)	**489**	(3.1)
	Estonia	21.1	(0.7)	**561**	(3.3)	**524**	(2.6)	19.3	(0.9)	**570**	(4.5)	**520**	(3.1)	22.9	(1.0)	**553**	(4.6)	**528**	(3.2)
	Hong Kong-China	20.8	(0.7)	**586**	(3.6)	**531**	(2.6)	21.4	(0.9)	**596**	(4.4)	**532**	(3.7)	20.2	(1.0)	**575**	(5.3)	**530**	(3.4)
	Indonesia	24.0	(2.0)	**413**	(11.6)	**388**	(3.9)	23.0	(3.2)	**427**	(18.0)	**391**	(5.2)	25.1	(1.5)	**400**	(5.5)	**384**	(3.6)
	Israel	23.0	(1.0)	**496**	(4.6)	**446**	(4.0)	17.7	(1.3)	**511**	(7.8)	**450**	(5.7)	28.3	(1.3)	**486**	(5.1)	**441**	(4.6)
	Jordan	39.2	(1.1)	**460**	(3.5)	**399**	(2.6)	37.5	(1.7)	**454**	(5.4)	**382**	(4.2)	40.8	(1.2)	**464**	(3.7)	**417**	(3.2)
	Kyrgyzstan	21.3	(0.8)	**336**	(3.7)	**323**	(3.0)	13.7	(0.8)	**361**	(6.3)	**319**	(3.4)	27.7	(1.0)	326	(3.8)	327	(3.3)
	Latvia	19.1	(0.6)	**523**	(4.1)	**482**	(2.9)	19.5	(0.9)	**529**	(5.5)	**476**	(3.3)	18.9	(0.9)	**518**	(5.1)	**488**	(3.3)
	Liechtenstein	19.8	(2.0)	546	(13.3)	516	(5.0)	21.3	(2.9)	**549**	(17.7)	**507**	(8.7)	18.5	(2.8)	543	(18.9)	524	(7.3)
	Lithuania	21.2	(0.7)	**525**	(3.3)	**479**	(2.8)	21.2	(1.0)	**526**	(4.0)	**473**	(3.3)	21.2	(0.9)	**523**	(4.4)	**485**	(3.1)
	Macao-China	17.7	(0.5)	**544**	(2.6)	**504**	(1.1)	18.1	(1.0)	**553**	(3.9)	**504**	(1.9)	17.3	(0.8)	**534**	(3.6)	**504**	(1.8)
	Montenegro	16.2	(0.6)	**434**	(3.5)	**408**	(1.2)	14.4	(0.9)	**436**	(5.3)	**408**	(1.9)	18.1	(0.8)	**433**	(4.5)	**409**	(1.9)
	Qatar	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Romania	21.8	(1.3)	**457**	(5.5)	**408**	(4.6)	21.3	(1.5)	**474**	(5.8)	**402**	(4.3)	22.3	(1.4)	**441**	(6.2)	**413**	(5.5)
	Russian Federation	20.9	(0.8)	**502**	(4.2)	**474**	(3.7)	21.2	(1.2)	**520**	(4.6)	**471**	(4.1)	20.5	(0.8)	485	(5.4)	476	(3.9)
	Serbia	22.8	(1.7)	**470**	(4.0)	**426**	(3.0)	22.7	(1.3)	**469**	(5.0)	**423**	(3.2)	22.8	(2.5)	**470**	(5.2)	**430**	(3.9)
	Slovenia	31.4	(0.7)	**547**	(2.6)	**507**	(1.4)	32.2	(0.9)	**548**	(3.5)	**500**	(2.4)	30.6	(1.1)	**547**	(3.6)	**513**	(2.5)
	Chinese Taipei	23.1	(1.1)	**561**	(6.0)	**524**	(3.7)	28.1	(0.8)	**569**	(4.9)	**524**	(4.5)	17.6	(2.0)	**548**	(13.0)	**525**	(4.6)
	Thailand	25.5	(0.7)	**467**	(3.3)	**405**	(2.0)	16.9	(1.0)	**485**	(5.4)	**396**	(3.0)	31.9	(1.2)	**460**	(3.4)	**413**	(2.3)
	Tunisia	34.8	(1.0)	**426**	(4.9)	**366**	(2.3)	33.4	(1.2)	**427**	(4.8)	**364**	(2.9)	36.2	(1.3)	**426**	(6.0)	**368**	(2.7)
	Uruguay	32.5	(1.1)	**456**	(4.2)	**419**	(2.9)	28.7	(1.4)	**465**	(7.2)	**416**	(4.2)	36.0	(1.3)	**449**	(4.3)	**422**	(3.2)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. See Annex A10 for the list of PISA science-related careers.
2. Results based on students' self-reports.
StatLink http://dx.doi.org/10.1787/142102278412

Pour consulter la version française intégrale de ce tableau, suivre ce lien :
StatLink http://dx.doi.org/10.1787/152630454851



[Part 1/1]

Table 3.13 Percentage of students having at least one parent in a science-related career[1] and performance on the science scale, by gender[2]

Tableau 3.13 Pourcentage d'élèves dont au moins un parent exerce une profession à caractère scientifique et scores sur l'échelle de culture scientifique, selon le sexe

		All students						Males						Females					
		Students with at least one parent in a science-related career				Students without a parent in a science-related career		Students with at least one parent in a science-related career				Students without a parent in a science-related career		Students with at least one parent in a science-related career				Students without a parent in a science-related career	
		%	S.E.	Mean score	S.E.	Mean score	S.E.	%	S.E.	Mean score	S.E.	Mean score	S.E.	%	S.E.	Mean score	S.E.	Mean score	S.E.
OECD	Australia	22.8	(0.5)	**555**	(3.0)	**521**	(2.2)	22.6	(0.7)	**554**	(4.6)	**523**	(3.0)	23.1	(0.8)	**557**	(4.1)	**520**	(2.5)
	Austria	16.8	(0.6)	**548**	(4.0)	**504**	(4.3)	15.9	(0.8)	**549**	(4.8)	**509**	(4.5)	17.7	(0.9)	**548**	(5.1)	**498**	(5.7)
	Belgium	19.5	(0.5)	**555**	(3.2)	**502**	(2.6)	20.0	(0.8)	**554**	(4.9)	**503**	(3.2)	19.0	(0.9)	**555**	(3.9)	**501**	(3.4)
	Canada	23.6	(0.5)	**561**	(2.8)	**529**	(2.0)	24.5	(0.8)	**565**	(3.2)	**531**	(2.6)	22.7	(0.6)	**558**	(3.8)	**527**	(2.1)
	Czech Republic	17.6	(0.6)	**553**	(5.5)	**506**	(3.3)	17.8	(0.8)	**545**	(7.1)	**510**	(4.2)	17.3	(0.9)	**563**	(7.0)	**501**	(4.7)
	Denmark	20.5	(0.9)	**533**	(4.0)	**489**	(3.0)	20.7	(1.1)	**532**	(5.7)	**496**	(3.5)	20.2	(1.0)	**533**	(4.1)	**483**	(3.4)
	Finland	25.4	(0.7)	**586**	(2.8)	**557**	(2.2)	25.1	(0.8)	**583**	(4.1)	**556**	(2.8)	25.6	(1.0)	**589**	(3.4)	**558**	(2.6)
	France	18.9	(0.9)	**550**	(4.3)	**487**	(3.3)	19.4	(1.2)	**552**	(6.0)	**488**	(4.3)	18.4	(1.0)	**548**	(5.0)	**485**	(3.5)
	Germany	20.0	(0.8)	**568**	(3.6)	**509**	(3.5)	20.5	(1.1)	**568**	(4.9)	**514**	(4.4)	19.6	(1.0)	**567**	(4.2)	**504**	(3.7)
	Greece	12.1	(0.7)	**519**	(3.9)	**469**	(3.1)	11.6	(0.7)	**515**	(6.0)	**464**	(4.3)	12.7	(0.9)	**522**	(5.2)	**473**	(3.4)
	Hungary	15.9	(0.7)	**539**	(4.6)	**498**	(2.5)	15.6	(0.8)	**547**	(5.5)	**501**	(3.3)	16.2	(1.0)	**531**	(6.6)	**495**	(3.5)
	Iceland	24.7	(0.8)	**520**	(3.8)	**484**	(1.8)	25.7	(1.1)	**521**	(5.0)	**480**	(2.6)	23.6	(1.0)	**519**	(4.9)	**488**	(2.6)
	Ireland	17.3	(0.8)	**542**	(4.6)	**504**	(3.0)	17.9	(1.0)	**538**	(6.7)	**505**	(4.1)	16.7	(1.1)	**546**	(5.4)	**504**	(3.2)
	Italy	14.0	(0.4)	**511**	(3.2)	**470**	(2.0)	14.8	(0.6)	**512**	(4.5)	**472**	(2.9)	13.2	(0.5)	**511**	(4.5)	**469**	(2.5)
	Japan	8.5	(0.4)	540	(7.1)	534	(3.3)	8.2	(0.6)	547	(8.3)	538	(4.7)	8.7	(0.7)	533	(9.6)	531	(5.2)
	Korea	10.9	(0.6)	**535**	(6.8)	**521**	(3.2)	10.5	(0.8)	**535**	(9.6)	**520**	(4.6)	11.2	(0.8)	**535**	(7.0)	**522**	(3.9)
	Luxembourg	15.1	(0.5)	**538**	(3.3)	**478**	(1.1)	15.7	(0.7)	**541**	(4.8)	**483**	(1.9)	14.5	(0.7)	**535**	(4.6)	**474**	(1.9)
	Mexico	9.2	(0.5)	**458**	(4.5)	**406**	(2.5)	9.1	(0.5)	**461**	(5.4)	**410**	(3.0)	9.3	(0.8)	**455**	(5.3)	**403**	(2.5)
	Netherlands	28.1	(0.8)	**557**	(2.8)	**515**	(3.4)	27.2	(1.1)	**561**	(4.0)	**519**	(3.6)	29.0	(1.0)	**553**	(3.6)	**511**	(3.8)
	New Zealand	21.3	(0.7)	**570**	(4.2)	**525**	(2.8)	21.6	(0.9)	**563**	(6.4)	**525**	(4.0)	21.1	(1.1)	**577**	(5.3)	**524**	(3.6)
	Norway	34.4	(0.9)	**506**	(3.1)	**482**	(3.0)	34.3	(1.2)	**508**	(3.9)	**481**	(4.0)	34.4	(1.3)	**504**	(4.1)	**483**	(3.2)
	Poland	18.8	(0.7)	**527**	(3.7)	**492**	(2.5)	19.0	(0.9)	**526**	(4.5)	**494**	(2.9)	18.7	(0.9)	**528**	(5.3)	**489**	(2.7)
	Portugal	9.7	(0.6)	**534**	(5.0)	**469**	(3.0)	10.7	(0.9)	**535**	(7.4)	**471**	(3.6)	8.9	(0.6)	**533**	(5.7)	**466**	(3.2)
	Slovak Republic	15.4	(0.6)	**532**	(4.1)	**481**	(2.5)	16.7	(1.0)	**540**	(5.4)	**483**	(3.8)	14.1	(0.8)	**522**	(5.8)	**480**	(3.1)
	Spain	11.8	(0.6)	**533**	(4.0)	**483**	(2.5)	11.5	(0.5)	**539**	(5.5)	**485**	(3.0)	12.0	(0.8)	**528**	(4.5)	**482**	(2.6)
	Sweden	24.1	(0.7)	**533**	(4.4)	**497**	(2.3)	25.5	(0.9)	**531**	(5.0)	**498**	(2.7)	22.7	(1.0)	**535**	(5.4)	**495**	(3.0)
	Switzerland	25.5	(0.7)	**546**	(3.7)	**500**	(3.1)	25.0	(0.9)	**548**	(4.3)	**504**	(3.3)	26.0	(0.9)	**545**	(4.2)	**496**	(3.7)
	Turkey	4.8	(0.5)	**495**	(12.4)	**421**	(3.4)	4.6	(0.7)	**501**	(14.6)	**415**	(4.1)	5.0	(0.6)	**488**	(13.3)	**428**	(3.8)
	United Kingdom	19.9	(0.5)	**555**	(3.4)	**509**	(2.4)	19.6	(0.7)	**563**	(4.8)	**515**	(3.0)	20.1	(0.7)	**548**	(4.6)	**504**	(2.9)
	United States	22.1	(0.8)	**527**	(5.0)	**484**	(4.0)	22.3	(1.3)	**527**	(6.8)	**485**	(5.0)	22.0	(1.0)	**527**	(5.5)	**482**	(3.8)
	OECD total	17.0	(0.2)	**535**	(1.8)	**485**	(1.1)	17.1	(0.4)	**536**	(2.5)	**487**	(1.4)	16.9	(0.3)	**533**	(2.2)	**483**	(1.2)
	OECD average	18.3	(0.1)	**538**	(0.9)	**494**	(0.5)	18.5	(0.2)	**539**	(1.1)	**496**	(0.7)	18.1	(0.2)	**536**	(1.0)	**493**	(0.6)
Partners	Argentina	11.9	(1.2)	**433**	(12.1)	**389**	(5.9)	11.5	(1.3)	**429**	(15.1)	**383**	(6.3)	12.3	(1.4)	**437**	(11.5)	**395**	(6.7)
	Azerbaijan	16.0	(0.7)	**400**	(3.5)	**380**	(2.8)	15.0	(0.9)	**396**	(4.7)	**377**	(3.2)	17.2	(0.8)	**404**	(3.7)	**383**	(2.8)
	Brazil	7.8	(0.4)	**442**	(6.5)	**388**	(2.7)	8.4	(0.6)	**448**	(9.4)	**393**	(3.0)	7.3	(0.5)	**436**	(7.1)	**383**	(2.9)
	Bulgaria	18.5	(1.0)	**490**	(8.3)	**427**	(5.5)	17.1	(1.2)	**483**	(9.6)	**421**	(6.2)	19.9	(1.2)	**496**	(9.0)	**433**	(6.4)
	Chile	8.5	(0.6)	**506**	(5.9)	**432**	(4.2)	8.6	(0.8)	**513**	(9.6)	**443**	(5.2)	8.4	(0.9)	**497**	(9.7)	**420**	(4.1)
	Colombia	8.6	(0.7)	**418**	(8.7)	**386**	(3.6)	7.8	(1.0)	420	(15.4)	391	(4.3)	9.2	(1.0)	**417**	(8.4)	**381**	(4.2)
	Croatia	17.9	(0.6)	**525**	(3.4)	**487**	(2.5)	16.7	(0.8)	**524**	(4.9)	**487**	(3.3)	19.0	(0.7)	**527**	(4.3)	**488**	(3.2)
	Estonia	12.8	(0.6)	**552**	(4.1)	**529**	(2.5)	13.2	(1.0)	**550**	(5.9)	**528**	(3.1)	12.5	(0.6)	**553**	(4.4)	**531**	(3.0)
	Hong Kong-China	5.8	(0.4)	**573**	(7.0)	**542**	(2.4)	5.0	(0.6)	**584**	(9.3)	**546**	(3.3)	6.5	(0.6)	**566**	(9.5)	**538**	(3.3)
	Indonesia	1.8	(0.2)	c	c	**394**	(5.9)	1.9	(0.4)	c	c	**399**	(8.5)	1.8	(0.3)	c	c	**387**	(3.8)
	Israel	17.4	(0.7)	**505**	(5.7)	**452**	(3.7)	18.0	(1.0)	**517**	(7.2)	**456**	(5.5)	16.8	(0.9)	**492**	(7.3)	**449**	(4.4)
	Jordan	11.7	(0.7)	**466**	(5.8)	**420**	(2.6)	12.6	(1.1)	**457**	(8.8)	**406**	(4.0)	10.8	(0.9)	**475**	(6.0)	**432**	(3.2)
	Kyrgyzstan	15.5	(0.7)	**344**	(4.7)	**320**	(2.9)	15.3	(0.9)	**349**	(6.4)	**317**	(3.4)	15.7	(0.9)	**340**	(5.0)	**323**	(3.1)
	Latvia	14.3	(0.6)	**514**	(5.1)	**488**	(2.8)	14.0	(0.7)	**513**	(5.5)	**484**	(3.4)	14.7	(0.7)	**516**	(7.2)	**491**	(3.1)
	Liechtenstein	25.1	(2.3)	**558**	(8.5)	**511**	(5.3)	26.7	(3.7)	**548**	(12.7)	**504**	(9.2)	23.6	(2.6)	**568**	(11.8)	**516**	(7.8)
	Lithuania	13.4	(0.6)	**525**	(4.9)	**484**	(2.7)	12.8	(0.8)	**523**	(7.0)	**480**	(2.9)	14.0	(0.9)	**527**	(5.5)	**489**	(3.2)
	Macao-China	3.6	(0.3)	523	(7.8)	511	(1.1)	3.6	(0.5)	514	(12.3)	514	(1.9)	3.6	(0.4)	**532**	(8.3)	**508**	(1.7)
	Montenegro	14.4	(0.6)	**437**	(3.5)	**410**	(1.2)	14.9	(0.9)	**432**	(4.9)	**410**	(2.0)	13.8	(0.9)	**443**	(5.3)	**410**	(1.9)
	Qatar	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Romania	7.8	(0.9)	**476**	(8.8)	**414**	(4.1)	8.8	(0.9)	**476**	(10.5)	**412**	(4.1)	6.8	(1.1)	**476**	(10.3)	**416**	(4.7)
	Russian Federation	15.6	(0.5)	**505**	(5.3)	**476**	(3.6)	15.8	(0.7)	**503**	(6.7)	**479**	(4.0)	15.5	(0.9)	**506**	(5.2)	**473**	(3.9)
	Serbia	20.2	(0.8)	**470**	(3.5)	**428**	(3.2)	19.2	(0.9)	**471**	(4.8)	**425**	(3.5)	21.2	(1.2)	**469**	(4.3)	**431**	(4.1)
	Slovenia	24.4	(0.6)	**555**	(3.2)	**509**	(1.4)	22.6	(0.9)	**549**	(5.6)	**507**	(2.2)	26.2	(0.9)	**560**	(4.2)	**511**	(2.4)
	Chinese Taipei	10.9	(0.4)	**556**	(5.0)	**534**	(3.5)	10.9	(0.5)	**559**	(5.7)	**538**	(4.3)	10.9	(0.5)	**553**	(7.3)	**529**	(5.0)
	Thailand	3.0	(0.3)	**495**	(9.9)	**421**	(2.0)	2.7	(0.5)	c	c	**413**	(3.3)	3.3	(0.4)	**500**	(8.8)	**427**	(2.3)
	Tunisia	9.9	(0.9)	**428**	(8.7)	**382**	(2.4)	9.5	(0.9)	**415**	(10.3)	**382**	(2.8)	10.3	(1.2)	**439**	(10.6)	**382**	(2.8)
	Uruguay	13.3	(0.6)	**473**	(4.2)	**423**	(3.0)	13.6	(0.8)	**474**	(6.2)	**422**	(4.4)	13.0	(0.8)	**472**	(5.5)	**424**	(3.1)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. See Annex A10 for the list of PISA science-related careers.
2. Results based on students' self-reports.
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[Part 1/1]

Table 3.14 Percentage of students expecting a science-related career[1] at age 30 with or without at least one parent in a science-related career and performance on the science scale[2]

Tableau 3.14 Pourcentage d'élèves envisageant d'exercer une profession à caractère scientifique à l'âge de 30 ans, ayant ou non au moins un parent qui exerce une profession scientifique, et scores sur l'échelle de culture scientifique

		Students expecting a science career with at least one parent in a science-related career				Students expecting a science career without a parent in a science-related career				Students not expecting a science career with at least one parent in a science-related career				Students not expecting a science career without a parent in a science-related career			
		%	S.E.	Mean score	S.E.	%	S.E.	Mean score	S.E.	%	S.E.	Mean score	S.E.	%	S.E.	Mean score	S.E.
OECD	Australia	8.0	(0.27)	586	(3.91)	20.0	(0.49)	564	(3.00)	14.9	(0.41)	539	(3.25)	57.2	(0.69)	507	(2.17)
	Austria	4.9	(0.43)	558	(7.58)	15.1	(0.90)	537	(6.66)	11.9	(0.48)	544	(4.39)	68.1	(1.12)	497	(4.05)
	Belgium	7.5	(0.37)	583	(4.53)	19.7	(0.63)	545	(3.27)	12.1	(0.42)	538	(3.61)	60.7	(0.74)	490	(2.80)
	Canada	10.4	(0.34)	582	(4.03)	27.0	(0.55)	554	(2.16)	13.2	(0.44)	546	(3.34)	49.4	(0.65)	516	(2.36)
	Czech Republic	4.6	(0.35)	587	(5.51)	13.1	(0.72)	565	(4.99)	13.1	(0.55)	541	(6.72)	69.3	(0.92)	496	(3.21)
	Denmark	6.5	(0.43)	556	(5.09)	15.8	(0.60)	521	(4.11)	14.0	(0.69)	522	(4.62)	63.7	(0.91)	482	(3.13)
	Finland	6.1	(0.36)	606	(5.20)	12.1	(0.53)	589	(4.57)	19.2	(0.62)	580	(3.26)	62.6	(0.79)	551	(2.26)
	France	7.2	(0.48)	574	(5.28)	21.2	(0.73)	517	(4.95)	11.8	(0.62)	535	(5.19)	59.8	(1.06)	478	(3.41)
	Germany	5.7	(0.36)	594	(5.52)	13.1	(0.51)	553	(4.60)	14.4	(0.65)	560	(4.13)	66.8	(0.91)	502	(3.55)
	Greece	5.0	(0.41)	537	(5.07)	20.2	(0.60)	509	(3.64)	7.2	(0.43)	507	(5.91)	67.6	(0.93)	457	(3.29)
	Hungary	4.6	(0.41)	579	(7.01)	12.3	(0.76)	548	(4.55)	11.4	(0.56)	523	(4.72)	71.8	(1.04)	490	(2.63)
	Iceland	10.3	(0.51)	540	(5.16)	22.1	(0.63)	519	(3.55)	14.3	(0.58)	508	(4.55)	53.3	(0.92)	472	(1.92)
	Ireland	6.7	(0.50)	565	(6.95)	22.8	(0.73)	541	(3.63)	10.6	(0.52)	528	(5.38)	59.9	(1.01)	491	(3.27)
	Italy	6.3	(0.32)	525	(4.27)	25.4	(0.83)	501	(3.19)	7.7	(0.28)	501	(3.82)	60.6	(0.92)	458	(2.16)
	Japan	1.8	(0.34)	c	c	6.4	(0.70)	570	(11.55)	6.7	(0.31)	535	(6.16)	85.1	(1.01)	532	(3.29)
	Korea	2.5	(0.23)	c	c	16.0	(0.59)	548	(4.41)	8.4	(0.51)	526	(7.72)	73.1	(0.82)	515	(3.33)
	Luxembourg	4.8	(0.31)	559	(5.01)	19.6	(0.63)	508	(3.29)	10.3	(0.38)	529	(4.25)	65.3	(0.70)	470	(1.26)
	Mexico	4.4	(0.31)	467	(5.38)	30.4	(0.79)	427	(2.69)	4.8	(0.33)	450	(5.60)	60.3	(0.93)	397	(2.68)
	Netherlands	7.7	(0.40)	575	(4.81)	15.3	(0.59)	547	(5.11)	20.4	(0.72)	550	(3.23)	56.7	(0.77)	508	(3.46)
	New Zealand	7.0	(0.42)	601	(6.50)	17.4	(0.59)	567	(3.48)	14.3	(0.54)	555	(5.13)	61.2	(0.80)	513	(2.98)
	Norway	10.0	(0.45)	533	(4.39)	15.3	(0.53)	516	(4.29)	24.6	(0.80)	497	(3.49)	50.2	(0.84)	475	(3.08)
	Poland	7.4	(0.41)	551	(4.38)	24.0	(0.62)	524	(3.00)	11.4	(0.53)	512	(4.60)	57.2	(0.85)	478	(2.75)
	Portugal	5.1	(0.37)	548	(6.05)	33.9	(0.80)	502	(2.51)	4.7	(0.41)	519	(6.97)	56.4	(0.94)	449	(3.47)
	Slovak Republic	4.5	(0.38)	564	(5.33)	15.3	(0.90)	527	(4.20)	11.0	(0.52)	519	(5.10)	69.1	(1.23)	472	(2.63)
	Spain	5.0	(0.43)	554	(4.91)	22.8	(0.63)	527	(2.59)	6.8	(0.38)	518	(4.90)	65.4	(0.93)	469	(2.49)
	Sweden	6.7	(0.42)	556	(6.16)	15.7	(0.59)	520	(3.81)	17.4	(0.61)	524	(4.74)	60.2	(0.80)	491	(2.46)
	Switzerland	7.6	(0.39)	571	(5.37)	14.4	(0.34)	529	(4.18)	18.0	(0.53)	536	(3.71)	60.1	(0.67)	494	(3.17)
	Turkey	2.3	(0.37)	c	c	21.9	(1.04)	468	(6.52)	2.5	(0.32)	c	c	73.3	(1.37)	408	(2.48)
	United Kingdom	6.7	(0.42)	582	(5.17)	18.2	(0.65)	549	(4.39)	13.1	(0.37)	543	(3.97)	61.9	(0.71)	499	(2.50)
	United States	10.3	(0.58)	547	(5.80)	28.8	(0.75)	502	(4.22)	11.9	(0.56)	511	(5.77)	49.1	(0.77)	474	(4.37)
	OECD total	6.6	(0.17)	553	(2.37)	22.0	(0.27)	506	(1.66)	10.4	(0.15)	523	(2.08)	61.0	(0.28)	478	(1.07)
	OECD average	6.3	(0.07)	561	(1.25)	19.2	(0.12)	530	(0.83)	12.1	(0.09)	525	(0.99)	62.5	(0.17)	484	(0.54)
Partners	Argentina	4.9	(0.70)	460	(8.84)	26.5	(1.12)	422	(5.27)	7.1	(0.75)	419	(15.18)	61.5	(1.43)	381	(5.90)
	Azerbaijan	4.5	(0.35)	417	(4.86)	14.1	(0.81)	394	(3.75)	12.0	(0.66)	395	(4.01)	69.5	(0.89)	378	(2.94)
	Brazil	3.6	(0.25)	452	(7.90)	32.4	(0.90)	405	(3.70)	4.3	(0.32)	434	(8.04)	59.6	(0.91)	380	(2.68)
	Bulgaria	4.8	(0.38)	495	(13.91)	19.4	(0.60)	441	(6.93)	13.7	(0.77)	489	(7.56)	62.1	(1.06)	424	(5.48)
	Chile	5.0	(0.41)	512	(6.87)	35.4	(1.15)	462	(4.54)	3.6	(0.35)	496	(9.43)	56.0	(1.27)	416	(4.20)
	Colombia	3.8	(0.38)	433	(7.99)	44.1	(0.87)	400	(3.45)	4.8	(0.65)	407	(11.01)	47.3	(0.94)	374	(4.00)
	Croatia	4.3	(0.37)	547	(5.45)	13.0	(1.10)	526	(4.46)	13.6	(0.48)	519	(3.67)	69.1	(1.34)	480	(2.53)
	Estonia	3.4	(0.28)	586	(5.90)	17.6	(0.65)	557	(3.80)	9.4	(0.52)	540	(4.51)	69.5	(0.74)	522	(2.63)
	Hong Kong-China	1.8	(0.23)	c	c	19.4	(0.68)	585	(3.65)	4.0	(0.31)	560	(7.52)	74.9	(0.82)	531	(2.52)
	Indonesia	0.6	(0.13)	c	c	23.4	(2.04)	413	(12.08)	1.2	(0.19)	c	c	74.8	(2.03)	388	(4.01)
	Israel	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Jordan	6.4	(0.44)	484	(6.71)	33.3	(0.89)	455	(3.28)	5.3	(0.47)	444	(6.78)	55.0	(1.10)	399	(2.41)
	Kyrgyzstan	4.1	(0.37)	358	(8.50)	17.7	(0.71)	331	(4.07)	11.7	(0.56)	343	(5.40)	66.6	(0.86)	321	(2.94)
	Latvia	3.8	(0.28)	540	(7.58)	15.6	(0.54)	521	(4.48)	10.5	(0.49)	505	(6.13)	70.1	(0.74)	480	(2.74)
	Liechtenstein	8.1	(1.49)	583	(17.87)	11.3	(1.71)	525	(17.31)	17.0	(2.03)	546	(11.41)	63.7	(2.19)	508	(6.09)
	Lithuania	4.6	(0.32)	550	(6.37)	16.8	(0.57)	520	(3.58)	8.8	(0.52)	512	(6.40)	69.8	(0.75)	476	(2.70)
	Macao-China	0.9	(0.13)	c	c	16.9	(0.50)	544	(2.82)	2.7	(0.30)	c	c	79.5	(0.57)	504	(1.17)
	Montenegro	2.6	(0.26)	c	c	13.9	(0.57)	432	(3.69)	11.7	(0.53)	434	(3.91)	71.8	(0.73)	406	(1.39)
	Qatar	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Romania	3.3	(0.67)	502	(8.53)	18.7	(1.02)	449	(4.88)	4.5	(0.50)	458	(10.51)	73.5	(1.57)	405	(4.71)
	Russian Federation	4.1	(0.35)	515	(8.02)	16.8	(0.65)	499	(4.54)	11.5	(0.44)	501	(5.66)	67.5	(0.81)	470	(3.66)
	Serbia	5.8	(0.58)	488	(5.26)	17.2	(1.28)	464	(4.83)	14.4	(0.65)	463	(3.94)	62.6	(1.64)	419	(3.10)
	Slovenia	9.2	(0.48)	577	(5.78)	22.4	(0.60)	536	(2.72)	15.3	(0.60)	541	(4.34)	53.1	(0.78)	498	(1.70)
	Chinese Taipei	3.3	(0.25)	573	(9.24)	20.2	(1.01)	562	(6.01)	7.7	(0.28)	549	(5.09)	68.9	(1.06)	526	(3.76)
	Thailand	1.7	(0.25)	c	c	24.7	(0.59)	464	(2.93)	1.4	(0.22)	c	c	72.3	(0.74)	407	(1.98)
	Tunisia	5.3	(0.59)	468	(9.24)	29.8	(0.74)	419	(4.25)	4.6	(0.43)	389	(10.16)	60.4	(1.16)	366	(2.06)
	Uruguay	6.6	(0.50)	482	(6.88)	26.3	(0.93)	450	(4.59)	6.8	(0.48)	468	(5.35)	60.3	(1.23)	415	(3.07)

1. See Annex A10 for the list of PISA science-related careers.
2. Results based on students' self-reports.

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[Part 1/2]

Table 3.15 Index of students' science-related activities and performance on the science scale, by quarters of the index[1]

Tableau 3.15 Indice de participation à des activités scientifiques et scores sur l'échelle de culture scientifique, par quartile de l'indice

		Index of students' science-related activities															
		All students		Males		Females		Gender difference (M - F)		Bottom quarter		Second quarter		Third quarter		Top quarter	
		Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD	Australia	-0.29	(0.01)	-0.20	(0.02)	-0.39	(0.02)	**0.19**	(0.03)	-1.59	(0.01)	-0.61	(0.00)	0.09	(0.01)	0.95	(0.01)
	Austria	0.01	(0.02)	0.05	(0.02)	-0.02	(0.03)	**0.07**	(0.03)	-1.29	(0.01)	-0.21	(0.01)	0.41	(0.01)	1.15	(0.01)
	Belgium	0.01	(0.01)	0.07	(0.02)	-0.05	(0.02)	**0.12**	(0.03)	-1.30	(0.01)	-0.21	(0.01)	0.41	(0.00)	1.14	(0.01)
	Canada	-0.15	(0.01)	-0.05	(0.02)	-0.25	(0.02)	**0.19**	(0.03)	-1.47	(0.01)	-0.50	(0.01)	0.28	(0.00)	1.08	(0.01)
	Czech Republic	0.05	(0.02)	-0.02	(0.02)	0.14	(0.02)	**-0.16**	(0.03)	-1.09	(0.02)	-0.15	(0.01)	0.36	(0.01)	1.10	(0.01)
	Denmark	-0.15	(0.02)	-0.11	(0.03)	-0.19	(0.02)	**0.08**	(0.03)	-1.41	(0.01)	-0.50	(0.01)	0.23	(0.01)	1.07	(0.01)
	Finland	-0.16	(0.01)	-0.18	(0.02)	-0.15	(0.02)	-0.03	(0.03)	-1.23	(0.01)	-0.46	(0.01)	0.13	(0.01)	0.91	(0.01)
	France	-0.01	(0.02)	0.07	(0.03)	-0.08	(0.02)	**0.15**	(0.03)	-1.28	(0.01)	-0.24	(0.01)	0.38	(0.01)	1.12	(0.01)
	Germany	0.11	(0.02)	0.16	(0.02)	0.06	(0.02)	**0.09**	(0.03)	-1.16	(0.02)	-0.10	(0.01)	0.50	(0.01)	1.21	(0.01)
	Greece	0.28	(0.02)	0.35	(0.03)	0.20	(0.03)	**0.16**	(0.04)	-1.15	(0.02)	-0.01	(0.01)	0.74	(0.01)	1.53	(0.02)
	Hungary	0.32	(0.02)	0.33	(0.02)	0.31	(0.02)	0.02	(0.03)	-0.83	(0.02)	0.08	(0.01)	0.69	(0.01)	1.36	(0.01)
	Iceland	-0.21	(0.02)	0.06	(0.02)	-0.49	(0.02)	**0.55**	(0.03)	-1.63	(0.01)	-0.57	(0.01)	0.23	(0.01)	1.12	(0.01)
	Ireland	-0.43	(0.02)	-0.34	(0.03)	-0.52	(0.03)	**0.17**	(0.04)	-1.69	(0.00)	-0.86	(0.01)	-0.09	(0.01)	0.91	(0.01)
	Italy	0.26	(0.01)	0.35	(0.02)	0.17	(0.02)	**0.18**	(0.03)	-0.93	(0.01)	0.04	(0.00)	0.64	(0.00)	1.30	(0.01)
	Japan	-0.62	(0.02)	-0.45	(0.02)	-0.80	(0.02)	**0.35**	(0.03)	-1.69	(0.00)	-1.09	(0.01)	-0.37	(0.01)	0.66	(0.01)
	Korea	-0.19	(0.02)	-0.04	(0.03)	-0.33	(0.03)	**0.29**	(0.04)	-1.50	(0.01)	-0.51	(0.01)	0.23	(0.01)	1.04	(0.01)
	Luxembourg	0.10	(0.01)	0.16	(0.02)	0.05	(0.02)	**0.11**	(0.03)	-1.24	(0.01)	-0.12	(0.01)	0.53	(0.01)	1.25	(0.01)
	Mexico	0.73	(0.02)	0.77	(0.02)	0.70	(0.02)	**0.07**	(0.02)	-0.41	(0.01)	0.56	(0.00)	1.06	(0.00)	1.72	(0.02)
	Netherlands	-0.26	(0.02)	-0.09	(0.02)	-0.44	(0.03)	**0.35**	(0.03)	-1.59	(0.01)	-0.61	(0.01)	0.11	(0.01)	1.03	(0.02)
	New Zealand	-0.26	(0.02)	-0.19	(0.02)	-0.33	(0.02)	**0.14**	(0.03)	-1.54	(0.01)	-0.57	(0.01)	0.12	(0.01)	0.95	(0.01)
	Norway	-0.11	(0.02)	0.05	(0.02)	-0.27	(0.03)	**0.32**	(0.03)	-1.44	(0.01)	-0.46	(0.01)	0.30	(0.01)	1.17	(0.01)
	Poland	0.64	(0.01)	0.62	(0.02)	0.67	(0.02)	**-0.05**	(0.02)	-0.41	(0.02)	0.47	(0.01)	0.96	(0.00)	1.55	(0.01)
	Portugal	0.45	(0.02)	0.48	(0.02)	0.42	(0.02)	**0.06**	(0.03)	-0.78	(0.02)	0.29	(0.01)	0.84	(0.00)	1.46	(0.01)
	Slovak Republic	0.23	(0.02)	0.26	(0.03)	0.20	(0.02)	**0.06**	(0.03)	-0.81	(0.02)	0.00	(0.01)	0.53	(0.00)	1.20	(0.01)
	Spain	-0.15	(0.02)	-0.07	(0.02)	-0.22	(0.02)	**0.14**	(0.03)	-1.48	(0.01)	-0.45	(0.01)	0.27	(0.00)	1.08	(0.01)
	Sweden	-0.41	(0.02)	-0.31	(0.04)	-0.52	(0.03)	**0.21**	(0.04)	-1.68	(0.00)	-0.70	(0.01)	-0.09	(0.01)	0.83	(0.01)
	Switzerland	0.03	(0.02)	0.09	(0.02)	-0.04	(0.02)	**0.13**	(0.02)	-1.26	(0.01)	-0.18	(0.00)	0.39	(0.01)	1.16	(0.01)
	Turkey	0.57	(0.02)	0.63	(0.03)	0.49	(0.03)	**0.14**	(0.03)	-0.66	(0.03)	0.39	(0.01)	0.93	(0.00)	1.62	(0.01)
	United Kingdom	-0.35	(0.02)	-0.25	(0.03)	-0.45	(0.02)	**0.20**	(0.03)	-1.66	(0.00)	-0.67	(0.01)	0.02	(0.01)	0.90	(0.01)
	United States	-0.09	(0.02)	0.04	(0.02)	-0.21	(0.02)	**0.25**	(0.03)	-1.42	(0.01)	-0.40	(0.01)	0.33	(0.01)	1.13	(0.01)
	OECD total	0.02	(0.01)	0.11	(0.01)	-0.07	(0.01)	**0.18**	(0.01)	-1.36	(0.00)	-0.27	(0.00)	0.44	(0.00)	1.26	(0.00)
	OECD average	0.00	(0.00)	0.07	(0.00)	-0.08	(0.00)	**0.15**	(0.01)	-1.25	(0.00)	-0.28	(0.00)	0.37	(0.00)	1.16	(0.00)
Partners	Argentina	0.43	(0.03)	0.47	(0.03)	0.40	(0.03)	**0.07**	(0.03)	-0.85	(0.02)	0.18	(0.01)	0.81	(0.01)	1.60	(0.02)
	Azerbaijan	1.22	(0.02)	1.29	(0.02)	1.15	(0.02)	**0.15**	(0.02)	0.23	(0.02)	1.04	(0.00)	1.47	(0.00)	2.14	(0.02)
	Brazil	0.53	(0.02)	0.56	(0.02)	0.51	(0.02)	0.05	(0.03)	-0.80	(0.02)	0.29	(0.01)	0.94	(0.01)	1.69	(0.01)
	Bulgaria	0.78	(0.02)	0.79	(0.03)	0.76	(0.02)	0.02	(0.03)	-0.30	(0.02)	0.63	(0.01)	1.06	(0.00)	1.71	(0.01)
	Chile	0.49	(0.02)	0.54	(0.02)	0.43	(0.03)	**0.11**	(0.03)	-0.78	(0.02)	0.26	(0.01)	0.87	(0.01)	1.60	(0.02)
	Colombia	1.00	(0.02)	1.02	(0.02)	0.98	(0.03)	0.04	(0.03)	-0.04	(0.01)	0.84	(0.01)	1.30	(0.01)	1.89	(0.01)
	Croatia	0.36	(0.01)	0.36	(0.02)	0.36	(0.02)	0.00	(0.03)	-0.78	(0.02)	0.18	(0.01)	0.71	(0.00)	1.33	(0.01)
	Estonia	0.40	(0.01)	0.37	(0.02)	0.43	(0.02)	**-0.06**	(0.03)	-0.69	(0.01)	0.23	(0.00)	0.74	(0.00)	1.30	(0.01)
	Hong Kong-China	0.26	(0.02)	0.39	(0.02)	0.13	(0.02)	**0.26**	(0.03)	-1.12	(0.01)	0.07	(0.01)	0.72	(0.00)	1.36	(0.01)
	Indonesia	0.57	(0.02)	0.57	(0.02)	0.57	(0.02)	-0.01	(0.03)	-0.30	(0.03)	0.38	(0.01)	0.80	(0.00)	1.39	(0.01)
	Israel	0.12	(0.02)	0.18	(0.04)	0.07	(0.03)	**0.10**	(0.05)	-1.47	(0.01)	-0.31	(0.01)	0.64	(0.01)	1.64	(0.02)
	Jordan	0.97	(0.02)	1.04	(0.03)	0.90	(0.03)	**0.14**	(0.04)	-0.24	(0.02)	0.84	(0.00)	1.34	(0.00)	1.94	(0.01)
	Kyrgyzstan	1.33	(0.02)	1.34	(0.02)	1.33	(0.02)	0.01	(0.02)	0.39	(0.01)	1.18	(0.00)	1.59	(0.00)	2.17	(0.01)
	Latvia	0.25	(0.02)	0.24	(0.03)	0.25	(0.02)	-0.01	(0.03)	-0.81	(0.02)	0.03	(0.01)	0.59	(0.01)	1.18	(0.02)
	Liechtenstein	-0.12	(0.05)	-0.01	(0.09)	-0.21	(0.06)	0.20	(0.11)	-1.40	(0.04)	-0.34	(0.02)	0.24	(0.02)	1.04	(0.05)
	Lithuania	0.26	(0.02)	0.22	(0.02)	0.30	(0.02)	**-0.08**	(0.03)	-0.81	(0.01)	0.00	(0.01)	0.60	(0.00)	1.24	(0.01)
	Macao-China	0.27	(0.01)	0.38	(0.02)	0.16	(0.02)	**0.23**	(0.03)	-0.87	(0.02)	0.03	(0.01)	0.63	(0.01)	1.29	(0.01)
	Montenegro	0.75	(0.01)	0.76	(0.02)	0.74	(0.02)	0.01	(0.03)	-0.38	(0.02)	0.60	(0.01)	1.07	(0.00)	1.71	(0.01)
	Qatar	0.64	(0.01)	0.81	(0.02)	0.47	(0.02)	**0.35**	(0.03)	-0.87	(0.02)	0.41	(0.01)	1.09	(0.00)	1.92	(0.02)
	Romania	0.64	(0.02)	0.66	(0.02)	0.62	(0.02)	0.05	(0.03)	-0.38	(0.02)	0.48	(0.01)	0.92	(0.01)	1.53	(0.02)
	Russian Federation	0.56	(0.03)	0.57	(0.02)	0.55	(0.03)	0.02	(0.03)	-0.48	(0.02)	0.38	(0.01)	0.85	(0.00)	1.49	(0.03)
	Serbia	0.54	(0.02)	0.56	(0.02)	0.52	(0.02)	0.04	(0.02)	-0.55	(0.01)	0.34	(0.01)	0.86	(0.00)	1.51	(0.01)
	Slovenia	0.43	(0.01)	0.45	(0.02)	0.42	(0.02)	0.04	(0.03)	-0.82	(0.02)	0.27	(0.01)	0.84	(0.00)	1.44	(0.01)
	Chinese Taipei	0.40	(0.01)	0.51	(0.02)	0.27	(0.02)	**0.24**	(0.02)	-0.87	(0.01)	0.29	(0.00)	0.81	(0.00)	1.36	(0.01)
	Thailand	1.10	(0.01)	1.07	(0.02)	1.13	(0.01)	**-0.06**	(0.02)	0.35	(0.01)	0.98	(0.00)	1.29	(0.00)	1.79	(0.01)
	Tunisia	1.11	(0.01)	1.15	(0.02)	1.08	(0.01)	**0.07**	(0.02)	0.16	(0.02)	1.02	(0.00)	1.40	(0.00)	1.87	(0.01)
	Uruguay	0.15	(0.02)	0.18	(0.02)	0.12	(0.02)	**0.05**	(0.03)	-1.11	(0.02)	-0.12	(0.01)	0.51	(0.01)	1.32	(0.01)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
StatLink http://dx.doi.org/10.1787/142102278412

Pour consulter la version française intégrale de ce tableau, suivre ce lien :
StatLink http://dx.doi.org/10.1787/152630454851



[Part 2/2]

Table 3.15 Index of students' science-related activities and performance on the science scale, by quarters of the index[1]

Tableau 3.15 Indice de participation à des activités scientifiques et scores sur l'échelle de culture scientifique, par quartile de l'indice

		Performance on the science scale, by quarters of this index								Change in the science score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the science performance distribution		Explained variance in student performance (r-squared x 100)	
		Bottom quarter		Second quarter		Third quarter		Top quarter							
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E	Effect	S.E.	Ratio	S.E.	Percentage	S.E.
OECD	Australia	**489**	(2.4)	518	(2.8)	539	(3.2)	**564**	(3.3)	**28.6**	(1.25)	**1.7**	(0.07)	7.8	(0.65)
	Austria	**479**	(4.4)	513	(4.0)	524	(5.2)	**529**	(5.9)	**20.3**	(2.38)	**1.7**	(0.14)	3.9	(0.95)
	Belgium	**477**	(3.4)	509	(3.1)	527	(3.1)	**531**	(4.4)	**22.1**	(1.82)	**1.7**	(0.09)	4.5	(0.74)
	Canada	**506**	(2.8)	529	(2.7)	549	(2.6)	**561**	(3.2)	**21.1**	(1.33)	**1.7**	(0.10)	5.1	(0.63)
	Czech Republic	**491**	(4.9)	514	(4.2)	524	(4.3)	**521**	(5.7)	**11.6**	(2.76)	**1.4**	(0.09)	1.0	(0.52)
	Denmark	**461**	(4.1)	486	(3.7)	511	(3.8)	**527**	(4.6)	**25.8**	(1.72)	**1.8**	(0.12)	7.3	(0.92)
	Finland	**532**	(3.1)	560	(3.1)	574	(3.4)	**588**	(3.0)	**25.5**	(1.73)	**1.8**	(0.10)	6.4	(0.86)
	France	**458**	(4.1)	492	(3.8)	512	(3.8)	**523**	(5.3)	**25.8**	(2.23)	**1.8**	(0.10)	5.8	(0.96)
	Germany	**482**	(4.9)	516	(4.4)	532	(3.5)	**540**	(5.1)	**23.0**	(1.92)	**1.7**	(0.11)	4.7	(0.74)
	Greece	**450**	(3.8)	475	(3.7)	484	(4.3)	**487**	(5.0)	**12.7**	(1.65)	**1.5**	(0.10)	2.2	(0.57)
	Hungary	**482**	(3.7)	502	(3.6)	517	(3.6)	**517**	(4.5)	**15.9**	(2.16)	**1.4**	(0.11)	2.5	(0.66)
	Iceland	**448**	(3.4)	480	(3.2)	509	(2.9)	**531**	(3.9)	**29.2**	(1.65)	**2.0**	(0.12)	10.2	(1.04)
	Ireland	**472**	(3.7)	503	(4.3)	523	(4.1)	**540**	(4.4)	**24.8**	(1.57)	**1.8**	(0.14)	7.0	(0.88)
	Italy	**454**	(2.5)	474	(2.5)	489	(2.9)	**485**	(3.1)	**14.5**	(1.47)	**1.4**	(0.07)	1.9	(0.37)
	Japan	**500**	(4.9)	521	(4.0)	547	(3.7)	**559**	(3.8)	**22.8**	(1.78)	**1.7**	(0.10)	4.7	(0.68)
	Korea	**489**	(4.2)	514	(3.5)	537	(3.7)	**550**	(6.2)	**24.5**	(2.22)	**1.8**	(0.10)	7.2	(1.23)
	Luxembourg	**455**	(2.3)	487	(2.5)	503	(2.8)	**502**	(3.5)	**17.5**	(1.68)	**1.6**	(0.08)	3.1	(0.60)
	Mexico	**411**	(3.1)	415	(2.8)	418	(3.6)	**396**	(4.7)	**-6.1**	(2.16)	**0.8**	(0.06)	0.4	(0.31)
	Netherlands	**498**	(3.6)	522	(4.0)	543	(3.6)	**539**	(5.0)	**15.1**	(2.16)	**1.5**	(0.11)	2.6	(0.73)
	New Zealand	**499**	(3.5)	521	(3.7)	542	(3.9)	**564**	(4.7)	**25.0**	(2.00)	**1.4**	(0.11)	5.1	(0.85)
	Norway	**453**	(3.3)	483	(3.3)	506	(3.7)	**513**	(3.9)	**22.0**	(1.64)	**1.7**	(0.10)	5.7	(0.82)
	Poland	**490**	(3.4)	494	(3.9)	501	(3.6)	**506**	(3.6)	**7.3**	(1.79)	1.1	(0.07)	0.4	(0.20)
	Portugal	**450**	(3.8)	475	(3.6)	488	(4.4)	**484**	(4.3)	**15.9**	(1.88)	**1.5**	(0.10)	2.6	(0.65)
	Slovak Republic	**473**	(5.5)	489	(3.4)	495	(4.2)	**498**	(5.0)	**11.7**	(4.28)	**1.3**	(0.13)	1.0	(0.73)
	Spain	**462**	(2.6)	486	(3.3)	500	(3.3)	**509**	(3.8)	**17.9**	(1.37)	**1.6**	(0.10)	3.9	(0.58)
	Sweden	**469**	(3.3)	498	(2.9)	514	(3.6)	**537**	(3.8)	**25.1**	(1.79)	**1.8**	(0.11)	6.5	(0.90)
	Switzerland	**480**	(3.2)	513	(3.3)	525	(3.7)	**529**	(5.2)	**19.4**	(1.95)	**1.6**	(0.07)	3.4	(0.68)
	Turkey	**397**	(3.4)	424	(3.8)	431	(4.6)	**445**	(6.4)	**19.5**	(2.32)	**1.5**	(0.11)	4.7	(0.95)
	United Kingdom	**474**	(3.5)	512	(3.4)	528	(4.0)	**548**	(4.2)	**27.7**	(1.95)	**1.8**	(0.08)	6.4	(0.89)
	United States	**465**	(3.9)	489	(4.1)	502	(5.6)	**503**	(7.6)	**14.3**	(2.22)	**1.3**	(0.10)	1.8	(0.59)
	OECD total	**478**	(1.4)	496	(1.5)	502	(1.6)	**489**	(1.8)	**4.4**	(0.69)	**1.1**	(0.03)	0.2	(0.06)
	OECD average	**472**	(0.7)	497	(0.6)	513	(0.7)	**521**	(0.9)	**19.4**	(0.37)	**1.6**	(0.02)	4.3	(0.14)
Partners	Argentina	**399**	(8.4)	403	(6.1)	401	(5.9)	**371**	(7.1)	**-10.6**	(2.85)	0.9	(0.11)	1.1	(0.58)
	Azerbaijan	384	(3.7)	385	(3.3)	384	(3.3)	380	(3.5)	-1.6	(1.77)	1.0	(0.09)	0.1	(0.12)
	Brazil	**396**	(3.7)	397	(3.6)	395	(4.1)	**375**	(4.0)	**-8.0**	(1.46)	**0.8**	(0.06)	0.8	(0.28)
	Bulgaria	426	(5.2)	442	(6.6)	446	(7.8)	434	(8.2)	3.8	(3.02)	1.0	(0.08)	0.1	(0.16)
	Chile	**422**	(4.0)	439	(5.3)	452	(4.9)	**440**	(6.6)	**7.3**	(2.06)	**1.3**	(0.09)	0.6	(0.32)
	Colombia	**395**	(4.4)	392	(3.9)	388	(5.1)	**378**	(4.9)	**-10.7**	(2.67)	**0.8**	(0.07)	1.0	(0.46)
	Croatia	**473**	(2.9)	494	(3.8)	500	(3.4)	**506**	(3.6)	**14.6**	(1.41)	**1.4**	(0.09)	2.1	(0.41)
	Estonia	523	(3.7)	534	(3.1)	538	(3.8)	531	(4.3)	**5.0**	(2.13)	1.1	(0.09)	0.2	(0.20)
	Hong Kong-China	**509**	(3.7)	541	(3.4)	548	(3.8)	**571**	(4.1)	**23.3**	(1.54)	**1.8**	(0.12)	6.3	(0.80)
	Indonesia	387	(7.1)	397	(6.6)	399	(6.5)	390	(5.1)	3.1	(2.96)	1.1	(0.08)	0.1	(0.18)
	Israel	439	(6.1)	471	(4.0)	477	(4.3)	444	(7.1)	1.3	(2.44)	**1.3**	(0.12)	0.0	(0.09)
	Jordan	**428**	(3.8)	427	(3.4)	423	(4.2)	**415**	(4.7)	**-5.4**	(2.07)	0.9	(0.08)	0.3	(0.23)
	Kyrgyzstan	**358**	(5.3)	332	(3.3)	313	(3.1)	**291**	(3.9)	**-34.3**	(2.91)	**0.5**	(0.06)	9.0	(1.39)
	Latvia	483	(4.4)	492	(3.2)	496	(3.9)	489	(5.2)	4.2	(2.61)	1.1	(0.09)	0.2	(0.20)
	Liechtenstein	506	(9.6)	519	(13.0)	534	(10.4)	530	(10.5)	10.6	(5.59)	1.1	(0.27)	1.1	(1.08)
	Lithuania	481	(4.2)	488	(3.7)	495	(3.9)	488	(4.1)	2.2	(2.22)	1.1	(0.08)	0.0	(0.08)
	Macao-China	**491**	(2.4)	511	(2.6)	518	(2.6)	**524**	(2.8)	**15.0**	(1.40)	**1.4**	(0.10)	2.8	(0.53)
	Montenegro	**411**	(2.8)	422	(2.9)	414	(3.3)	**401**	(2.5)	**-4.1**	(1.72)	0.9	(0.09)	0.2	(0.17)
	Qatar	**345**	(2.0)	368	(2.6)	361	(2.3)	**332**	(2.0)	**-2.2**	(0.89)	1.1	(0.06)	0.1	(0.07)
	Romania	**404**	(4.6)	425	(4.8)	429	(4.9)	**416**	(5.8)	**7.7**	(2.46)	1.3	(0.17)	0.6	(0.34)
	Russian Federation	473	(4.4)	481	(3.4)	488	(4.1)	476	(7.6)	2.5	(3.32)	1.1	(0.09)	0.1	(0.16)
	Serbia	431	(3.7)	439	(3.4)	439	(3.8)	435	(4.8)	1.9	(2.11)	1.0	(0.07)	0.0	(0.08)
	Slovenia	**495**	(2.8)	518	(3.0)	530	(3.1)	**534**	(3.8)	**16.7**	(1.92)	**1.4**	(0.09)	2.4	(0.53)
	Chinese Taipei	**506**	(4.0)	536	(4.1)	535	(4.0)	**554**	(4.3)	**18.0**	(1.47)	**1.6**	(0.07)	3.0	(0.49)
	Thailand	**403**	(2.7)	414	(2.8)	430	(2.7)	**438**	(3.3)	**21.8**	(1.93)	**1.4**	(0.08)	2.8	(0.51)
	Tunisia	**393**	(3.3)	395	(4.3)	385	(3.9)	**371**	(4.2)	**-8.7**	(2.05)	**0.7**	(0.07)	0.6	(0.26)
	Uruguay	426	(4.0)	434	(3.5)	433	(4.9)	423	(4.1)	-2.6	(1.96)	1.0	(0.09)	0.1	(0.11)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
StatLink http://dx.doi.org/10.1787/142102278412

Pour consulter la version française intégrale de ce tableau, suivre ce lien :
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[Part 1/2]

Table 3.16 Index of students' awareness of environmental issues and performance on the science scale, by quarters of the index[1]

Tableau 3.16 Indice de sensibilisation aux problèmes environnementaux et scores sur l'échelle de culture scientifique, par quartile de l'indice

		Index of students' awareness of environmental issues															
		All students		Males		Females		Gender difference (M - F)		Bottom quarter		Second quarter		Third quarter		Top quarter	
		Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD	Australia	0.10	(0.02)	0.19	(0.02)	0.01	(0.02)	**0.18**	(0.03)	-1.10	(0.01)	-0.19	(0.00)	0.37	(0.00)	1.33	(0.02)
	Austria	0.23	(0.02)	0.32	(0.03)	0.14	(0.03)	**0.18**	(0.04)	-0.99	(0.02)	-0.05	(0.01)	0.52	(0.01)	1.46	(0.02)
	Belgium	-0.16	(0.02)	-0.06	(0.02)	-0.27	(0.02)	**0.21**	(0.03)	-1.37	(0.02)	-0.42	(0.00)	0.14	(0.00)	1.00	(0.02)
	Canada	0.27	(0.01)	0.36	(0.02)	0.18	(0.02)	**0.18**	(0.02)	-0.93	(0.01)	-0.05	(0.00)	0.52	(0.00)	1.55	(0.02)
	Czech Republic	0.07	(0.02)	0.14	(0.02)	-0.02	(0.03)	**0.16**	(0.03)	-0.94	(0.02)	-0.18	(0.00)	0.30	(0.00)	1.08	(0.02)
	Denmark	-0.21	(0.02)	-0.06	(0.03)	-0.35	(0.03)	**0.29**	(0.03)	-1.39	(0.02)	-0.51	(0.01)	0.08	(0.00)	1.00	(0.02)
	Finland	-0.02	(0.02)	0.08	(0.02)	-0.12	(0.02)	**0.20**	(0.03)	-1.06	(0.01)	-0.26	(0.01)	0.21	(0.01)	1.04	(0.02)
	France	-0.16	(0.02)	-0.02	(0.03)	-0.30	(0.02)	**0.28**	(0.03)	-1.38	(0.02)	-0.44	(0.01)	0.12	(0.01)	1.04	(0.02)
	Germany	0.15	(0.02)	0.31	(0.04)	-0.01	(0.03)	**0.32**	(0.04)	-1.19	(0.03)	-0.12	(0.01)	0.47	(0.01)	1.44	(0.02)
	Greece	0.09	(0.02)	0.13	(0.03)	0.05	(0.03)	**0.08**	(0.04)	-1.07	(0.02)	-0.21	(0.00)	0.35	(0.00)	1.28	(0.01)
	Hungary	0.10	(0.01)	0.13	(0.02)	0.08	(0.02)	0.05	(0.03)	-0.91	(0.02)	-0.18	(0.00)	0.33	(0.00)	1.16	(0.02)
	Iceland	-0.39	(0.02)	-0.18	(0.03)	-0.61	(0.02)	**0.43**	(0.04)	-1.77	(0.02)	-0.73	(0.01)	-0.08	(0.01)	1.01	(0.03)
	Ireland	0.38	(0.02)	0.44	(0.04)	0.32	(0.03)	**0.12**	(0.04)	-0.83	(0.02)	0.08	(0.00)	0.66	(0.00)	1.59	(0.02)
	Italy	0.18	(0.02)	0.25	(0.02)	0.12	(0.02)	**0.12**	(0.03)	-0.96	(0.01)	-0.08	(0.00)	0.44	(0.00)	1.34	(0.01)
	Japan	-0.13	(0.02)	-0.07	(0.03)	-0.19	(0.02)	**0.13**	(0.03)	-1.10	(0.02)	-0.37	(0.00)	0.08	(0.00)	0.86	(0.02)
	Korea	-0.22	(0.02)	-0.19	(0.03)	-0.26	(0.03)	0.08	(0.04)	-1.20	(0.02)	-0.50	(0.00)	0.00	(0.01)	0.80	(0.02)
	Luxembourg	-0.26	(0.02)	-0.08	(0.02)	-0.44	(0.02)	**0.36**	(0.03)	-1.69	(0.02)	-0.60	(0.01)	0.12	(0.01)	1.14	(0.02)
	Mexico	-0.45	(0.02)	-0.44	(0.02)	-0.47	(0.02)	0.03	(0.02)	-1.60	(0.01)	-0.74	(0.01)	-0.16	(0.00)	0.70	(0.01)
	Netherlands	-0.08	(0.02)	0.02	(0.02)	-0.17	(0.02)	**0.19**	(0.02)	-1.12	(0.02)	-0.30	(0.01)	0.16	(0.01)	0.95	(0.02)
	New Zealand	-0.12	(0.02)	-0.02	(0.02)	-0.21	(0.02)	**0.19**	(0.03)	-1.30	(0.02)	-0.41	(0.01)	0.15	(0.01)	1.08	(0.02)
	Norway	0.06	(0.02)	0.19	(0.03)	-0.07	(0.02)	**0.26**	(0.03)	-1.18	(0.02)	-0.20	(0.00)	0.35	(0.00)	1.29	(0.02)
	Poland	0.37	(0.02)	0.38	(0.02)	0.37	(0.02)	0.01	(0.03)	-0.81	(0.02)	0.06	(0.00)	0.59	(0.01)	1.66	(0.02)
	Portugal	0.12	(0.02)	0.18	(0.03)	0.05	(0.02)	**0.13**	(0.03)	-1.02	(0.02)	-0.17	(0.01)	0.38	(0.00)	1.27	(0.02)
	Slovak Republic	0.15	(0.02)	0.21	(0.03)	0.09	(0.03)	**0.12**	(0.04)	-0.98	(0.02)	-0.16	(0.01)	0.38	(0.00)	1.37	(0.02)
	Spain	0.06	(0.02)	0.13	(0.02)	-0.01	(0.02)	**0.15**	(0.02)	-1.09	(0.01)	-0.24	(0.00)	0.30	(0.00)	1.27	(0.02)
	Sweden	-0.24	(0.02)	-0.08	(0.03)	-0.41	(0.03)	**0.33**	(0.04)	-1.62	(0.02)	-0.60	(0.01)	0.09	(0.01)	1.17	(0.02)
	Switzerland	-0.22	(0.02)	-0.04	(0.02)	-0.41	(0.03)	**0.37**	(0.03)	-1.54	(0.02)	-0.50	(0.01)	0.13	(0.00)	1.04	(0.01)
	Turkey	0.07	(0.03)	-0.01	(0.04)	0.17	(0.03)	**-0.17**	(0.04)	-1.19	(0.02)	-0.23	(0.01)	0.37	(0.00)	1.34	(0.02)
	United Kingdom	0.25	(0.01)	0.40	(0.02)	0.11	(0.02)	**0.29**	(0.03)	-1.00	(0.02)	-0.06	(0.01)	0.51	(0.01)	1.54	(0.02)
	United States	0.01	(0.03)	0.11	(0.03)	-0.10	(0.03)	**0.21**	(0.03)	-1.28	(0.02)	-0.32	(0.01)	0.29	(0.01)	1.34	(0.02)
	OECD total	-0.01	(0.01)	0.07	(0.01)	-0.09	(0.01)	**0.16**	(0.01)	-1.23	(0.01)	-0.31	(0.00)	0.26	(0.00)	1.24	(0.01)
	OECD average	0.00	(0.00)	0.09	(0.00)	-0.09	(0.00)	**0.18**	(0.01)	-1.19	(0.00)	-0.29	(0.00)	0.27	(0.00)	1.21	(0.00)
Partners	Argentina	-0.63	(0.04)	-0.62	(0.04)	-0.63	(0.04)	0.01	(0.04)	-1.85	(0.02)	-0.93	(0.01)	-0.32	(0.01)	0.59	(0.02)
	Azerbaijan	-0.56	(0.03)	-0.56	(0.03)	-0.55	(0.03)	-0.01	(0.04)	-1.94	(0.02)	-0.89	(0.01)	-0.24	(0.01)	0.86	(0.02)
	Brazil	-0.26	(0.02)	-0.24	(0.03)	-0.28	(0.03)	0.03	(0.03)	-1.45	(0.02)	-0.62	(0.01)	-0.01	(0.01)	1.04	(0.02)
	Bulgaria	-0.10	(0.03)	-0.19	(0.04)	-0.02	(0.03)	**-0.17**	(0.04)	-1.35	(0.03)	-0.32	(0.01)	0.22	(0.01)	1.03	(0.02)
	Chile	-0.27	(0.03)	-0.19	(0.03)	-0.36	(0.03)	**0.17**	(0.03)	-1.39	(0.02)	-0.59	(0.01)	-0.03	(0.01)	0.93	(0.02)
	Colombia	-0.43	(0.03)	-0.44	(0.04)	-0.43	(0.04)	-0.01	(0.04)	-1.62	(0.02)	-0.74	(0.01)	-0.12	(0.01)	0.76	(0.02)
	Croatia	0.32	(0.02)	0.32	(0.03)	0.33	(0.02)	0.00	(0.03)	-0.78	(0.02)	0.05	(0.00)	0.54	(0.01)	1.49	(0.02)
	Estonia	0.24	(0.02)	0.24	(0.02)	0.24	(0.02)	0.00	(0.03)	-0.85	(0.02)	-0.06	(0.01)	0.45	(0.01)	1.42	(0.02)
	Hong Kong-China	0.34	(0.02)	0.38	(0.02)	0.31	(0.02)	**0.07**	(0.03)	-0.62	(0.02)	0.11	(0.00)	0.56	(0.01)	1.31	(0.01)
	Indonesia	-1.09	(0.02)	-1.12	(0.03)	-1.04	(0.02)	**-0.08**	(0.03)	-2.03	(0.02)	-1.32	(0.00)	-0.85	(0.00)	-0.14	(0.02)
	Israel	-0.66	(0.03)	-0.57	(0.04)	-0.74	(0.04)	**0.17**	(0.06)	-2.19	(0.02)	-0.97	(0.01)	-0.31	(0.01)	0.84	(0.03)
	Jordan	-0.04	(0.02)	-0.25	(0.03)	0.17	(0.03)	**-0.41**	(0.04)	-1.36	(0.02)	-0.32	(0.01)	0.28	(0.01)	1.25	(0.02)
	Kyrgyzstan	-0.45	(0.02)	-0.57	(0.03)	-0.35	(0.03)	**-0.22**	(0.04)	-1.79	(0.02)	-0.74	(0.01)	-0.12	(0.01)	0.84	(0.02)
	Latvia	-0.02	(0.02)	0.01	(0.03)	-0.04	(0.03)	0.04	(0.03)	-1.04	(0.02)	-0.25	(0.01)	0.23	(0.01)	0.99	(0.01)
	Liechtenstein	0.01	(0.05)	0.16	(0.07)	-0.12	(0.07)	**0.27**	(0.10)	-1.17	(0.07)	-0.19	(0.01)	0.33	(0.02)	1.07	(0.05)
	Lithuania	-0.02	(0.02)	0.00	(0.03)	-0.05	(0.03)	0.06	(0.03)	-1.18	(0.02)	-0.31	(0.01)	0.27	(0.01)	1.13	(0.02)
	Macao-China	0.06	(0.01)	0.08	(0.02)	0.03	(0.02)	0.05	(0.03)	-0.95	(0.02)	-0.17	(0.00)	0.29	(0.01)	1.05	(0.02)
	Montenegro	0.03	(0.02)	-0.02	(0.02)	0.09	(0.02)	**-0.12**	(0.03)	-1.25	(0.03)	-0.27	(0.01)	0.33	(0.01)	1.32	(0.02)
	Qatar	-0.72	(0.02)	-0.68	(0.02)	-0.76	(0.02)	**0.08**	(0.03)	-2.26	(0.02)	-1.05	(0.00)	-0.38	(0.01)	0.81	(0.02)
	Romania	-0.37	(0.03)	-0.40	(0.04)	-0.34	(0.03)	-0.06	(0.04)	-1.55	(0.02)	-0.64	(0.01)	-0.08	(0.01)	0.81	(0.02)
	Russian Federation	0.18	(0.03)	0.18	(0.03)	0.18	(0.03)	0.00	(0.03)	-0.99	(0.02)	-0.09	(0.01)	0.42	(0.01)	1.38	(0.02)
	Serbia	0.02	(0.02)	-0.03	(0.03)	0.06	(0.02)	**-0.09**	(0.03)	-1.15	(0.02)	-0.27	(0.01)	0.28	(0.01)	1.20	(0.02)
	Slovenia	0.30	(0.01)	0.33	(0.03)	0.27	(0.02)	0.06	(0.04)	-0.80	(0.02)	0.07	(0.00)	0.52	(0.01)	1.40	(0.02)
	Chinese Taipei	0.46	(0.02)	0.51	(0.02)	0.40	(0.02)	**0.11**	(0.03)	-0.55	(0.02)	0.22	(0.00)	0.61	(0.00)	1.54	(0.02)
	Thailand	-0.20	(0.02)	-0.31	(0.03)	-0.11	(0.02)	**-0.21**	(0.03)	-1.30	(0.02)	-0.44	(0.01)	0.11	(0.01)	0.85	(0.01)
	Tunisia	-0.73	(0.02)	-0.68	(0.03)	-0.78	(0.03)	**0.10**	(0.03)	-1.85	(0.02)	-1.01	(0.01)	-0.47	(0.01)	0.41	(0.02)
	Uruguay	-0.34	(0.02)	-0.32	(0.03)	-0.35	(0.02)	0.03	(0.03)	-1.46	(0.02)	-0.64	(0.01)	-0.08	(0.01)	0.83	(0.02)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
StatLink http://dx.doi.org/10.1787/142102278412

Pour consulter la version française intégrale de ce tableau, suivre ce lien :
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[Part 2/2]

Table 3.16 Index of students' awareness of environmental issues and performance on the science scale, by quarters of the index[1]

Tableau 3.16 Indice de sensibilisation aux problèmes environnementaux et scores sur l'échelle de culture scientifique, par quartile de l'indice

		Performance on the science scale, by quarters of this index								Change in the science score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the science performance distribution		Explained variance in student performance (r-squared x 100)	
		Bottom quarter		Second quarter		Third quarter		Top quarter							
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E	Effect	S.E.	Ratio	S.E.	Percentage	S.E.
OECD	Australia	**459**	(2.2)	522	(2.5)	545	(2.5)	**585**	(3.3)	**46.4**	(1.12)	**3.0**	(0.12)	21.4	(1.02)
	Austria	**440**	(5.2)	503	(4.2)	539	(3.8)	**568**	(4.2)	**49.8**	(1.92)	**3.4**	(0.23)	25.9	(1.49)
	Belgium	**437**	(3.7)	507	(2.6)	544	(2.7)	**574**	(2.8)	**52.7**	(1.74)	**3.9**	(0.21)	27.4	(1.45)
	Canada	**481**	(2.7)	530	(2.5)	555	(3.0)	**580**	(2.7)	**36.2**	(1.15)	**2.7**	(0.14)	15.4	(0.95)
	Czech Republic	**464**	(4.5)	513	(4.5)	537	(3.7)	**560**	(4.4)	**44.2**	(2.22)	**2.5**	(0.14)	15.5	(1.04)
	Denmark	**431**	(3.7)	482	(3.6)	515	(3.5)	**558**	(3.7)	**46.7**	(1.91)	**3.1**	(0.20)	23.8	(1.59)
	Finland	**510**	(2.8)	558	(2.5)	580	(2.8)	**607**	(3.4)	**42.6**	(1.51)	**2.8**	(0.14)	18.4	(1.14)
	France	**419**	(4.2)	490	(3.5)	524	(3.9)	**556**	(4.0)	**50.1**	(1.95)	**3.5**	(0.24)	24.1	(1.43)
	Germany	**451**	(4.9)	516	(3.5)	547	(4.0)	**577**	(3.7)	**43.9**	(1.26)	**3.4**	(0.19)	23.9	(1.22)
	Greece	**425**	(4.4)	464	(3.7)	487	(3.4)	**521**	(3.6)	**37.5**	(1.86)	**2.4**	(0.14)	15.2	(1.25)
	Hungary	**460**	(3.4)	497	(4.1)	515	(3.6)	**546**	(3.8)	**38.5**	(1.87)	**2.2**	(0.16)	13.8	(1.22)
	Iceland	**427**	(3.3)	475	(2.9)	516	(3.1)	**551**	(3.2)	**41.3**	(1.54)	**2.9**	(0.21)	23.8	(1.64)
	Ireland	**450**	(3.6)	504	(3.8)	530	(3.4)	**555**	(3.6)	**41.4**	(1.52)	**2.7**	(0.16)	18.1	(1.16)
	Italy	**416**	(2.5)	468	(2.6)	498	(2.5)	**522**	(3.1)	**43.9**	(1.42)	**2.8**	(0.16)	18.6	(1.10)
	Japan	**460**	(4.5)	524	(4.1)	562	(4.1)	**582**	(3.4)	**56.0**	(2.07)	**3.3**	(0.22)	21.2	(1.47)
	Korea	**466**	(4.9)	509	(2.7)	542	(3.3)	**572**	(4.8)	**47.2**	(2.20)	**2.7**	(0.15)	19.0	(1.30)
	Luxembourg	**418**	(2.5)	472	(2.3)	514	(2.9)	**544**	(2.9)	**40.7**	(1.29)	**3.1**	(0.18)	23.8	(1.29)
	Mexico	**377**	(2.8)	401	(2.9)	419	(3.1)	**444**	(4.0)	**27.3**	(1.53)	**1.8**	(0.11)	10.1	(1.04)
	Netherlands	**458**	(4.6)	523	(3.8)	554	(3.5)	**585**	(3.7)	**57.4**	(1.90)	**3.7**	(0.27)	27.6	(1.60)
	New Zealand	**454**	(3.9)	523	(3.9)	555	(3.6)	**598**	(3.3)	**54.5**	(1.66)	**3.3**	(0.21)	25.0	(1.37)
	Norway	**431**	(3.4)	484	(3.0)	508	(3.1)	**537**	(3.7)	**37.8**	(1.75)	**2.7**	(0.15)	16.9	(1.35)
	Poland	**442**	(3.1)	484	(2.8)	513	(3.4)	**555**	(2.9)	**41.6**	(1.49)	**2.6**	(0.16)	21.3	(1.20)
	Portugal	**410**	(3.7)	469	(3.6)	494	(3.4)	**526**	(3.1)	**46.3**	(1.85)	**3.4**	(0.22)	23.2	(1.41)
	Slovak Republic	**435**	(3.5)	476	(3.4)	513	(3.6)	**536**	(3.4)	**40.4**	(1.76)	**2.5**	(0.15)	17.2	(1.28)
	Spain	**427**	(3.0)	483	(3.0)	508	(3.0)	**539**	(2.9)	**43.5**	(1.82)	**3.1**	(0.21)	21.4	(1.50)
	Sweden	**446**	(3.1)	490	(2.6)	523	(3.4)	**561**	(3.6)	**38.1**	(1.37)	**2.6**	(0.16)	21.6	(1.29)
	Switzerland	**436**	(3.1)	499	(2.7)	541	(3.2)	**572**	(3.7)	**49.6**	(1.38)	**3.5**	(0.17)	27.5	(1.23)
	Turkey	**378**	(3.6)	412	(3.4)	439	(4.3)	**468**	(6.7)	**32.9**	(2.96)	**2.3**	(0.18)	16.6	(2.19)
	United Kingdom	**441**	(3.2)	501	(3.2)	539	(3.0)	**583**	(3.1)	**50.4**	(1.41)	**3.1**	(0.16)	23.4	(1.13)
	United States	**422**	(4.1)	481	(4.4)	512	(4.5)	**545**	(4.5)	**40.8**	(1.63)	**2.7**	(0.17)	17.5	(1.07)
	OECD total	**425**	(1.4)	483	(1.2)	514	(1.4)	**546**	(1.4)	**43.8**	(0.59)	**2.7**	(0.05)	18.4	(0.39)
	OECD average	**439**	(0.7)	492	(0.6)	522	(0.6)	**554**	(0.7)	**44.0**	(0.32)	**2.9**	(0.03)	20.6	(0.24)
Partners	Argentina	**341**	(6.0)	384	(6.4)	414	(5.5)	**438**	(6.7)	**38.8**	(2.66)	**2.2**	(0.18)	14.8	(1.75)
	Azerbaijan	**367**	(3.0)	379	(3.4)	389	(3.4)	**398**	(3.9)	**10.4**	(1.18)	**1.6**	(0.14)	4.4	(1.01)
	Brazil	**336**	(2.6)	373	(3.0)	410	(3.4)	**445**	(4.6)	**40.4**	(2.01)	**2.5**	(0.17)	20.9	(1.41)
	Bulgaria	**370**	(4.6)	428	(5.9)	465	(6.7)	**487**	(7.8)	**44.5**	(2.60)	**2.7**	(0.22)	17.6	(1.74)
	Chile	**382**	(3.8)	426	(4.3)	454	(4.8)	**492**	(5.2)	**43.5**	(1.88)	**2.6**	(0.18)	19.9	(1.35)
	Colombia	**348**	(4.8)	384	(4.8)	400	(5.1)	**422**	(4.2)	**30.1**	(2.10)	**2.1**	(0.16)	11.7	(1.77)
	Croatia	**434**	(3.0)	484	(2.8)	513	(3.2)	**544**	(3.4)	**45.7**	(1.66)	**3.0**	(0.17)	24.1	(1.41)
	Estonia	**481**	(3.0)	522	(3.5)	548	(3.2)	**576**	(3.4)	**38.6**	(1.79)	**2.7**	(0.16)	18.3	(1.49)
	Hong Kong-China	**483**	(3.8)	539	(3.4)	557	(3.2)	**591**	(3.0)	**52.0**	(1.85)	**3.0**	(0.20)	20.7	(1.31)
	Indonesia	**372**	(6.3)	382	(4.6)	398	(6.3)	**421**	(6.7)	**26.0**	(2.36)	**1.6**	(0.10)	8.2	(1.35)
	Israel	**415**	(4.7)	448	(4.8)	477	(5.2)	**500**	(4.8)	**25.2**	(1.66)	**1.8**	(0.14)	7.9	(0.94)
	Jordan	**372**	(2.8)	412	(3.1)	439	(3.8)	**471**	(4.3)	**35.8**	(1.68)	**2.5**	(0.14)	18.3	(1.32)
	Kyrgyzstan	**303**	(3.7)	318	(3.5)	334	(3.5)	**344**	(4.1)	**15.8**	(1.47)	**1.5**	(0.08)	4.1	(0.68)
	Latvia	**443**	(3.9)	477	(3.6)	506	(3.6)	**534**	(4.1)	**43.1**	(1.96)	**2.4**	(0.15)	17.9	(1.57)
	Liechtenstein	**467**	(9.8)	511	(11.4)	543	(11.6)	**567**	(9.6)	**39.8**	(5.12)	**2.5**	(0.48)	14.5	(3.49)
	Lithuania	**431**	(3.3)	477	(3.5)	506	(3.3)	**540**	(3.6)	**43.5**	(1.69)	**2.8**	(0.16)	20.5	(1.27)
	Macao-China	**465**	(2.9)	506	(2.8)	526	(2.4)	**547**	(2.3)	**38.1**	(1.40)	**2.5**	(0.15)	16.4	(1.17)
	Montenegro	**366**	(2.3)	399	(2.9)	430	(2.4)	**458**	(2.9)	**33.4**	(1.45)	**2.6**	(0.16)	19.3	(1.30)
	Qatar	**320**	(1.8)	344	(2.0)	356	(1.9)	**387**	(2.5)	**19.4**	(0.92)	**1.6**	(0.08)	8.3	(0.69)
	Romania	**374**	(4.5)	410	(4.4)	431	(5.1)	**460**	(5.6)	**34.5**	(1.99)	**2.3**	(0.23)	17.0	(1.57)
	Russian Federation	**430**	(4.2)	469	(3.6)	495	(3.8)	**525**	(4.1)	**37.8**	(1.77)	**2.5**	(0.20)	16.1	(1.31)
	Serbia	**384**	(3.8)	428	(3.8)	453	(3.7)	**481**	(3.5)	**38.1**	(1.79)	**2.6**	(0.17)	18.8	(1.40)
	Slovenia	**458**	(2.9)	515	(2.7)	539	(3.4)	**572**	(3.4)	**46.5**	(1.59)	**2.8**	(0.13)	18.7	(1.20)
	Chinese Taipei	**465**	(4.3)	531	(3.6)	554	(3.5)	**580**	(3.1)	**48.4**	(2.14)	**3.3**	(0.18)	19.6	(1.20)
	Thailand	**383**	(3.1)	414	(3.2)	435	(3.1)	**452**	(3.0)	**30.7**	(1.51)	**2.1**	(0.14)	12.1	(1.05)
	Tunisia	**357**	(2.6)	380	(3.2)	391	(3.8)	**416**	(5.5)	**23.9**	(2.54)	**1.7**	(0.11)	7.3	(1.32)
	Uruguay	**385**	(3.4)	422	(3.5)	445	(3.7)	**469**	(5.6)	**35.3**	(1.99)	**2.2**	(0.12)	12.4	(1.28)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
StatLink http://dx.doi.org/10.1787/142102278412

Pour consulter la version française intégrale de ce tableau, suivre ce lien :
StatLink http://dx.doi.org/10.1787/152630454851



[Part 1/2]

Table 3.17 Index of students' level of concern for environmental issues and performance on the science scale, by quarters of the index[1]

Tableau 3.17 Indice d'inquiétude suscitée par les problèmes environnementaux et scores sur l'échelle de culture scientifique, par quartile de l'indice

		Index of students' level of concern for environmental issues															
		All students		Males		Females		Gender difference (M - F)		Bottom quarter		Second quarter		Third quarter		Top quarter	
		Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD	Australia	-0.19	(0.01)	-0.29	(0.01)	-0.07	(0.01)	**-0.22**	(0.02)	-1.31	(0.02)	-0.48	(0.00)	0.01	(0.00)	1.03	(0.01)
	Austria	-0.03	(0.02)	-0.16	(0.02)	0.10	(0.02)	**-0.26**	(0.03)	-1.13	(0.02)	-0.42	(0.01)	0.18	(0.01)	1.25	(0.01)
	Belgium	-0.09	(0.02)	-0.15	(0.02)	-0.01	(0.02)	**-0.14**	(0.03)	-1.14	(0.03)	-0.44	(0.00)	0.08	(0.00)	1.15	(0.01)
	Canada	-0.10	(0.01)	-0.21	(0.02)	0.01	(0.02)	**-0.22**	(0.02)	-1.29	(0.02)	-0.45	(0.00)	0.13	(0.00)	1.20	(0.01)
	Czech Republic	0.02	(0.02)	-0.05	(0.02)	0.12	(0.02)	**-0.17**	(0.03)	-1.03	(0.02)	-0.40	(0.01)	0.21	(0.01)	1.31	(0.01)
	Denmark	-0.35	(0.02)	-0.44	(0.02)	-0.27	(0.02)	**-0.17**	(0.03)	-1.46	(0.02)	-0.66	(0.00)	-0.16	(0.00)	0.87	(0.02)
	Finland	-0.52	(0.01)	-0.65	(0.02)	-0.38	(0.02)	**-0.27**	(0.03)	-1.46	(0.01)	-0.81	(0.00)	-0.38	(0.01)	0.58	(0.02)
	France	0.04	(0.02)	-0.01	(0.02)	0.09	(0.02)	**-0.10**	(0.03)	-1.05	(0.02)	-0.31	(0.00)	0.24	(0.01)	1.27	(0.01)
	Germany	0.08	(0.02)	-0.04	(0.02)	0.20	(0.02)	**-0.24**	(0.03)	-1.05	(0.02)	-0.28	(0.00)	0.30	(0.01)	1.35	(0.00)
	Greece	0.14	(0.02)	0.05	(0.02)	0.23	(0.02)	**-0.18**	(0.03)	-0.91	(0.02)	-0.20	(0.00)	0.35	(0.01)	1.32	(0.01)
	Hungary	0.26	(0.02)	0.17	(0.02)	0.34	(0.02)	**-0.17**	(0.03)	-0.75	(0.02)	-0.06	(0.01)	0.44	(0.01)	1.39	(0.00)
	Iceland	-0.42	(0.02)	-0.47	(0.02)	-0.36	(0.02)	**-0.11**	(0.03)	-1.62	(0.01)	-0.88	(0.01)	-0.24	(0.01)	1.08	(0.01)
	Ireland	-0.26	(0.02)	-0.37	(0.03)	-0.16	(0.02)	**-0.20**	(0.03)	-1.50	(0.02)	-0.59	(0.00)	-0.04	(0.01)	1.08	(0.01)
	Italy	0.14	(0.01)	0.06	(0.02)	0.22	(0.01)	**-0.16**	(0.02)	-0.96	(0.01)	-0.26	(0.00)	0.40	(0.01)	1.39	(0.00)
	Japan	0.01	(0.01)	-0.07	(0.02)	0.09	(0.02)	**-0.16**	(0.03)	-1.07	(0.02)	-0.35	(0.00)	0.20	(0.01)	1.28	(0.01)
	Korea	0.07	(0.01)	0.08	(0.02)	0.07	(0.02)	0.01	(0.02)	-0.81	(0.02)	-0.25	(0.00)	0.16	(0.01)	1.19	(0.01)
	Luxembourg	-0.02	(0.02)	-0.12	(0.02)	0.09	(0.02)	**-0.21**	(0.03)	-1.32	(0.02)	-0.40	(0.01)	0.28	(0.01)	1.38	(0.00)
	Mexico	0.57	(0.02)	0.47	(0.02)	0.66	(0.02)	**-0.19**	(0.03)	-0.59	(0.02)	0.29	(0.00)	1.20	(0.01)	1.39	(0.00)
	Netherlands	-0.01	(0.02)	-0.10	(0.02)	0.08	(0.02)	**-0.19**	(0.03)	-1.11	(0.01)	-0.40	(0.00)	0.18	(0.01)	1.28	(0.01)
	New Zealand	-0.31	(0.01)	-0.42	(0.02)	-0.22	(0.02)	**-0.19**	(0.03)	-1.47	(0.02)	-0.62	(0.00)	-0.10	(0.01)	0.94	(0.01)
	Norway	-0.40	(0.02)	-0.54	(0.03)	-0.25	(0.02)	**-0.30**	(0.03)	-1.72	(0.03)	-0.75	(0.00)	-0.15	(0.01)	1.03	(0.01)
	Poland	0.01	(0.02)	-0.13	(0.02)	0.16	(0.02)	**-0.29**	(0.02)	-1.15	(0.02)	-0.33	(0.01)	0.25	(0.01)	1.29	(0.01)
	Portugal	0.60	(0.01)	0.53	(0.02)	0.66	(0.02)	**-0.13**	(0.03)	-0.56	(0.02)	0.32	(0.01)	1.24	(0.01)	1.40	(0.00)
	Slovak Republic	0.18	(0.02)	0.13	(0.02)	0.23	(0.02)	**-0.10**	(0.03)	-0.91	(0.02)	-0.19	(0.01)	0.41	(0.01)	1.39	(0.00)
	Spain	0.58	(0.01)	0.47	(0.01)	0.70	(0.01)	**-0.23**	(0.02)	-0.57	(0.01)	0.29	(0.01)	1.22	(0.01)	1.40	(0.00)
	Sweden	-0.43	(0.02)	-0.57	(0.02)	-0.27	(0.02)	**-0.30**	(0.03)	-1.63	(0.02)	-0.78	(0.00)	-0.25	(0.01)	0.96	(0.02)
	Switzerland	-0.12	(0.01)	-0.21	(0.02)	-0.04	(0.02)	**-0.17**	(0.02)	-1.20	(0.01)	-0.47	(0.00)	0.05	(0.00)	1.13	(0.01)
	Turkey	0.88	(0.02)	0.76	(0.03)	1.03	(0.02)	**-0.27**	(0.03)	-0.45	(0.04)	1.19	(0.01)	1.39	(0.00)	1.40	(0.00)
	United Kingdom	-0.30	(0.01)	-0.35	(0.02)	-0.25	(0.02)	**-0.10**	(0.02)	-1.48	(0.02)	-0.60	(0.00)	-0.09	(0.01)	0.97	(0.01)
	United States	-0.08	(0.02)	-0.21	(0.03)	0.06	(0.02)	**-0.27**	(0.04)	-1.40	(0.03)	-0.44	(0.01)	0.21	(0.01)	1.30	(0.01)
	OECD total	0.08	(0.01)	-0.02	(0.01)	0.18	(0.01)	**-0.20**	(0.01)	-1.16	(0.01)	-0.29	(0.00)	0.39	(0.00)	1.39	(0.00)
	OECD average	0.00	(0.00)	-0.10	(0.00)	0.10	(0.00)	**-0.19**	(0.01)	-1.14	(0.00)	-0.32	(0.00)	0.26	(0.00)	1.20	(0.00)
Partners	Argentina	0.42	(0.02)	0.33	(0.03)	0.51	(0.02)	**-0.18**	(0.03)	-0.78	(0.02)	0.08	(0.01)	1.00	(0.01)	1.39	(0.00)
	Azerbaijan	0.29	(0.03)	0.21	(0.03)	0.36	(0.03)	**-0.15**	(0.03)	-1.03	(0.02)	-0.11	(0.01)	0.89	(0.02)	1.39	(0.00)
	Brazil	0.52	(0.02)	0.38	(0.02)	0.64	(0.02)	**-0.26**	(0.03)	-0.75	(0.02)	0.22	(0.01)	1.21	(0.01)	1.39	(0.00)
	Bulgaria	0.37	(0.02)	0.24	(0.03)	0.50	(0.03)	**-0.27**	(0.04)	-0.87	(0.02)	0.01	(0.00)	0.94	(0.01)	1.39	(0.00)
	Chile	0.52	(0.01)	0.45	(0.02)	0.60	(0.02)	**-0.15**	(0.03)	-0.54	(0.01)	0.19	(0.01)	1.03	(0.01)	1.39	(0.00)
	Colombia	0.71	(0.03)	0.60	(0.04)	0.80	(0.03)	**-0.20**	(0.04)	-0.57	(0.03)	0.62	(0.02)	1.39	(0.00)	1.40	(0.00)
	Croatia	0.44	(0.02)	0.35	(0.02)	0.53	(0.02)	**-0.19**	(0.02)	-0.72	(0.02)	0.07	(0.00)	1.01	(0.01)	1.39	(0.00)
	Estonia	-0.04	(0.01)	-0.10	(0.02)	0.03	(0.02)	**-0.12**	(0.03)	-1.01	(0.01)	-0.35	(0.00)	0.11	(0.01)	1.10	(0.01)
	Hong Kong-China	-0.02	(0.02)	-0.04	(0.02)	0.00	(0.02)	-0.04	(0.03)	-1.16	(0.02)	-0.43	(0.01)	0.21	(0.01)	1.30	(0.01)
	Indonesia	0.38	(0.02)	0.24	(0.03)	0.52	(0.02)	**-0.28**	(0.03)	-0.94	(0.02)	0.04	(0.01)	1.02	(0.01)	1.39	(0.00)
	Israel	-0.26	(0.02)	-0.32	(0.03)	-0.20	(0.03)	**-0.11**	(0.04)	-1.43	(0.04)	-0.48	(0.00)	-0.02	(0.01)	0.90	(0.02)
	Jordan	-0.01	(0.02)	-0.09	(0.02)	0.08	(0.02)	**-0.18**	(0.03)	-1.10	(0.02)	-0.38	(0.01)	0.20	(0.01)	1.27	(0.01)
	Kyrgyzstan	0.01	(0.02)	-0.13	(0.03)	0.12	(0.03)	**-0.26**	(0.04)	-1.50	(0.03)	-0.36	(0.01)	0.49	(0.01)	1.39	(0.00)
	Latvia	-0.06	(0.01)	-0.16	(0.02)	0.03	(0.02)	**-0.19**	(0.03)	-1.07	(0.01)	-0.40	(0.01)	0.11	(0.01)	1.11	(0.01)
	Liechtenstein	-0.13	(0.06)	-0.15	(0.09)	-0.12	(0.07)	-0.03	(0.12)	-1.32	(0.08)	-0.51	(0.02)	0.08	(0.02)	1.21	(0.04)
	Lithuania	0.06	(0.01)	0.00	(0.02)	0.13	(0.02)	**-0.13**	(0.03)	-0.94	(0.02)	-0.27	(0.00)	0.22	(0.01)	1.23	(0.01)
	Macao-China	0.11	(0.02)	0.01	(0.02)	0.22	(0.02)	**-0.20**	(0.03)	-1.19	(0.02)	-0.25	(0.01)	0.50	(0.01)	1.39	(0.00)
	Montenegro	0.22	(0.02)	0.17	(0.02)	0.28	(0.02)	**-0.12**	(0.03)	-1.00	(0.02)	-0.14	(0.01)	0.64	(0.02)	1.39	(0.00)
	Qatar	-0.23	(0.01)	-0.28	(0.02)	-0.18	(0.02)	**-0.10**	(0.03)	-1.54	(0.02)	-0.60	(0.00)	0.00	(0.01)	1.23	(0.01)
	Romania	-0.16	(0.02)	-0.24	(0.03)	-0.08	(0.03)	**-0.16**	(0.05)	-1.31	(0.03)	-0.47	(0.01)	0.04	(0.01)	1.11	(0.01)
	Russian Federation	0.17	(0.02)	0.09	(0.03)	0.25	(0.03)	**-0.16**	(0.02)	-0.88	(0.02)	-0.15	(0.00)	0.34	(0.00)	1.37	(0.00)
	Serbia	0.25	(0.02)	0.20	(0.02)	0.31	(0.02)	**-0.11**	(0.03)	-0.94	(0.02)	-0.09	(0.00)	0.66	(0.01)	1.39	(0.00)
	Slovenia	0.11	(0.01)	0.05	(0.02)	0.17	(0.02)	**-0.13**	(0.03)	-1.01	(0.02)	-0.23	(0.01)	0.36	(0.01)	1.33	(0.01)
	Chinese Taipei	0.52	(0.02)	0.45	(0.02)	0.59	(0.02)	**-0.14**	(0.02)	-1.01	(0.03)	0.30	(0.01)	1.39	(0.00)	1.40	(0.00)
	Thailand	0.29	(0.02)	0.09	(0.03)	0.43	(0.02)	**-0.34**	(0.04)	-0.99	(0.03)	-0.06	(0.01)	0.81	(0.01)	1.39	(0.00)
	Tunisia	-0.16	(0.02)	-0.19	(0.02)	-0.14	(0.02)	-0.05	(0.03)	-1.14	(0.02)	-0.47	(0.01)	0.00	(0.01)	0.96	(0.02)
	Uruguay	0.15	(0.02)	0.10	(0.02)	0.19	(0.02)	**-0.09**	(0.03)	-0.87	(0.02)	-0.14	(0.00)	0.37	(0.01)	1.24	(0.01)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 2/2]

Table 3.17 Index of students' level of concern for environmental issues and performance on the science scale, by quarters of the index[1]

Tableau 3.17 Indice d'inquiétude suscitée par les problèmes environnementaux et scores sur l'échelle de culture scientifique, par quartile de l'indice

		Performance on the science scale, by quarters of this index								Change in the science score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the science performance distribution		Explained variance in student performance (r-squared x 100)	
		Bottom quarter		Second quarter		Third quarter		Top quarter							
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E	Effect	S.E.	Ratio	S.E.	Percentage	S.E.
OECD	Australia	**509**	(3.4)	537	(2.7)	541	(2.7)	**526**	(2.4)	**8.4**	(1.11)	**1.5**	(0.06)	0.7	(0.19)
	Austria	504	(5.5)	519	(5.8)	519	(4.5)	510	(4.2)	3.7	(1.89)	**1.3**	(0.08)	0.1	(0.12)
	Belgium	503	(4.7)	528	(3.2)	522	(2.6)	510	(2.7)	**6.0**	(2.42)	**1.4**	(0.09)	0.3	(0.26)
	Canada	527	(3.1)	541	(2.4)	545	(2.7)	533	(2.7)	**4.6**	(1.21)	**1.3**	(0.06)	0.3	(0.13)
	Czech Republic	**526**	(5.8)	529	(5.1)	512	(3.9)	**508**	(4.0)	**-7.0**	(2.31)	1.0	(0.08)	0.4	(0.29)
	Denmark	490	(4.5)	500	(4.1)	502	(4.7)	496	(4.2)	3.2	(2.01)	**1.2**	(0.08)	0.1	(0.14)
	Finland	562	(3.5)	565	(3.4)	572	(2.8)	555	(3.3)	-1.6	(1.81)	1.0	(0.07)	0.0	(0.06)
	France	**461**	(5.2)	507	(4.4)	512	(3.8)	**513**	(3.8)	**23.3**	(1.91)	**2.1**	(0.12)	4.6	(0.73)
	Germany	**501**	(5.4)	535	(4.0)	530	(4.5)	**526**	(4.8)	**11.2**	(1.84)	**1.5**	(0.08)	1.2	(0.39)
	Greece	**440**	(4.8)	483	(3.8)	488	(3.6)	**486**	(3.9)	**20.1**	(1.92)	**2.0**	(0.11)	3.6	(0.70)
	Hungary	500	(4.4)	513	(3.7)	507	(3.5)	498	(3.5)	0.9	(2.26)	**1.3**	(0.11)	0.0	(0.05)
	Iceland	**503**	(3.5)	507	(3.1)	491	(3.9)	**471**	(3.7)	**-9.9**	(1.72)	**0.8**	(0.08)	1.2	(0.40)
	Ireland	508	(4.1)	511	(4.6)	512	(4.0)	510	(3.9)	**3.3**	(1.40)	1.1	(0.07)	0.1	(0.11)
	Italy	**465**	(2.8)	481	(2.7)	482	(2.7)	**477**	(2.8)	**5.1**	(1.41)	**1.4**	(0.08)	0.2	(0.14)
	Japan	**510**	(4.7)	536	(4.4)	548	(3.8)	**533**	(4.3)	**9.6**	(1.74)	**1.5**	(0.07)	0.9	(0.32)
	Korea	516	(4.6)	532	(3.9)	529	(4.1)	512	(3.9)	-0.6	(2.12)	**1.2**	(0.06)	0.0	(0.04)
	Luxembourg	**477**	(3.3)	489	(3.3)	496	(3.0)	**489**	(2.8)	**7.7**	(1.47)	**1.3**	(0.09)	0.7	(0.28)
	Mexico	**376**	(4.5)	425	(2.8)	421	(3.3)	**420**	(2.8)	**21.1**	(1.96)	**2.3**	(0.13)	5.0	(0.98)
	Netherlands	524	(4.6)	543	(4.1)	531	(4.4)	521	(3.9)	-0.8	(1.82)	**1.3**	(0.09)	0.0	(0.05)
	New Zealand	525	(4.3)	542	(4.1)	541	(3.6)	521	(3.6)	0.7	(1.71)	**1.2**	(0.07)	0.0	(0.03)
	Norway	485	(3.8)	503	(3.7)	496	(3.9)	478	(3.8)	1.2	(1.62)	**1.2**	(0.08)	0.0	(0.07)
	Poland	**478**	(3.3)	503	(3.0)	508	(3.4)	**503**	(2.9)	**10.6**	(1.28)	**1.6**	(0.08)	1.3	(0.31)
	Portugal	466	(5.5)	489	(3.4)	472	(3.8)	472	(4.1)	2.9	(1.88)	**1.4**	(0.10)	0.1	(0.11)
	Slovak Republic	494	(4.7)	491	(3.7)	490	(3.6)	485	(3.7)	-2.9	(2.16)	1.1	(0.08)	0.1	(0.12)
	Spain	**480**	(3.3)	498	(3.2)	491	(3.5)	**488**	(3.3)	**5.1**	(1.47)	**1.3**	(0.07)	0.2	(0.13)
	Sweden	496	(4.4)	510	(4.2)	519	(2.9)	496	(3.6)	2.4	(1.50)	**1.3**	(0.11)	0.1	(0.10)
	Switzerland	**494**	(4.9)	522	(4.4)	519	(3.4)	**514**	(3.1)	**11.4**	(1.76)	**1.4**	(0.07)	1.1	(0.36)
	Turkey	**403**	(5.2)	430	(5.2)	433	(4.7)	**431**	(4.8)	**19.1**	(2.35)	**1.8**	(0.16)	4.1	(0.95)
	United Kingdom	**499**	(3.8)	514	(3.5)	531	(2.9)	**523**	(3.6)	**11.7**	(1.38)	**1.4**	(0.06)	1.3	(0.29)
	United States	**469**	(6.3)	500	(5.4)	505	(4.4)	**487**	(4.0)	**8.9**	(1.37)	**1.6**	(0.10)	0.9	(0.26)
	OECD total	481	(2.1)	508	(1.7)	501	(1.2)	479	(1.3)	1.2	(0.76)	**1.4**	(0.03)	0.0	(0.02)
	OECD average	**490**	(0.8)	509	(0.7)	509	(0.7)	**500**	(0.7)	**6.0**	(0.33)	**1.4**	(0.02)	1.0	(0.07)
Partners	Argentina	**360**	(8.0)	399	(7.1)	411	(5.2)	**407**	(5.7)	**23.2**	(2.88)	**2.1**	(0.13)	4.5	(1.14)
	Azerbaijan	**368**	(3.3)	385	(3.3)	389	(3.5)	**392**	(3.5)	**8.4**	(1.04)	**1.6**	(0.11)	2.3	(0.58)
	Brazil	**349**	(3.5)	398	(4.2)	408	(3.8)	**410**	(3.5)	**24.2**	(1.81)	**2.3**	(0.14)	6.4	(0.79)
	Bulgaria	**414**	(7.5)	453	(6.9)	447	(6.3)	**435**	(6.0)	**10.1**	(2.36)	**1.7**	(0.14)	0.8	(0.39)
	Chile	**420**	(5.4)	441	(5.0)	447	(5.5)	**448**	(5.0)	**15.1**	(1.83)	**1.6**	(0.10)	1.8	(0.43)
	Colombia	**361**	(5.2)	401	(4.0)	397	(4.2)	**395**	(5.4)	**18.4**	(2.32)	**1.9**	(0.15)	3.8	(0.98)
	Croatia	495	(3.6)	502	(3.5)	490	(3.9)	487	(3.7)	-2.0	(1.84)	**1.2**	(0.08)	0.0	(0.08)
	Estonia	532	(4.1)	539	(3.8)	527	(2.9)	530	(3.5)	-0.2	(2.05)	1.1	(0.08)	0.0	(0.04)
	Hong Kong-China	**548**	(3.9)	553	(3.4)	541	(3.9)	**528**	(3.6)	**-7.3**	(1.75)	0.9	(0.06)	0.6	(0.28)
	Indonesia	**360**	(5.6)	405	(9.3)	405	(5.0)	**405**	(4.2)	**15.5**	(1.67)	**2.3**	(0.15)	5.0	(1.32)
	Israel	**423**	(5.1)	467	(4.8)	477	(4.3)	**473**	(4.7)	**18.0**	(2.20)	**1.8**	(0.10)	2.7	(0.65)
	Jordan	**389**	(3.7)	425	(3.9)	442	(3.7)	**437**	(3.4)	**19.8**	(1.59)	**2.0**	(0.12)	4.4	(0.68)
	Kyrgyzstan	**301**	(3.5)	329	(4.6)	334	(3.8)	**337**	(3.3)	**11.9**	(1.17)	**1.7**	(0.12)	2.9	(0.64)
	Latvia	491	(5.2)	492	(3.5)	492	(3.0)	484	(3.8)	-2.0	(1.85)	1.1	(0.07)	0.0	(0.07)
	Liechtenstein	513	(9.4)	530	(11.1)	536	(9.4)	515	(8.8)	1.6	(4.01)	1.2	(0.28)	0.0	(0.22)
	Lithuania	**489**	(4.7)	499	(4.2)	492	(3.9)	**474**	(3.0)	**-4.4**	(2.14)	1.1	(0.08)	0.2	(0.17)
	Macao-China	**493**	(2.8)	514	(2.6)	520	(2.6)	**518**	(2.9)	**8.4**	(1.33)	**1.6**	(0.11)	1.2	(0.39)
	Montenegro	**399**	(2.5)	419	(2.3)	425	(3.9)	**411**	(3.4)	**5.9**	(1.27)	**1.5**	(0.09)	0.5	(0.23)
	Qatar	**336**	(2.4)	354	(2.1)	369	(2.1)	**349**	(2.4)	**4.8**	(1.14)	**1.5**	(0.10)	0.4	(0.20)
	Romania	**396**	(4.6)	423	(5.7)	433	(4.4)	**423**	(4.8)	**11.4**	(1.82)	**1.7**	(0.10)	1.8	(0.63)
	Russian Federation	**460**	(5.9)	487	(4.0)	494	(3.9)	**478**	(4.2)	**9.0**	(2.62)	**1.5**	(0.13)	0.8	(0.44)
	Serbia	428	(4.1)	442	(4.0)	441	(3.8)	435	(3.8)	2.8	(1.50)	**1.3**	(0.08)	0.1	(0.11)
	Slovenia	509	(3.5)	536	(3.4)	524	(3.2)	515	(3.1)	2.4	(1.72)	**1.4**	(0.09)	0.1	(0.08)
	Chinese Taipei	**490**	(5.2)	554	(3.2)	544	(4.3)	**543**	(4.4)	**18.3**	(1.27)	**2.4**	(0.12)	4.7	(0.60)
	Thailand	**380**	(2.9)	432	(3.2)	438	(3.2)	**435**	(3.2)	**20.5**	(1.30)	**2.5**	(0.15)	6.9	(0.78)
	Tunisia	**360**	(4.0)	387	(4.1)	401	(3.9)	**398**	(3.1)	**16.0**	(1.54)	**1.8**	(0.10)	2.7	(0.53)
	Uruguay	431	(4.2)	434	(3.6)	433	(3.9)	423	(3.9)	-1.8	(1.98)	1.1	(0.07)	0.0	(0.06)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 1/2]

Table 3.18 Index of students' optimism regarding environmental issues and performance on the science scale, by quarters of the index[1]

Tableau 3.18 Indice d'optimisme à l'égard des problèmes environnementaux et scores sur l'échelle de culture scientifique, par quartile de l'indice

		Index of students' optimism regarding environmental issues															
		All students		Males		Females		Gender difference (M - F)		Bottom quarter		Second quarter		Third quarter		Top quarter	
		Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD	Australia	-0.13	(0.01)	-0.03	(0.02)	-0.24	(0.02)	**0.21**	(0.02)	-1.43	(0.01)	-0.42	(0.00)	0.20	(0.00)	1.13	(0.01)
	Austria	-0.21	(0.02)	-0.12	(0.02)	-0.31	(0.02)	**0.20**	(0.02)	-1.29	(0.01)	-0.40	(0.01)	0.08	(0.00)	0.76	(0.01)
	Belgium	-0.17	(0.01)	-0.11	(0.02)	-0.23	(0.02)	**0.12**	(0.02)	-1.41	(0.01)	-0.40	(0.01)	0.15	(0.00)	0.98	(0.02)
	Canada	-0.22	(0.01)	-0.07	(0.01)	-0.37	(0.02)	**0.30**	(0.02)	-1.54	(0.00)	-0.49	(0.00)	0.15	(0.00)	1.02	(0.01)
	Czech Republic	0.06	(0.02)	0.14	(0.02)	-0.04	(0.02)	**0.18**	(0.03)	-1.14	(0.02)	-0.15	(0.00)	0.36	(0.01)	1.17	(0.02)
	Denmark	0.07	(0.02)	0.16	(0.02)	-0.01	(0.02)	**0.17**	(0.03)	-1.01	(0.02)	-0.11	(0.01)	0.36	(0.00)	1.06	(0.02)
	Finland	0.00	(0.01)	0.10	(0.02)	-0.10	(0.02)	**0.20**	(0.02)	-1.13	(0.01)	-0.15	(0.00)	0.30	(0.00)	0.98	(0.02)
	France	-0.11	(0.02)	-0.09	(0.02)	-0.13	(0.02)	0.03	(0.03)	-1.30	(0.01)	-0.36	(0.01)	0.18	(0.00)	1.04	(0.02)
	Germany	-0.10	(0.01)	-0.01	(0.02)	-0.20	(0.02)	**0.19**	(0.03)	-1.25	(0.01)	-0.28	(0.01)	0.19	(0.00)	0.92	(0.02)
	Greece	0.06	(0.02)	0.20	(0.02)	-0.08	(0.02)	**0.29**	(0.03)	-1.25	(0.02)	-0.19	(0.00)	0.40	(0.01)	1.28	(0.02)
	Hungary	-0.05	(0.02)	-0.02	(0.02)	-0.09	(0.02)	**0.07**	(0.03)	-1.30	(0.01)	-0.24	(0.01)	0.25	(0.01)	1.09	(0.02)
	Iceland	0.03	(0.01)	0.09	(0.02)	-0.02	(0.02)	**0.12**	(0.03)	-1.17	(0.01)	-0.15	(0.00)	0.35	(0.00)	1.10	(0.02)
	Ireland	0.12	(0.02)	0.24	(0.02)	0.01	(0.02)	**0.23**	(0.03)	-1.10	(0.01)	-0.10	(0.01)	0.43	(0.01)	1.26	(0.02)
	Italy	0.03	(0.01)	0.11	(0.02)	-0.04	(0.02)	**0.15**	(0.02)	-1.15	(0.01)	-0.17	(0.00)	0.33	(0.00)	1.14	(0.01)
	Japan	0.10	(0.02)	0.16	(0.03)	0.04	(0.02)	**0.12**	(0.03)	-1.30	(0.01)	-0.09	(0.01)	0.48	(0.00)	1.32	(0.02)
	Korea	0.37	(0.02)	0.42	(0.03)	0.31	(0.02)	**0.11**	(0.03)	-1.08	(0.01)	0.11	(0.01)	0.68	(0.00)	1.76	(0.02)
	Luxembourg	-0.18	(0.01)	-0.09	(0.02)	-0.26	(0.02)	**0.17**	(0.02)	-1.43	(0.01)	-0.41	(0.01)	0.13	(0.00)	0.99	(0.02)
	Mexico	-0.14	(0.02)	-0.14	(0.03)	-0.14	(0.03)	0.00	(0.03)	-1.55	(0.00)	-0.52	(0.00)	0.14	(0.01)	1.35	(0.02)
	Netherlands	0.09	(0.02)	0.16	(0.03)	0.02	(0.02)	**0.15**	(0.04)	-1.15	(0.01)	-0.12	(0.01)	0.42	(0.01)	1.22	(0.02)
	New Zealand	-0.22	(0.02)	-0.14	(0.02)	-0.30	(0.02)	**0.15**	(0.03)	-1.53	(0.01)	-0.49	(0.01)	0.13	(0.00)	1.01	(0.02)
	Norway	0.42	(0.02)	0.54	(0.02)	0.30	(0.02)	**0.24**	(0.03)	-0.80	(0.02)	0.19	(0.01)	0.67	(0.00)	1.64	(0.02)
	Poland	0.19	(0.02)	0.26	(0.02)	0.12	(0.02)	**0.15**	(0.03)	-1.10	(0.02)	-0.06	(0.01)	0.50	(0.00)	1.42	(0.02)
	Portugal	-0.20	(0.02)	-0.09	(0.03)	-0.30	(0.03)	**0.21**	(0.03)	-1.59	(0.00)	-0.57	(0.01)	0.04	(0.01)	1.32	(0.02)
	Slovak Republic	-0.08	(0.02)	-0.02	(0.02)	-0.15	(0.02)	**0.12**	(0.03)	-1.34	(0.01)	-0.33	(0.01)	0.24	(0.00)	1.10	(0.02)
	Spain	0.17	(0.01)	0.24	(0.02)	0.10	(0.02)	**0.14**	(0.03)	-1.12	(0.01)	-0.07	(0.00)	0.50	(0.00)	1.38	(0.01)
	Sweden	0.19	(0.02)	0.29	(0.02)	0.10	(0.02)	**0.19**	(0.03)	-1.06	(0.01)	-0.01	(0.01)	0.51	(0.00)	1.33	(0.02)
	Switzerland	-0.10	(0.01)	-0.02	(0.01)	-0.18	(0.01)	**0.16**	(0.02)	-1.26	(0.01)	-0.29	(0.00)	0.18	(0.00)	0.98	(0.01)
	Turkey	-0.08	(0.03)	0.04	(0.03)	-0.22	(0.04)	**0.25**	(0.05)	-1.61	(0.00)	-0.61	(0.01)	0.31	(0.01)	1.60	(0.03)
	United Kingdom	-0.07	(0.01)	0.05	(0.02)	-0.19	(0.02)	**0.24**	(0.03)	-1.45	(0.01)	-0.36	(0.01)	0.27	(0.00)	1.25	(0.02)
	United States	0.14	(0.03)	0.32	(0.03)	-0.04	(0.03)	**0.36**	(0.03)	-1.33	(0.01)	-0.11	(0.00)	0.49	(0.01)	1.50	(0.02)
	OECD total	0.03	(0.01)	0.14	(0.01)	-0.07	(0.01)	**0.20**	(0.01)	-1.34	(0.00)	-0.24	(0.00)	0.38	(0.00)	1.34	(0.01)
	OECD average	0.00	(0.00)	0.09	(0.00)	-0.09	(0.00)	**0.17**	(0.01)	-1.27	(0.00)	-0.25	(0.00)	0.31	(0.00)	1.20	(0.00)
Partners	Argentina	0.15	(0.03)	0.12	(0.03)	0.19	(0.04)	-0.07	(0.04)	-1.34	(0.01)	-0.15	(0.01)	0.55	(0.01)	1.57	(0.02)
	Azerbaijan	0.63	(0.04)	0.54	(0.04)	0.72	(0.04)	**-0.18**	(0.04)	-1.01	(0.03)	0.33	(0.01)	1.01	(0.01)	2.19	(0.02)
	Brazil	0.01	(0.02)	0.01	(0.03)	0.01	(0.02)	0.00	(0.03)	-1.60	(0.00)	-0.43	(0.01)	0.41	(0.01)	1.66	(0.02)
	Bulgaria	0.68	(0.03)	0.82	(0.03)	0.54	(0.03)	**0.28**	(0.04)	-0.89	(0.02)	0.39	(0.01)	1.02	(0.01)	2.22	(0.02)
	Chile	0.29	(0.03)	0.31	(0.03)	0.27	(0.03)	0.04	(0.04)	-1.08	(0.01)	0.03	(0.01)	0.64	(0.01)	1.58	(0.02)
	Colombia	0.30	(0.06)	0.35	(0.04)	0.26	(0.08)	0.09	(0.06)	-1.29	(0.02)	-0.10	(0.01)	0.68	(0.01)	1.91	(0.02)
	Croatia	-0.29	(0.02)	-0.20	(0.02)	-0.38	(0.03)	**0.18**	(0.03)	-1.61	(0.00)	-0.62	(0.01)	0.00	(0.01)	1.06	(0.02)
	Estonia	0.02	(0.02)	0.09	(0.02)	-0.06	(0.02)	**0.15**	(0.03)	-1.18	(0.01)	-0.20	(0.01)	0.29	(0.01)	1.18	(0.02)
	Hong Kong-China	0.33	(0.02)	0.36	(0.02)	0.30	(0.02)	0.05	(0.03)	-0.94	(0.02)	0.09	(0.01)	0.65	(0.00)	1.52	(0.02)
	Indonesia	0.16	(0.02)	0.18	(0.03)	0.13	(0.02)	0.05	(0.03)	-1.26	(0.01)	-0.09	(0.01)	0.50	(0.00)	1.49	(0.02)
	Israel	0.48	(0.02)	0.55	(0.03)	0.42	(0.03)	**0.13**	(0.05)	-0.98	(0.02)	0.22	(0.01)	0.82	(0.01)	1.86	(0.02)
	Jordan	0.24	(0.03)	0.32	(0.04)	0.17	(0.04)	**0.15**	(0.05)	-1.39	(0.01)	-0.13	(0.01)	0.66	(0.01)	1.82	(0.02)
	Kyrgyzstan	0.72	(0.03)	0.65	(0.03)	0.79	(0.03)	**-0.15**	(0.04)	-0.83	(0.02)	0.50	(0.01)	1.10	(0.01)	2.12	(0.02)
	Latvia	0.16	(0.02)	0.22	(0.03)	0.10	(0.02)	**0.11**	(0.03)	-0.86	(0.02)	-0.07	(0.01)	0.40	(0.00)	1.18	(0.02)
	Liechtenstein	-0.26	(0.05)	-0.24	(0.09)	-0.28	(0.07)	0.05	(0.12)	-1.50	(0.03)	-0.48	(0.02)	0.07	(0.02)	0.89	(0.06)
	Lithuania	0.18	(0.02)	0.21	(0.03)	0.15	(0.02)	0.06	(0.03)	-1.07	(0.02)	-0.08	(0.01)	0.47	(0.01)	1.42	(0.02)
	Macao-China	0.36	(0.02)	0.46	(0.03)	0.25	(0.02)	**0.21**	(0.04)	-0.99	(0.02)	0.06	(0.01)	0.66	(0.01)	1.70	(0.02)
	Montenegro	0.60	(0.02)	0.64	(0.03)	0.56	(0.03)	**0.08**	(0.04)	-0.79	(0.02)	0.31	(0.01)	0.88	(0.01)	1.99	(0.02)
	Qatar	0.73	(0.02)	0.75	(0.02)	0.72	(0.02)	0.03	(0.03)	-0.78	(0.02)	0.46	(0.01)	1.01	(0.01)	2.24	(0.02)
	Romania	0.51	(0.02)	0.58	(0.03)	0.45	(0.02)	**0.13**	(0.04)	-0.76	(0.02)	0.23	(0.01)	0.78	(0.01)	1.80	(0.04)
	Russian Federation	0.57	(0.01)	0.60	(0.02)	0.55	(0.02)	**0.06**	(0.03)	-0.56	(0.02)	0.29	(0.00)	0.80	(0.00)	1.76	(0.02)
	Serbia	0.28	(0.02)	0.37	(0.03)	0.19	(0.03)	**0.19**	(0.04)	-1.19	(0.02)	-0.05	(0.01)	0.61	(0.01)	1.75	(0.02)
	Slovenia	-0.12	(0.02)	0.00	(0.02)	-0.24	(0.02)	**0.24**	(0.03)	-1.34	(0.01)	-0.37	(0.01)	0.19	(0.01)	1.04	(0.02)
	Chinese Taipei	0.03	(0.02)	0.06	(0.02)	-0.01	(0.03)	0.07	(0.04)	-1.44	(0.01)	-0.32	(0.01)	0.40	(0.01)	1.48	(0.02)
	Thailand	0.58	(0.02)	0.61	(0.03)	0.56	(0.03)	0.05	(0.04)	-1.02	(0.02)	0.26	(0.01)	0.94	(0.01)	2.12	(0.02)
	Tunisia	0.30	(0.03)	0.29	(0.03)	0.31	(0.03)	-0.02	(0.04)	-1.13	(0.02)	0.11	(0.01)	0.72	(0.00)	1.49	(0.02)
	Uruguay	-0.03	(0.02)	-0.04	(0.03)	-0.01	(0.03)	-0.03	(0.05)	-1.49	(0.01)	-0.40	(0.01)	0.34	(0.01)	1.44	(0.02)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
StatLink http://dx.doi.org/10.1787/142102278412

Pour consulter la version française intégrale de ce tableau, suivre ce lien :
StatLink http://dx.doi.org/10.1787/152630454851

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[Part 2/2]

Table 3.18 Index of students' optimism regarding environmental issues and performance on the science scale, by quarters of the index[1]

Tableau 3.18 Indice d'optimisme à l'égard des problèmes environnementaux et scores sur l'échelle de culture scientifique, par quartile de l'indice

		Performance on the science scale, by quarters of this index								Change in the science score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the science performance distribution		Explained variance in student performance (r-squared x 100)	
		Bottom quarter		Second quarter		Third quarter		Top quarter							
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E	Effect	S.E.	Ratio	S.E.	Percentage	S.E.
OECD	Australia	**536**	(2.7)	537	(2.8)	535	(2.7)	**505**	(3.6)	**-12.2**	(1.11)	**0.8**	(0.04)	1.6	(0.29)
	Austria	**525**	(4.6)	525	(4.6)	511	(4.7)	**488**	(6.8)	**-19.5**	(2.61)	**0.8**	(0.06)	2.7	(0.68)
	Belgium	**532**	(2.4)	534	(2.9)	521	(2.8)	**476**	(4.4)	**-22.6**	(1.80)	**0.6**	(0.04)	4.9	(0.72)
	Canada	**540**	(2.6)	545	(2.7)	542	(2.3)	**520**	(2.6)	**-8.6**	(1.02)	**0.9**	(0.05)	0.9	(0.21)
	Czech Republic	**531**	(3.9)	527	(4.1)	524	(4.3)	**495**	(6.2)	**-15.1**	(2.11)	**0.7**	(0.05)	2.1	(0.60)
	Denmark	**506**	(4.0)	502	(3.9)	498	(4.3)	**483**	(4.8)	**-9.7**	(2.34)	**0.8**	(0.06)	0.8	(0.38)
	Finland	**579**	(3.0)	574	(2.9)	563	(3.9)	**539**	(3.3)	**-17.4**	(1.49)	**0.7**	(0.05)	3.0	(0.51)
	France	**532**	(4.2)	523	(3.7)	495	(4.5)	**441**	(4.9)	**-35.6**	(2.06)	**0.5**	(0.05)	11.0	(1.11)
	Germany	**524**	(4.8)	533	(4.0)	528	(5.2)	**506**	(5.5)	**-8.5**	(1.99)	0.9	(0.07)	0.6	(0.27)
	Greece	**501**	(3.4)	498	(3.7)	473	(4.1)	**424**	(4.2)	**-28.3**	(1.48)	**0.5**	(0.05)	9.5	(0.90)
	Hungary	**523**	(3.4)	519	(3.2)	505	(4.0)	**471**	(3.8)	**-21.3**	(1.67)	**0.6**	(0.06)	5.2	(0.81)
	Iceland	**509**	(3.0)	504	(3.4)	492	(3.1)	**465**	(3.6)	**-19.5**	(1.70)	**0.7**	(0.06)	3.4	(0.58)
	Ireland	**527**	(3.8)	517	(3.8)	510	(4.3)	**486**	(4.5)	**-17.3**	(1.55)	**0.7**	(0.05)	3.1	(0.52)
	Italy	**509**	(2.5)	498	(2.6)	473	(2.6)	**425**	(2.8)	**-32.9**	(1.38)	**0.4**	(0.03)	10.0	(0.75)
	Japan	**532**	(4.5)	539	(4.0)	533	(4.3)	**522**	(4.3)	**-4.6**	(1.50)	1.0	(0.07)	0.2	(0.15)
	Korea	**523**	(3.3)	530	(4.2)	531	(4.3)	**505**	(5.1)	**-6.6**	(1.50)	0.9	(0.07)	0.7	(0.30)
	Luxembourg	**505**	(2.4)	506	(2.5)	488	(2.8)	**451**	(2.8)	**-21.9**	(1.29)	**0.7**	(0.05)	4.7	(0.56)
	Mexico	**439**	(3.0)	430	(2.5)	409	(3.5)	**363**	(3.7)	**-25.1**	(1.49)	**0.5**	(0.05)	12.2	(1.24)
	Netherlands	**533**	(3.5)	534	(3.6)	536	(4.4)	**515**	(5.6)	**-8.1**	(2.08)	**0.8**	(0.07)	0.7	(0.34)
	New Zealand	**550**	(3.4)	551	(3.7)	533	(3.5)	**495**	(4.4)	**-22.9**	(1.39)	**0.7**	(0.05)	4.6	(0.57)
	Norway	**496**	(3.4)	508	(3.0)	486	(4.2)	**472**	(3.8)	**-10.4**	(1.55)	**0.8**	(0.06)	1.2	(0.36)
	Poland	**512**	(3.1)	513	(3.0)	496	(3.4)	**472**	(3.6)	**-15.6**	(1.25)	**0.6**	(0.05)	3.1	(0.49)
	Portugal	**502**	(3.0)	491	(3.5)	480	(4.2)	**426**	(4.6)	**-24.8**	(1.40)	**0.5**	(0.04)	10.3	(1.06)
	Slovak Republic	**505**	(3.9)	504	(3.4)	495	(4.0)	**456**	(4.2)	**-19.4**	(1.82)	**0.6**	(0.07)	4.1	(0.79)
	Spain	**505**	(3.4)	505	(3.1)	492	(3.1)	**455**	(3.2)	**-20.3**	(1.21)	**0.6**	(0.05)	5.0	(0.59)
	Sweden	**514**	(3.3)	513	(3.4)	506	(4.1)	**489**	(3.8)	**-11.5**	(1.44)	**0.8**	(0.06)	1.5	(0.35)
	Switzerland	**528**	(3.5)	523	(3.2)	515	(3.8)	**482**	(4.9)	**-19.7**	(1.76)	**0.7**	(0.04)	3.1	(0.53)
	Turkey	**450**	(5.3)	447	(5.1)	416	(4.6)	**383**	(2.9)	**-21.2**	(1.68)	**0.5**	(0.05)	10.5	(1.15)
	United Kingdom	**530**	(3.4)	530	(3.4)	525	(3.6)	**482**	(4.2)	**-17.7**	(1.43)	**0.7**	(0.06)	3.1	(0.49)
	United States	**508**	(4.1)	509	(4.2)	487	(5.6)	**456**	(6.9)	**-19.4**	(2.23)	**0.6**	(0.05)	4.2	(0.90)
	OECD total	**505**	(1.5)	507	(1.3)	498	(1.4)	**460**	(2.3)	**-16.5**	(0.89)	**0.7**	(0.02)	2.8	(0.30)
	OECD average	**517**	(0.7)	516	(0.6)	503	(0.7)	**472**	(0.8)	**-17.9**	(0.31)	**0.7**	(0.01)	4.3	(0.12)
Partners	Argentina	**431**	(5.3)	424	(5.3)	385	(7.9)	**338**	(6.2)	**-31.4**	(1.90)	**0.4**	(0.05)	12.8	(1.34)
	Azerbaijan	385	(3.4)	387	(3.7)	382	(3.4)	379	(3.3)	**-1.7**	(0.85)	1.0	(0.08)	0.1	(0.14)
	Brazil	**429**	(3.7)	415	(3.6)	381	(3.6)	**340**	(2.9)	**-26.8**	(1.03)	**0.4**	(0.04)	14.3	(0.99)
	Bulgaria	**475**	(6.2)	452	(7.9)	418	(6.5)	**407**	(5.6)	**-20.3**	(2.01)	**0.4**	(0.06)	5.5	(0.95)
	Chile	**480**	(4.7)	456	(4.5)	428	(4.4)	**390**	(4.2)	**-32.7**	(1.16)	**0.3**	(0.03)	14.1	(0.88)
	Colombia	**428**	(4.4)	408	(4.3)	375	(4.4)	**344**	(4.8)	**-25.5**	(1.86)	**0.3**	(0.05)	13.9	(1.61)
	Croatia	**512**	(3.1)	509	(2.9)	502	(3.2)	**451**	(3.6)	**-23.6**	(1.30)	**0.6**	(0.05)	8.3	(0.91)
	Estonia	**558**	(3.3)	546	(3.1)	531	(3.1)	**491**	(4.0)	**-25.6**	(1.65)	**0.5**	(0.05)	8.2	(0.98)
	Hong Kong-China	**548**	(4.3)	556	(3.5)	541	(3.5)	**526**	(3.7)	**-9.6**	(1.72)	0.9	(0.07)	1.1	(0.38)
	Indonesia	**417**	(6.1)	399	(6.1)	384	(7.2)	**374**	(5.0)	**-14.9**	(1.45)	**0.5**	(0.04)	5.3	(0.78)
	Israel	**496**	(4.3)	487	(4.5)	436	(5.4)	**423**	(4.9)	**-23.8**	(1.78)	**0.5**	(0.05)	5.9	(0.87)
	Jordan	**464**	(3.6)	445	(4.1)	406	(3.5)	**377**	(3.1)	**-27.1**	(1.19)	**0.4**	(0.04)	14.4	(1.07)
	Kyrgyzstan	328	(4.8)	325	(3.7)	326	(3.7)	321	(3.4)	-1.0	(1.54)	1.0	(0.09)	0.0	(0.07)
	Latvia	**504**	(3.2)	504	(4.0)	490	(4.1)	**461**	(5.0)	**-19.2**	(2.05)	**0.7**	(0.06)	3.6	(0.74)
	Liechtenstein	**527**	(10.3)	542	(10.2)	528	(10.6)	**492**	(11.1)	**-11.5**	(5.12)	0.9	(0.26)	1.3	(1.10)
	Lithuania	**501**	(3.5)	498	(3.4)	489	(4.4)	**465**	(4.1)	**-14.0**	(1.37)	**0.7**	(0.06)	2.4	(0.49)
	Macao-China	**520**	(2.7)	521	(2.6)	515	(2.6)	**488**	(2.5)	**-11.4**	(1.42)	**0.8**	(0.06)	2.5	(0.61)
	Montenegro	**447**	(2.8)	429	(2.6)	402	(2.6)	**373**	(2.1)	**-24.5**	(1.17)	**0.4**	(0.04)	11.6	(1.05)
	Qatar	**381**	(2.6)	359	(2.3)	340	(2.3)	**328**	(1.9)	**-15.9**	(1.16)	**0.6**	(0.06)	5.1	(0.70)
	Romania	**446**	(4.7)	434	(4.9)	402	(5.2)	**392**	(4.9)	**-19.7**	(1.45)	**0.5**	(0.05)	6.3	(0.84)
	Russian Federation	**489**	(4.0)	495	(4.5)	471	(4.5)	**463**	(4.3)	**-9.8**	(1.48)	**0.8**	(0.06)	1.1	(0.32)
	Serbia	**468**	(3.3)	460	(3.7)	425	(3.8)	**391**	(3.7)	**-25.5**	(1.38)	**0.4**	(0.05)	12.0	(1.16)
	Slovenia	**523**	(2.9)	530	(3.0)	526	(3.8)	**505**	(4.0)	**-7.9**	(1.90)	0.9	(0.07)	0.6	(0.30)
	Chinese Taipei	**528**	(4.2)	549	(3.4)	543	(4.2)	**511**	(5.0)	**-8.8**	(1.29)	1.0	(0.06)	1.2	(0.34)
	Thailand	**460**	(3.2)	433	(2.7)	402	(3.4)	**391**	(2.9)	**-21.9**	(1.22)	**0.4**	(0.05)	12.0	(1.14)
	Tunisia	**435**	(4.5)	405	(4.6)	357	(3.3)	**349**	(2.8)	**-32.5**	(1.75)	**0.3**	(0.04)	17.0	(1.30)
	Uruguay	**464**	(3.0)	447	(3.9)	428	(4.3)	**382**	(4.0)	**-27.7**	(1.42)	**0.4**	(0.05)	11.4	(1.13)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
StatLink http://dx.doi.org/10.1787/142102278412

Pour consulter la version française intégrale de ce tableau, suivre ce lien :
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[Part 1/2]

Table 3.19 Index of students' responsibility for sustainable development and performance on the science scale, by quarters of the index[1]

Tableau 3.19 Indice de responsabilisation à l'égard du développement durable et scores sur l'échelle de culture scientifique, par quartile de l'indice

		Index of students' responsibility for sustainable development															
		All students		Males		Females		Gender difference (M - F)		Bottom quarter		Second quarter		Third quarter		Top quarter	
		Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD	Australia	-0.25	(0.01)	-0.34	(0.02)	-0.16	(0.01)	**-0.18**	(0.02)	-1.24	(0.01)	-0.57	(0.00)	-0.12	(0.00)	0.93	(0.01)
	Austria	0.01	(0.02)	-0.07	(0.03)	0.09	(0.03)	**-0.16**	(0.04)	-1.24	(0.01)	-0.34	(0.01)	0.33	(0.01)	1.28	(0.02)
	Belgium	0.01	(0.02)	-0.03	(0.03)	0.06	(0.02)	**-0.09**	(0.03)	-1.07	(0.02)	-0.36	(0.00)	0.23	(0.00)	1.25	(0.01)
	Canada	0.02	(0.02)	-0.10	(0.02)	0.13	(0.02)	**-0.23**	(0.03)	-1.13	(0.01)	-0.42	(0.00)	0.20	(0.01)	1.43	(0.02)
	Czech Republic	-0.29	(0.02)	-0.28	(0.02)	-0.30	(0.02)	0.03	(0.03)	-1.21	(0.02)	-0.61	(0.01)	-0.14	(0.01)	0.81	(0.03)
	Denmark	-0.25	(0.01)	-0.37	(0.02)	-0.13	(0.02)	**-0.24**	(0.03)	-1.25	(0.01)	-0.58	(0.00)	-0.11	(0.01)	0.94	(0.02)
	Finland	-0.10	(0.02)	-0.36	(0.02)	0.15	(0.03)	**-0.51**	(0.03)	-1.26	(0.02)	-0.51	(0.00)	0.09	(0.01)	1.27	(0.02)
	France	0.28	(0.02)	0.27	(0.03)	0.28	(0.03)	-0.01	(0.03)	-0.88	(0.02)	-0.11	(0.01)	0.53	(0.01)	1.57	(0.02)
	Germany	-0.10	(0.02)	-0.13	(0.03)	-0.07	(0.03)	**-0.06**	(0.03)	-1.34	(0.02)	-0.42	(0.01)	0.18	(0.00)	1.17	(0.02)
	Greece	0.17	(0.02)	0.12	(0.03)	0.21	(0.02)	**-0.09**	(0.04)	-0.92	(0.01)	-0.18	(0.01)	0.40	(0.01)	1.37	(0.02)
	Hungary	0.22	(0.02)	0.20	(0.02)	0.24	(0.02)	-0.04	(0.03)	-0.87	(0.02)	-0.14	(0.01)	0.44	(0.01)	1.45	(0.02)
	Iceland	-0.28	(0.02)	-0.41	(0.03)	-0.14	(0.02)	**-0.27**	(0.03)	-1.44	(0.02)	-0.64	(0.01)	-0.08	(0.01)	1.05	(0.02)
	Ireland	-0.01	(0.02)	-0.10	(0.02)	0.08	(0.02)	**-0.18**	(0.03)	-1.08	(0.02)	-0.37	(0.01)	0.23	(0.01)	1.19	(0.01)
	Italy	0.08	(0.01)	0.04	(0.02)	0.13	(0.02)	**-0.10**	(0.02)	-0.88	(0.01)	-0.24	(0.00)	0.28	(0.00)	1.19	(0.01)
	Japan	0.04	(0.02)	-0.01	(0.02)	0.09	(0.02)	**-0.09**	(0.03)	-1.10	(0.02)	-0.34	(0.00)	0.26	(0.01)	1.33	(0.02)
	Korea	0.43	(0.02)	0.38	(0.02)	0.47	(0.02)	**-0.09**	(0.03)	-0.64	(0.01)	0.02	(0.01)	0.62	(0.01)	1.70	(0.02)
	Luxembourg	0.08	(0.02)	0.03	(0.02)	0.12	(0.02)	**-0.09**	(0.03)	-1.26	(0.02)	-0.28	(0.01)	0.37	(0.01)	1.47	(0.02)
	Mexico	0.39	(0.01)	0.37	(0.02)	0.41	(0.02)	-0.03	(0.03)	-0.72	(0.02)	0.08	(0.00)	0.62	(0.00)	1.59	(0.01)
	Netherlands	-0.48	(0.01)	-0.48	(0.02)	-0.47	(0.02)	0.00	(0.02)	-1.37	(0.01)	-0.79	(0.00)	-0.35	(0.00)	0.61	(0.02)
	New Zealand	-0.34	(0.01)	-0.44	(0.02)	-0.26	(0.02)	**-0.17**	(0.03)	-1.30	(0.02)	-0.66	(0.00)	-0.21	(0.01)	0.79	(0.02)
	Norway	-0.27	(0.02)	-0.41	(0.03)	-0.13	(0.02)	**-0.28**	(0.03)	-1.49	(0.03)	-0.61	(0.01)	-0.08	(0.01)	1.09	(0.02)
	Poland	0.17	(0.01)	0.12	(0.02)	0.21	(0.02)	**-0.09**	(0.03)	-0.88	(0.01)	-0.27	(0.00)	0.36	(0.01)	1.46	(0.02)
	Portugal	0.52	(0.01)	0.50	(0.02)	0.55	(0.02)	**-0.06**	(0.03)	-0.54	(0.01)	0.12	(0.01)	0.74	(0.01)	1.78	(0.01)
	Slovak Republic	-0.25	(0.02)	-0.17	(0.02)	-0.33	(0.02)	**0.16**	(0.03)	-1.17	(0.01)	-0.56	(0.00)	-0.09	(0.01)	0.83	(0.02)
	Spain	0.31	(0.01)	0.30	(0.02)	0.33	(0.02)	-0.03	(0.03)	-0.75	(0.01)	-0.06	(0.00)	0.52	(0.00)	1.54	(0.01)
	Sweden	-0.33	(0.02)	-0.46	(0.03)	-0.19	(0.02)	**-0.27**	(0.03)	-1.50	(0.02)	-0.65	(0.01)	-0.15	(0.01)	0.97	(0.02)
	Switzerland	0.04	(0.02)	-0.01	(0.02)	0.11	(0.02)	**-0.12**	(0.03)	-1.19	(0.01)	-0.32	(0.01)	0.33	(0.00)	1.36	(0.01)
	Turkey	0.73	(0.03)	0.66	(0.04)	0.81	(0.04)	**-0.15**	(0.03)	-0.66	(0.07)	0.32	(0.01)	1.06	(0.01)	2.20	(0.01)
	United Kingdom	-0.27	(0.01)	-0.31	(0.02)	-0.23	(0.02)	**-0.08**	(0.03)	-1.29	(0.01)	-0.63	(0.00)	-0.15	(0.00)	1.00	(0.02)
	United States	-0.33	(0.02)	-0.39	(0.02)	-0.27	(0.02)	**-0.12**	(0.03)	-1.34	(0.02)	-0.65	(0.01)	-0.22	(0.01)	0.90	(0.02)
	OECD total	0.00	(0.01)	-0.04	(0.01)	0.05	(0.01)	**-0.09**	(0.01)	-1.15	(0.01)	-0.40	(0.00)	0.22	(0.00)	1.34	(0.01)
	OECD average	0.00	(0.00)	-0.06	(0.00)	0.06	(0.00)	**-0.12**	(0.01)	-1.10	(0.00)	-0.36	(0.00)	0.20	(0.00)	1.25	(0.00)
Partners	Argentina	0.04	(0.02)	0.08	(0.03)	0.00	(0.02)	**0.08**	(0.03)	-1.01	(0.02)	-0.30	(0.00)	0.26	(0.01)	1.20	(0.02)
	Azerbaijan	0.02	(0.02)	0.02	(0.03)	0.02	(0.03)	0.00	(0.03)	-1.06	(0.02)	-0.34	(0.00)	0.19	(0.01)	1.30	(0.02)
	Brazil	0.06	(0.01)	0.06	(0.02)	0.05	(0.02)	0.01	(0.03)	-0.90	(0.01)	-0.31	(0.00)	0.23	(0.01)	1.22	(0.02)
	Bulgaria	0.04	(0.02)	0.01	(0.02)	0.06	(0.02)	-0.05	(0.03)	-0.96	(0.01)	-0.32	(0.00)	0.19	(0.01)	1.24	(0.02)
	Chile	0.37	(0.02)	0.43	(0.02)	0.30	(0.03)	**0.12**	(0.04)	-0.73	(0.02)	0.04	(0.01)	0.60	(0.01)	1.57	(0.02)
	Colombia	0.19	(0.02)	0.25	(0.03)	0.14	(0.02)	**0.11**	(0.04)	-0.82	(0.01)	-0.13	(0.01)	0.39	(0.01)	1.34	(0.02)
	Croatia	0.00	(0.01)	0.02	(0.02)	-0.02	(0.02)	0.04	(0.02)	-0.92	(0.01)	-0.31	(0.00)	0.19	(0.00)	1.04	(0.01)
	Estonia	-0.17	(0.02)	-0.21	(0.02)	-0.13	(0.03)	**-0.08**	(0.03)	-1.19	(0.01)	-0.50	(0.01)	0.04	(0.01)	0.98	(0.02)
	Hong Kong-China	0.29	(0.02)	0.30	(0.02)	0.28	(0.02)	0.02	(0.03)	-0.66	(0.01)	-0.10	(0.01)	0.47	(0.01)	1.46	(0.02)
	Indonesia	-0.02	(0.02)	0.02	(0.03)	-0.06	(0.02)	**0.08**	(0.03)	-0.89	(0.01)	-0.30	(0.01)	0.17	(0.00)	0.96	(0.02)
	Israel	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Jordan	0.25	(0.02)	0.16	(0.03)	0.34	(0.03)	**-0.19**	(0.04)	-0.94	(0.02)	-0.06	(0.01)	0.51	(0.00)	1.49	(0.02)
	Kyrgyzstan	0.02	(0.02)	-0.01	(0.02)	0.05	(0.02)	**-0.06**	(0.02)	-1.02	(0.01)	-0.33	(0.00)	0.22	(0.00)	1.23	(0.02)
	Latvia	-0.38	(0.02)	-0.38	(0.02)	-0.39	(0.02)	0.01	(0.02)	-1.22	(0.01)	-0.66	(0.01)	-0.24	(0.01)	0.58	(0.02)
	Liechtenstein	0.05	(0.06)	0.02	(0.11)	0.08	(0.06)	-0.06	(0.12)	-1.20	(0.07)	-0.32	(0.02)	0.31	(0.02)	1.42	(0.06)
	Lithuania	-0.04	(0.02)	-0.05	(0.02)	-0.02	(0.02)	-0.03	(0.02)	-1.01	(0.01)	-0.39	(0.00)	0.15	(0.01)	1.10	(0.02)
	Macao-China	0.36	(0.01)	0.33	(0.02)	0.39	(0.02)	**-0.06**	(0.03)	-0.62	(0.01)	0.02	(0.00)	0.55	(0.01)	1.49	(0.01)
	Montenegro	0.27	(0.01)	0.27	(0.02)	0.27	(0.02)	0.00	(0.03)	-0.84	(0.02)	-0.10	(0.01)	0.48	(0.01)	1.55	(0.02)
	Qatar	0.21	(0.01)	0.13	(0.02)	0.28	(0.02)	**-0.16**	(0.03)	-1.18	(0.02)	-0.21	(0.01)	0.50	(0.01)	1.72	(0.01)
	Romania	-0.11	(0.02)	-0.08	(0.02)	-0.13	(0.02)	**0.05**	(0.03)	-1.10	(0.02)	-0.45	(0.01)	0.07	(0.01)	1.05	(0.03)
	Russian Federation	0.00	(0.01)	0.02	(0.02)	-0.01	(0.01)	0.03	(0.02)	-0.94	(0.01)	-0.35	(0.00)	0.18	(0.01)	1.10	(0.02)
	Serbia	0.15	(0.02)	0.21	(0.03)	0.10	(0.02)	**0.11**	(0.03)	-0.90	(0.02)	-0.24	(0.01)	0.34	(0.01)	1.42	(0.02)
	Slovenia	0.17	(0.02)	0.11	(0.02)	0.23	(0.02)	**-0.12**	(0.03)	-0.94	(0.01)	-0.20	(0.01)	0.39	(0.01)	1.44	(0.02)
	Chinese Taipei	0.76	(0.01)	0.72	(0.02)	0.81	(0.02)	**-0.08**	(0.03)	-0.43	(0.01)	0.40	(0.00)	1.04	(0.01)	2.06	(0.01)
	Thailand	0.30	(0.01)	0.19	(0.02)	0.38	(0.02)	**-0.19**	(0.03)	-0.67	(0.01)	-0.09	(0.01)	0.52	(0.00)	1.43	(0.02)
	Tunisia	0.19	(0.02)	0.16	(0.03)	0.22	(0.02)	-0.06	(0.04)	-0.96	(0.02)	-0.12	(0.01)	0.45	(0.01)	1.39	(0.02)
	Uruguay	0.04	(0.02)	0.05	(0.03)	0.04	(0.02)	0.02	(0.03)	-0.96	(0.02)	-0.31	(0.00)	0.24	(0.01)	1.21	(0.02)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
StatLink http://dx.doi.org/10.1787/142102278412

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[Part 2/2]

Table 3.19 Index of students' responsibility for sustainable development and performance on the science scale, by quarters of the index[1]

Tableau 3.19 Indice de responsabilisation à l'égard du développement durable et scores sur l'échelle de culture scientifique, par quartile de l'indice

		Performance on the science scale, by quarters of this index								Change in the science score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the science performance distribution		Explained variance in student performance (r-squared x 100)	
		Bottom quarter		Second quarter		Third quarter		Top quarter							
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E	Effect	S.E.	Ratio	S.E.	Percentage	S.E.
OECD	Australia	**495**	(2.8)	511	(2.6)	538	(2.8)	**570**	(2.6)	**31.7**	(1.16)	**1.8**	(0.06)	8.2	(0.56)
	Austria	**474**	(4.7)	503	(5.1)	528	(4.8)	**545**	(4.1)	**26.6**	(1.77)	**1.9**	(0.11)	7.6	(0.83)
	Belgium	**488**	(3.7)	508	(3.5)	525	(3.2)	**542**	(2.9)	**22.4**	(1.84)	**1.6**	(0.08)	4.7	(0.78)
	Canada	**509**	(2.4)	519	(2.9)	549	(2.9)	**570**	(2.7)	**23.8**	(1.07)	**1.6**	(0.07)	6.9	(0.62)
	Czech Republic	**487**	(4.7)	511	(4.6)	528	(4.4)	**548**	(4.4)	**25.3**	(2.25)	**1.7**	(0.14)	4.9	(0.84)
	Denmark	**462**	(4.4)	484	(3.8)	509	(3.9)	**535**	(3.3)	**29.8**	(2.02)	**1.8**	(0.11)	8.5	(0.98)
	Finland	**528**	(3.0)	552	(2.9)	575	(2.3)	**599**	(2.7)	**25.6**	(1.22)	**2.0**	(0.10)	9.3	(0.87)
	France	**452**	(5.3)	488	(4.0)	514	(4.1)	**538**	(3.7)	**33.4**	(1.63)	**2.2**	(0.16)	11.1	(1.05)
	Germany	**489**	(5.6)	518	(3.6)	534	(4.6)	**552**	(4.8)	**23.3**	(2.24)	**1.7**	(0.10)	6.0	(1.09)
	Greece	**426**	(3.9)	467	(3.9)	495	(4.1)	**510**	(3.7)	**33.4**	(1.85)	**2.5**	(0.16)	11.5	(1.18)
	Hungary	**473**	(3.8)	497	(4.0)	519	(3.7)	**529**	(3.6)	**22.5**	(1.97)	**1.8**	(0.12)	5.8	(0.99)
	Iceland	**447**	(3.7)	483	(3.6)	509	(3.7)	**532**	(3.7)	**30.3**	(1.97)	**2.1**	(0.15)	10.4	(1.26)
	Ireland	**467**	(4.2)	500	(4.2)	525	(3.9)	**547**	(3.8)	**32.5**	(1.62)	**2.1**	(0.12)	10.1	(0.95)
	Italy	**447**	(2.8)	466	(2.8)	488	(2.5)	**504**	(2.8)	**25.4**	(1.44)	**1.7**	(0.08)	5.1	(0.58)
	Japan	**496**	(4.6)	521	(4.0)	552	(3.5)	**558**	(4.6)	**24.1**	(1.82)	**1.8**	(0.09)	5.8	(0.87)
	Korea	**487**	(4.6)	531	(3.6)	535	(4.1)	**536**	(4.3)	**17.9**	(2.03)	**1.9**	(0.10)	3.4	(0.71)
	Luxembourg	**455**	(2.5)	479	(3.1)	499	(3.2)	**517**	(2.9)	**21.5**	(1.25)	**1.6**	(0.08)	6.1	(0.69)
	Mexico	**373**	(3.5)	407	(3.3)	424	(3.2)	**438**	(3.2)	**26.8**	(1.44)	**2.2**	(0.12)	9.5	(0.95)
	Netherlands	**505**	(4.5)	525	(3.6)	537	(4.0)	**552**	(4.4)	**20.6**	(1.73)	**1.5**	(0.10)	3.3	(0.56)
	New Zealand	**503**	(3.9)	518	(4.2)	536	(4.0)	**573**	(4.2)	**31.0**	(1.79)	**1.5**	(0.09)	6.4	(0.74)
	Norway	**450**	(3.5)	481	(3.8)	504	(3.7)	**529**	(3.4)	**27.5**	(1.52)	**2.0**	(0.13)	10.0	(1.22)
	Poland	**459**	(3.6)	487	(3.2)	514	(3.2)	**533**	(3.0)	**27.9**	(1.41)	**2.0**	(0.10)	8.9	(0.84)
	Portugal	**433**	(4.1)	475	(3.4)	494	(3.8)	**497**	(3.6)	**23.9**	(1.61)	**2.3**	(0.15)	6.2	(0.78)
	Slovak Republic	**456**	(3.8)	483	(3.9)	497	(3.8)	**525**	(4.0)	**29.8**	(2.41)	**1.8**	(0.10)	6.8	(0.94)
	Spain	**454**	(4.0)	487	(2.9)	503	(3.1)	**515**	(3.1)	**23.2**	(1.41)	**2.0**	(0.10)	5.7	(0.68)
	Sweden	**472**	(2.9)	495	(4.5)	514	(3.5)	**541**	(3.7)	**26.6**	(1.44)	**1.8**	(0.11)	8.4	(0.87)
	Switzerland	**473**	(3.6)	500	(3.6)	525	(3.8)	**551**	(3.7)	**29.0**	(1.37)	**1.8**	(0.09)	9.0	(0.72)
	Turkey	**390**	(3.9)	427	(4.4)	440	(5.1)	**441**	(5.1)	**17.1**	(1.66)	**2.1**	(0.14)	5.5	(0.94)
	United Kingdom	**472**	(3.9)	499	(3.2)	525	(3.2)	**570**	(3.3)	**38.7**	(1.49)	**2.0**	(0.13)	11.6	(0.92)
	United States	**461**	(4.5)	479	(5.4)	490	(4.9)	**531**	(5.3)	**28.1**	(1.97)	**1.6**	(0.10)	6.2	(0.78)
	OECD total	**467**	(1.8)	483	(1.6)	504	(1.5)	**515**	(1.3)	**18.0**	(0.69)	**1.5**	(0.04)	3.1	(0.22)
	OECD average	**466**	(0.7)	493	(0.7)	514	(0.7)	**534**	(0.7)	**26.7**	(0.31)	**1.9**	(0.02)	7.4	(0.16)
Partners	Argentina	**362**	(6.1)	393	(6.1)	408	(7.7)	**419**	(6.6)	**22.4**	(2.55)	**1.7**	(0.14)	4.2	(0.94)
	Azerbaijan	**370**	(3.2)	384	(3.2)	389	(3.2)	**392**	(3.8)	**8.6**	(1.25)	**1.5**	(0.12)	2.2	(0.59)
	Brazil	**361**	(3.5)	391	(3.4)	398	(3.8)	**416**	(3.7)	**22.8**	(1.80)	**1.8**	(0.09)	4.8	(0.74)
	Bulgaria	**413**	(6.4)	431	(6.6)	455	(6.7)	**452**	(6.7)	**14.2**	(2.66)	**1.4**	(0.11)	1.5	(0.54)
	Chile	**402**	(4.6)	434	(4.7)	453	(5.1)	**466**	(5.6)	**25.6**	(2.05)	**1.9**	(0.14)	6.6	(0.92)
	Colombia	**358**	(4.8)	387	(4.6)	400	(4.9)	**409**	(3.9)	**21.6**	(2.33)	**1.7**	(0.16)	5.0	(0.92)
	Croatia	**470**	(3.4)	487	(2.9)	508	(3.2)	**510**	(3.1)	**19.6**	(1.64)	**1.5**	(0.09)	3.4	(0.53)
	Estonia	**501**	(3.3)	524	(2.8)	542	(3.6)	**559**	(3.5)	**24.9**	(1.54)	**1.8**	(0.15)	6.9	(0.83)
	Hong Kong-China	**503**	(4.0)	540	(3.8)	562	(4.5)	**565**	(3.9)	**25.8**	(2.18)	**2.0**	(0.13)	5.9	(0.97)
	Indonesia	**361**	(3.1)	391	(5.8)	408	(7.3)	**415**	(7.0)	**25.3**	(2.58)	**2.0**	(0.15)	7.4	(1.10)
	Israel	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Jordan	**380**	(4.1)	424	(3.5)	442	(3.6)	**445**	(3.7)	**24.7**	(1.73)	**2.3**	(0.13)	7.3	(0.91)
	Kyrgyzstan	**310**	(4.2)	326	(3.5)	335	(3.8)	**331**	(4.2)	**8.9**	(2.14)	**1.5**	(0.10)	1.0	(0.47)
	Latvia	**476**	(3.9)	480	(4.0)	491	(4.4)	**513**	(4.8)	**16.4**	(2.68)	**1.3**	(0.13)	2.1	(0.63)
	Liechtenstein	**484**	(11.3)	512	(12.2)	544	(12.0)	**549**	(8.6)	**25.3**	(4.30)	**1.8**	(0.34)	7.6	(2.52)
	Lithuania	**466**	(4.4)	479	(3.7)	501	(4.1)	**508**	(3.2)	**19.3**	(1.85)	**1.5**	(0.10)	3.4	(0.60)
	Macao-China	**487**	(3.0)	510	(2.7)	522	(2.5)	**526**	(2.6)	**15.6**	(1.66)	**1.7**	(0.11)	2.8	(0.60)
	Montenegro	**394**	(2.9)	415	(2.4)	422	(2.7)	**422**	(3.0)	**8.3**	(1.62)	**1.5**	(0.10)	1.0	(0.40)
	Qatar	**324**	(2.3)	357	(2.5)	368	(1.9)	**358**	(2.1)	**10.0**	(0.95)	**1.8**	(0.10)	2.0	(0.37)
	Romania	**380**	(4.7)	409	(4.4)	437	(5.4)	**450**	(5.2)	**27.8**	(2.20)	**2.1**	(0.18)	9.3	(1.17)
	Russian Federation	**466**	(5.3)	471	(5.0)	485	(3.8)	**496**	(4.2)	**13.8**	(2.02)	**1.4**	(0.10)	1.6	(0.45)
	Serbia	**424**	(4.2)	431	(3.5)	446	(3.6)	**444**	(4.1)	**7.2**	(1.69)	**1.3**	(0.10)	0.7	(0.30)
	Slovenia	**492**	(3.4)	509	(3.7)	537	(3.6)	**547**	(3.3)	**21.8**	(1.64)	**1.6**	(0.10)	4.7	(0.73)
	Chinese Taipei	**495**	(5.3)	543	(4.3)	552	(3.7)	**540**	(3.4)	**16.4**	(1.61)	**2.0**	(0.10)	2.9	(0.56)
	Thailand	**386**	(2.7)	412	(2.9)	437	(3.3)	**451**	(3.2)	**28.7**	(1.70)	**2.0**	(0.18)	9.9	(0.95)
	Tunisia	**349**	(3.5)	386	(4.2)	401	(4.4)	**410**	(3.3)	**24.5**	(1.45)	**2.2**	(0.18)	8.0	(0.92)
	Uruguay	**406**	(3.9)	424	(4.2)	441	(3.7)	**455**	(3.8)	**19.3**	(2.02)	**1.5**	(0.10)	3.4	(0.67)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
StatLink http://dx.doi.org/10.1787/142102278412

Pour consulter la version française intégrale de ce tableau, suivre ce lien :
StatLink http://dx.doi.org/10.1787/152630454851



[Part 1/2]

Table 3.20 Proportion of between-school variance for science attitudinal indices[1]

Tableau 3.20 Part de variance inter-établissements des indices d'attitude en sciences

		Proportion of between-school variance for:													
		General value of science		Personal value of science		Self-efficacy in science		Self-concept in science		General interest in science		Enjoyment of science		Instrumental motivation to learn science	
		Proportion	S.E.	Proportion	S.E.	Proportion	S.E.	Proportion	S.E.	Proportion	S.E.	Proportion	S.E.	Proportion	S.E.
OECD	Australia	0.04	(0.004)	0.04	(0.005)	0.08	(0.008)	0.04	(0.005)	0.04	(0.004)	0.06	(0.007)	0.04	(0.004)
	Austria	0.08	(0.015)	0.05	(0.009)	0.13	(0.012)	0.08	(0.014)	0.06	(0.009)	0.15	(0.016)	0.14	(0.018)
	Belgium	0.04	(0.007)	0.04	(0.005)	0.10	(0.010)	0.07	(0.008)	0.13	(0.016)	0.10	(0.011)	0.06	(0.006)
	Canada	0.05	(0.003)	0.05	(0.003)	0.06	(0.003)	0.06	(0.005)	0.03	(0.004)	0.05	(0.004)	0.07	(0.005)
	Czech Republic	0.03	(0.007)	0.05	(0.008)	0.06	(0.007)	0.03	(0.005)	0.05	(0.008)	0.05	(0.006)	0.06	(0.006)
	Denmark	0.02	(0.006)	0.02	(0.012)	0.06	(0.011)	0.05	(0.010)	0.06	(0.013)	0.05	(0.009)	0.02	(0.013)
	Finland	0.02	(0.006)	0.01	(0.006)	0.03	(0.006)	0.01	(0.006)	0.03	(0.008)	0.02	(0.006)	0.02	(0.006)
	France	0.06	(0.009)	0.06	(0.011)	0.07	(0.010)	0.03	(0.009)	0.08	(0.009)	0.08	(0.011)	0.07	(0.010)
	Germany	0.05	(0.007)	0.03	(0.011)	0.10	(0.011)	0.03	(0.009)	0.05	(0.009)	0.08	(0.011)	0.05	(0.010)
	Greece	0.03	(0.006)	0.03	(0.007)	0.05	(0.006)	0.03	(0.009)	0.05	(0.010)	0.05	(0.008)	0.02	(0.009)
	Hungary	0.04	(0.008)	0.04	(0.008)	0.05	(0.007)	0.05	(0.009)	0.04	(0.010)	0.07	(0.009)	0.07	(0.009)
	Iceland	0.04	(0.022)	0.05	(0.029)	0.02	(0.021)	0.05	(0.026)	0.06	(0.035)	0.06	(0.031)	0.04	(0.028)
	Ireland	0.03	(0.006)	0.04	(0.008)	0.06	(0.010)	0.04	(0.010)	0.04	(0.009)	0.05	(0.009)	0.05	(0.009)
	Italy	0.05	(0.004)	0.05	(0.003)	0.05	(0.005)	0.06	(0.003)	0.06	(0.004)	0.06	(0.004)	0.08	(0.004)
	Japan	0.06	(0.008)	0.03	(0.005)	0.05	(0.008)	0.05	(0.008)	0.06	(0.007)	0.07	(0.009)	0.11	(0.011)
	Korea	0.04	(0.009)	0.04	(0.013)	0.06	(0.010)	0.06	(0.012)	0.06	(0.010)	0.07	(0.016)	0.05	(0.020)
	Luxembourg	0.03	(0.009)	0.01	(0.006)	0.06	(0.008)	0.02	(0.009)	0.03	(0.008)	0.04	(0.009)	0.01	(0.007)
	Mexico	0.05	(0.002)	0.02	(0.002)	0.04	(0.003)	0.02	(0.002)	0.04	(0.003)	0.04	(0.002)	0.03	(0.003)
	Netherlands	0.05	(0.005)	0.02	(0.005)	0.07	(0.008)	0.04	(0.007)	0.06	(0.008)	0.07	(0.008)	0.03	(0.007)
	New Zealand	0.05	(0.007)	0.04	(0.008)	0.04	(0.008)	0.02	(0.009)	0.05	(0.009)	0.05	(0.007)	0.04	(0.009)
	Norway	0.04	(0.014)	0.03	(0.012)	0.03	(0.012)	0.03	(0.009)	0.04	(0.014)	0.03	(0.011)	0.02	(0.010)
	Poland	0.02	(0.005)	0.02	(0.005)	0.03	(0.006)	0.02	(0.004)	0.02	(0.004)	0.03	(0.006)	0.02	(0.004)
	Portugal	0.02	(0.006)	0.02	(0.005)	0.03	(0.005)	0.02	(0.006)	0.02	(0.006)	0.02	(0.003)	0.06	(0.007)
	Slovak Republic	0.05	(0.011)	0.05	(0.010)	0.06	(0.012)	0.04	(0.008)	0.07	(0.018)	0.04	(0.009)	0.10	(0.015)
	Spain	0.03	(0.002)	0.03	(0.002)	0.06	(0.003)	0.03	(0.003)	0.03	(0.003)	0.04	(0.003)	0.04	(0.004)
	Sweden	0.05	(0.011)	0.04	(0.011)	0.05	(0.011)	0.02	(0.009)	0.05	(0.010)	0.05	(0.010)	0.04	(0.011)
	Switzerland	0.05	(0.008)	0.05	(0.008)	0.08	(0.008)	0.05	(0.008)	0.06	(0.006)	0.09	(0.008)	0.05	(0.010)
	Turkey	0.10	(0.011)	0.07	(0.011)	0.10	(0.016)	0.06	(0.008)	0.05	(0.007)	0.06	(0.008)	0.05	(0.007)
	United Kingdom	0.03	(0.003)	0.03	(0.003)	0.05	(0.003)	0.03	(0.003)	0.04	(0.004)	0.04	(0.003)	0.03	(0.003)
	United States	0.04	(0.007)	0.02	(0.007)	0.04	(0.008)	0.03	(0.006)	0.03	(0.007)	0.03	(0.006)	0.01	(0.005)
	OECD average	0.04	(0.002)	0.04	(0.002)	0.06	(0.002)	0.04	(0.002)	0.05	(0.002)	0.06	(0.002)	0.05	(0.002)
Partners	Argentina	0.04	(0.009)	0.05	(0.010)	0.05	(0.010)	0.05	(0.012)	0.10	(0.025)	0.08	(0.012)	0.05	(0.011)
	Azerbaijan	0.08	(0.014)	0.06	(0.016)	0.13	(0.028)	0.09	(0.011)	0.06	(0.009)	0.07	(0.009)	0.06	(0.009)
	Brazil	0.05	(0.005)	0.06	(0.006)	0.08	(0.006)	0.04	(0.004)	0.06	(0.005)	0.05	(0.004)	0.05	(0.004)
	Bulgaria	0.06	(0.015)	0.03	(0.010)	0.15	(0.043)	0.05	(0.014)	0.05	(0.019)	0.05	(0.011)	0.03	(0.008)
	Chile	0.04	(0.009)	0.03	(0.008)	0.08	(0.009)	0.03	(0.008)	0.03	(0.006)	0.05	(0.008)	0.05	(0.008)
	Colombia	0.02	(0.008)	0.03	(0.007)	0.04	(0.007)	0.03	(0.005)	0.06	(0.009)	0.04	(0.007)	0.04	(0.007)
	Croatia	0.02	(0.007)	0.02	(0.006)	0.06	(0.005)	0.03	(0.007)	0.03	(0.006)	0.04	(0.005)	0.08	(0.010)
	Estonia	0.04	(0.005)	0.03	(0.006)	0.03	(0.006)	0.02	(0.005)	0.02	(0.004)	0.04	(0.006)	0.02	(0.006)
	Hong Kong-China	0.02	(0.007)	0.01	(0.007)	0.04	(0.007)	0.02	(0.008)	0.03	(0.006)	0.02	(0.005)	0.01	(0.011)
	Indonesia	0.04	(0.004)	0.03	(0.004)	0.05	(0.005)	0.08	(0.006)	0.04	(0.004)	0.04	(0.004)	0.05	(0.004)
	Israel	0.10	(0.013)	0.12	(0.015)	0.07	(0.012)	0.11	(0.013)	0.23	(0.022)	0.15	(0.015)	0.09	(0.020)
	Jordan	0.05	(0.007)	0.02	(0.004)	0.04	(0.005)	0.03	(0.004)	0.03	(0.005)	0.03	(0.006)	0.03	(0.004)
	Kyrgyzstan	0.04	(0.006)	0.05	(0.006)	0.07	(0.010)	0.07	(0.007)	0.06	(0.006)	0.09	(0.006)	0.07	(0.005)
	Latvia	0.02	(0.006)	0.03	(0.005)	0.03	(0.005)	0.02	(0.005)	0.02	(0.004)	0.03	(0.007)	0.03	(0.005)
	Liechtenstein	0.06	(0.050)	0.02	(0.026)	0.07	(0.042)	0.00	(0.012)	0.10	(0.042)	0.11	(0.039)	0.04	(0.036)
	Lithuania	0.03	(0.006)	0.03	(0.007)	0.04	(0.006)	0.02	(0.006)	0.02	(0.004)	0.03	(0.007)	0.02	(0.007)
	Macao-China	0.02	(0.006)	0.01	(0.003)	0.03	(0.008)	0.03	(0.009)	0.02	(0.005)	0.01	(0.004)	0.03	(0.008)
	Montenegro	0.02	(0.006)	0.04	(0.009)	0.06	(0.013)	0.03	(0.007)	0.05	(0.010)	0.06	(0.009)	0.08	(0.026)
	Qatar	0.06	(0.021)	0.04	(0.015)	0.07	(0.019)	0.04	(0.014)	0.06	(0.021)	0.06	(0.013)	0.04	(0.012)
	Romania	0.06	(0.010)	0.01	(0.007)	0.07	(0.016)	0.03	(0.009)	0.04	(0.009)	0.02	(0.006)	0.03	(0.006)
	Russian Federation	0.02	(0.005)	0.05	(0.006)	0.07	(0.008)	0.04	(0.005)	0.05	(0.007)	0.05	(0.006)	0.04	(0.005)
	Serbia	0.02	(0.008)	0.05	(0.006)	0.06	(0.009)	0.04	(0.007)	0.05	(0.014)	0.06	(0.007)	0.06	(0.007)
	Slovenia	0.07	(0.022)	0.06	(0.026)	0.10	(0.024)	0.04	(0.018)	0.05	(0.022)	0.06	(0.022)	0.07	(0.021)
	Chinese Taipei	0.04	(0.005)	0.02	(0.003)	0.07	(0.007)	0.04	(0.005)	0.05	(0.006)	0.04	(0.005)	0.02	(0.003)
	Thailand	0.05	(0.008)	0.03	(0.004)	0.03	(0.005)	0.04	(0.010)	0.04	(0.006)	0.02	(0.004)	0.02	(0.003)
	Tunisia	0.05	(0.007)	0.03	(0.006)	0.03	(0.006)	0.02	(0.006)	0.03	(0.006)	0.02	(0.006)	0.03	(0.006)
	Uruguay	0.02	(0.016)	0.06	(0.010)	0.05	(0.013)	0.03	(0.012)	0.05	(0.014)	0.05	(0.012)	0.04	(0.016)

1. Results based on students' self-reports.

StatLink http://dx.doi.org/10.1787/142102278412

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[Part 2/2]

Table 3.20 **Proportion of between-school variance for science attitudinal indices[1]**

Tableau 3.20 **Part de variance inter-établissements des indices d'attitude en sciences**

		Proportion of between-school variance for:											
		Future-oriented motivation to learn science		Science-related activities		Awareness of environmental issues		Level of concern for environmental issues		Optimism regarding environmental issues		Responsibility for sustainable development	
		Proportion	S.E.	Proportion	S.E.	Proportion	S.E.	Proportion	S.E.	Proportion	S.E.	Proportion	S.E.
OECD	Australia	0.03	(0.004)	0.04	(0.005)	0.10	(0.008)	0.02	(0.004)	0.02	(0.004)	0.03	(0.003)
	Austria	0.09	(0.009)	0.07	(0.009)	0.15	(0.018)	0.02	(0.009)	0.03	(0.006)	0.08	(0.010)
	Belgium	0.06	(0.006)	0.04	(0.005)	0.14	(0.012)	0.03	(0.008)	0.03	(0.007)	0.08	(0.010)
	Canada	0.06	(0.004)	0.05	(0.003)	0.07	(0.004)	0.04	(0.005)	0.03	(0.003)	0.11	(0.005)
	Czech Republic	0.05	(0.006)	0.04	(0.005)	0.05	(0.005)	0.04	(0.007)	0.03	(0.006)	0.03	(0.005)
	Denmark	0.03	(0.011)	0.04	(0.008)	0.06	(0.010)	0.02	(0.010)	0.02	(0.006)	0.02	(0.009)
	Finland	0.01	(0.006)	0.01	(0.006)	0.03	(0.005)	0.01	(0.006)	0.01	(0.005)	0.02	(0.008)
	France	0.07	(0.010)	0.06	(0.009)	0.15	(0.013)	0.03	(0.007)	0.06	(0.008)	0.07	(0.009)
	Germany	0.04	(0.009)	0.04	(0.007)	0.11	(0.012)	0.02	(0.008)	0.02	(0.010)	0.05	(0.006)
	Greece	0.03	(0.009)	0.05	(0.011)	0.08	(0.013)	0.03	(0.006)	0.09	(0.015)	0.06	(0.010)
	Hungary	0.09	(0.010)	0.05	(0.010)	0.07	(0.008)	0.02	(0.010)	0.06	(0.015)	0.04	(0.010)
	Iceland	0.03	(0.022)	0.03	(0.023)	0.04	(0.025)	0.03	(0.023)	0.01	(0.012)	0.04	(0.023)
	Ireland	0.03	(0.009)	0.04	(0.008)	0.07	(0.010)	0.01	(0.013)	0.01	(0.010)	0.04	(0.006)
	Italy	0.09	(0.005)	0.05	(0.003)	0.13	(0.009)	0.03	(0.002)	0.07	(0.006)	0.04	(0.004)
	Japan	0.09	(0.009)	0.03	(0.005)	0.09	(0.009)	0.01	(0.006)	0.01	(0.008)	0.05	(0.007)
	Korea	0.05	(0.024)	0.06	(0.016)	0.07	(0.008)	0.01	(0.005)	0.02	(0.010)	0.03	(0.006)
	Luxembourg	0.02	(0.007)	0.02	(0.006)	0.14	(0.012)	0.01	(0.006)	0.02	(0.005)	0.03	(0.008)
	Mexico	0.05	(0.003)	0.05	(0.002)	0.08	(0.006)	0.05	(0.003)	0.11	(0.005)	0.06	(0.003)
	Netherlands	0.05	(0.006)	0.05	(0.008)	0.11	(0.010)	0.02	(0.007)	0.02	(0.007)	0.02	(0.005)
	New Zealand	0.03	(0.007)	0.03	(0.007)	0.06	(0.009)	0.01	(0.010)	0.02	(0.008)	0.03	(0.005)
	Norway	0.03	(0.009)	0.03	(0.014)	0.03	(0.011)	0.02	(0.015)	0.02	(0.011)	0.05	(0.014)
	Poland	0.02	(0.005)	0.01	(0.004)	0.04	(0.007)	0.01	(0.008)	0.01	(0.007)	0.02	(0.005)
	Portugal	0.04	(0.005)	0.02	(0.006)	0.07	(0.008)	0.01	(0.007)	0.07	(0.011)	0.02	(0.007)
	Slovak Republic	0.07	(0.013)	0.05	(0.008)	0.07	(0.009)	0.02	(0.006)	0.04	(0.007)	0.03	(0.010)
	Spain	0.04	(0.004)	0.04	(0.003)	0.07	(0.003)	0.02	(0.002)	0.03	(0.003)	0.03	(0.002)
	Sweden	0.03	(0.009)	0.04	(0.007)	0.07	(0.010)	0.01	(0.012)	0.01	(0.009)	0.03	(0.011)
	Switzerland	0.07	(0.009)	0.05	(0.005)	0.12	(0.009)	0.03	(0.005)	0.03	(0.004)	0.08	(0.006)
	Turkey	0.06	(0.008)	0.05	(0.010)	0.15	(0.015)	0.08	(0.019)	0.12	(0.015)	0.10	(0.019)
	United Kingdom	0.03	(0.003)	0.05	(0.004)	0.05	(0.003)	0.02	(0.004)	0.02	(0.004)	0.03	(0.003)
	United States	0.01	(0.007)	0.03	(0.005)	0.07	(0.009)	0.02	(0.008)	0.04	(0.010)	0.02	(0.005)
	OECD average	0.05	(0.002)	0.04	(0.002)	0.08	(0.002)	0.02	(0.002)	0.04	(0.002)	0.04	(0.002)
Partners	Argentina	0.06	(0.012)	0.10	(0.020)	0.12	(0.014)	0.06	(0.010)	0.14	(0.019)	0.04	(0.007)
	Azerbaijan	0.09	(0.009)	0.05	(0.008)	0.09	(0.016)	0.08	(0.011)	0.06	(0.010)	0.04	(0.009)
	Brazil	0.06	(0.005)	0.06	(0.005)	0.17	(0.011)	0.04	(0.006)	0.13	(0.010)	0.04	(0.004)
	Bulgaria	0.08	(0.011)	0.04	(0.010)	0.19	(0.032)	0.06	(0.016)	0.15	(0.029)	0.02	(0.011)
	Chile	0.04	(0.008)	0.03	(0.007)	0.13	(0.022)	0.02	(0.008)	0.10	(0.013)	0.04	(0.008)
	Colombia	0.06	(0.011)	0.03	(0.006)	0.13	(0.020)	0.04	(0.005)	0.16	(0.022)	0.03	(0.006)
	Croatia	0.03	(0.005)	0.02	(0.005)	0.08	(0.008)	0.01	(0.007)	0.07	(0.016)	0.01	(0.006)
	Estonia	0.05	(0.005)	0.02	(0.005)	0.04	(0.005)	0.02	(0.006)	0.14	(0.011)	0.02	(0.006)
	Hong Kong-China	0.01	(0.008)	0.03	(0.008)	0.06	(0.008)	0.01	(0.008)	0.02	(0.008)	0.02	(0.004)
	Indonesia	0.05	(0.003)	0.06	(0.007)	0.07	(0.005)	0.09	(0.007)	0.06	(0.008)	0.05	(0.005)
	Israel	0.12	(0.016)	0.32	(0.022)	0.09	(0.012)	0.03	(0.011)	0.05	(0.011)	m	m
	Jordan	0.02	(0.004)	0.05	(0.006)	0.08	(0.008)	0.03	(0.005)	0.08	(0.012)	0.04	(0.009)
	Kyrgyzstan	0.10	(0.006)	0.12	(0.006)	0.07	(0.007)	0.05	(0.009)	0.05	(0.022)	0.04	(0.009)
	Latvia	0.04	(0.005)	0.07	(0.008)	0.05	(0.007)	0.02	(0.004)	0.03	(0.005)	0.01	(0.004)
	Liechtenstein	0.03	(0.019)	0.08	(0.042)	0.08	(0.040)	0.02	(0.050)	0.04	(0.050)	0.05	(0.039)
	Lithuania	0.02	(0.006)	0.02	(0.006)	0.06	(0.012)	0.01	(0.008)	0.03	(0.011)	0.03	(0.006)
	Macao-China	0.01	(0.004)	0.03	(0.006)	0.09	(0.013)	0.03	(0.007)	0.03	(0.011)	0.01	(0.005)
	Montenegro	0.09	(0.016)	0.03	(0.009)	0.09	(0.011)	0.01	(0.005)	0.05	(0.017)	0.01	(0.007)
	Qatar	0.08	(0.018)	0.07	(0.017)	0.18	(0.024)	0.03	(0.014)	0.08	(0.021)	0.06	(0.016)
	Romania	0.02	(0.006)	0.02	(0.005)	0.11	(0.013)	0.03	(0.008)	0.05	(0.006)	0.04	(0.007)
	Russian Federation	0.06	(0.007)	0.08	(0.008)	0.12	(0.012)	0.04	(0.010)	0.02	(0.006)	0.02	(0.005)
	Serbia	0.06	(0.007)	0.03	(0.005)	0.09	(0.012)	0.01	(0.009)	0.11	(0.016)	0.02	(0.009)
	Slovenia	0.10	(0.019)	0.07	(0.020)	0.11	(0.018)	0.04	(0.020)	0.05	(0.025)	0.05	(0.023)
	Chinese Taipei	0.04	(0.005)	0.03	(0.004)	0.08	(0.007)	0.03	(0.005)	0.04	(0.008)	0.02	(0.004)
	Thailand	0.03	(0.004)	0.03	(0.003)	0.07	(0.009)	0.05	(0.011)	0.10	(0.013)	0.03	(0.005)
	Tunisia	0.02	(0.005)	0.02	(0.004)	0.07	(0.012)	0.02	(0.005)	0.16	(0.014)	0.05	(0.007)
	Uruguay	0.05	(0.017)	0.06	(0.013)	0.07	(0.008)	0.03	(0.010)	0.09	(0.013)	0.04	(0.011)

1. Results based on students' self-reports.

StatLink http://dx.doi.org/10.1787/142102278412

Pour consulter la version française intégrale de ce tableau, suivre ce lien :

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[Part 1/2]

Table 3.21 **Effect sizes for gender differences (females minus males) in science performance scales and attitudinal indices[1]**

Tableau 3.21 **Différences entre les sexes (filles moins garçons) en termes d'ampleur de l'effet sur les échelles de culture scientifique et indices d'attitude en sciences**

Effect sizes in favour of females:
from 0.2 to 0.5
from 0.5 to 0.8
Equal or greater than 0.8

Effect sizes in favour of males:
from -0.2 to -0.5
from -0.5 to -0.8
Equal or less than -0.8

		Combined science scale		Identifying scientific issues		Explaining phenomena scientifically		Using scientific evidence		General value of science		Personal value of science		Self-efficacy in science		Self-concept in science	
		Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.
OECD	Australia	0.00	(0.03)	**0.21**	(0.09)	**-0.13**	(0.06)	0.03	(0.03)	**-0.13**	(0.06)	**-0.12**	(0.05)	**-0.09**	(0.04)	**-0.22**	(0.09)
	Austria	-0.08	(0.05)	**0.24**	(0.09)	**-0.19**	(0.08)	-0.08	(0.05)	-0.02	(0.03)	**-0.19**	(0.09)	**-0.17**	(0.07)	**-0.22**	(0.09)
	Belgium	-0.01	(0.03)	**0.14**	(0.07)	**-0.16**	(0.07)	0.08	(0.05)	**-0.11**	(0.05)	**-0.15**	(0.07)	**-0.16**	(0.07)	**-0.27**	(0.11)
	Canada	-0.04	(0.03)	**0.14**	(0.06)	**-0.17**	(0.07)	0.01	(0.02)	**-0.16**	(0.07)	**-0.14**	(0.06)	**-0.07**	(0.03)	**-0.27**	(0.10)
	Czech Republic	-0.05	(0.05)	**0.20**	(0.09)	**-0.21**	(0.09)	-0.01	(0.05)	-0.07	(0.04)	**-0.13**	(0.06)	**0.15**	(0.06)	-0.13	(0.06)
	Denmark	**-0.10**	(0.05)	**0.12**	(0.05)	**-0.22**	(0.09)	-0.02	(0.03)	**-0.24**	(0.09)	**-0.13**	(0.06)	-0.01	(0.03)	**-0.43**	(0.17)
	Finland	0.04	(0.03)	**0.31**	(0.13)	**-0.11**	(0.05)	0.07	(0.04)	**-0.11**	(0.05)	-0.06	(0.04)	**0.10**	(0.05)	**-0.24**	(0.10)
	France	-0.03	(0.03)	**0.15**	(0.07)	**-0.15**	(0.07)	0.03	(0.04)	**-0.28**	(0.12)	**-0.09**	(0.05)	**-0.16**	(0.07)	**-0.41**	(0.16)
	Germany	-0.07	(0.04)	**0.16**	(0.07)	**-0.20**	(0.08)	-0.03	(0.03)	**-0.14**	(0.07)	**-0.23**	(0.10)	**-0.19**	(0.08)	**-0.38**	(0.15)
	Greece	0.12	(0.06)	**0.35**	(0.14)	-0.03	(0.04)	**0.19**	(0.08)	**-0.16**	(0.07)	-0.07	(0.04)	**-0.15**	(0.06)	**-0.36**	(0.14)
	Hungary	-0.07	(0.05)	**0.16**	(0.07)	**-0.24**	(0.10)	0.01	(0.04)	**-0.13**	(0.06)	**-0.14**	(0.06)	0.03	(0.03)	**-0.30**	(0.12)
	Iceland	0.06	(0.04)	**0.29**	(0.12)	-0.07	(0.04)	0.07	(0.04)	**-0.30**	(0.12)	**-0.14**	(0.06)	**-0.22**	(0.08)	**-0.40**	(0.14)
	Ireland	0.00	(0.04)	**0.17**	(0.08)	-0.09	(0.05)	0.07	(0.04)	**-0.14**	(0.06)	**-0.09**	(0.04)	**0.07**	(0.04)	-0.07	(0.04)
	Italy	-0.03	(0.03)	**0.17**	(0.07)	**-0.15**	(0.07)	0.02	(0.03)	**-0.14**	(0.06)	**-0.17**	(0.08)	**-0.16**	(0.07)	**-0.29**	(0.12)
	Japan	-0.03	(0.06)	0.17	(0.09)	-0.17	(0.08)	0.02	(0.06)	**-0.09**	(0.04)	**-0.28**	(0.12)	**-0.32**	(0.13)	**-0.49**	(0.21)
	Korea	0.02	(0.05)	**0.24**	(0.11)	-0.12	(0.07)	0.07	(0.06)	-0.04	(0.04)	**-0.09**	(0.04)	**-0.21**	(0.09)	**-0.30**	(0.12)
	Luxembourg	**-0.10**	(0.04)	**0.12**	(0.05)	**-0.26**	(0.10)	-0.03	(0.03)	**-0.16**	(0.07)	**-0.12**	(0.05)	**-0.07**	(0.03)	**-0.18**	(0.07)
	Mexico	**-0.08**	(0.04)	**0.08**	(0.03)	**-0.21**	(0.09)	-0.03	(0.03)	**0.06**	(0.03)	-0.05	(0.03)	0.00	(0.02)	-0.03	(0.02)
	Netherlands	-0.08	(0.04)	**0.12**	(0.05)	**-0.20**	(0.08)	-0.02	(0.03)	**-0.12**	(0.05)	**-0.27**	(0.11)	**-0.32**	(0.13)	**-0.44**	(0.17)
	New Zealand	0.03	(0.04)	**0.21**	(0.09)	-0.10	(0.05)	0.08	(0.05)	**-0.13**	(0.06)	**-0.11**	(0.05)	-0.05	(0.03)	**-0.24**	(0.09)
	Norway	0.05	(0.03)	**0.25**	(0.10)	-0.06	(0.04)	0.06	(0.03)	**-0.17**	(0.08)	**-0.15**	(0.07)	**-0.15**	(0.07)	**-0.45**	(0.17)
	Poland	-0.04	(0.03)	**0.16**	(0.07)	**-0.18**	(0.07)	0.04	(0.03)	0.05	(0.03)	0.01	(0.03)	**0.15**	(0.07)	**-0.11**	(0.05)
	Portugal	-0.06	(0.04)	**0.14**	(0.06)	**-0.18**	(0.07)	-0.02	(0.03)	-0.04	(0.03)	**-0.12**	(0.04)	-0.02	(0.02)	**-0.12**	(0.06)
	Slovak Republic	-0.07	(0.05)	**0.21**	(0.09)	**-0.23**	(0.10)	0.00	(0.04)	**-0.12**	(0.06)	**-0.15**	(0.07)	-0.06	(0.04)	**-0.17**	(0.08)
	Spain	-0.05	(0.03)	**0.16**	(0.07)	**-0.18**	(0.07)	0.01	(0.02)	**-0.07**	(0.03)	**-0.15**	(0.06)	**-0.09**	(0.04)	**-0.24**	(0.09)
	Sweden	-0.01	(0.03)	**0.17**	(0.07)	**-0.12**	(0.05)	0.05	(0.03)	**-0.21**	(0.09)	**-0.11**	(0.05)	-0.05	(0.03)	**-0.31**	(0.12)
	Switzerland	**-0.06**	(0.03)	**0.11**	(0.05)	**-0.18**	(0.07)	-0.02	(0.02)	**-0.17**	(0.07)	**-0.16**	(0.07)	**-0.16**	(0.06)	**-0.35**	(0.14)
	Turkey	**0.14**	(0.07)	**0.38**	(0.15)	-0.01	(0.04)	**0.17**	(0.08)	**0.10**	(0.05)	**0.18**	(0.07)	**0.08**	(0.04)	-0.07	(0.04)
	United Kingdom	-0.09	(0.05)	**0.07**	(0.03)	**-0.20**	(0.08)	-0.05	(0.04)	**-0.26**	(0.10)	**-0.27**	(0.11)	**-0.18**	(0.07)	**-0.40**	(0.15)
	United States	-0.01	(0.03)	**0.16**	(0.06)	**-0.12**	(0.05)	0.04	(0.03)	**-0.17**	(0.06)	**-0.13**	(0.06)	**-0.09**	(0.04)	**-0.30**	(0.11)
	OECD average	**-0.02**	(0.01)	**0.19**	(0.02)	**-0.15**	(0.01)	**0.03**	(0.01)	**-0.12**	(0.01)	**-0.13**	(0.01)	**-0.09**	(0.01)	**-0.27**	(0.02)
Partners	Argentina	0.13	(0.07)	**0.27**	(0.11)	0.00	(0.05)	**0.19**	(0.08)	0.03	(0.03)	-0.09	(0.05)	-0.01	(0.03)	**-0.10**	(0.05)
	Azerbaijan	**0.14**	(0.06)	**0.12**	(0.05)	**0.15**	(0.06)	**0.07**	(0.04)	-0.06	(0.04)	**0.09**	(0.04)	**0.16**	(0.07)	0.01	(0.03)
	Brazil	**-0.10**	(0.04)	**0.08**	(0.04)	**-0.21**	(0.08)	**-0.06**	(0.03)	**0.08**	(0.04)	**-0.08**	(0.04)	**0.10**	(0.04)	**-0.14**	(0.06)
	Bulgaria	**0.16**	(0.08)	**0.31**	(0.13)	0.05	(0.05)	**0.21**	(0.09)	**0.11**	(0.05)	**0.12**	(0.06)	**0.13**	(0.06)	**-0.11**	(0.05)
	Chile	**-0.24**	(0.10)	-0.03	(0.04)	**-0.37**	(0.15)	**-0.16**	(0.08)	-0.03	(0.03)	**-0.19**	(0.08)	-0.06	(0.04)	**-0.22**	(0.09)
	Colombia	-0.11	(0.06)	0.03	(0.04)	**-0.20**	(0.09)	-0.05	(0.05)	0.00	(0.03)	-0.05	(0.04)	**0.12**	(0.06)	-0.05	(0.03)
	Croatia	0.03	(0.04)	**0.32**	(0.13)	**-0.13**	(0.06)	0.06	(0.05)	0.05	(0.03)	**-0.08**	(0.04)	-0.03	(0.03)	**-0.12**	(0.06)
	Estonia	0.04	(0.03)	**0.32**	(0.13)	-0.07	(0.04)	0.05	(0.04)	0.03	(0.03)	-0.08	(0.04)	0.06	(0.03)	**-0.15**	(0.07)
	Hong Kong-China	-0.07	(0.05)	**0.15**	(0.07)	**-0.22**	(0.10)	-0.02	(0.05)	**-0.18**	(0.07)	**-0.10**	(0.05)	**-0.18**	(0.08)	**-0.47**	(0.19)
	Indonesia	-0.17	(0.10)	-0.11	(0.08)	**-0.24**	(0.11)	-0.06	(0.07)	0.01	(0.03)	0.04	(0.03)	0.01	(0.04)	-0.09	(0.05)
	Israel	-0.03	(0.05)	0.11	(0.06)	-0.14	(0.08)	0.06	(0.05)	**-0.14**	(0.06)	-0.04	(0.04)	**-0.12**	(0.06)	**-0.14**	(0.06)
	Jordan	**0.32**	(0.14)	**0.36**	(0.15)	**0.21**	(0.10)	**0.39**	(0.17)	**0.19**	(0.08)	**0.20**	(0.09)	0.07	(0.04)	-0.06	(0.04)
	Kyrgyzstan	0.07	(0.04)	**0.21**	(0.09)	-0.02	(0.03)	**0.14**	(0.06)	0.02	(0.03)	**0.17**	(0.08)	**0.14**	(0.06)	-0.07	(0.04)
	Latvia	0.08	(0.04)	**0.38**	(0.15)	**-0.11**	(0.05)	**0.14**	(0.06)	0.08	(0.04)	-0.03	(0.03)	0.05	(0.04)	**-0.23**	(0.08)
	Liechtenstein	0.12	(0.10)	**0.29**	(0.14)	-0.06	(0.10)	0.18	(0.11)	-0.29	(0.16)	-0.16	(0.12)	-0.24	(0.14)	**-0.37**	(0.17)
	Lithuania	**0.10**	(0.05)	**0.31**	(0.12)	**-0.09**	(0.04)	**0.17**	(0.07)	0.04	(0.03)	**0.13**	(0.06)	**0.19**	(0.08)	**-0.24**	(0.10)
	Macao-China	-0.05	(0.04)	**0.19**	(0.08)	**-0.17**	(0.07)	0.00	(0.03)	**-0.14**	(0.06)	0.09	(0.04)	**-0.10**	(0.05)	**-0.51**	(0.21)
	Montenegro	0.02	(0.03)	**0.20**	(0.08)	**-0.11**	(0.05)	**0.09**	(0.04)	0.07	(0.04)	-0.04	(0.03)	0.02	(0.03)	-0.04	(0.03)
	Qatar	**0.39**	(0.15)	**0.48**	(0.19)	**0.33**	(0.13)	**0.34**	(0.14)	**-0.15**	(0.06)	**0.11**	(0.05)	-0.03	(0.02)	**-0.14**	(0.05)
	Romania	0.03	(0.03)	**0.22**	(0.09)	-0.12	(0.06)	0.09	(0.05)	-0.01	(0.03)	0.00	(0.03)	0.02	(0.04)	-0.08	(0.05)
	Russian Federation	-0.03	(0.03)	**0.22**	(0.09)	**-0.21**	(0.09)	0.05	(0.03)	0.06	(0.04)	**-0.10**	(0.05)	0.03	(0.02)	**-0.09**	(0.04)
	Serbia	0.06	(0.04)	**0.26**	(0.11)	-0.06	(0.04)	0.11	(0.06)	0.06	(0.04)	**-0.11**	(0.05)	-0.04	(0.03)	**-0.08**	(0.04)
	Slovenia	**0.08**	(0.04)	**0.31**	(0.12)	**-0.10**	(0.05)	**0.12**	(0.05)	**-0.10**	(0.05)	-0.02	(0.03)	0.04	(0.03)	**-0.25**	(0.10)
	Chinese Taipei	-0.08	(0.06)	0.06	(0.06)	**-0.19**	(0.09)	0.00	(0.05)	-0.04	(0.03)	**-0.16**	(0.06)	**-0.32**	(0.12)	**-0.53**	(0.21)
	Thailand	**0.22**	(0.10)	**0.40**	(0.17)	0.04	(0.04)	**0.27**	(0.12)	0.15	(0.07)	**0.22**	(0.09)	**0.13**	(0.06)	**-0.09**	(0.04)
	Tunisia	0.06	(0.04)	**0.23**	(0.09)	-0.06	(0.04)	**0.11**	(0.05)	-0.07	(0.04)	0.09	(0.05)	0.07	(0.04)	**-0.16**	(0.06)
	Uruguay	0.03	(0.04)	**0.23**	(0.09)	**-0.11**	(0.05)	0.07	(0.04)	0.04	(0.03)	0.03	(0.03)	**0.16**	(0.06)	0.03	(0.03)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
StatLink http://dx.doi.org/10.1787/142102278412

Pour consulter la version française intégrale de ce tableau, suivre ce lien :
StatLink http://dx.doi.org/10.1787/152630454851

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[Part 2/2]

Table 3.21 **Effect sizes for gender differences (females minus males) in science performance scales and attitudinal indices[1]**

Tableau 3.21 **Différences entre les sexes (filles moins garçons) en termes d'ampleur de l'effet sur les échelles de culture scientifique et indices d'attitude en sciences**

Effect sizes in favour of females:
- from 0.2 to 0.5
- from 0.5 to 0.8
- Equal or greater than 0.8

Effect sizes in favour of males:
- from -0.2 to -0.5
- from -0.5 to -0.8
- Equal or less than -0.8

		General interest in science		Enjoyment of science		Instrumental motivation to learn science		Future-oriented motivation to learn science		Science-related activities		Awareness of environmental issues		Level of concern for environmental issues		Optimism regarding environmental issues		Responsibility for sustainable development	
		Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.
OECD	Australia	0.02	(0.02)	**-0.09**	(0.04)	-0.01	(0.02)	**-0.09**	(0.04)	**-0.19**	(0.08)	**-0.18**	(0.08)	**0.22**	(0.09)	**-0.21**	(0.08)	**0.20**	(0.08)
	Austria	-0.06	(0.03)	-0.04	(0.03)	**-0.21**	(0.08)	-0.08	(0.04)	-0.07	(0.04)	**-0.18**	(0.08)	**0.28**	(0.11)	**-0.25**	(0.10)	**0.16**	(0.07)
	Belgium	0.06	(0.04)	**-0.08**	(0.04)	**-0.08**	(0.04)	**-0.18**	(0.07)	**-0.13**	(0.05)	**-0.22**	(0.09)	**0.15**	(0.06)	**-0.13**	(0.05)	**0.09**	(0.05)
	Canada	0.02	(0.02)	**-0.08**	(0.04)	**0.08**	(0.04)	-0.03	(0.02)	**-0.20**	(0.08)	**-0.18**	(0.07)	**0.22**	(0.08)	**-0.31**	(0.12)	**0.23**	(0.09)
	Czech Republic	0.03	(0.03)	**0.24**	(0.10)	**0.18**	(0.07)	**0.24**	(0.10)	**0.18**	(0.08)	**-0.19**	(0.08)	**0.19**	(0.08)	**-0.20**	(0.08)	-0.03	(0.03)
	Denmark	-0.01	(0.03)	-0.01	(0.03)	**0.08**	(0.03)	**0.08**	(0.03)	-0.08	(0.04)	**-0.31**	(0.13)	**0.18**	(0.07)	**-0.20**	(0.09)	**0.27**	(0.11)
	Finland	-0.01	(0.03)	**0.21**	(0.09)	**0.15**	(0.06)	**0.12**	(0.05)	0.04	(0.03)	**-0.23**	(0.10)	**0.33**	(0.13)	**-0.24**	(0.10)	**0.52**	(0.19)
	France	-0.05	(0.03)	**-0.16**	(0.07)	**-0.10**	(0.05)	**-0.17**	(0.07)	**-0.16**	(0.07)	**-0.29**	(0.12)	**0.11**	(0.04)	-0.04	(0.03)	0.01	(0.02)
	Germany	**-0.08**	(0.04)	**-0.14**	(0.06)	**-0.16**	(0.07)	**-0.21**	(0.09)	**-0.10**	(0.05)	**-0.30**	(0.13)	**0.26**	(0.11)	**-0.22**	(0.09)	0.06	(0.03)
	Greece	0.01	(0.03)	**-0.19**	(0.08)	**-0.26**	(0.10)	**-0.35**	(0.13)	**-0.15**	(0.07)	-0.08	(0.05)	**0.21**	(0.09)	**-0.29**	(0.11)	0.10	(0.05)
	Hungary	-0.02	(0.03)	**0.12**	(0.05)	-0.03	(0.03)	0.02	(0.03)	-0.02	(0.03)	-0.06	(0.04)	**0.21**	(0.09)	**-0.08**	(0.04)	0.05	(0.03)
	Iceland	**-0.10**	(0.05)	**-0.17**	(0.07)	**-0.08**	(0.04)	**-0.30**	(0.11)	**-0.54**	(0.20)	**-0.39**	(0.16)	**0.11**	(0.05)	**-0.13**	(0.06)	**0.27**	(0.10)
	Ireland	**0.08**	(0.04)	0.06	(0.04)	**0.22**	(0.09)	**0.09**	(0.04)	**-0.17**	(0.07)	**-0.12**	(0.06)	**0.20**	(0.07)	**-0.25**	(0.09)	**0.19**	(0.08)
	Italy	0.00	(0.02)	**-0.09**	(0.04)	**-0.18**	(0.07)	**-0.22**	(0.08)	**-0.20**	(0.09)	**-0.13**	(0.06)	**0.18**	(0.07)	**-0.17**	(0.07)	**0.11**	(0.05)
	Japan	**-0.18**	(0.08)	**-0.49**	(0.19)	**-0.20**	(0.07)	**-0.46**	(0.18)	**-0.37**	(0.15)	**-0.15**	(0.07)	**0.17**	(0.07)	**-0.12**	(0.05)	**0.10**	(0.04)
	Korea	-0.06	(0.04)	**-0.26**	(0.11)	**-0.16**	(0.07)	**-0.30**	(0.12)	**-0.30**	(0.12)	-0.09	(0.05)	-0.01	(0.02)	**-0.10**	(0.05)	**0.10**	(0.05)
	Luxembourg	0.03	(0.03)	0.05	(0.03)	0.07	(0.04)	-0.02	(0.02)	**-0.11**	(0.05)	**-0.32**	(0.13)	**0.20**	(0.08)	**-0.18**	(0.08)	**0.08**	(0.04)
	Mexico	0.05	(0.03)	0.04	(0.03)	0.04	(0.03)	**-0.12**	(0.05)	**-0.09**	(0.04)	-0.03	(0.03)	**0.23**	(0.09)	0.00	(0.02)	0.04	(0.03)
	Netherlands	-0.04	(0.03)	**-0.29**	(0.12)	0.00	(0.03)	**-0.29**	(0.12)	**-0.36**	(0.14)	**-0.22**	(0.09)	**0.20**	(0.08)	**-0.16**	(0.07)	0.00	(0.02)
	New Zealand	0.06	(0.04)	**-0.10**	(0.05)	0.04	(0.03)	-0.05	(0.03)	**-0.15**	(0.06)	**-0.19**	(0.08)	**0.20**	(0.08)	**-0.15**	(0.07)	**0.20**	(0.08)
	Norway	**-0.09**	(0.04)	**-0.22**	(0.09)	-0.02	(0.03)	**-0.16**	(0.07)	**-0.32**	(0.12)	**-0.26**	(0.11)	**0.27**	(0.12)	**-0.25**	(0.11)	**0.27**	(0.11)
	Poland	0.04	(0.03)	**0.13**	(0.05)	**0.11**	(0.05)	**0.15**	(0.06)	0.06	(0.04)	-0.01	(0.02)	**0.30**	(0.12)	**-0.14**	(0.06)	0.10	(0.05)
	Portugal	0.01	(0.02)	0.04	(0.03)	**0.20**	(0.08)	-0.04	(0.03)	**-0.07**	(0.03)	**-0.14**	(0.06)	**0.16**	(0.07)	**-0.18**	(0.08)	0.06	(0.03)
	Slovak Republic	-0.05	(0.04)	-0.03	(0.03)	0.01	(0.04)	**0.13**	(0.06)	**-0.08**	(0.04)	**-0.12**	(0.06)	**0.11**	(0.05)	**-0.13**	(0.06)	**-0.20**	(0.09)
	Spain	0.04	(0.03)	0.03	(0.03)	**-0.09**	(0.04)	**-0.11**	(0.04)	**-0.15**	(0.06)	**-0.15**	(0.06)	**0.27**	(0.11)	**-0.14**	(0.06)	0.03	(0.03)
	Sweden	0.03	(0.03)	-0.01	(0.04)	-0.02	(0.03)	**-0.07**	(0.03)	**-0.23**	(0.09)	**-0.30**	(0.12)	**0.29**	(0.12)	**-0.20**	(0.08)	**0.27**	(0.11)
	Switzerland	-0.04	(0.02)	**-0.07**	(0.03)	**-0.11**	(0.05)	**-0.11**	(0.05)	**-0.14**	(0.06)	**-0.35**	(0.14)	**0.19**	(0.08)	**-0.19**	(0.08)	**0.12**	(0.06)
	Turkey	0.02	(0.03)	0.03	(0.03)	**0.08**	(0.04)	**-0.11**	(0.05)	**-0.16**	(0.07)	**0.17**	(0.08)	**0.32**	(0.15)	**-0.20**	(0.08)	**0.14**	(0.06)
	United Kingdom	**-0.14**	(0.06)	**-0.24**	(0.10)	**-0.13**	(0.05)	**-0.18**	(0.07)	**-0.20**	(0.08)	**-0.28**	(0.12)	**0.10**	(0.04)	**-0.23**	(0.09)	**0.08**	(0.04)
	United States	-0.04	(0.02)	**-0.18**	(0.07)	0.01	(0.03)	**-0.14**	(0.05)	**-0.25**	(0.09)	**-0.20**	(0.08)	**0.25**	(0.10)	**-0.33**	(0.13)	**0.13**	(0.06)
	OECD average	**-0.02**	(0.01)	**-0.07**	(0.01)	**-0.02**	(0.01)	**-0.10**	(0.01)	**-0.16**	(0.02)	**-0.18**	(0.02)	**0.20**	(0.02)	**-0.18**	(0.01)	**0.12**	(0.01)
Partners	Argentina	**0.16**	(0.07)	**0.18**	(0.08)	0.01	(0.03)	0.00	(0.03)	-0.08	(0.04)	-0.01	(0.03)	**0.20**	(0.09)	0.06	(0.03)	-0.09	(0.05)
	Azerbaijan	0.06	(0.03)	**0.13**	(0.06)	0.05	(0.04)	-0.01	(0.03)	**-0.19**	(0.07)	0.01	(0.03)	**0.15**	(0.06)	**0.15**	(0.06)	0.00	(0.03)
	Brazil	**0.13**	(0.06)	**0.14**	(0.06)	0.09	(0.05)	**-0.05**	(0.03)	-0.05	(0.03)	-0.03	(0.03)	**0.28**	(0.12)	0.00	(0.02)	-0.02	(0.02)
	Bulgaria	**0.14**	(0.06)	**0.17**	(0.08)	**0.12**	(0.05)	**0.12**	(0.05)	-0.03	(0.03)	**0.17**	(0.08)	**0.28**	(0.12)	**-0.23**	(0.09)	0.06	(0.04)
	Chile	**0.11**	(0.05)	-0.01	(0.03)	0.08	(0.04)	0.00	(0.03)	**-0.11**	(0.05)	**-0.19**	(0.08)	**0.19**	(0.08)	-0.04	(0.03)	**-0.13**	(0.06)
	Colombia	0.07	(0.04)	0.05	(0.03)	0.07	(0.04)	-0.01	(0.04)	-0.06	(0.04)	0.01	(0.04)	**0.22**	(0.09)	-0.07	(0.05)	**-0.12**	(0.06)
	Croatia	**0.12**	(0.06)	**0.11**	(0.05)	0.05	(0.04)	0.03	(0.03)	0.00	(0.02)	0.00	(0.03)	**0.21**	(0.09)	**-0.18**	(0.07)	-0.05	(0.03)
	Estonia	0.00	(0.02)	**0.15**	(0.06)	-0.01	(0.03)	0.07	(0.04)	0.08	(0.04)	0.00	(0.02)	**0.15**	(0.07)	**-0.16**	(0.07)	**0.09**	(0.04)
	Hong Kong-China	**-0.28**	(0.11)	**-0.37**	(0.14)	**-0.25**	(0.10)	**-0.38**	(0.15)	**-0.27**	(0.10)	-0.09	(0.05)	0.04	(0.03)	-0.05	(0.03)	-0.02	(0.03)
	Indonesia	0.02	(0.02)	0.05	(0.04)	**0.12**	(0.06)	0.12	(0.07)	0.01	(0.03)	**0.10**	(0.05)	**0.28**	(0.11)	-0.05	(0.03)	-0.10	(0.05)
	Israel	-0.06	(0.04)	-0.02	(0.04)	**-0.13**	(0.06)	**-0.15**	(0.06)	-0.09	(0.05)	**-0.14**	(0.07)	**0.11**	(0.06)	**-0.12**	(0.06)	m	m
	Jordan	0.07	(0.04)	-0.06	(0.04)	**0.20**	(0.08)	**-0.18**	(0.07)	**-0.15**	(0.07)	**0.40**	(0.17)	**0.19**	(0.08)	**-0.12**	(0.06)	**0.19**	(0.09)
	Kyrgyzstan	0.05	(0.03)	**0.18**	(0.08)	**0.16**	(0.07)	0.04	(0.03)	-0.02	(0.02)	**0.21**	(0.09)	**0.22**	(0.09)	**0.13**	(0.05)	0.06	(0.04)
	Latvia	-0.04	(0.04)	**0.13**	(0.06)	-0.01	(0.03)	0.00	(0.03)	0.01	(0.03)	-0.05	(0.04)	**0.22**	(0.10)	**-0.14**	(0.06)	-0.02	(0.02)
	Liechtenstein	0.05	(0.07)	-0.06	(0.10)	**-0.34**	(0.16)	-0.17	(0.11)	-0.21	(0.13)	-0.30	(0.15)	0.03	(0.10)	-0.05	(0.10)	0.06	(0.09)
	Lithuania	0.07	(0.04)	**0.21**	(0.09)	**-0.08**	(0.04)	**0.10**	(0.05)	**0.10**	(0.05)	-0.06	(0.04)	**0.15**	(0.07)	-0.06	(0.03)	0.04	(0.03)
	Macao-China	**-0.25**	(0.11)	**-0.26**	(0.10)	**-0.11**	(0.05)	**-0.26**	(0.10)	**-0.26**	(0.11)	-0.06	(0.04)	**0.20**	(0.08)	**-0.20**	(0.08)	0.07	(0.04)
	Montenegro	**0.15**	(0.07)	**0.11**	(0.05)	0.05	(0.03)	0.02	(0.03)	-0.02	(0.03)	**0.11**	(0.05)	**0.12**	(0.05)	-0.07	(0.04)	0.00	(0.03)
	Qatar	**-0.14**	(0.06)	**-0.18**	(0.07)	-0.02	(0.02)	**-0.33**	(0.11)	**-0.31**	(0.12)	-0.06	(0.03)	**0.09**	(0.04)	-0.02	(0.02)	**0.13**	(0.06)
	Romania	0.06	(0.03)	0.06	(0.04)	0.07	(0.04)	-0.02	(0.03)	-0.06	(0.04)	0.06	(0.04)	**0.17**	(0.08)	**-0.13**	(0.06)	-0.06	(0.03)
	Russian Federation	**0.14**	(0.06)	**0.09**	(0.05)	**-0.16**	(0.06)	**-0.10**	(0.05)	-0.02	(0.03)	0.00	(0.02)	**0.18**	(0.07)	-0.06	(0.03)	-0.04	(0.03)
	Serbia	**0.14**	(0.06)	-0.03	(0.03)	-0.04	(0.03)	**-0.12**	(0.05)	-0.05	(0.03)	**0.09**	(0.05)	**0.12**	(0.05)	**-0.16**	(0.07)	**-0.11**	(0.05)
	Slovenia	**-0.14**	(0.06)	0.06	(0.04)	0.00	(0.03)	0.03	(0.03)	-0.04	(0.03)	-0.06	(0.04)	**0.14**	(0.06)	**-0.26**	(0.11)	**0.13**	(0.06)
	Chinese Taipei	**-0.29**	(0.11)	**-0.51**	(0.20)	**-0.41**	(0.16)	**-0.61**	(0.24)	**-0.27**	(0.10)	**-0.13**	(0.06)	**0.12**	(0.05)	-0.06	(0.03)	**0.09**	(0.04)
	Thailand	**0.25**	(0.10)	0.03	(0.03)	**0.23**	(0.09)	0.05	(0.03)	0.10	(0.05)	**0.23**	(0.10)	**0.34**	(0.14)	-0.04	(0.03)	**0.23**	(0.09)
	Tunisia	0.07	(0.04)	-0.03	(0.03)	**0.13**	(0.06)	-0.07	(0.04)	**-0.10**	(0.04)	**-0.11**	(0.05)	0.05	(0.04)	0.02	(0.03)	0.06	(0.04)
	Uruguay	0.05	(0.03)	**0.23**	(0.09)	**0.10**	(0.05)	**0.12**	(0.05)	-0.06	(0.03)	-0.03	(0.03)	**0.11**	(0.05)	0.02	(0.03)	-0.02	(0.03)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
StatLink http://dx.doi.org/10.1787/142102278412

Pour consulter la version française intégrale de ce tableau, suivre ce lien :
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[Part 1/2]

Table 3.22 **Effect sizes for the difference between the top and bottom quarters of the PISA index of economic, social and cultural status (ESCS) for science attitudinal indices[1]**

Tableau 3.22 **Différences entre les quartiles supérieur et inférieur de l'indice PISA de statut économique, social et culturel (SESC) en termes d'ampleur de l'effet dans les indices d'attitude en sciences**

Effect sizes in favour of students from more advantaged background:
- from 0.2 to 0.5
- from 0.5 to 0.8
- Equal or greater than 0.8

Effect sizes in favour of students from less advantaged background:
- from -0.2 to -0.5
- from -0.5 to -0.8
- Equal or less than -0.8

		General value of science		Personal value of science		Self-efficacy in science		Self-concept in science		General interest in science		Enjoyment of science		Instrumental motivation to learn science	
		Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.
OECD	Australia	**0.60**	(0.22)	**0.49**	(0.19)	**0.72**	(0.27)	**0.51**	(0.19)	**0.40**	(0.13)	**0.51**	(0.19)	**0.40**	(0.15)
	Austria	**0.44**	(0.17)	**0.25**	(0.11)	**0.76**	(0.28)	**0.37**	(0.14)	**0.39**	(0.14)	**0.41**	(0.17)	0.03	(0.05)
	Belgium	**0.41**	(0.15)	**0.44**	(0.16)	**0.60**	(0.21)	**0.34**	(0.12)	**0.51**	(0.16)	**0.47**	(0.17)	**0.28**	(0.10)
	Canada	**0.44**	(0.16)	**0.46**	(0.18)	**0.63**	(0.22)	**0.46**	(0.17)	**0.35**	(0.12)	**0.43**	(0.16)	**0.40**	(0.16)
	Czech Republic	**0.23**	(0.09)	0.05	(0.04)	**0.50**	(0.20)	**0.18**	(0.08)	**0.20**	(0.08)	**0.14**	(0.06)	0.09	(0.05)
	Denmark	**0.45**	(0.18)	**0.45**	(0.19)	**0.75**	(0.28)	**0.47**	(0.18)	**0.48**	(0.16)	**0.53**	(0.20)	**0.28**	(0.12)
	Finland	**0.54**	(0.21)	**0.51**	(0.19)	**0.63**	(0.23)	**0.53**	(0.20)	**0.45**	(0.16)	**0.41**	(0.15)	**0.50**	(0.19)
	France	**0.46**	(0.17)	**0.49**	(0.18)	**0.77**	(0.26)	**0.43**	(0.16)	**0.52**	(0.16)	**0.50**	(0.19)	**0.46**	(0.18)
	Germany	**0.48**	(0.17)	**0.36**	(0.14)	**0.70**	(0.24)	**0.33**	(0.13)	**0.31**	(0.11)	**0.51**	(0.20)	**0.17**	(0.08)
	Greece	**0.40**	(0.15)	**0.48**	(0.19)	**0.61**	(0.24)	**0.49**	(0.19)	**0.50**	(0.18)	**0.47**	(0.18)	**0.25**	(0.11)
	Hungary	**0.46**	(0.17)	**0.16**	(0.07)	**0.63**	(0.23)	**0.22**	(0.10)	**0.26**	(0.09)	**0.29**	(0.11)	0.04	(0.05)
	Iceland	**0.49**	(0.19)	**0.51**	(0.19)	**0.66**	(0.24)	**0.71**	(0.26)	**0.45**	(0.16)	**0.55**	(0.20)	**0.52**	(0.20)
	Ireland	**0.61**	(0.22)	**0.65**	(0.23)	**0.75**	(0.27)	**0.56**	(0.20)	**0.57**	(0.18)	**0.53**	(0.19)	**0.46**	(0.15)
	Italy	**0.45**	(0.17)	**0.29**	(0.11)	**0.49**	(0.18)	**0.24**	(0.10)	**0.31**	(0.11)	**0.29**	(0.11)	**0.32**	(0.13)
	Japan	**0.36**	(0.14)	**0.33**	(0.13)	**0.44**	(0.15)	**0.21**	(0.09)	**0.37**	(0.13)	**0.31**	(0.12)	**0.40**	(0.16)
	Korea	**0.28**	(0.11)	**0.39**	(0.15)	**0.60**	(0.22)	**0.49**	(0.20)	**0.46**	(0.16)	**0.44**	(0.18)	**0.24**	(0.11)
	Luxembourg	**0.52**	(0.19)	**0.34**	(0.13)	**0.71**	(0.25)	**0.41**	(0.16)	**0.44**	(0.14)	**0.47**	(0.18)	**0.19**	(0.08)
	Mexico	**0.39**	(0.15)	0.02	(0.03)	**0.53**	(0.19)	**0.21**	(0.09)	**-0.10**	(0.05)	**-0.24**	(0.10)	**-0.16**	(0.07)
	Netherlands	**0.51**	(0.20)	**0.37**	(0.15)	**0.54**	(0.19)	**0.38**	(0.15)	**0.38**	(0.13)	**0.47**	(0.19)	**0.15**	(0.07)
	New Zealand	**0.59**	(0.23)	**0.49**	(0.19)	**0.75**	(0.27)	**0.49**	(0.18)	**0.32**	(0.11)	**0.49**	(0.18)	**0.43**	(0.16)
	Norway	**0.45**	(0.17)	**0.39**	(0.14)	**0.59**	(0.20)	**0.45**	(0.17)	**0.40**	(0.13)	**0.41**	(0.16)	**0.31**	(0.12)
	Poland	**0.38**	(0.15)	0.06	(0.04)	**0.68**	(0.26)	**0.31**	(0.13)	**0.21**	(0.09)	**0.17**	(0.08)	0.01	(0.03)
	Portugal	**0.50**	(0.18)	**0.39**	(0.15)	**0.66**	(0.23)	**0.41**	(0.15)	**0.34**	(0.11)	**0.26**	(0.10)	**0.63**	(0.24)
	Slovak Republic	**0.36**	(0.15)	-0.03	(0.05)	**0.54**	(0.21)	**0.25**	(0.11)	**0.35**	(0.12)	0.12	(0.06)	0.04	(0.04)
	Spain	**0.40**	(0.15)	**0.47**	(0.18)	**0.61**	(0.22)	**0.54**	(0.20)	**0.41**	(0.14)	**0.45**	(0.18)	**0.46**	(0.18)
	Sweden	**0.55**	(0.21)	**0.59**	(0.22)	**0.62**	(0.23)	**0.55**	(0.21)	**0.40**	(0.15)	**0.46**	(0.18)	**0.44**	(0.16)
	Switzerland	**0.40**	(0.14)	**0.36**	(0.13)	**0.74**	(0.27)	**0.42**	(0.16)	**0.50**	(0.16)	**0.49**	(0.18)	**0.31**	(0.11)
	Turkey	**0.37**	(0.14)	**0.32**	(0.14)	**0.55**	(0.20)	0.14	(0.07)	**0.24**	(0.10)	**0.23**	(0.10)	0.09	(0.05)
	United Kingdom	**0.53**	(0.20)	**0.46**	(0.18)	**0.76**	(0.29)	**0.40**	(0.17)	**0.36**	(0.12)	**0.46**	(0.18)	**0.31**	(0.13)
	United States	**0.60**	(0.22)	**0.47**	(0.18)	**0.67**	(0.24)	**0.48**	(0.17)	**0.18**	(0.07)	**0.41**	(0.15)	**0.31**	(0.13)
	OECD average	**0.46**	(0.03)	**0.37**	(0.03)	**0.64**	(0.04)	**0.40**	(0.03)	**0.37**	(0.02)	**0.38**	(0.03)	**0.28**	(0.02)
Partners	Argentina	**0.24**	(0.10)	**-0.16**	(0.07)	**0.50**	(0.19)	0.11	(0.07)	-0.10	(0.07)	-0.13	(0.07)	-0.15	(0.07)
	Azerbaijan	**0.27**	(0.10)	0.03	(0.05)	**0.50**	(0.17)	0.10	(0.07)	**0.26**	(0.10)	-0.06	(0.05)	-0.03	(0.05)
	Brazil	**0.28**	(0.11)	-0.09	(0.05)	**0.67**	(0.24)	0.07	(0.04)	-0.04	(0.05)	**-0.13**	(0.06)	**-0.15**	(0.07)
	Bulgaria	**0.27**	(0.11)	0.01	(0.04)	**0.64**	(0.20)	**0.16**	(0.08)	**0.20**	(0.08)	0.08	(0.05)	-0.11	(0.06)
	Chile	**0.38**	(0.14)	**0.18**	(0.08)	**0.74**	(0.27)	**0.36**	(0.13)	0.00	(0.04)	**0.24**	(0.10)	**0.16**	(0.08)
	Colombia	**0.25**	(0.09)	-0.11	(0.07)	**0.57**	(0.22)	**0.19**	(0.09)	**-0.25**	(0.11)	**-0.16**	(0.08)	-0.16	(0.09)
	Croatia	**0.29**	(0.11)	0.05	(0.04)	**0.61**	(0.24)	**0.17**	(0.08)	**0.18**	(0.07)	0.06	(0.04)	-0.03	(0.04)
	Estonia	**0.48**	(0.18)	**0.35**	(0.14)	**0.54**	(0.21)	**0.43**	(0.16)	**0.41**	(0.14)	**0.27**	(0.11)	**0.14**	(0.06)
	Hong Kong-China	**0.28**	(0.11)	**0.26**	(0.10)	**0.56**	(0.21)	**0.22**	(0.09)	**0.31**	(0.11)	**0.32**	(0.13)	0.04	(0.05)
	Indonesia	**0.29**	(0.12)	0.08	(0.05)	**0.58**	(0.20)	-0.09	(0.06)	**0.26**	(0.09)	0.05	(0.05)	0.13	(0.08)
	Israel	**0.35**	(0.13)	**0.21**	(0.09)	**0.35**	(0.14)	**0.23**	(0.09)	0.07	(0.05)	0.03	(0.05)	-0.09	(0.06)
	Jordan	**0.49**	(0.17)	**0.33**	(0.13)	**0.46**	(0.17)	**0.39**	(0.15)	**0.28**	(0.10)	**0.16**	(0.08)	**0.30**	(0.11)
	Kyrgyzstan	**0.17**	(0.07)	**-0.14**	(0.06)	**0.30**	(0.12)	**-0.21**	(0.09)	-0.06	(0.04)	**-0.30**	(0.13)	**-0.33**	(0.14)
	Latvia	**0.41**	(0.16)	**0.21**	(0.11)	**0.46**	(0.19)	0.17	(0.09)	**0.20**	(0.10)	0.06	(0.06)	0.03	(0.05)
	Liechtenstein	**0.53**	(0.25)	0.35	(0.19)	**0.69**	(0.28)	0.42	(0.23)	**0.45**	(0.19)	**0.78**	(0.33)	0.16	(0.13)
	Lithuania	**0.38**	(0.15)	**0.20**	(0.09)	**0.60**	(0.22)	**0.37**	(0.15)	**0.29**	(0.12)	**0.21**	(0.09)	0.06	(0.04)
	Macao-China	**0.22**	(0.09)	**0.27**	(0.12)	**0.50**	(0.19)	**0.23**	(0.10)	**0.15**	(0.07)	**0.13**	(0.06)	0.06	(0.06)
	Montenegro	**0.23**	(0.09)	-0.05	(0.04)	**0.70**	(0.25)	**0.18**	(0.07)	**0.16**	(0.06)	**-0.15**	(0.07)	**-0.16**	(0.07)
	Qatar	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Romania	**0.43**	(0.16)	**0.18**	(0.08)	**0.56**	(0.20)	**0.19**	(0.09)	**0.27**	(0.10)	0.05	(0.04)	-0.05	(0.05)
	Russian Federation	**0.30**	(0.12)	-0.01	(0.04)	**0.47**	(0.17)	**0.25**	(0.11)	-0.01	(0.05)	0.04	(0.04)	-0.13	(0.07)
	Serbia	**0.15**	(0.06)	-0.12	(0.06)	**0.55**	(0.21)	0.08	(0.05)	0.07	(0.04)	**-0.27**	(0.11)	-0.11	(0.06)
	Slovenia	**0.35**	(0.14)	**0.17**	(0.08)	**0.70**	(0.27)	0.11	(0.06)	**0.24**	(0.10)	0.11	(0.06)	**0.16**	(0.07)
	Chinese Taipei	**0.43**	(0.16)	**0.35**	(0.13)	**0.65**	(0.23)	**0.35**	(0.14)	**0.41**	(0.14)	**0.40**	(0.15)	**0.29**	(0.12)
	Thailand	**0.29**	(0.11)	**0.23**	(0.09)	**0.36**	(0.14)	0.02	(0.04)	0.09	(0.06)	**0.10**	(0.05)	**0.15**	(0.07)
	Tunisia	**0.32**	(0.12)	**0.25**	(0.10)	**0.41**	(0.17)	**0.18**	(0.08)	**0.13**	(0.07)	-0.06	(0.05)	**0.13**	(0.07)
	Uruguay	**0.16**	(0.07)	**-0.13**	(0.07)	**0.48**	(0.16)	**0.20**	(0.08)	-0.06	(0.05)	-0.05	(0.05)	0.04	(0.04)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
StatLink http://dx.doi.org/10.1787/142102278412

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[Part 2/2]

Table 3.22 **Effect sizes for the difference between the top and bottom quarters of the PISA index of economic, social and cultural status (ESCS) for science attitudinal indices[1]**

Tableau 3.22 **Différences entre les quartiles supérieur et inférieur de l'indice PISA de statut économique, social et culturel (SESC) en termes d'ampleur de l'effet dans les indices d'attitude en sciences**

Effect sizes in favour of students from more advantaged background:
- from 0.2 to 0.5
- from 0.5 to 0.8
- Equal or greater than 0.8

Effect sizes in favour of students from less advantaged background:
- from -0.2 to -0.5
- from -0.5 to -0.8
- Equal or less than -0.8

		Future-oriented motivation to learn science		Science-related activities		Awareness of environmental issues		Level of concern for environmental issues		Optimism regarding environmental issues		Responsibility for sustainable development	
		Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.
OECD	Australia	**0.33**	(0.13)	**0.45**	(0.17)	**0.68**	(0.24)	**0.12**	(0.04)	**-0.07**	(0.03)	**0.43**	(0.17)
	Austria	**0.29**	(0.13)	**0.32**	(0.13)	**0.69**	(0.25)	0.05	(0.04)	**-0.25**	(0.09)	**0.33**	(0.13)
	Belgium	**0.38**	(0.15)	**0.40**	(0.14)	**0.83**	(0.27)	0.03	(0.03)	**-0.28**	(0.10)	**0.37**	(0.14)
	Canada	**0.40**	(0.16)	**0.37**	(0.14)	**0.60**	(0.22)	0.05	(0.03)	**-0.08**	(0.04)	**0.29**	(0.11)
	Czech Republic	0.11	(0.05)	**0.13**	(0.06)	**0.49**	(0.19)	**-0.20**	(0.08)	**-0.11**	(0.06)	**0.18**	(0.08)
	Denmark	**0.32**	(0.14)	**0.46**	(0.17)	**0.68**	(0.24)	0.04	(0.05)	**-0.10**	(0.05)	**0.40**	(0.16)
	Finland	**0.47**	(0.18)	**0.37**	(0.14)	**0.52**	(0.20)	0.02	(0.04)	**-0.14**	(0.06)	**0.36**	(0.14)
	France	**0.43**	(0.18)	**0.55**	(0.19)	**0.91**	(0.29)	**0.33**	(0.12)	**-0.52**	(0.18)	**0.53**	(0.20)
	Germany	**0.38**	(0.16)	**0.53**	(0.18)	**0.74**	(0.25)	0.08	(0.05)	-0.10	(0.06)	**0.28**	(0.11)
	Greece	**0.35**	(0.14)	**0.44**	(0.16)	**0.62**	(0.24)	**0.20**	(0.08)	**-0.38**	(0.14)	**0.50**	(0.19)
	Hungary	0.14	(0.07)	**0.29**	(0.10)	**0.63**	(0.22)	-0.02	(0.04)	**-0.31**	(0.11)	**0.30**	(0.12)
	Iceland	**0.48**	(0.19)	**0.44**	(0.17)	**0.63**	(0.24)	**-0.15**	(0.06)	**-0.15**	(0.06)	**0.30**	(0.13)
	Ireland	**0.44**	(0.17)	**0.49**	(0.18)	**0.63**	(0.22)	0.00	(0.04)	**-0.15**	(0.08)	**0.48**	(0.17)
	Italy	**0.29**	(0.12)	**0.37**	(0.14)	**0.57**	(0.20)	**0.07**	(0.03)	**-0.29**	(0.11)	**0.29**	(0.11)
	Japan	**0.35**	(0.14)	**0.32**	(0.13)	**0.52**	(0.20)	0.08	(0.04)	0.03	(0.04)	**0.28**	(0.10)
	Korea	**0.21**	(0.10)	**0.52**	(0.20)	**0.61**	(0.23)	0.06	(0.04)	-0.02	(0.04)	**0.21**	(0.09)
	Luxembourg	**0.25**	(0.10)	**0.46**	(0.16)	**0.88**	(0.29)	**0.11**	(0.05)	**-0.37**	(0.14)	**0.41**	(0.16)
	Mexico	**-0.39**	(0.16)	-0.01	(0.04)	**0.54**	(0.19)	**0.17**	(0.07)	**-0.36**	(0.13)	**0.40**	(0.16)
	Netherlands	**0.33**	(0.14)	**0.43**	(0.16)	**0.78**	(0.28)	-0.01	(0.04)	**-0.12**	(0.05)	**0.38**	(0.14)
	New Zealand	**0.36**	(0.15)	**0.45**	(0.17)	**0.75**	(0.27)	0.00	(0.04)	**-0.19**	(0.07)	**0.40**	(0.15)
	Norway	**0.24**	(0.09)	**0.38**	(0.13)	**0.51**	(0.19)	0.03	(0.03)	-0.05	(0.04)	**0.38**	(0.14)
	Poland	0.03	(0.04)	**0.23**	(0.10)	**0.54**	(0.21)	0.06	(0.04)	**-0.10**	(0.05)	**0.19**	(0.08)
	Portugal	**0.42**	(0.18)	**0.31**	(0.11)	**0.86**	(0.30)	-0.10	(0.05)	**-0.35**	(0.12)	**0.27**	(0.10)
	Slovak Republic	-0.05	(0.04)	0.10	(0.06)	**0.59**	(0.23)	-0.04	(0.04)	**-0.20**	(0.08)	**0.28**	(0.12)
	Spain	**0.47**	(0.19)	**0.40**	(0.15)	**0.71**	(0.26)	-0.03	(0.04)	**-0.16**	(0.06)	**0.22**	(0.08)
	Sweden	**0.48**	(0.19)	**0.50**	(0.20)	**0.65**	(0.24)	0.04	(0.05)	**-0.14**	(0.06)	**0.41**	(0.15)
	Switzerland	**0.41**	(0.17)	**0.38**	(0.13)	**0.74**	(0.23)	**0.07**	(0.03)	**-0.21**	(0.08)	**0.50**	(0.19)
	Turkey	0.02	(0.05)	**0.37**	(0.15)	**0.57**	(0.21)	**0.17**	(0.07)	**-0.40**	(0.15)	**0.19**	(0.09)
	United Kingdom	**0.30**	(0.12)	**0.50**	(0.18)	**0.75**	(0.27)	**0.09**	(0.04)	**-0.18**	(0.07)	**0.51**	(0.20)
	United States	**0.26**	(0.10)	**0.24**	(0.08)	**0.73**	(0.26)	**0.16**	(0.06)	**-0.23**	(0.10)	**0.45**	(0.18)
	OECD average	**0.28**	(0.03)	**0.37**	(0.03)	**0.66**	(0.04)	**0.05**	(0.01)	**-0.20**	(0.02)	**0.35**	(0.03)
Partners	Argentina	**-0.15**	(0.07)	-0.10	(0.06)	**0.79**	(0.29)	**0.14**	(0.07)	**-0.43**	(0.15)	**0.45**	(0.19)
	Azerbaijan	**-0.23**	(0.10)	**0.18**	(0.07)	**0.35**	(0.13)	0.06	(0.05)	-0.10	(0.06)	**0.14**	(0.07)
	Brazil	**-0.14**	(0.07)	0.05	(0.04)	**0.75**	(0.30)	**0.12**	(0.06)	**-0.34**	(0.12)	**0.23**	(0.09)
	Bulgaria	**-0.24**	(0.10)	**0.33**	(0.12)	**0.72**	(0.23)	0.06	(0.05)	**-0.26**	(0.11)	**0.19**	(0.08)
	Chile	**0.21**	(0.09)	**0.15**	(0.06)	**0.88**	(0.33)	0.09	(0.04)	**-0.44**	(0.16)	**0.40**	(0.15)
	Colombia	**-0.31**	(0.14)	0.10	(0.05)	**0.64**	(0.21)	-0.02	(0.05)	**-0.45**	(0.16)	**0.25**	(0.10)
	Croatia	0.06	(0.04)	**0.23**	(0.09)	**0.61**	(0.23)	**-0.10**	(0.05)	**-0.26**	(0.09)	**0.12**	(0.05)
	Estonia	**0.17**	(0.08)	**0.18**	(0.07)	**0.43**	(0.16)	**-0.10**	(0.05)	**-0.11**	(0.06)	**0.26**	(0.11)
	Hong Kong-China	0.09	(0.05)	**0.49**	(0.18)	**0.53**	(0.20)	-0.02	(0.04)	0.01	(0.03)	**0.32**	(0.12)
	Indonesia	0.10	(0.07)	**0.66**	(0.22)	**0.59**	(0.23)	**0.18**	(0.07)	-0.05	(0.04)	**0.32**	(0.12)
	Israel	0.08	(0.05)	-0.09	(0.06)	**0.40**	(0.14)	**0.17**	(0.07)	**-0.35**	(0.13)	m	m
	Jordan	**0.26**	(0.11)	**0.15**	(0.07)	**0.46**	(0.17)	**0.11**	(0.05)	**-0.34**	(0.13)	**0.29**	(0.11)
	Kyrgyzstan	**-0.49**	(0.21)	**-0.23**	(0.10)	**0.24**	(0.10)	0.09	(0.05)	0.03	(0.05)	-0.06	(0.06)
	Latvia	0.05	(0.06)	0.19	(0.10)	**0.54**	(0.23)	-0.05	(0.04)	**-0.13**	(0.06)	**0.22**	(0.11)
	Liechtenstein	**0.45**	(0.22)	0.34	(0.20)	**0.44**	(0.20)	-0.12	(0.12)	-0.02	(0.13)	**0.44**	(0.23)
	Lithuania	0.10	(0.06)	**0.14**	(0.07)	**0.64**	(0.24)	**-0.12**	(0.06)	-0.09	(0.05)	**0.18**	(0.08)
	Macao-China	0.02	(0.04)	**0.46**	(0.18)	**0.47**	(0.18)	-0.02	(0.04)	0.02	(0.04)	0.08	(0.05)
	Montenegro	**-0.25**	(0.11)	**0.21**	(0.09)	**0.59**	(0.23)	0.03	(0.04)	**-0.24**	(0.10)	0.06	(0.04)
	Qatar	m	m	m	m	m	m	m	m	m	m	m	m
	Romania	-0.10	(0.05)	**0.39**	(0.14)	**0.54**	(0.21)	-0.10	(0.06)	**-0.19**	(0.08)	**0.52**	(0.20)
	Russian Federation	**-0.29**	(0.12)	0.06	(0.07)	**0.55**	(0.21)	0.04	(0.04)	-0.07	(0.05)	**0.22**	(0.09)
	Serbia	**-0.16**	(0.07)	**0.16**	(0.06)	**0.55**	(0.21)	-0.06	(0.04)	**-0.34**	(0.12)	0.06	(0.04)
	Slovenia	**0.25**	(0.11)	**0.24**	(0.10)	**0.62**	(0.24)	**-0.12**	(0.05)	-0.04	(0.04)	**0.24**	(0.10)
	Chinese Taipei	**0.32**	(0.13)	**0.52**	(0.18)	**0.64**	(0.24)	**0.29**	(0.10)	**-0.17**	(0.06)	**0.26**	(0.10)
	Thailand	-0.01	(0.04)	**0.39**	(0.15)	**0.45**	(0.17)	**0.15**	(0.06)	**-0.33**	(0.13)	**0.35**	(0.13)
	Tunisia	0.12	(0.06)	**0.11**	(0.06)	**0.43**	(0.17)	0.00	(0.03)	**-0.47**	(0.19)	**0.19**	(0.08)
	Uruguay	-0.03	(0.05)	-0.06	(0.05)	**0.64**	(0.23)	**-0.13**	(0.06)	**-0.21**	(0.08)	**0.25**	(0.10)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.

StatLink http://dx.doi.org/10.1787/142102278412

Pour consulter la version française intégrale de ce tableau, suivre ce lien :
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[Part 1/2]

Table 3.23 **Effect sizes for the difference between students with an immigrant background and native students for science attitudinal indices[1]**

Tableau 3.23 **Différences en termes d'ampleur de l'effet dans les indices d'attitude en sciences entre les élèves allochtones et autochtones**

Effect sizes in favour of native students:
- from -0.2 to -0.5
- from -0.5 to -0.8
- Equal or less than -0.8

Effect sizes in favour of students with an immigrant background:
- from 0.2 to 0.5
- from 0.5 to 0.8
- Equal or greater than 0.8

		Percentage of students with an immigrant background	Awareness of environmental issues		Optimism regarding environmental issues		Level of concern for environmental issues		Responsibility for sustainable development		General value of science		Personal value of science	
			Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.
OECD	Australia	21.9	**0.13**	(0.06)	**0.14**	(0.05)	-0.02	(0.02)	**0.08**	(0.04)	**0.23**	(0.09)	**0.22**	(0.09)
	Austria	13.2	**-0.40**	(0.16)	**0.29**	(0.11)	-0.10	(0.06)	**-0.16**	(0.06)	0.03	(0.04)	**0.16**	(0.06)
	Belgium	13.3	**-0.43**	(0.17)	**0.25**	(0.10)	0.01	(0.04)	0.04	(0.04)	0.07	(0.04)	**0.15**	(0.07)
	Canada	21.1	0.06	(0.04)	**0.11**	(0.05)	-0.05	(0.03)	-0.02	(0.03)	**0.25**	(0.10)	**0.25**	(0.10)
	Czech Republic	1.9	c	c	c	c	c	c	c	c	c	c	c	c
	Denmark	7.6	**-0.17**	(0.09)	**0.34**	(0.14)	-0.09	(0.06)	-0.17	(0.09)	**0.14**	(0.07)	**0.29**	(0.12)
	Finland	1.5	c	c	c	c	c	c	c	c	c	c	c	c
	France	13.0	**-0.19**	(0.09)	**0.32**	(0.13)	**-0.18**	(0.08)	**-0.13**	(0.06)	**0.15**	(0.07)	**0.16**	(0.07)
	Germany	14.2	**-0.53**	(0.21)	**0.19**	(0.09)	-0.07	(0.05)	**-0.20**	(0.09)	**-0.17**	(0.07)	**-0.15**	(0.06)
	Greece	7.6	**-0.25**	(0.12)	**0.24**	(0.12)	-0.01	(0.05)	**-0.29**	(0.11)	0.01	(0.04)	-0.00	(0.05)
	Hungary	1.7	c	c	c	c	c	c	c	c	c	c	c	c
	Iceland	1.8	c	c	c	c	c	c	c	c	c	c	c	c
	Ireland	5.6	-0.08	(0.07)	0.16	(0.08)	0.03	(0.06)	0.05	(0.06)	**0.13**	(0.07)	**0.23**	(0.09)
	Italy	3.8	**-0.47**	(0.20)	**0.34**	(0.14)	**-0.26**	(0.11)	**-0.36**	(0.14)	-0.13	(0.07)	-0.06	(0.06)
	Japan	0.4	c	c	c	c	c	c	c	c	c	c	c	c
	Korea	0.0	c	c	c	c	c	c	c	c	c	c	c	c
	Luxembourg	36.1	**-0.34**	(0.14)	**0.24**	(0.10)	**-0.12**	(0.06)	-0.03	(0.03)	**-0.19**	(0.07)	-0.00	(0.03)
	Mexico	2.4	c	c	c	c	c	c	c	c	c	c	c	c
	Netherlands	11.3	**-0.31**	(0.14)	0.09	(0.07)	-0.06	(0.05)	-0.06	(0.05)	0.02	(0.04)	**0.17**	(0.07)
	New Zealand	21.3	**0.11**	(0.05)	**0.20**	(0.08)	0.08	(0.05)	**0.22**	(0.08)	**0.34**	(0.13)	**0.34**	(0.13)
	Norway	6.1	-0.08	(0.06)	0.15	(0.08)	-0.07	(0.07)	-0.13	(0.07)	0.05	(0.05)	0.14	(0.08)
	Poland	0.2	c	c	c	c	c	c	c	c	c	c	c	c
	Portugal	5.9	**-0.29**	(0.12)	**0.23**	(0.10)	**-0.20**	(0.09)	**-0.17**	(0.07)	**-0.14**	(0.06)	-0.12	(0.07)
	Slovak Republic	0.5	c	c	c	c	c	c	c	c	c	c	c	c
	Spain	6.9	**-0.24**	(0.12)	**0.18**	(0.07)	**-0.22**	(0.09)	**-0.18**	(0.09)	-0.01	(0.05)	**0.19**	(0.08)
	Sweden	10.8	**-0.16**	(0.07)	**0.20**	(0.08)	0.07	(0.05)	-0.06	(0.04)	**0.15**	(0.07)	**0.26**	(0.11)
	Switzerland	22.4	**-0.37**	(0.16)	**0.30**	(0.12)	**-0.13**	(0.07)	**-0.21**	(0.08)	0.04	(0.03)	0.03	(0.03)
	Turkey	1.5	c	c	c	c	c	c	c	c	c	c	c	c
	United Kingdom	8.6	**0.12**	(0.06)	0.10	(0.06)	0.06	(0.05)	**0.13**	(0.06)	**0.29**	(0.12)	**0.36**	(0.14)
	United States	15.2	**-0.23**	(0.10)	0.10	(0.05)	0.06	(0.04)	**0.10**	(0.04)	0.03	(0.04)	0.01	(0.04)
	OECD average	9.3	**-0.21**	(0.03)	**0.21**	(0.02)	**-0.06**	(0.01)	**-0.08**	(0.02)	**0.07**	(0.02)	**0.13**	(0.02)
Partners	Argentina	2.7	c	c	c	c	c	c	c	c	c	c	c	c
	Azerbaijan	2.4	c	c	c	c	c	c	c	c	c	c	c	c
	Brazil	2.4	c	c	c	c	c	c	c	c	c	c	c	c
	Bulgaria	0.2	c	c	c	c	c	c	c	c	c	c	c	c
	Chile	0.6	c	c	c	c	c	c	c	c	c	c	c	c
	Colombia	0.4	c	c	c	c	c	c	c	c	c	c	c	c
	Croatia	12.0	**-0.15**	(0.07)	**0.18**	(0.08)	0.04	(0.03)	-0.03	(0.03)	0.05	(0.04)	0.04	(0.04)
	Estonia	11.6	-0.05	(0.05)	**0.52**	(0.21)	**-0.15**	(0.07)	0.05	(0.05)	**-0.25**	(0.10)	-0.03	(0.04)
	Hong Kong-China	43.8	0.01	(0.03)	0.03	(0.04)	-0.01	(0.03)	-0.04	(0.03)	**0.08**	(0.04)	**0.09**	(0.04)
	Indonesia	0.2	c	c	c	c	c	c	c	c	c	c	c	c
	Israel	23.0	-0.03	(0.04)	0.05	(0.04)	-0.08	(0.05)	m	m	-0.05	(0.04)	-0.07	(0.04)
	Jordan	16.8	0.08	(0.05)	**-0.14**	(0.06)	**0.09**	(0.04)	0.01	(0.04)	0.07	(0.04)	-0.05	(0.04)
	Kyrgyzstan	2.6	c	c	c	c	c	c	c	c	c	c	c	c
	Latvia	7.1	0.02	(0.05)	**0.23**	(0.11)	**-0.24**	(0.11)	0.04	(0.06)	0.05	(0.05)	**0.26**	(0.12)
	Liechtenstein	36.8	-0.16	(0.12)	**0.33**	(0.15)	-0.00	(0.09)	-0.06	(0.09)	0.06	(0.10)	**0.32**	(0.15)
	Lithuania	2.1	c	c	c	c	c	c	c	c	c	c	c	c
	Macao-China	73.6	0.02	(0.03)	-0.05	(0.03)	0.07	(0.04)	-0.01	(0.03)	0.08	(0.04)	-0.00	(0.03)
	Montenegro	7.2	**0.32**	(0.14)	**-0.29**	(0.12)	0.01	(0.05)	-0.11	(0.07)	0.02	(0.06)	-0.03	(0.06)
	Qatar	40.5	**0.28**	(0.10)	**-0.30**	(0.11)	**0.15**	(0.05)	**0.21**	(0.07)	**0.36**	(0.12)	**0.26**	(0.09)
	Romania	0.1	c	c	c	c	c	c	c	c	c	c	c	c
	Russian Federation	8.7	-0.06	(0.05)	-0.07	(0.05)	0.01	(0.05)	-0.07	(0.05)	-0.03	(0.04)	-0.04	(0.04)
	Serbia	9.0	-0.05	(0.04)	-0.08	(0.06)	-0.09	(0.06)	-0.08	(0.05)	-0.03	(0.05)	**-0.18**	(0.07)
	Slovenia	10.3	**-0.38**	(0.15)	0.05	(0.04)	-0.10	(0.05)	**-0.19**	(0.08)	**-0.22**	(0.09)	**-0.21**	(0.09)
	Chinese Taipei	0.6	c	c	c	c	c	c	c	c	c	c	c	c
	Thailand	0.3	c	c	c	c	c	c	c	c	c	c	c	c
	Tunisia	0.8	c	c	c	c	c	c	c	c	c	c	c	c
	Uruguay	0.4	c	c	c	c	c	c	c	c	c	c	c	c

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
StatLink http://dx.doi.org/10.1787/142102278412

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[Part 2/2]

Table 3.23 **Effect sizes for the difference between students with an immigrant background and native students for science attitudinal indices[1]**

Tableau 3.23 **Différences en termes d'ampleur de l'effet dans les indices d'attitude en sciences entre les élèves allochtones et autochtones**

Effect sizes in favour of native students:
- from -0.2 to -0.5
- from -0.5 to -0.8
- Equal or less than -0.8

Effect sizes in favour of students with an immigrant background:
- from 0.2 to 0.5
- from 0.5 to 0.8
- Equal or greater than 0.8

		General interest in science		Enjoyment of science		Instrumental motivation to learn science		Future-oriented motivation to learn science		Science-related activities		Self-concept in science		Self-efficacy in science	
		Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.
OECD	Australia	**0.27**	(0.10)	**0.28**	(0.11)	**0.25**	(0.10)	**0.27**	(0.11)	**0.29**	(0.11)	**0.13**	(0.05)	**0.17**	(0.07)
	Austria	0.07	(0.06)	**0.10**	(0.05)	**0.24**	(0.11)	**0.18**	(0.07)	**0.15**	(0.07)	**-0.18**	(0.09)	0.06	(0.05)
	Belgium	0.05	(0.04)	**0.18**	(0.08)	**0.31**	(0.13)	**0.14**	(0.06)	**0.16**	(0.07)	-0.06	(0.04)	**0.24**	(0.10)
	Canada	**0.23**	(0.08)	**0.24**	(0.09)	**0.21**	(0.08)	**0.26**	(0.10)	**0.28**	(0.11)	0.06	(0.04)	0.01	(0.02)
	Czech Republic	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Denmark	**0.25**	(0.11)	**0.23**	(0.09)	0.09	(0.07)	**0.31**	(0.13)	**0.17**	(0.08)	-0.07	(0.06)	0.13	(0.07)
	Finland	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	France	0.09	(0.06)	**0.22**	(0.09)	**0.15**	(0.07)	**0.19**	(0.08)	**0.22**	(0.09)	-0.05	(0.05)	0.08	(0.05)
	Germany	-0.08	(0.04)	**-0.14**	(0.06)	**-0.11**	(0.05)	-0.02	(0.04)	-0.04	(0.04)	**-0.31**	(0.11)	**-0.14**	(0.06)
	Greece	0.04	(0.05)	0.09	(0.06)	0.05	(0.06)	-0.04	(0.04)	0.05	(0.05)	-0.07	(0.06)	-0.09	(0.06)
	Hungary	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Iceland	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Ireland	**0.20**	(0.09)	**0.26**	(0.11)	**0.26**	(0.11)	**0.29**	(0.13)	**0.34**	(0.14)	0.11	(0.07)	**0.24**	(0.11)
	Italy	-0.04	(0.05)	0.02	(0.05)	0.03	(0.05)	0.07	(0.06)	0.09	(0.06)	**-0.30**	(0.12)	**-0.20**	(0.09)
	Japan	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Korea	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Luxembourg	-0.08	(0.04)	-0.03	(0.03)	**0.08**	(0.04)	0.02	(0.02)	-0.06	(0.03)	**-0.14**	(0.06)	**-0.16**	(0.06)
	Mexico	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Netherlands	0.13	(0.07)	**0.28**	(0.11)	-0.10	(0.06)	**0.15**	(0.07)	**0.24**	(0.10)	0.01	(0.04)	0.06	(0.06)
	New Zealand	**0.37**	(0.13)	**0.39**	(0.14)	**0.39**	(0.15)	**0.39**	(0.15)	**0.41**	(0.15)	**0.11**	(0.05)	**0.28**	(0.10)
	Norway	0.17	(0.09)	**0.19**	(0.09)	**0.28**	(0.13)	**0.35**	(0.15)	**0.28**	(0.13)	-0.00	(0.05)	0.12	(0.08)
	Poland	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Portugal	-0.01	(0.06)	-0.02	(0.05)	-0.14	(0.08)	-0.15	(0.08)	0.06	(0.06)	**-0.28**	(0.11)	-0.00	(0.08)
	Slovak Republic	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Spain	**0.23**	(0.09)	**0.27**	(0.10)	**0.27**	(0.11)	**0.23**	(0.09)	**0.41**	(0.16)	-0.09	(0.05)	0.09	(0.05)
	Sweden	**0.28**	(0.10)	**0.29**	(0.11)	**0.29**	(0.12)	**0.32**	(0.13)	**0.32**	(0.12)	0.05	(0.04)	0.08	(0.04)
	Switzerland	0.03	(0.02)	-0.03	(0.03)	-0.00	(0.02)	**0.10**	(0.04)	**0.09**	(0.04)	-0.10	(0.05)	**-0.12**	(0.05)
	Turkey	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	United Kingdom	**0.29**	(0.12)	**0.33**	(0.14)	**0.27**	(0.11)	**0.31**	(0.13)	**0.55**	(0.21)	**0.16**	(0.07)	**0.28**	(0.12)
	United States	**0.16**	(0.06)	**0.11**	(0.05)	**0.12**	(0.05)	**0.13**	(0.06)	**0.26**	(0.12)	**-0.26**	(0.10)	**-0.14**	(0.06)
	OECD average	**0.13**	(0.02)	**0.16**	(0.02)	**0.15**	(0.02)	**0.18**	(0.02)	**0.21**	(0.02)	**-0.06**	(0.02)	**0.05**	(0.02)
Partners	Argentina	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Azerbaijan	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Brazil	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Bulgaria	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Chile	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Colombia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Croatia	-0.06	(0.05)	0.02	(0.04)	0.03	(0.04)	-0.03	(0.03)	-0.02	(0.04)	**-0.13**	(0.06)	0.01	(0.04)
	Estonia	**0.15**	(0.07)	0.01	(0.04)	**0.17**	(0.08)	**0.39**	(0.14)	**0.12**	(0.06)	0.02	(0.04)	0.07	(0.04)
	Hong Kong-China	0.05	(0.04)	0.05	(0.03)	**0.14**	(0.06)	**0.08**	(0.04)	-0.02	(0.04)	-0.06	(0.04)	**0.10**	(0.05)
	Indonesia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Israel	0.01	(0.03)	-0.00	(0.03)	-0.06	(0.04)	0.02	(0.03)	-0.08	(0.04)	-0.06	(0.04)	**-0.13**	(0.05)
	Jordan	-0.00	(0.04)	-0.05	(0.04)	0.03	(0.04)	-0.04	(0.04)	**-0.12**	(0.06)	-0.02	(0.04)	-0.00	(0.04)
	Kyrgyzstan	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Latvia	**0.19**	(0.10)	0.17	(0.10)	**0.23**	(0.11)	**0.29**	(0.12)	**0.32**	(0.13)	**0.21**	(0.10)	0.13	(0.08)
	Liechtenstein	0.24	(0.13)	0.16	(0.12)	0.23	(0.13)	0.27	(0.14)	**0.34**	(0.15)	0.03	(0.10)	0.19	(0.12)
	Lithuania	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Macao-China	**0.11**	(0.05)	**0.11**	(0.04)	**0.13**	(0.06)	-0.03	(0.03)	-0.05	(0.04)	0.02	(0.03)	0.07	(0.05)
	Montenegro	-0.04	(0.06)	-0.01	(0.05)	-0.00	(0.05)	-0.05	(0.06)	-0.02	(0.05)	**0.24**	(0.11)	0.06	(0.06)
	Qatar	**0.25**	(0.08)	**0.35**	(0.13)	**0.28**	(0.10)	**0.26**	(0.10)	**0.07**	(0.03)	**0.18**	(0.07)	**0.19**	(0.07)
	Romania	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Russian Federation	0.02	(0.04)	-0.01	(0.04)	-0.01	(0.03)	-0.06	(0.04)	0.04	(0.04)	-0.07	(0.05)	-0.07	(0.05)
	Serbia	**-0.19**	(0.08)	**-0.17**	(0.08)	**-0.19**	(0.08)	**-0.17**	(0.07)	**-0.19**	(0.07)	**-0.12**	(0.06)	**-0.13**	(0.06)
	Slovenia	-0.06	(0.04)	**-0.13**	(0.06)	-0.11	(0.06)	**-0.14**	(0.07)	**-0.24**	(0.10)	**-0.20**	(0.08)	-0.02	(0.04)
	Chinese Taipei	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Thailand	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Tunisia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Uruguay	c	c	c	c	c	c	c	c	c	c	c	c	c	c

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 1/2]

Table 4.1a Between-school and within-school variance in student performance on the science scale in PISA 2006

Tableau 4.1a Variance inter- et intra-établissements des scores sur l'échelle de culture scientifique du cycle PISA 2006

		Variance expressed as a percentage of the average variance in student performance (SP) across OECD countries[1]				
		Total variance in SP[2]	Total variance in SP expressed as a percentage of the average variance in student performance across OECD countries[3]	Total variance in SP between schools[4]	Total variance in SP within schools	Variance explained by the PISA index of economic, social and cultural status of students: Between-school variance explained	Variance explained by the PISA index of economic, social and cultural status of students: Within-school variance explained
OECD	Australia	9 926	110.6	19.8	91.1	7.8	4.3
	Austria	9 551	106.5	60.7	50.7	7.9	0.6
	Belgium	9 791	109.1	57.0	53.0	11.7	2.0
	Canada	8 743	97.5	17.9	79.3	4.3	3.2
	Czech Republic	9 687	108.0	62.4	55.9	12.7	1.7
	Denmark	8 580	95.6	14.8	82.0	6.0	8.1
	Finland	7 301	81.4	4.7	76.7	1.2	5.5
	France	w	w	w	w	w	w
	Germany	9 908	110.4	66.2	50.8	11.6	1.4
	Greece	8 420	93.9	48.5	55.1	11.3	1.7
	Hungary	7 720	86.1	60.5	38.5	9.4	0.2
	Iceland	9 263	103.2	9.3	95.4	0.1	6.4
	Ireland	8 871	98.9	16.9	82.6	7.4	4.9
	Italy	9 045	100.8	52.6	51.8	4.8	0.4
	Japan	9 812	109.4	53.0	59.4	2.9	0.1
	Korea	8 093	90.2	31.8	59.3	3.8	0.4
	Luxembourg	9 356	104.3	30.5	72.7	12.4	6.0
	Mexico	6 490	72.3	25.5	38.2	4.2	0.3
	Netherlands	9 081	101.2	59.6	40.0	6.8	0.7
	New Zealand	11 230	125.2	20.0	106.0	10.6	10.1
	Norway	8 894	99.1	9.9	88.8	2.8	5.2
	Poland	8 047	89.7	12.2	78.9	5.5	8.6
	Portugal	7 824	87.2	27.8	58.5	8.8	3.6
	Slovak Republic	8 648	96.4	40.9	55.6	11.7	2.6
	Spain	8 150	90.8	12.7	74.2	5.0	5.3
	Sweden	8 635	96.3	11.5	85.8	4.4	6.2
	Switzerland	9 830	109.6	37.5	66.7	8.0	4.8
	Turkey	6 928	77.2	40.8	35.8	5.9	0.7
	United Kingdom	11 156	124.4	23.5	97.8	8.6	6.1
	United States	11 186	124.7	29.1	94.0	12.7	7.7
	OECD average	**8 971**	**100.0**	**33.0**	**68.1**	**7.2**	**3.8**
Partners	Argentina	10 197	113.7	53.2	58.4	12.2	1.6
	Azerbaijan	3 106	34.6	17.9	18.1	1.4	0.4
	Brazil	7 970	88.8	41.4	46.6	8.2	0.6
	Bulgaria	11 352	126.5	69.6	59.4	16.4	1.0
	Chile	8 446	94.1	53.0	52.2	14.2	0.8
	Colombia	7 200	80.3	25.2	57.0	7.5	1.3
	Croatia	7 356	82.0	33.8	50.0	6.0	1.3
	Estonia	6 986	77.9	16.0	61.5	3.8	2.9
	Hong Kong-China	8 381	93.4	34.1	58.3	3.6	0.6
	Indonesia	4 909	54.7	19.4	25.4	0.7	0.0
	Israel	12 299	137.1	44.4	96.1	9.9	4.1
	Jordan	7 989	89.1	19.7	67.5	5.1	3.3
	Kyrgyzstan	6 991	77.9	30.7	48.3	3.0	0.2
	Latvia	7 056	78.7	14.5	64.2	4.3	3.1
	Liechtenstein	9 330	104.0	c	c	c	c
	Lithuania	8 082	90.1	25.5	65.4	9.0	3.8
	Macao-China	6 095	67.9	19.2	55.0	1.0	0.3
	Montenegro	6 390	71.2	20.2	50.8	3.5	0.8
	Qatar	7 012	78.2	47.3	41.9	c	c
	Romania	6 585	73.4	35.5	37.7	6.8	1.0
	Russian Federation	8 023	89.4	24.1	66.9	4.6	2.2
	Serbia	7 224	80.5	34.3	48.7	6.6	1.0
	Slovenia	9 628	107.3	64.8	42.8	6.2	0.3
	Chinese Taipei	8 889	99.1	45.8	51.7	6.0	1.0
	Thailand	5 958	66.4	25.6	43.6	7.7	0.4
	Tunisia	6 768	75.4	32.3	43.9	3.0	0.2
	Uruguay	8 887	99.1	39.6	57.7	11.8	1.9

1. The variance components were estimated for all students in participating countries with data on socio-economic background and study programmes.
2. The total variance in student performance is calculated from the square of the standard deviation for the students used in the analysis. The statistical variance in student performance and not the standard deviation is used for this comparison to allow for the decomposition.
3. The sum of the between- and within-school variance components, as an estimate from a sample, does not necessarily add up to the total.
4. In some countries, sub-units within schools were sampled instead of schools and this may affect the estimation of the between-school variance components (see Annex A2).
5. This index is often referred to as the intra-class correlation (rho).

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[Part 2/2]

Table 4.1a Between-school and within-school variance in student performance on the science scale in PISA 2006

Tableau 4.1a Variance inter- et intra-établissements des scores sur l'échelle de culture scientifique du cycle PISA 2006

		Variance expressed as a percentage of the average variance in student performance (SP) across OECD countries[1]						
		Variance explained by the PISA index of economic, social and cultural status of students and schools		Variance explained by students' study programmes		Variance explained by students' study programmes and the PISA index of economic, social and cultural status of students and schools		Total variance between schools expressed as a percentage of the total variance within the country[5]
		Between-school variance explained	Within-school variance explained	Between-school variance explained	Within-school variance explained	Between-school variance explained	Within-school variance explained	
OECD	Australia	12.5	4.4	1.9	3.9	13.0	7.9	17.9
	Austria	40.1	0.6	45.2	0.3	49.5	0.8	57.0
	Belgium	40.7	2.0	45.4	12.7	50.6	13.3	52.3
	Canada	7.1	3.2	2.0	3.2	7.2	5.9	18.4
	Czech Republic	43.5	1.8	50.2	0.4	52.2	2.0	57.8
	Denmark	8.2	8.3	1.6	0.1	8.6	8.4	15.4
	Finland	1.3	5.5	0.0	0.0	1.3	5.5	5.8
	France	w	w	w	w	w	w	w
	Germany	49.4	1.4	56.0	2.0	58.1	3.3	59.9
	Greece	29.1	1.8	37.3	0.0	41.7	1.7	51.7
	Hungary	47.5	0.2	46.2	0.0	51.6	0.3	70.4
	Iceland	0.2	6.3	1.8	0.3	2.0	6.6	9.0
	Ireland	11.4	5.0	1.1	3.6	11.4	8.3	17.0
	Italy	27.6	0.5	26.4	0.1	31.9	0.5	52.1
	Japan	29.0	0.1	9.7	0.0	30.2	0.1	48.5
	Korea	16.9	0.4	15.2	0.4	20.9	0.8	35.3
	Luxembourg	27.3	6.0	26.4	22.0	28.1	23.9	29.2
	Mexico	13.3	0.4	9.1	0.0	16.8	0.4	35.3
	Netherlands	41.1	0.8	55.7	8.8	56.3	9.1	58.9
	New Zealand	14.9	10.2	0.2	1.9	14.9	11.7	15.9
	Norway	3.7	5.2	0.8	0.1	4.0	5.2	9.9
	Poland	5.8	8.7	1.0	0.5	6.0	8.9	13.6
	Portugal	14.7	3.6	20.7	11.9	23.6	13.6	31.9
	Slovak Republic	23.3	2.5	23.2	1.3	29.4	3.6	42.4
	Spain	6.2	5.4	0.0	0.1	6.2	5.5	13.9
	Sweden	6.1	6.1	4.2	0.0	6.7	5.9	12.0
	Switzerland	17.0	4.8	5.9	1.0	18.0	5.6	34.2
	Turkey	24.3	0.7	23.9	0.2	29.6	0.9	52.8
	United Kingdom	14.8	6.4	0.6	1.2	14.9	7.4	18.9
	United States	18.9	7.7	5.8	4.3	20.8	10.7	23.3
	OECD average	**20.5**	**3.8**	**17.8**	**2.8**	**24.3**	**6.1**	
Partners	Argentina	31.4	1.6	26.2	5.2	40.4	6.6	46.8
	Azerbaijan	2.5	0.4	0.8	0.2	3.1	0.5	51.8
	Brazil	24.1	0.7	14.5	3.8	28.7	4.5	46.6
	Bulgaria	47.5	0.9	23.6	0.2	48.2	1.2	55.0
	Chile	38.8	0.7	14.6	0.7	42.6	1.5	56.3
	Colombia	14.1	1.4	6.5	6.6	15.0	7.3	31.3
	Croatia	20.4	1.3	25.7	8.2	26.4	8.5	41.3
	Estonia	6.5	2.9	0.1	0.5	6.4	3.3	20.5
	Hong Kong-China	13.6	0.6	8.3	4.9	16.4	5.0	36.5
	Indonesia	8.0	0.0	4.7	0.0	9.0	0.0	35.5
	Israel	20.0	4.1	5.4	0.8	21.7	4.8	32.4
	Jordan	7.8	3.3	0.0	0.0	7.8	3.3	22.1
	Kyrgyzstan	17.4	0.2	0.0	1.0	17.0	1.1	39.4
	Latvia	6.7	3.1	0.6	1.6	6.8	4.5	18.4
	Liechtenstein	c	c	c	c	c	c	c
	Lithuania	15.0	3.9	12.2	0.5	17.5	4.3	28.3
	Macao-China	2.2	0.3	7.7	8.5	7.8	8.7	28.3
	Montenegro	12.0	0.9	15.4	5.0	16.4	5.2	28.3
	Qatar	c	c	17.6	0.6	c	c	60.5
	Romania	19.8	1.0	19.5	0.0	25.2	1.0	48.3
	Russian Federation	8.2	2.2	5.0	4.1	9.4	5.5	27.0
	Serbia	22.9	1.0	22.2	3.2	25.5	3.7	42.6
	Slovenia	46.2	0.3	52.0	0.1	54.3	0.4	60.4
	Chinese Taipei	26.4	1.0	23.2	1.3	30.7	2.2	46.2
	Thailand	18.0	0.6	7.4	1.3	19.4	1.9	38.5
	Tunisia	12.6	0.2	25.0	2.1	26.5	2.2	42.8
	Uruguay	23.9	2.0	26.3	2.6	32.8	4.2	39.9

1. The variance components were estimated for all students in participating countries with data on socio-economic background and study programmes.
2. The total variance in student performance is calculated from the square of the standard deviation for the students used in the analysis. The statistical variance in student performance and not the standard deviation is used for this comparison to allow for the decomposition.
3. The sum of the between- and within-school variance components, as an estimate from a sample, does not necessarily add up to the total.
4. In some countries, sub-units within schools were sampled instead of schools and this may affect the estimation of the between-school variance components (see Annex A2).
5. This index is often referred to as the intra-class correlation (rho).

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[Part 1/1]

Table 4.1b Between-school and within-school variance in student performance on the science scale in PISA 2003

Tableau 4.1b Variance inter- et intra-établissements des scores sur l'échelle de culture scientifique du cycle PISA 2003

		Variance expressed as a percentage of the average variance in student performance (SP) across OECD countries[1]												
		Total variance in SP[2]	Total variance in SP expressed as a percentage of the average variance in student performance across OECD countries[3]	Total variance in SP between schools[4]	Total variance in SP within schools	Variance explained by the PISA index of economic, social and cultural status of students		Variance explained by the PISA index of economic, social and cultural status of students and schools		Variance explained by students' study programmes		Variance explained by students' study programmes and the PISA index of economic, social and cultural status of students and schools		Total variance between schools expressed as a percentage of the total variance within the country[5]
						Between-school variance explained	Within-school variance explained	Between-school variance explained	Within-school variance explained	Between-school variance explained	Within-school variance explained	Between-school variance explained	Within-school variance explained	
OECD	Australia	10 283	103.4	20.5	82.4	9.2	4.9	14.6	5.0	1.3	2.4	15.5	7.1	19.9
	Austria	9 146	91.9	51.6	44.8	8.2	0.7	35.8	0.5	41.0	0.0	44.4	0.8	56.1
	Belgium	10 308	103.6	43.6	61.2	15.5	4.1	34.2	4.2	31.6	11.8	36.7	13.3	42.1
	Canada	9 845	99.0	15.3	82.3	5.0	5.6	7.0	5.6	3.0	5.2	7.3	9.9	15.5
	Czech Republic	9 746	98.0	39.9	62.5	11.9	2.2	29.7	2.3	17.3	0.0	33.0	2.2	40.8
	Denmark	10 263	103.2	12.8	91.3	7.4	9.9	8.8	9.9	1.2	0.2	9.0	10.1	12.4
	Finland	8 209	82.5	3.5	79.0	0.7	7.5	0.7	7.5	0.0	0.0	0.7	7.5	4.3
	France	w	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	11 004	110.6	56.3	55.3	17.5	3.6	44.7	3.7	1.8	0.1	44.7	3.8	50.9
	Greece	10 069	101.2	27.2	75.3	8.5	2.1	19.0	2.1	20.0	0.1	23.7	2.2	26.9
	Hungary	8 795	88.4	36.4	52.8	8.5	0.5	31.0	0.5	26.6	0.0	32.2	0.6	41.2
	Iceland	9 077	91.2	3.6	87.6	0.8	5.2	0.8	5.3	0.0	0.0	0.8	5.3	3.9
	Ireland	8 592	86.4	13.4	73.8	8.5	7.2	11.4	7.4	1.5	4.0	11.5	10.8	15.5
	Italy	11 611	116.7	57.1	61.8	7.7	0.8	33.5	0.9	22.6	0.0	36.0	0.9	48.9
	Japan	11 892	119.5	55.4	65.0	4.4	0.2	36.4	0.2	4.4	0.0	37.1	0.2	46.3
	Korea	10 089	101.4	38.9	63.2	5.8	0.7	23.1	0.7	20.3	0.6	27.2	1.2	38.3
	Luxembourg	10 538	105.9	30.5	75.5	10.5	4.0	27.5	4.0	9.0	7.4	27.2	10.0	28.8
	Mexico	7 524	75.6	19.5	48.9	4.5	0.6	11.6	0.8	7.0	0.0	13.9	0.8	25.7
	Netherlands	9 366	94.1	52.5	43.6	8.2	1.1	40.3	1.1	48.7	3.6	50.0	4.6	55.8
	New Zealand	10 658	107.1	18.8	89.1	9.4	8.6	14.3	8.7	0.6	2.9	14.3	11.1	17.6
	Norway	10 717	107.7	8.2	99.5	3.0	10.9	3.3	10.9	0.1	0.1	3.3	10.9	7.6
	Poland	10 472	105.3	14.9	90.9	8.9	9.8	10.5	10.0	1.0	0.1	10.7	10.0	14.1
	Portugal	8 687	87.3	27.3	61.6	8.1	3.9	14.9	3.9	23.4	7.6	25.2	9.9	31.2
	Slovak Republic	9 496	95.5	34.8	60.4	11.4	2.8	27.3	2.8	22.9	0.1	28.7	3.0	36.4
	Spain	9 982	100.3	16.7	80.7	6.3	4.9	8.9	4.9	0.0	1.1	7.4	5.5	16.6
	Sweden	11 291	113.5	10.0	103.8	4.5	11.7	5.3	11.7	1.3	0.6	6.2	12.1	8.9
	Switzerland	11 439	115.0	33.1	77.1	10.8	7.2	19.4	7.3	5.5	0.9	19.7	8.0	28.7
	Turkey	9 174	92.2	47.5	42.4	7.8	0.6	33.6	0.6	9.0	0.1	34.1	0.6	51.6
	United Kingdom	m	m	m	m	m	m	m	m	m	m	m	m	m
	United States	10 271	103.2	22.8	80.3	11.1	7.2	16.1	7.4	2.0	1.7	16.2	8.5	22.1
	OECD average	**9 948**	**100.0**	**29.0**	**71.1**	**8.0**	**4.6**	**20.1**	**4.6**	**11.5**	**1.8**	**22.0**	**6.1**	
Partners	Brazil	9 702	97.5	32.4	60.5	4.2	0.0	19.1	0.1	12.6	2.3	24.6	2.4	33.3
	Hong Kong-China	8 764	88.1	39.1	47.0	2.5	0.2	16.1	0.2	12.0	2.9	21.5	3.0	44.4
	Indonesia	4 633	46.6	16.1	27.5	1.3	0.1	7.4	0.1	3.8	0.0	7.9	0.1	34.6
	Latvia	8 554	86.0	17.5	69.7	4.6	4.0	7.3	4.0	0.5	0.9	7.3	4.7	20.3
	Liechtenstein	10 694	107.5	c	c	c	c	c	c	c	c	c	c	c
	Macao-China	7 724	77.6	13.6	67.0	0.6	0.1	2.6	0.1	4.7	5.1	6.2	5.1	17.6
	Russian Federation	9 945	100.0	20.9	78.9	5.3	2.9	10.0	2.8	3.6	2.1	10.6	4.4	20.9
	Thailand	6 622	66.6	22.0	46.6	6.3	0.6	13.7	0.7	4.7	1.2	14.9	1.9	33.0
	Tunisia	7 622	76.6	25.7	50.9	2.4	0.1	12.0	0.1	20.3	1.4	21.1	1.6	33.5
	Uruguay	11 872	119.3	41.0	83.9	12.6	1.7	28.5	2.0	29.9	1.6	36.0	3.6	34.3

1. The variance components were estimated for all students in participating countries with data on socio-economic background and study programmes. Students in special education programmes were excluded from these analyses.
2. The total variance in student performance is calculated from the square of the standard deviation for the students used in the analysis. The statistical variance in student performance and not the standard deviation is used for this comparison to allow for the decomposition.
3. The sum of the between- and within-school variance components, as an estimate from a sample, does not necessarily add up to the total.
4. In some countries, sub-units within schools were sampled instead of schools and this may affect the estimation of the between-school variance components (see Annex A2).
5. This index is often referred to as the intra-class correlation (rho).

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[Part 1/1]

Table 4.1c Between-school and within-school variance in student performance on the science scale in PISA 2000

Tableau 4.1c Variance inter- et intra-établissements des scores sur l'échelle de culture scientifique du cycle PISA 2000

		Variance expressed as a percentage of the average variance in student performance (SP) across OECD countries[1]								
		Total variance in SP[2]	Total variance in SP expressed as a percentage of the average variance in student performance across OECD countries[3]	Total variance in SP between schools[4]	Total variance in SP within schools	Variance explained by the PISA index of economic, social and cultural status of students		Variance explained by the PISA index of economic, social and cultural status of students and schools		Total variance between schools expressed as a percentage of the total variance within the country[5]
						Between-school variance explained	Within-school variance explained	Between-school variance explained	Within-school variance explained	
OECD	Australia	8 866	101.1	17.0	83.7	8.7	5.3	11.5	5.8	16.8
	Austria	8 548	97.5	56.4	49.1	8.6	0.4	36.9	0.5	57.8
	Belgium	10 897	124.3	65.0	64.2	15.3	2.7	43.5	2.8	52.3
	Canada	7 830	89.3	14.4	73.9	4.3	5.2	5.6	5.4	16.1
	Czech Republic	7 968	90.9	32.8	59.2	11.4	3.1	22.7	3.2	36.0
	Denmark	10 391	118.5	17.2	102.1	7.8	12.3	10.1	12.5	14.5
	Finland	7 351	83.9	4.1	79.7	0.7	5.2	0.7	5.2	4.9
	France	w	w	w	w	w	w	w	w	w
	Germany	9 791	111.7	54.2	59.4	16.3	2.9	43.9	3.1	48.5
	Greece	9 382	107.0	43.1	64.7	6.4	0.8	21.3	0.8	40.3
	Hungary	9 871	112.6	52.5	58.1	11.2	0.3	43.4	0.4	46.6
	Iceland	7 660	87.4	6.3	81.2	1.5	3.1	1.7	3.1	7.2
	Ireland	8 365	95.4	13.6	82.3	6.8	5.6	10.0	5.9	14.3
	Italy	9 569	109.2	48.6	64.9	5.9	0.5	23.2	0.5	44.5
	Japan	m	m	m	m	m	m	m	m	m
	Korea	6 508	74.2	29.4	45.9	2.9	0.1	15.7	0.1	39.6
	Luxembourg	m	m	m	m	m	m	m	m	m
	Mexico	5 947	67.8	27.5	39.9	6.4	0.1	18.4	0.2	40.5
	Netherlands	m	m	m	m	m	m	m	m	m
	New Zealand	9 868	112.6	19.2	93.2	9.8	8.1	13.9	8.4	17.1
	Norway	8 969	102.3	9.1	93.3	3.1	10.4	3.3	10.4	8.9
	Poland	9 059	103.3	50.7	51.7	4.6	0.0	31.1	0.1	49.1
	Portugal	7 837	89.4	27.2	60.6	8.6	2.8	17.4	2.8	30.4
	Spain	9 042	103.1	17.5	86.2	9.9	5.8	11.8	6.0	17.0
	Sweden	8 650	98.7	7.7	91.1	3.4	5.9	4.5	5.9	7.8
	Switzerland	10 018	114.3	45.8	64.2	13.2	6.2	25.2	6.1	40.1
	United Kingdom	m	m	m	m	m	m	m	m	m
	United States	9 226	105.3	34.5	72.2	15.9	5.4	27.2	5.7	32.8
	OECD average	**8 766**	**100.0**	**30.2**	**70.5**	**7.9**	**4.0**	**19.3**	**4.1**	
Partners	Argentina	11 458	130.7	57.1	74.7	11.4	0.2	37.0	0.5	43.7
	Brazil	8 153	93.0	27.8	66.7	10.5	0.6	17.3	1.7	29.9
	Bulgaria	8 859	101.1	42.5	63.7	14.4	1.0	34.6	1.3	42.1
	Chile	8 869	101.2	41.2	64.6	14.1	1.0	28.4	1.1	40.7
	Hong Kong-China	7 135	81.4	35.9	44.8	4.2	0.6	16.2	0.7	44.1
	Indonesia	5 520	63.0	19.4	39.2	1.1	0.0	6.7	0.1	30.8
	Israel	14 913	170.1	58.2	109.1	16.2	3.6	34.9	4.1	34.2
	Latvia	9 461	107.9	31.7	76.5	6.6	1.6	17.3	1.7	29.4
	Liechtenstein	8 806	100.5	c	c	c	c	c	c	c
	Romania	8 879	101.3	36.4	66.8	0.9	0.0	15.3	0.0	35.9
	Russian Federation	9 782	111.6	34.4	76.6	5.3	1.6	13.1	1.5	30.8
	Thailand	5 870	67.0	20.2	47.4	3.0	0.0	9.9	0.1	30.2

1. The variance components were estimated for all students in participating countries with data on socio-economic background and study programmes. Students in special education programmes were excluded from these analyses.
2. The total variance in student performance is calculated from the square of the standard deviation for the students used in the analysis. The statistical variance in student performance and not the standard deviation is used for this comparison to allow for the decomposition.
3. The sum of the between- and within-school variance components, as an estimate from a sample, does not necessarily add up to the total.
4. In some countries, sub-units within schools were sampled instead of schools and this may affect the estimation of the between-school variance components (see Annex A2).
5. This index is often referred to as the intra-class correlation (rho).

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[Part 1/2]

Table 4.1d Between-school and within-school variance in student performance on the reading scale in PISA 2006

Variance inter- et intra-établissements des scores sur l'échelle de compréhension de l'écrit du cycle PISA 2006

		Variance expressed as a percentage of the average variance in student performance (SP) across OECD countries[1]				
		Total variance in SP[2]	Total variance in SP expressed as a percentage of the average variance in student performance across OECD countries[3]	Total variance in SP between schools[4]	Total variance in SP within schools	Variance explained by the PISA index of economic, social and cultural status of students: Between-school variance explained	Variance explained by the PISA index of economic, social and cultural status of students: Within-school variance explained
OECD	Australia	8 687	89.4	18.8	71.9	7.0	3.5
	Austria	11 667	120.1	70.3	54.8	5.3	0.2
	Belgium	11 853	122.0	66.9	57.2	9.9	1.3
	Canada	9 142	94.1	21.6	72.6	4.8	3.5
	Czech Republic	12 332	127.0	75.0	59.1	9.4	0.7
	Denmark	7 844	80.8	15.8	67.0	4.8	4.6
	Finland	6 575	67.7	6.5	61.3	1.5	3.7
	France	w	w	w	w	w	w
	Germany	12 245	126.1	100.5	48.0	8.5	0.6
	Greece	10 449	107.6	56.2	59.5	7.1	0.5
	Hungary	8 846	91.1	74.0	34.6	3.5	0.0
	Iceland	9 143	94.1	11.6	85.0	0.9	3.8
	Ireland	8 426	86.7	20.1	67.3	6.5	3.7
	Italy	11 683	120.3	63.5	58.7	2.1	0.0
	Japan	10 132	104.3	54.0	55.0	2.4	0.1
	Korea	7 790	80.2	33.0	48.7	2.1	0.1
	Luxembourg	10 015	103.1	28.9	71.8	11.2	5.6
	Mexico	9 147	94.2	33.9	48.8	3.9	0.2
	Netherlands	9 248	95.2	57.3	35.0	4.1	0.3
	New Zealand	10 749	110.7	20.3	91.7	8.0	8.8
	Norway	10 687	110.0	13.4	96.5	3.1	5.3
	Poland	9 985	102.8	16.2	87.9	6.5	8.2
	Portugal	9 731	100.2	35.4	64.1	11.0	4.2
	Slovak Republic	11 009	113.3	57.0	58.3	9.2	1.3
	Spain	7 827	80.6	13.0	63.7	3.7	3.0
	Sweden	9 362	96.4	17.0	81.0	4.6	4.2
	Switzerland	8 776	90.3	31.7	53.9	6.0	2.8
	Turkey	8 559	88.1	41.8	44.5	4.7	0.4
	United Kingdom	10 071	103.7	21.9	78.5	6.4	3.8
	United States	m	m	m	m	m	m
	OECD average	**9 714**	**100.0**	**38.4**	**63.4**	**5.6**	**2.6**
Partners	Argentina	15 354	158.1	71.0	84.9	10.3	0.8
	Azerbaijan	4 943	50.9	24.3	29.1	2.3	0.2
	Brazil	10 486	107.9	47.0	55.3	6.5	0.2
	Bulgaria	13 721	141.3	81.4	64.2	15.1	0.7
	Chile	10 678	109.9	62.1	63.2	12.2	0.4
	Colombia	11 631	119.7	35.8	83.0	9.3	1.8
	Croatia	7 887	81.2	39.1	43.7	4.1	0.5
	Estonia	7 142	73.5	22.7	50.1	3.2	1.6
	Hong Kong-China	6 677	68.7	26.8	41.5	2.2	0.3
	Indonesia	5 596	57.6	25.0	24.5	0.5	0.0
	Israel	14 072	144.9	58.5	91.9	8.3	3.0
	Jordan	8 720	89.8	26.5	61.0	5.3	3.4
	Kyrgyzstan	10 395	107.0	44.5	63.5	5.6	0.8
	Latvia	8 171	84.1	22.3	62.7	4.5	2.2
	Liechtenstein	8 740	90.0	c	c	c	c
	Lithuania	9 087	93.5	27.3	67.5	8.8	3.5
	Macao-China	5 843	60.2	17.4	48.0	0.7	0.3
	Montenegro	8 052	82.9	27.9	57.9	3.1	0.4
	Qatar	11 731	120.8	71.9	61.7	c	c
	Romania	8 423	86.7	47.9	41.6	2.5	0.0
	Russian Federation	8 692	89.5	32.1	60.7	5.2	1.6
	Serbia	8 405	86.5	40.5	48.8	7.2	1.0
	Slovenia	7 735	79.6	68.4	25.5	3.4	0.1
	Chinese Taipei	7 076	72.8	32.7	38.7	4.9	1.0
	Thailand	6 701	69.0	29.6	41.1	5.5	0.2
	Tunisia	9 448	97.3	47.7	53.4	2.1	0.0
	Uruguay	14 703	151.4	62.4	87.8	12.4	1.2

1. The variance components were estimated for all students in participating countries with data on socio-economic background and study programmes.
2. The total variance in student performance is calculated from the square of the standard deviation for the students used in the analysis. The statistical variance in student performance and not the standard deviation is used for this comparison to allow for the decomposition.
3. The sum of the between- and within-school variance components, as an estimate from a sample, does not necessarily add up to the total.
4. In some countries, sub-units within schools were sampled instead of schools and this may affect the estimation of the between-school variance components (see Annex A2).
5. This index is often referred to as the intra-class correlation (rho).

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[Part 2/2]

Table 4.1d Between-school and within-school variance in student performance on the reading scale in PISA 2006

Variance inter- et intra-établissements des scores sur l'échelle de compréhension de l'écrit du cycle PISA 2006

		Variance expressed as a percentage of the average variance in student performance (SP) across OECD countries[1]						
		Variance explained by the PISA index of economic, social and cultural status of students and schools		Variance explained by students' study programmes		Variance explained by students' study programmes and the PISA index of economic, social and cultural status of students and schools		Total variance between schools expressed as a percentage of the total variance within the country[5]
		Between-school variance explained	Within-school variance explained	Between-school variance explained	Within-school variance explained	Between-school variance explained	Within-school variance explained	
OECD	Australia	11.8	3.5	1.2	3.7	11.9	6.8	21.1
	Austria	41.7	0.2	54.1	1.2	56.2	1.3	58.5
	Belgium	43.3	1.3	53.5	13.0	58.0	13.2	54.8
	Canada	8.1	3.5	2.0	3.7	8.0	6.7	23.0
	Czech Republic	47.3	0.9	59.8	0.3	61.2	1.0	59.1
	Denmark	7.5	4.7	3.1	0.1	8.9	4.9	19.5
	Finland	2.0	3.7	0.0	0.0	2.0	3.7	9.7
	France	w	w	w	w	w	w	w
	Germany	63.9	0.5	86.2	1.7	88.7	2.1	79.7
	Greece	29.4	0.5	39.9	0.0	44.5	0.5	52.3
	Hungary	53.6	0.0	53.7	0.0	60.1	0.0	81.2
	Iceland	0.9	3.8	2.0	0.3	2.7	4.0	12.3
	Ireland	11.5	3.7	0.8	3.5	11.4	7.0	23.2
	Italy	32.0	0.1	35.0	0.1	38.7	0.1	52.8
	Japan	30.1	0.1	10.4	0.0	30.9	0.1	51.8
	Korea	14.6	0.1	13.1	0.5	18.2	0.6	41.1
	Luxembourg	24.0	5.6	27.2	25.9	27.7	27.3	28.1
	Mexico	15.9	0.2	12.3	0.0	21.1	0.3	36.0
	Netherlands	34.8	0.3	50.8	7.8	51.1	7.9	60.2
	New Zealand	10.9	8.8	0.0	2.2	10.7	10.5	18.4
	Norway	4.1	5.3	0.8	0.0	4.4	5.2	12.2
	Poland	7.4	8.3	1.2	0.6	7.6	8.5	15.8
	Portugal	19.1	4.2	24.1	13.3	28.9	15.2	35.4
	Slovak Republic	24.3	1.3	31.9	3.0	35.6	4.1	50.3
	Spain	5.2	3.0	0.0	0.0	5.2	3.1	16.1
	Sweden	7.9	4.0	4.4	0.0	5.6	6.6	17.7
	Switzerland	15.2	2.7	4.3	0.6	15.7	3.2	35.1
	Turkey	22.8	0.4	22.4	0.0	27.1	0.5	47.5
	United Kingdom	12.3	4.0	0.8	1.7	12.4	5.6	21.2
	United States	m	m	m	m	m	m	m
	OECD average	**21.5**	**2.7**	**21.2**	**3.0**	**26.9**	**5.4**	
Partners	Argentina	35.0	0.8	32.7	6.1	47.9	6.8	44.9
	Azerbaijan	8.6	0.2	0.5	0.4	8.8	0.6	47.8
	Brazil	23.6	0.3	17.1	5.0	29.9	5.3	43.5
	Bulgaria	52.8	0.6	27.1	0.6	53.6	1.1	57.7
	Chile	40.8	0.4	18.4	0.8	47.0	1.2	56.5
	Colombia	16.8	1.9	9.4	11.4	18.2	12.2	29.9
	Croatia	21.9	0.5	28.0	8.3	29.1	8.3	48.1
	Estonia	7.2	1.6	0.0	0.9	6.9	2.4	30.8
	Hong Kong-China	9.6	0.3	6.2	3.0	11.9	3.1	38.9
	Indonesia	10.1	0.0	6.5	0.0	11.8	0.0	43.3
	Israel	18.7	3.0	8.3	0.5	24.2	3.4	40.4
	Jordan	8.2	3.4	0.0	0.0	8.2	3.4	29.5
	Kyrgyzstan	20.6	0.9	0.0	1.5	20.1	2.2	41.6
	Latvia	8.9	2.1	2.6	2.0	11.6	4.0	26.6
	Liechtenstein	c	c	c	c	c	c	c
	Lithuania	15.3	3.5	11.4	0.5	17.1	4.0	29.2
	Macao-China	1.1	0.3	5.2	6.6	5.2	6.8	29.0
	Montenegro	17.0	0.4	21.2	6.5	22.3	6.5	33.6
	Qatar	c	c	26.6	0.7	c	c	59.5
	Romania	23.5	0.1	26.8	0.0	32.7	0.1	55.2
	Russian Federation	12.2	1.6	5.5	4.5	12.8	5.4	35.9
	Serbia	26.7	1.0	26.2	4.8	30.1	5.3	46.8
	Slovenia	39.7	0.0	54.0	0.0	54.7	0.1	85.9
	Chinese Taipei	18.9	1.0	15.3	0.5	21.8	1.5	44.9
	Thailand	18.0	0.3	8.9	1.9	20.4	2.2	42.9
	Tunisia	16.3	0.0	32.0	3.0	34.2	3.0	49.0
	Uruguay	31.4	1.3	35.2	4.1	44.1	5.0	41.2

1. The variance components were estimated for all students in participating countries with data on socio-economic background and study programmes.
2. The total variance in student performance is calculated from the square of the standard deviation for the students used in the analysis. The statistical variance in student performance and not the standard deviation is used for this comparison to allow for the decomposition.
3. The sum of the between- and within-school variance components, as an estimate from a sample, does not necessarily add up to the total.
4. In some countries, sub-units within schools were sampled instead of schools and this may affect the estimation of the between-school variance components (see Annex A2).
5. This index is often referred to as the intra-class correlation (rho).

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[Part 1/1]

Table 4.1e Between-school and within-school variance in student performance on the reading scale in PISA 2003

Variance inter- et intra-établissements des scores sur l'échelle de compréhension de l'écrit du cycle PISA 2003

		Variance expressed as a percentage of the average variance in student performance (SP) across OECD countries[1]												
		Total variance in SP[2]	Total variance in SP expressed as a percentage of the average variance in student performance across OECD countries[3]	Total variance in SP between schools[4]	Total variance in SP within schools	Variance explained by the PISA index of economic, social and cultural status of students		Variance explained by the PISA index of economic, social and cultural status of students and schools		Variance explained by students' study programmes		Variance explained by students' study programmes and the PISA index of economic, social and cultural status of students and schools		Total variance between schools expressed as a percentage of the total variance within the country[5]
						Between-school variance explained	Within-school variance explained	Between-school variance explained	Within-school variance explained	Between-school variance explained	Within-school variance explained	Between-school variance explained	Within-school variance explained	
OECD	Australia	9 345	103.8	21.7	80.9	8.9	4.3	15.1	4.4	1.4	2.2	16.1	6.3	20.9
	Austria	9 894	109.9	65.3	51.2	12.5	1.4	47.2	1.2	53.7	0.0	57.9	1.5	59.4
	Belgium	10 249	113.9	52.6	63.0	15.3	3.3	39.2	3.3	35.1	11.6	42.7	12.6	46.2
	Canada	7 771	86.3	13.7	72.0	4.0	4.2	5.7	4.2	2.8	4.3	6.3	7.8	15.8
	Czech Republic	7 913	87.9	38.0	53.7	9.5	1.4	27.9	1.5	18.3	0.0	31.8	1.5	43.2
	Denmark	7 729	85.9	15.7	72.2	7.5	7.3	9.8	7.4	2.5	0.1	10.6	7.5	18.3
	Finland	6 521	72.5	2.8	69.7	0.6	6.3	0.6	6.3	0.0	0.0	0.6	6.3	3.9
	France	w	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	10 218	113.5	59.6	54.9	14.4	2.1	46.1	2.1	1.0	0.1	46.2	2.2	52.5
	Greece	10 842	120.5	44.1	82.7	7.8	0.9	28.1	0.8	32.7	0.0	37.4	0.7	36.6
	Hungary	8 008	89.0	42.8	47.1	6.7	0.2	35.7	0.2	33.2	0.0	37.9	0.3	48.1
	Iceland	9 545	106.0	4.1	102.0	0.8	3.3	0.8	3.3	0.0	0.0	0.8	3.3	3.8
	Ireland	7 375	81.9	17.8	65.3	8.3	5.3	13.1	5.4	2.2	4.7	13.7	9.7	21.7
	Italy	10 097	112.2	55.4	58.1	6.8	0.6	32.8	0.6	24.4	0.0	34.5	0.7	49.4
	Japan	10 907	121.2	54.3	68.3	5.4	0.3	35.6	0.4	3.4	0.0	36.5	0.4	44.8
	Korea	6 768	75.2	27.6	48.9	4.6	0.6	16.7	0.6	14.4	0.3	19.6	0.9	36.7
	Luxembourg	9 816	109.1	29.5	79.2	10.6	4.5	25.2	4.5	7.9	8.3	24.6	11.3	27.1
	Mexico	9 041	100.4	31.4	55.1	4.7	0.4	18.5	0.5	12.6	0.0	23.0	0.5	31.2
	Netherlands	6 647	73.9	40.4	35.0	5.4	0.6	30.1	0.6	36.1	2.1	37.3	2.7	54.8
	New Zealand	10 744	119.4	20.4	100.0	10.0	10.0	14.7	10.0	0.8	3.7	14.7	13.1	17.1
	Norway	10 376	115.3	8.9	106.5	2.9	10.6	3.2	10.6	0.1	0.1	3.2	10.6	7.7
	Poland	9 185	102.0	14.9	87.4	7.9	8.3	9.7	8.4	0.8	0.1	9.9	8.4	14.6
	Portugal	8 551	95.0	36.7	60.9	7.8	2.3	19.9	2.3	31.0	8.6	33.9	9.7	38.6
	Slovak Republic	8 362	92.9	37.1	55.6	11.1	2.5	28.7	2.5	25.7	0.3	31.0	2.8	39.9
	Spain	9 071	100.8	18.9	78.7	5.9	3.6	9.2	3.7	0.0	1.5	6.6	4.7	18.8
	Sweden	8 985	99.8	9.0	91.2	4.1	10.3	4.8	10.3	1.7	0.5	6.0	10.6	9.0
	Switzerland	8 893	98.8	28.6	67.1	9.0	5.5	16.9	5.5	4.7	0.6	17.2	6.0	28.9
	Turkey	9 023	100.3	52.9	47.4	7.5	0.5	37.1	0.4	12.0	0.1	38.7	0.5	52.8
	United Kingdom	m	m	m	m	m	m	m	m	m	m	m	m	m
	United States	10 139	112.7	27.4	85.9	12.4	7.2	18.9	7.4	3.4	3.3	19.4	9.9	24.3
	OECD average	**9 001**	**100.0**	**31.1**	**69.3**	**7.6**	**3.8**	**21.1**	**3.9**	**12.9**	**1.9**	**23.5**	**5.4**	
Partners	Brazil	12 395	137.7	38.4	95.1	4.7	0.0	21.6	0.1	18.9	4.6	30.4	4.7	27.9
	Hong Kong-China	7 016	77.9	32.2	44.1	1.3	0.1	12.8	0.1	10.4	2.0	17.8	2.0	41.3
	Indonesia	5 822	64.7	22.1	38.9	1.1	0.0	10.0	0.1	6.0	0.0	11.2	0.1	34.1
	Latvia	8 116	90.2	17.9	73.4	3.9	3.5	6.0	3.5	0.5	1.0	6.0	4.3	19.9
	Liechtenstein	8 019	89.1	c	c	c	c	c	c	c	c	c	c	c
	Macao-China	4 484	49.8	12.3	40.7	0.4	0.0	1.9	0.0	3.9	3.5	5.1	3.5	24.6
	Russian Federation	8 690	96.6	22.6	73.9	6.3	3.3	12.2	3.2	4.3	2.9	12.9	5.5	23.5
	Thailand	6 103	67.8	23.4	46.6	4.1	0.1	13.4	0.2	5.0	1.4	14.8	1.6	34.5
	Tunisia	9 134	101.5	33.8	67.4	3.6	0.2	16.0	0.2	26.8	1.7	27.9	2.0	33.3
	Uruguay	14 744	163.8	61.7	111.7	17.0	2.0	43.3	2.2	45.8	3.3	54.7	5.5	37.7

1. The variance components were estimated for all students in participating countries with data on socio-economic background and study programmes. Students in special education programmes were excluded from these analyses.
2. The total variance in student performance is calculated from the square of the standard deviation for the students used in the analysis. The statistical variance in student performance and not the standard deviation is used for this comparison to allow for the decomposition.
3. The sum of the between- and within-school variance components, as an estimate from a sample, does not necessarily add up to the total.
4. In some countries, sub-units within schools were sampled instead of schools and this may affect the estimation of the between-school variance components (see Annex A2).
5. This index is often referred to as the intra-class correlation (rho).

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[Part 1/1]

Table 4.1f Between-school and within-school variance in student performance on the reading scale in PISA 2000

Variance inter- et intra-établissements des scores sur l'échelle de compréhension de l'écrit du cycle PISA 2000

		Variance expressed as a percentage of the average variance in student performance (SP) across OECD countries[1]							
					Variance explained by the PISA index of economic, social and cultural status of students		Variance explained by the PISA index of economic, social and cultural status of students and schools		
		Total variance in SP[2]	Total variance in SP expressed as a percentage of the average variance in student performance across OECD countries[3]	Total variance in SP between schools[4]	Total variance in SP within schools	Between-school variance explained	Within-school variance explained	Between-school variance explained	Within-school variance explained	Total variance between schools expressed as a percentage of the total variance within the country[5]
OECD	Australia	10 313	116.2	20.6	94.9	11.6	8.0	14.9	8.3	17.8
	Austria	8 954	100.9	63.5	49.2	8.8	0.6	43.2	0.6	62.9
	Belgium	10 485	118.1	69.5	53.9	11.7	1.7	44.2	1.7	58.8
	Canada	8 875	100.0	17.6	83.1	6.3	6.1	8.9	6.3	17.6
	Czech Republic	7 393	83.3	36.2	48.0	9.9	2.6	24.8	2.7	43.5
	Denmark	9 258	104.3	17.3	89.2	7.7	10.1	9.7	10.1	16.6
	Finland	7 484	84.3	5.3	79.1	1.0	5.9	1.0	5.9	6.3
	France	w	w	w	w	w	w	w	w	w
	Germany	10 062	113.3	61.7	53.9	14.3	2.2	49.5	2.2	54.5
	Greece	9 405	105.9	56.7	55.1	7.1	1.0	27.1	1.0	53.5
	Hungary	7 892	88.9	51.8	36.2	5.4	0.1	41.9	0.1	58.2
	Iceland	8 347	94.0	7.4	86.7	1.8	4.7	2.0	4.6	7.9
	Ireland	8 682	97.8	17.1	81.6	6.9	5.1	11.2	5.2	17.5
	Italy	8 298	93.5	54.9	44.8	2.9	0.1	29.1	0.1	58.7
	Japan	m	m	m	m	m	m	m	m	m
	Korea	4 836	54.5	20.8	34.6	2.3	0.3	10.4	0.2	38.1
	Luxembourg	m	m	m	m	m	m	m	m	m
	Mexico	7 399	83.3	44.5	39.3	6.3	0.2	29.1	0.2	53.4
	Netherlands	m	m	m	m	m	m	m	m	m
	New Zealand	11 359	128.0	20.7	106.9	9.8	8.9	14.4	9.1	16.2
	Norway	10 552	118.9	12.1	107.3	4.0	11.0	4.6	11.0	10.2
	Poland	9 475	106.7	67.3	40.7	2.6	0.0	38.0	0.0	63.1
	Portugal	9 362	105.5	38.5	66.0	11.3	3.7	25.1	3.7	36.5
	Spain	7 111	80.1	16.1	64.2	7.8	4.2	10.5	4.3	20.1
	Sweden	8 404	94.7	8.5	86.5	4.4	6.8	5.8	6.8	9.0
	Switzerland	10 374	116.9	49.3	65.2	12.4	5.4	27.4	5.3	42.2
	United Kingdom	m	m	m	m	m	m	m	m	m
	United States	9 865	111.1	31.2	83.1	15.4	6.5	24.9	6.7	28.1
	OECD average	**8 878**	**100.0**	**34.3**	**67.4**	**7.5**	**4.1**	**21.6**	**4.2**	
Partners	Argentina	11 421	129.4	67.9	61.3	10.9	0.6	43.9	0.6	52.4
	Brazil	7 369	83.0	37.8	48.8	7.9	0.4	23.3	0.6	45.5
	Bulgaria	10 161	115.1	69.8	53.6	14.2	1.3	53.8	1.4	60.6
	Chile	8 043	91.1	56.2	44.6	11.5	0.9	34.7	0.9	61.6
	Hong Kong-China	6 937	78.1	36.7	40.8	2.5	0.2	15.6	0.2	47.0
	Indonesia	5 162	58.1	22.9	30.0	1.7	0.2	8.9	0.2	39.3
	Israel	11 333	128.4	59.1	68.5	14.3	2.6	36.1	2.7	46.0
	Latvia	10 345	116.5	37.2	80.8	6.8	2.1	20.3	2.2	31.9
	Liechtenstein	9 152	103.1	c	c	c	c	c	c	c
	Romania	10 301	116.7	57.6	62.2	1.6	0.0	26.6	0.0	49.3
	Russian Federation	8 418	94.8	34.3	60.2	5.4	1.7	16.2	1.6	36.2
	Thailand	5 847	65.9	20.7	46.3	3.1	0.2	8.6	0.3	31.4

1. The variance components were estimated for all students in participating countries with data on socio-economic background and study programmes. Students in special education programmes were excluded from these analyses.
2. The total variance in student performance is calculated from the square of the standard deviation for the students used in the analysis. The statistical variance in student performance and not the standard deviation is used for this comparison to allow for the decomposition.
3. The sum of the between- and within-school variance components, as an estimate from a sample, does not necessarily add up to the total.
4. In some countries, sub-units within schools were sampled instead of schools and this may affect the estimation of the between-school variance components (see Annex A2).
5. This index is often referred to as the intra-class correlation (rho).

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[Part 1/2]

Table 4.1g Between-school and within-school variance in student performance on the mathematics scale in PISA 2006

Variance inter- et intra-établissements des scores sur l'échelle de culture mathématique du cycle PISA 2006

		Variance expressed as a percentage of the average variance in student performance (SP) across OECD countries[1]				
					Variance explained by the PISA index of economic, social and cultural status of students	
		Total variance in SP[2]	Total variance in SP expressed as a percentage of the average variance in student performance across OECD countries[3]	Total variance in SP between schools[4]	Total variance in SP within schools	Between-school variance explained	Within-school variance explained
OECD	Australia	7 658	92.1	19.7	72.4	6.7	3.3
	Austria	9 619	115.7	69.5	54.5	7.7	0.5
	Belgium	11 090	133.4	69.4	62.4	12.8	2.1
	Canada	7 268	87.4	18.2	69.9	3.9	3.1
	Czech Republic	10 604	127.5	77.1	64.2	15.2	1.9
	Denmark	7 111	85.5	14.9	72.8	5.4	6.7
	Finland	6 499	78.2	5.8	72.4	1.4	6.4
	France	w	w	w	w	w	w
	Germany	9 665	116.2	74.0	47.9	11.6	1.3
	Greece	8 476	101.9	46.5	65.2	13.2	2.8
	Hungary	8 229	99.0	74.0	39.7	12.6	0.6
	Iceland	7 715	92.8	8.5	85.3	0.6	6.7
	Ireland	6 687	80.4	15.5	65.4	6.3	4.3
	Italy	9 067	109.0	59.1	54.0	4.1	0.3
	Japan	8 086	97.2	52.8	46.4	3.8	0.3
	Korea	8 561	102.9	41.9	61.9	6.0	0.8
	Luxembourg	8 692	104.5	33.2	70.6	10.2	3.3
	Mexico	7 266	87.4	31.0	42.2	3.8	0.2
	Netherlands	7 790	93.7	58.5	33.9	5.6	0.5
	New Zealand	8 468	101.8	15.7	86.8	7.9	7.2
	Norway	8 260	99.3	10.7	88.6	3.1	5.0
	Poland	7 471	89.8	13.3	78.1	5.9	8.5
	Portugal	8 209	98.7	33.1	65.6	10.2	4.0
	Slovak Republic	8 921	107.3	54.5	57.3	13.0	2.4
	Spain	7 868	94.6	14.8	77.0	5.5	4.9
	Sweden	7 906	95.1	14.1	82.4	4.8	6.6
	Switzerland	9 463	113.8	39.4	70.0	7.2	3.7
	Turkey	8 693	104.5	54.7	47.9	7.8	0.9
	United Kingdom	7 779	93.6	20.1	69.7	6.5	4.0
	United States	8 028	97.1	26.4	68.6	10.3	5.5
	OECD average	**8 316**	**100.0**	**36.8**	**64.6**	**7.3**	**3.4**
Partners	Argentina	10 199	122.6	60.9	59.2	11.9	1.2
	Azerbaijan	2 308	27.8	19.9	15.0	0.1	0.1
	Brazil	8 462	101.8	52.2	46.6	8.9	0.6
	Bulgaria	10 179	122.4	62.9	60.0	16.0	1.2
	Chile	7 707	92.7	58.2	46.4	14.8	0.9
	Colombia	7 759	93.3	35.8	61.0	9.7	1.3
	Croatia	6 954	83.6	32.7	52.4	5.5	1.1
	Estonia	6 467	77.8	19.2	57.8	4.9	3.4
	Hong Kong-China	8 694	104.6	41.1	62.6	3.5	0.4
	Indonesia	6 403	77.0	33.0	33.3	0.9	0.0
	Israel	11 447	137.7	56.9	83.6	10.6	3.5
	Jordan	6 891	82.9	19.6	60.5	5.6	3.3
	Kyrgyzstan	7 489	90.1	37.9	51.5	5.2	0.6
	Latvia	6 823	82.1	18.4	63.9	5.2	3.8
	Liechtenstein	8 610	103.5	c	c	c	c
	Lithuania	8 042	96.7	32.0	67.2	11.6	4.5
	Macao-China	7 107	85.5	20.7	70.6	1.0	0.2
	Montenegro	7 216	86.8	20.9	62.6	3.6	1.2
	Qatar	8 343	100.3	60.5	53.5	c	c
	Romania	7 036	84.6	43.4	40.7	7.7	1.1
	Russian Federation	8 015	96.4	27.9	71.0	4.7	3.2
	Serbia	8 378	100.7	44.5	61.3	7.8	0.9
	Slovenia	7 945	95.5	55.5	36.9	5.1	0.3
	Chinese Taipei	10 584	127.3	60.1	62.4	7.3	1.1
	Thailand	6 642	79.9	29.8	52.0	7.6	0.4
	Tunisia	8 455	101.7	48.1	53.0	8.1	1.0
	Uruguay	9 859	118.6	47.5	69.2	14.8	2.5

1. The variance components were estimated for all students in participating countries with data on socio-economic background and study programmes.
2. The total variance in student performance is calculated from the square of the standard deviation for the students used in the analysis. The statistical variance in student performance and not the standard deviation is used for this comparison to allow for the decomposition.
3. The sum of the between- and within-school variance components, as an estimate from a sample, does not necessarily add up to the total.
4. In some countries, sub-units within schools were sampled instead of schools and this may affect the estimation of the between-school variance components (see Annex A2).
5. This index is often referred to as the intra-class correlation (rho).

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[Part 2/2]

Table 4.1g Between-school and within-school variance in student performance on the mathematics scale in PISA 2006

Variance inter- et intra-établissements des scores sur l'échelle de culture mathématique du cycle PISA 2006

		Variance expressed as a percentage of the average variance in student performance (SP) across OECD countries[1]						
		Variance explained by the PISA index of economic, social and cultural status of students and schools		Variance explained by students' study programmes		Variance explained by students' study programmes and the PISA index of economic, social and cultural status of students and schools		Total variance between schools expressed as a percentage of the total variance within the country[5]
		Between-school variance explained	Within-school variance explained	Between-school variance explained	Within-school variance explained	Between-school variance explained	Within-school variance explained	
OECD	Australia	11.7	3.4	1.7	3.7	12.4	6.6	21.4
	Austria	40.7	0.5	53.5	0.7	56.0	1.1	60.1
	Belgium	45.7	2.1	55.5	15.0	60.3	15.5	52.0
	Canada	6.2	3.2	0.7	3.7	5.2	6.4	20.8
	Czech Republic	54.6	2.1	61.1	0.3	64.5	2.2	60.4
	Denmark	7.4	6.8	2.7	0.1	8.5	7.0	17.4
	Finland	1.5	6.4	0.0	0.0	1.5	6.4	7.4
	France	w	w	w	w	w	w	w
	Germany	54.2	1.3	61.0	1.9	63.6	3.0	63.7
	Greece	27.6	2.8	33.8	0.0	38.4	2.8	45.6
	Hungary	53.1	0.5	52.7	0.0	58.8	0.6	74.8
	Iceland	0.6	6.7	1.3	0.2	1.8	6.9	9.1
	Ireland	9.9	4.4	0.9	3.6	9.7	7.6	19.2
	Italy	27.0	0.3	24.9	0.0	31.6	0.4	54.2
	Japan	28.7	0.3	8.8	0.0	29.6	0.3	54.3
	Korea	24.0	0.8	19.5	0.5	28.8	1.3	40.7
	Luxembourg	29.8	3.3	28.1	21.2	30.8	21.7	31.8
	Mexico	15.0	0.3	11.5	0.0	19.7	0.3	35.5
	Netherlands	37.6	0.5	53.0	9.3	53.3	9.5	62.5
	New Zealand	11.2	7.3	0.1	1.6	11.1	8.5	15.4
	Norway	4.3	4.9	0.9	0.1	4.7	4.9	10.8
	Poland	6.4	8.7	1.3	0.6	6.6	8.9	14.9
	Portugal	17.1	4.0	24.0	13.1	27.5	15.0	33.5
	Slovak Republic	29.6	2.3	27.2	1.5	34.9	3.6	50.8
	Spain	7.2	4.9	0.0	0.1	7.3	5.0	15.6
	Sweden	6.9	6.5	5.1	0.0	8.8	5.6	14.8
	Switzerland	16.9	3.7	5.5	1.1	17.7	4.7	34.6
	Turkey	31.9	0.9	30.3	0.2	39.7	1.1	52.3
	United Kingdom	12.4	4.3	0.7	0.8	12.4	5.0	21.5
	United States	16.4	5.6	5.1	4.2	18.1	8.6	27.3
	OECD average	**21.9**	**3.4**	**19.7**	**2.9**	**26.3**	**5.9**	
Partners	Argentina	35.7	1.2	28.1	4.1	44.8	5.2	49.6
	Azerbaijan	0.2	0.1	0.6	0.2	0.7	0.2	71.7
	Brazil	29.7	0.6	15.1	3.5	34.1	4.1	51.3
	Bulgaria	41.0	1.1	18.9	0.7	39.9	1.7	51.3
	Chile	40.3	0.9	17.8	1.5	45.2	2.3	62.8
	Colombia	21.6	1.4	9.1	8.8	22.5	9.3	38.3
	Croatia	19.8	1.1	23.3	7.9	24.2	8.1	39.1
	Estonia	8.8	3.4	0.2	0.7	8.8	4.0	24.6
	Hong Kong-China	17.8	0.4	10.4	6.4	21.2	6.5	39.3
	Indonesia	12.2	0.0	6.7	0.0	13.6	0.0	42.9
	Israel	25.5	3.5	7.4	1.1	28.4	4.4	41.3
	Jordan	9.0	3.3	0.0	0.0	9.0	3.3	23.6
	Kyrgyzstan	21.5	0.7	0.0	1.3	20.7	1.8	42.1
	Latvia	8.2	3.8	0.8	1.6	8.7	5.2	22.4
	Liechtenstein	c	c	c	c	c	c	c
	Lithuania	20.3	4.5	14.8	0.5	22.8	5.0	33.1
	Macao-China	3.0	0.1	9.3	10.2	9.7	10.2	24.3
	Montenegro	11.6	1.2	11.5	5.3	13.5	5.7	24.1
	Qatar	22.0	0.0	c	c	29.8	1.3	60.3
	Romania	23.7	1.1	21.2	0.0	28.9	1.1	51.3
	Russian Federation	7.1	3.1	5.9	6.7	8.8	8.7	29.0
	Serbia	30.7	0.9	27.8	4.9	32.9	5.2	44.2
	Slovenia	37.4	0.2	42.6	0.0	44.8	0.3	58.1
	Chinese Taipei	35.5	1.1	29.9	0.9	41.7	2.0	47.2
	Thailand	19.0	0.6	6.0	1.1	19.7	1.7	37.4
	Tunisia	24.4	1.0	33.1	2.1	39.2	3.1	47.3
	Uruguay	29.2	2.6	29.1	3.7	38.7	5.9	40.1

1. The variance components were estimated for all students in participating countries with data on socio-economic background and study programmes.
2. The total variance in student performance is calculated from the square of the standard deviation for the students used in the analysis. The statistical variance in student performance and not the standard deviation is used for this comparison to allow for the decomposition.
3. The sum of the between- and within-school variance components, as an estimate from a sample, does not necessarily add up to the total.
4. In some countries, sub-units within schools were sampled instead of schools and this may affect the estimation of the between-school variance components (see Annex A2).
5. This index is often referred to as the intra-class correlation (rho).

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[Part 1/1]

Table 4.1h **Between-school and within-school variance in student performance on the mathematics scale in PISA 2003**

Variance inter- et intra-établissements des scores sur l'échelle de culture mathématique du cycle PISA 2003

		Variance expressed as a percentage of the average variance in student performance (SP) across OECD countries[1]												
						Variance explained by the PISA index of economic, social and cultural status of students		Variance explained by the PISA index of economic, social and cultural status of students and schools		Variance explained by students' study programmes		Variance explained by students' study programmes and the PISA index of economic, social and cultural status of students and schools		
		Total variance in SP[2]	Total variance in SP expressed as a percentage of the average variance in student performance across OECD countries[3]	Total variance in SP between schools[4]	Total variance in SP within schools	Between-school variance explained	Within-school variance explained	Between-school variance explained	Within-school variance explained	Between-school variance explained	Within-school variance explained	Between-school variance explained	Within-school variance explained	Total variance between schools expressed as a percentage of the total variance within the country[5]
OECD	Australia	9 036	105.1	22.0	82.3	9.0	4.2	15.3	4.3	1.8	2.8	16.6	6.8	21.0
	Austria	8 455	98.4	55.4	49.5	7.6	0.6	35.1	0.5	41.4	0.1	44.9	0.8	56.4
	Belgium	10 463	121.7	56.9	66.7	17.7	4.4	41.9	4.4	38.3	15.0	44.6	16.2	46.7
	Canada	7 626	88.7	15.1	72.6	4.7	4.2	7.1	4.3	2.6	5.0	7.0	8.5	17.1
	Czech Republic	8 581	99.8	50.5	55.2	13.8	2.5	36.9	2.6	18.4	0.0	40.0	2.6	50.5
	Denmark	8 289	96.4	13.0	84.1	7.7	9.7	9.3	9.8	1.2	0.1	9.4	9.9	13.5
	Finland	6 974	81.1	3.9	77.2	0.9	7.9	0.9	7.9	0.0	0.0	0.9	7.9	4.8
	France	w	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	9 306	108.3	56.4	52.6	14.1	2.2	43.8	2.2	1.1	0.1	43.9	2.3	52.1
	Greece	8 751	101.8	38.8	68.0	10.3	2.5	25.2	2.3	28.3	0.0	32.9	2.3	38.1
	Hungary	8 200	95.4	49.0	47.3	11.7	1.0	41.6	1.0	34.3	0.1	42.7	1.0	51.4
	Iceland	8 123	94.5	3.6	90.9	1.3	4.7	1.3	4.7	0.0	0.0	1.3	4.7	3.8
	Ireland	7 213	83.9	13.4	71.2	7.8	6.0	11.0	6.1	1.3	4.3	11.0	9.9	16.0
	Italy	9 153	106.5	56.8	52.0	6.6	0.7	30.5	0.7	17.5	0.0	31.7	0.7	53.3
	Japan	9 994	116.3	62.1	55.0	3.3	0.1	42.0	0.1	5.2	0.0	42.8	0.1	53.4
	Korea	8 531	99.3	42.0	58.1	7.7	1.1	27.8	1.1	21.5	0.6	31.2	1.6	42.3
	Luxembourg	8 432	98.1	31.1	67.6	9.2	3.0	27.8	2.9	9.3	8.1	27.6	9.9	31.7
	Mexico	7 295	84.9	29.0	44.8	4.2	0.3	16.5	0.4	11.1	0.0	20.7	0.5	34.2
	Netherlands	7 897	91.9	54.5	39.5	8.7	1.3	40.8	1.3	49.2	3.2	50.7	4.4	59.3
	New Zealand	9 457	110.0	20.1	90.9	9.8	8.7	15.2	8.8	0.8	3.1	15.2	11.4	18.2
	Norway	8 432	98.1	6.5	91.6	2.7	11.1	2.9	11.2	0.2	0.1	2.9	11.2	6.6
	Poland	8 138	94.7	12.0	83.1	7.1	8.9	8.2	9.0	0.8	0.1	8.3	9.0	12.7
	Portugal	7 647	89.0	30.3	60.0	9.5	4.8	17.2	4.8	26.5	8.6	28.6	11.6	34.1
	Slovak Republic	8 478	98.6	41.5	58.0	12.9	3.1	32.3	3.1	25.9	0.2	33.7	3.3	42.1
	Spain	7 803	90.8	17.2	70.1	6.4	4.1	9.8	4.2	0.0	1.8	7.2	5.4	19.0
	Sweden	8 880	103.3	10.9	92.7	4.7	11.2	5.8	11.2	1.4	0.5	6.9	11.4	10.5
	Switzerland	9 541	111.0	36.4	70.2	9.4	5.1	19.3	5.1	6.0	1.0	19.9	5.9	32.8
	Turkey	10 952	127.4	68.6	56.5	10.0	0.7	48.9	0.6	13.5	0.2	49.9	0.7	53.9
	United Kingdom	m	m	m	m	m	m	m	m	m	m	m	m	m
	United States	9 016	104.9	27.1	78.3	12.1	7.0	18.7	7.2	3.2	2.8	19.2	9.2	25.8
	OECD average	**8 595**	**100.0**	**33.0**	**67.4**	**8.3**	**4.3**	**22.6**	**4.3**	**12.9**	**2.1**	**24.7**	**6.0**	
Partners	Brazil	10 000	116.3	49.2	59.8	6.3	0.2	28.6	0.3	18.7	3.6	36.8	3.9	42.3
	Hong Kong-China	9 946	115.7	52.8	60.4	2.6	0.1	22.7	0.2	15.3	4.6	29.2	4.6	45.6
	Indonesia	6 480	75.4	31.6	39.5	0.7	0.0	13.1	0.0	7.2	0.0	14.4	0.0	41.9
	Latvia	7 749	90.2	20.6	71.0	5.3	4.6	8.4	4.6	0.6	1.4	8.3	5.7	22.8
	Liechtenstein	9 816	114.2	c	c	c	c	c	c	c	c	c	c	c
	Macao-China	7 566	88.0	16.9	74.5	1.4	0.2	4.5	0.2	6.1	7.4	9.0	7.5	19.2
	Russian Federation	8 501	98.9	29.7	69.1	5.6	2.7	11.9	2.6	4.5	2.9	12.6	4.9	30.1
	Thailand	6 723	78.2	30.3	51.0	5.9	0.4	16.4	0.5	4.8	1.6	17.0	2.0	38.8
	Tunisia	6 707	78.0	32.8	44.9	5.3	0.6	18.1	0.7	25.2	1.8	27.6	2.4	42.1
	Uruguay	9 915	115.4	53.5	68.6	13.0	1.4	38.2	1.5	37.6	2.7	47.4	4.1	46.4

1. The variance components were estimated for all students in participating countries with data on socio-economic background and study programmes. Students in special education programmes were excluded from these analyses.
2. The total variance in student performance is calculated from the square of the standard deviation for the students used in the analysis. The statistical variance in student performance and not the standard deviation is used for this comparison to allow for the decomposition.
3. The sum of the between- and within-school variance components, as an estimate from a sample, does not necessarily add up to the total.
4. In some countries, sub-units within schools were sampled instead of schools and this may affect the estimation of the between-school variance components (see Annex A2).
5. This index is often referred to as the intra-class correlation (rho).

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[Part 1/1]

Table 4.1i **Between-school and within-school variance in student performance on the mathematics scale in PISA 2000**

Variance inter- et intra-établissements des scores sur l'échelle de culture mathématique du cycle PISA 2000

		Variance expressed as a percentage of the average variance in student performance (SP) across OECD countries[1]							
					Variance explained by the PISA index of economic, social and cultural status of students		Variance explained by the PISA index of economic, social and cultural status of students and schools		
		Total variance in SP[2]	Total variance in SP expressed as a percentage of the average variance in student performance across OECD countries[3]	Total variance in SP between schools[4]	Total variance in SP within schools	Between-school variance explained	Within-school variance explained	Between-school variance explained	Within-school variance explained	Total variance between schools expressed as a percentage of the total variance within the country[5]
OECD	Australia	8 066	95.5	16.3	78.5	9.9	5.9	12.1	6.5	17.0
	Austria	8 648	102.4	57.5	53.9	9.5	0.6	36.1	0.6	56.1
	Belgium	10 315	122.1	64.5	61.4	14.0	2.0	43.1	2.1	52.8
	Canada	7 104	84.1	14.8	68.8	3.8	4.6	5.2	4.8	17.6
	Czech Republic	8 544	101.2	40.9	61.1	12.2	3.5	28.4	3.6	40.4
	Denmark	7 195	85.2	12.7	73.2	6.0	6.7	7.2	6.9	14.9
	Finland	6 316	74.8	3.4	71.5	0.2	6.1	0.3	6.1	4.5
	France	w	w	w	w	w	w	w	w	w
	Germany	9 654	114.3	59.5	56.2	15.0	2.2	44.8	2.4	52.0
	Greece	11 736	139.0	65.8	77.2	11.9	2.3	33.5	2.3	47.3
	Hungary	9 193	108.9	54.0	54.7	13.9	0.8	45.4	0.9	49.6
	Iceland	6 979	82.6	4.4	78.4	1.0	4.5	1.0	4.5	5.4
	Ireland	6 916	81.9	9.3	72.7	5.3	5.8	7.5	6.1	11.4
	Italy	8 079	95.7	41.7	57.7	3.9	0.2	19.7	0.2	43.6
	Japan	m	m	m	m	m	m	m	m	m
	Korea	7 108	84.2	34.1	50.7	4.7	0.4	20.8	0.4	40.5
	Luxembourg	m	m	m	m	m	m	m	m	m
	Mexico	6 897	81.7	41.3	41.8	7.5	0.2	26.6	0.1	50.5
	Netherlands	m	m	m	m	m	m	m	m	m
	New Zealand	9 432	111.7	20.0	91.8	9.8	8.0	14.0	8.2	17.9
	Norway	8 359	99.0	8.7	90.3	1.7	8.8	1.8	8.8	8.8
	Poland	9 949	117.8	63.2	53.3	6.9	0.4	35.9	0.4	53.7
	Portugal	8 263	97.8	29.0	67.7	10.4	3.8	19.3	3.9	29.6
	Spain	8 139	96.4	16.8	78.8	8.1	5.4	10.3	5.5	17.4
	Sweden	8 638	102.3	7.7	94.7	4.8	7.7	5.5	7.7	7.6
	Switzerland	9 886	117.1	46.0	69.8	11.0	3.4	25.3	3.1	39.3
	United Kingdom	m	m	m	m	m	m	m	m	m
	United States	8 825	104.5	33.0	73.2	16.9	7.7	26.7	7.9	31.6
	OECD average	**8 445**	**100.0**	**32.4**	**68.6**	**8.2**	**3.9**	**20.5**	**4.0**	
Partners	Argentina	14 513	163.0	72.5	88.9	18.3	1.0	49.0	1.3	44.5
	Brazil	9 496	112.4	42.1	73.0	16.6	1.0	28.9	2.3	37.4
	Bulgaria	11 616	130.5	64.3	71.1	18.5	2.0	50.3	2.3	49.3
	Chile	8 735	98.1	47.3	56.9	13.6	0.7	32.3	0.7	48.2
	Hong Kong-China	8 642	102.3	46.0	56.1	2.5	0.2	18.6	0.2	45.0
	Indonesia	7 095	84.0	26.3	51.7	1.6	0.1	8.7	0.2	31.3
	Israel	16 845	189.2	65.6	117.2	21.3	4.6	42.3	5.6	34.7
	Latvia	10 614	125.7	33.8	92.4	5.3	1.4	17.2	1.5	26.9
	Liechtenstein	9 080	107.5	c	c	c	c	c	c	c
	Romania	13 323	149.6	60.5	91.3	4.4	0.0	25.4	0.1	40.4
	Russian Federation	10 772	127.6	45.5	81.9	5.4	2.1	12.8	2.0	35.6
	Thailand	6 799	80.5	27.4	54.9	5.2	0.5	11.1	0.6	34.0

1. The variance components were estimated for all students in participating countries with data on socio-economic background and study programmes. Students in special education programmes were excluded from these analyses.
2. The total variance in student performance is calculated from the square of the standard deviation for the students used in the analysis. The statistical variance in student performance and not the standard deviation is used for this comparison to allow for the decomposition.
3. The sum of the between- and within-school variance components, as an estimate from a sample, does not necessarily add up to the total.
4. In some countries, sub-units within schools were sampled instead of schools and this may affect the estimation of the between-school variance components (see Annex A2).
5. This index is often referred to as the intra-class correlation (rho).

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[Part 1/3]

Table 4.2a Distribution of student performance on the science scale, by immigrant status

Tableau 4.2a Répartition des scores sur l'échelle de culture scientifique selon l'ascendance autochtone ou allochtone

		Native students											
				Percentiles of the science performance distribution									
		Mean score		5th		10th		25th		75th		90th		95th	
		Mean	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
OECD	Australia	529	(2.0)	364	(3.8)	400	(3.5)	463	(2.6)	598	(2.1)	653	(2.4)	684	(3.5)
	Austria	523	(3.5)	368	(5.3)	400	(4.6)	460	(5.0)	589	(4.1)	638	(3.8)	667	(3.8)
	Belgium	523	(2.4)	357	(6.6)	394	(4.7)	460	(3.5)	593	(2.2)	639	(2.0)	664	(2.8)
	Canada	541	(1.8)	385	(4.3)	421	(3.3)	480	(2.2)	605	(2.0)	655	(2.6)	684	(2.7)
	Czech Republic	515	(3.5)	354	(5.9)	388	(4.8)	445	(4.5)	584	(3.9)	642	(4.4)	673	(4.8)
	Denmark	503	(2.9)	356	(5.9)	385	(4.2)	441	(3.3)	566	(3.3)	619	(4.4)	649	(4.4)
	Finland	566	(2.0)	425	(4.4)	457	(2.8)	509	(2.6)	623	(2.4)	674	(2.8)	700	(2.9)
	France	505	(3.5)	337	(6.9)	374	(5.5)	436	(5.7)	576	(3.6)	628	(3.7)	657	(3.5)
	Germany	532	(3.2)	373	(6.2)	408	(5.1)	468	(4.8)	599	(3.5)	650	(3.2)	678	(3.2)
	Greece	478	(3.2)	323	(7.7)	360	(5.2)	418	(4.2)	540	(3.2)	591	(3.7)	621	(3.7)
	Hungary	505	(2.7)	360	(4.1)	389	(4.3)	443	(3.6)	566	(3.4)	618	(3.2)	647	(4.3)
	Iceland	494	(1.7)	336	(4.0)	371	(2.9)	429	(2.5)	562	(2.3)	616	(3.0)	645	(3.7)
	Ireland	510	(3.0)	356	(4.5)	390	(4.2)	447	(4.0)	576	(3.3)	630	(3.6)	660	(5.1)
	Italy	479	(2.0)	325	(3.3)	357	(2.9)	414	(2.7)	545	(2.5)	600	(2.7)	632	(2.8)
	Japan	532	(3.4)	357	(6.1)	397	(6.3)	466	(5.1)	603	(3.1)	655	(3.0)	685	(3.6)
	Korea	523	(3.3)	371	(7.8)	405	(5.8)	464	(4.0)	587	(3.8)	635	(4.7)	663	(6.0)
	Luxembourg	511	(1.6)	364	(5.2)	399	(4.3)	454	(2.4)	572	(2.6)	620	(3.4)	650	(4.4)
	Mexico	415	(2.6)	290	(3.6)	315	(3.7)	361	(2.9)	468	(2.9)	519	(3.2)	547	(3.8)
	Netherlands	534	(2.3)	376	(5.0)	408	(4.0)	469	(4.1)	602	(2.4)	651	(3.1)	679	(3.7)
	New Zealand	536	(2.6)	361	(6.9)	401	(4.5)	465	(3.9)	610	(2.9)	667	(3.5)	700	(4.8)
	Norway	493	(2.5)	343	(5.9)	377	(3.9)	429	(3.0)	557	(2.6)	613	(3.5)	643	(3.7)
	Poland	499	(2.3)	354	(3.9)	383	(3.0)	436	(2.8)	563	(3.2)	616	(3.4)	645	(3.3)
	Portugal	479	(2.9)	336	(5.5)	364	(4.5)	417	(3.9)	541	(2.8)	590	(2.8)	618	(3.8)
	Slovak Republic	490	(2.6)	336	(5.5)	369	(3.7)	427	(3.3)	555	(4.1)	610	(4.1)	639	(3.7)
	Spain	494	(2.4)	348	(3.6)	378	(3.9)	433	(3.1)	556	(3.0)	606	(2.8)	635	(3.0)
	Sweden	512	(2.3)	361	(4.4)	395	(3.3)	450	(3.1)	575	(2.9)	626	(2.9)	657	(3.7)
	Switzerland	531	(2.9)	379	(5.0)	413	(3.5)	470	(3.4)	595	(3.2)	644	(4.4)	672	(4.5)
	Turkey	425	(3.8)	301	(3.0)	326	(3.1)	367	(2.6)	476	(5.8)	540	(9.6)	575	(9.7)
	United Kingdom	519	(2.0)	344	(4.1)	382	(3.3)	446	(3.0)	594	(2.7)	655	(3.1)	688	(3.8)
	United States	499	(4.3)	328	(6.5)	361	(6.7)	423	(5.5)	576	(4.4)	635	(3.8)	667	(4.5)
	OECD total	**497**	**(1.2)**	**330**	**(2.0)**	**362**	**(1.9)**	**423**	**(1.5)**	**571**	**(1.3)**	**629**	**(1.3)**	**662**	**(1.6)**
	OECD average	**506**	**(0.5)**	**352**	**(1.0)**	**386**	**(0.8)**	**443**	**(0.7)**	**572**	**(0.6)**	**624**	**(0.7)**	**654**	**(0.8)**
Partners	Argentina	393	(6.2)	219	(10.8)	261	(9.2)	326	(7.2)	463	(6.6)	521	(6.4)	557	(6.6)
	Azerbaijan	384	(2.8)	301	(3.0)	317	(2.7)	345	(2.8)	416	(3.7)	458	(6.6)	487	(7.5)
	Brazil	393	(2.8)	256	(4.3)	283	(3.3)	330	(2.6)	450	(4.5)	512	(6.0)	550	(5.2)
	Bulgaria	436	(6.1)	268	(7.7)	302	(7.0)	359	(6.5)	511	(7.7)	578	(8.0)	613	(8.3)
	Chile	440	(4.4)	296	(4.7)	325	(4.5)	375	(4.1)	502	(6.0)	562	(6.6)	597	(6.1)
	Colombia	391	(3.3)	252	(5.7)	283	(4.9)	335	(4.8)	447	(4.4)	497	(4.5)	529	(4.3)
	Croatia	497	(2.6)	355	(5.2)	386	(4.7)	437	(3.4)	556	(2.9)	608	(3.4)	637	(4.1)
	Estonia	537	(2.6)	398	(3.8)	429	(4.2)	482	(3.0)	593	(3.5)	643	(3.5)	670	(3.6)
	Hong Kong-China	547	(3.0)	384	(5.2)	423	(5.8)	489	(4.2)	611	(3.5)	658	(4.7)	685	(4.2)
	Indonesia	395	(5.7)	288	(4.3)	309	(3.6)	346	(4.2)	439	(7.9)	489	(11.4)	518	(11.6)
	Israel	462	(3.6)	284	(5.6)	320	(5.4)	383	(4.7)	541	(4.6)	605	(4.3)	640	(6.6)
	Jordan	422	(2.9)	280	(5.1)	312	(4.0)	362	(3.1)	482	(3.8)	535	(4.6)	567	(5.7)
	Kyrgyzstan	324	(2.8)	196	(4.0)	224	(3.3)	270	(3.2)	372	(3.3)	427	(4.5)	466	(6.5)
	Latvia	492	(3.0)	352	(5.2)	383	(4.5)	436	(3.8)	549	(3.5)	598	(3.6)	628	(3.0)
	Liechtenstein	540	(5.8)	407	(20.1)	437	(16.8)	480	(11.6)	596	(9.4)	642	(10.1)	679	(21.6)
	Lithuania	489	(2.9)	342	(3.7)	372	(3.3)	427	(3.5)	552	(3.7)	605	(4.4)	633	(5.5)
	Macao-China	504	(2.2)	370	(6.4)	398	(5.8)	448	(3.4)	561	(3.6)	609	(3.9)	636	(6.9)
	Montenegro	411	(1.2)	286	(2.8)	312	(2.2)	355	(2.3)	464	(2.1)	516	(3.1)	548	(3.9)
	Qatar	330	(1.1)	223	(2.9)	245	(1.8)	283	(1.9)	371	(2.0)	421	(2.8)	454	(3.3)
	Romania	418	(4.2)	291	(4.5)	314	(5.0)	361	(5.2)	473	(5.7)	526	(5.5)	556	(8.1)
	Russian Federation	481	(3.8)	336	(6.0)	367	(5.6)	420	(4.9)	542	(4.4)	598	(3.9)	629	(4.6)
	Serbia	436	(3.1)	297	(5.2)	326	(4.1)	376	(3.9)	495	(3.9)	546	(3.8)	577	(3.9)
	Slovenia	525	(1.2)	366	(3.3)	399	(3.1)	458	(2.9)	595	(1.9)	653	(2.9)	683	(3.9)
	Chinese Taipei	535	(3.5)	372	(4.7)	405	(4.6)	470	(5.3)	603	(3.3)	651	(2.6)	677	(3.5)
	Thailand	422	(2.1)	303	(4.3)	328	(3.2)	370	(2.6)	472	(3.3)	525	(4.0)	554	(4.8)
	Tunisia	387	(2.9)	257	(3.8)	284	(3.3)	331	(2.8)	441	(4.2)	496	(6.0)	528	(6.9)
	Uruguay	430	(2.7)	276	(7.1)	309	(5.2)	366	(3.9)	495	(3.2)	551	(3.7)	585	(4.4)

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[Part 2/3]

Table 4.2a **Distribution of student performance on the science scale, by immigrant status**

Tableau 4.2a **Répartition des scores sur l'échelle de culture scientifique selon l'ascendance autochtone ou allochtone**

		Second-generation students													
				Percentiles of the science performance distribution											
		Mean score		5th		10th		25th		75th		90th		95th	
		Mean	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
OECD	Australia	528	(5.7)	361	(6.6)	396	(7.1)	461	(6.1)	598	(7.4)	656	(8.9)	688	(9.3)
	Austria	431	(13.4)	285	(15.7)	312	(11.5)	352	(13.1)	496	(16.5)	572	(20.5)	616	(22.2)
	Belgium	443	(7.3)	292	(14.7)	327	(11.6)	376	(8.7)	507	(9.7)	563	(8.9)	599	(10.7)
	Canada	528	(4.8)	366	(8.4)	401	(8.5)	461	(7.7)	598	(5.8)	645	(6.7)	671	(7.9)
	Czech Republic	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Denmark	418	(11.0)	277	(23.0)	308	(14.3)	351	(14.0)	483	(16.2)	532	(15.3)	568	(18.1)
	Finland	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	France	456	(10.4)	294	(11.9)	321	(14.1)	381	(12.9)	534	(12.1)	593	(14.1)	624	(16.9)
	Germany	439	(8.7)	276	(15.6)	308	(15.0)	368	(12.6)	508	(9.1)	569	(11.0)	603	(18.8)
	Greece	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Hungary	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Iceland	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Ireland	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Italy	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Japan	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Korea	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Luxembourg	445	(3.0)	303	(6.8)	332	(6.3)	382	(4.2)	507	(4.6)	569	(6.3)	604	(8.1)
	Mexico	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Netherlands	455	(11.2)	315	(13.0)	341	(15.7)	389	(15.9)	517	(14.0)	583	(16.1)	612	(14.1)
	New Zealand	508	(8.0)	319	(14.4)	368	(17.3)	424	(10.3)	597	(10.3)	651	(10.7)	685	(11.6)
	Norway	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Poland	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Portugal	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Slovak Republic	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Spain	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Sweden	464	(6.0)	321	(15.1)	349	(9.3)	400	(9.8)	529	(7.9)	578	(11.0)	614	(18.4)
	Switzerland	462	(4.8)	305	(7.8)	338	(6.9)	391	(6.3)	530	(6.1)	590	(6.7)	624	(7.8)
	Turkey	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	United Kingdom	493	(8.9)	332	(20.3)	367	(15.8)	421	(12.9)	564	(11.8)	627	(17.4)	668	(22.5)
	United States	456	(6.7)	306	(12.6)	332	(9.8)	382	(9.6)	524	(10.5)	589	(9.6)	627	(14.4)
	OECD total	**463**	**(3.5)**	**303**	**(8.8)**	**333**	**(5.7)**	**388**	**(5.0)**	**534**	**(3.6)**	**598**	**(5.1)**	**639**	**(6.3)**
	OECD average	**466**	**(2.2)**	**311**	**(3.8)**	**342**	**(3.3)**	**395**	**(2.9)**	**535**	**(2.9)**	**594**	**(3.3)**	**629**	**(4.1)**
Partners	Argentina	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Azerbaijan	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Brazil	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Bulgaria	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Chile	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Colombia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Croatia	481	(6.3)	360	(7.5)	380	(8.9)	423	(9.1)	536	(9.7)	583	(9.2)	610	(14.3)
	Estonia	505	(4.6)	378	(11.2)	406	(8.5)	447	(6.1)	558	(8.3)	615	(9.8)	651	(10.8)
	Hong Kong-China	551	(3.6)	395	(7.3)	432	(7.8)	491	(6.2)	615	(4.4)	660	(6.6)	686	(6.4)
	Indonesia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Israel	445	(6.6)	268	(16.7)	309	(11.5)	370	(10.1)	518	(11.8)	588	(10.8)	620	(11.5)
	Jordan	445	(5.4)	308	(7.3)	336	(9.4)	387	(7.4)	505	(9.3)	555	(7.2)	584	(9.5)
	Kyrgyzstan	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Latvia	489	(6.1)	357	(11.8)	383	(8.3)	427	(6.7)	547	(9.5)	602	(11.3)	632	(13.4)
	Liechtenstein	510	(13.7)	358	(22.9)	382	(29.8)	433	(24.1)	595	(33.2)	658	(15.8)	669	(17.6)
	Lithuania	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Macao-China	519	(1.4)	390	(5.4)	420	(3.5)	469	(3.0)	572	(2.4)	613	(2.4)	637	(3.3)
	Montenegro	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Qatar	366	(2.3)	251	(6.0)	274	(4.5)	311	(3.0)	414	(3.0)	469	(5.9)	502	(7.9)
	Romania	a	a	a	a	a	a	a	a	a	a	a	a	a	a
	Russian Federation	468	(6.7)	312	(17.7)	355	(15.2)	409	(9.9)	527	(10.2)	582	(13.6)	617	(21.7)
	Serbia	444	(6.1)	324	(20.7)	344	(13.9)	388	(9.1)	500	(11.4)	551	(13.5)	576	(19.9)
	Slovenia	468	(5.5)	328	(8.0)	356	(10.8)	402	(8.5)	531	(9.9)	591	(15.4)	620	(11.0)
	Chinese Taipei	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Thailand	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Tunisia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Uruguay	c	c	c	c	c	c	c	c	c	c	c	c	c	c

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[Part 3/3]

Table 4.2a Distribution of student performance on the science scale, by immigrant status

Tableau 4.2a Répartition des scores sur l'échelle de culture scientifique selon l'ascendance autochtone ou allochtone

		First-generation students													
				Percentiles of the science performance distribution											
		Mean score		5th		10th		25th		75th		90th		95th	
		Mean	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
OECD	Australia	527	(5.7)	343	(10.7)	383	(9.4)	448	(7.2)	606	(7.9)	664	(9.5)	696	(10.1)
	Austria	435	(10.9)	265	(25.1)	299	(19.4)	359	(16.5)	510	(10.7)	577	(11.0)	604	(9.4)
	Belgium	430	(8.3)	273	(14.9)	304	(12.1)	360	(11.0)	500	(9.2)	558	(14.6)	597	(15.3)
	Canada	519	(5.2)	342	(13.8)	381	(11.2)	444	(8.6)	592	(7.1)	648	(7.1)	678	(8.7)
	Czech Republic	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Denmark	414	(8.0)	272	(25.5)	299	(18.3)	352	(11.5)	477	(12.6)	534	(20.7)	581	(31.5)
	Finland	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	France	438	(10.1)	250	(33.2)	301	(21.8)	367	(19.5)	510	(15.1)	587	(17.8)	617	(25.0)
	Germany	455	(8.8)	292	(15.9)	320	(16.3)	378	(13.6)	531	(12.6)	590	(14.2)	622	(14.9)
	Greece	428	(10.3)	276	(28.7)	312	(14.7)	364	(12.9)	490	(15.4)	550	(14.3)	579	(17.1)
	Hungary	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Iceland	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Ireland	500	(14.6)	303	(27.8)	333	(24.4)	418	(19.1)	585	(15.8)	654	(16.0)	693	(20.1)
	Italy	418	(8.2)	255	(37.0)	300	(17.6)	353	(7.8)	489	(9.8)	544	(8.5)	576	(13.2)
	Japan	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Korea	a	a	a	a	a	a	a	a	a	a	a	a	a	a
	Luxembourg	445	(3.7)	283	(7.9)	310	(6.1)	367	(6.5)	521	(7.8)	587	(7.2)	627	(9.7)
	Mexico	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Netherlands	467	(10.2)	318	(15.2)	335	(14.0)	393	(15.7)	532	(12.5)	602	(17.0)	642	(28.1)
	New Zealand	526	(6.6)	315	(12.0)	364	(14.9)	439	(9.5)	619	(7.6)	680	(7.2)	708	(7.1)
	Norway	433	(11.2)	267	(19.0)	303	(15.4)	363	(13.7)	501	(17.3)	582	(25.1)	631	(39.7)
	Poland	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Portugal	412	(11.1)	265	(33.2)	304	(18.2)	356	(15.0)	465	(18.5)	535	(19.7)	558	(16.5)
	Slovak Republic	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Spain	428	(7.2)	268	(19.5)	303	(14.5)	359	(9.4)	496	(9.3)	564	(13.0)	596	(11.7)
	Sweden	434	(8.1)	287	(18.2)	312	(15.7)	365	(11.1)	497	(13.1)	567	(18.2)	617	(34.9)
	Switzerland	436	(6.9)	272	(10.0)	302	(10.2)	357	(8.1)	509	(11.4)	589	(11.8)	630	(10.1)
	Turkey	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	United Kingdom	479	(14.7)	264	(40.8)	316	(33.1)	389	(25.1)	570	(17.7)	638	(14.7)	673	(20.3)
	United States	442	(7.9)	283	(10.7)	308	(9.5)	365	(10.6)	513	(12.8)	570	(16.3)	608	(14.4)
	OECD total	**448**	**(3.0)**	**275**	**(6.6)**	**305**	**(4.8)**	**366**	**(4.9)**	**526**	**(5.9)**	**594**	**(4.5)**	**634**	**(6.7)**
	OECD average	**453**	**(2.1)**	**284**	**(5.2)**	**319**	**(3.8)**	**379**	**(3.0)**	**526**	**(2.8)**	**591**	**(3.4)**	**627**	**(4.5)**
Partners	Argentina	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Azerbaijan	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Brazil	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Bulgaria	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Chile	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Colombia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Croatia	475	(5.6)	359	(10.9)	380	(5.4)	418	(5.3)	530	(10.7)	580	(9.2)	607	(12.5)
	Estonia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Hong Kong-China	521	(4.9)	363	(10.4)	395	(10.3)	457	(6.6)	590	(5.5)	638	(7.2)	666	(6.7)
	Indonesia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Israel	468	(7.8)	286	(16.9)	323	(12.3)	385	(9.1)	553	(13.2)	617	(9.3)	654	(10.8)
	Jordan	451	(4.7)	324	(13.9)	352	(9.3)	403	(6.6)	502	(7.6)	545	(8.8)	573	(11.7)
	Kyrgyzstan	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Latvia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Liechtenstein	483	(11.1)	326	(27.3)	349	(18.1)	399	(19.5)	558	(25.5)	641	(31.0)	684	(30.1)
	Lithuania	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Macao-China	500	(3.5)	374	(10.1)	402	(6.8)	445	(5.8)	553	(5.0)	603	(7.4)	630	(11.2)
	Montenegro	436	(6.6)	301	(17.8)	331	(12.4)	373	(10.8)	497	(11.0)	549	(14.0)	573	(16.4)
	Qatar	414	(3.1)	268	(7.0)	295	(4.9)	342	(4.3)	478	(6.6)	555	(5.2)	596	(7.7)
	Romania	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Russian Federation	467	(7.8)	322	(13.9)	352	(11.3)	403	(13.7)	533	(9.6)	580	(11.2)	614	(16.5)
	Serbia	444	(6.4)	328	(16.0)	350	(11.6)	393	(8.9)	495	(11.1)	536	(10.2)	564	(16.0)
	Slovenia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Chinese Taipei	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Thailand	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Tunisia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Uruguay	c	c	c	c	c	c	c	c	c	c	c	c	c	c

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[Part 1/3]

Table 4.2b Percentage of students at each proficiency level on the science scale, by immigrant status

Tableau 4.2b Pourcentage d'élèves à chaque niveau de compétence sur l'échelle de culture scientifique selon l'ascendance autochtone ou allochtone

		Native students - Proficiency levels													
		Below Level 1 (below 334.94 score points)		Level 1 (from 334.94 to 409.54 score points)		Level 2 (from 409.54 to 484.14 score points)		Level 3 (from 484.14 to 558.73 score points)		Level 4 (from 558.73 to 633.33 score points)		Level 5 (from 633.33 to 707.93 score points)		Level 6 (above 707.93 score points)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	2.6	(0.3)	9.1	(0.5)	20.2	(0.6)	28.3	(0.6)	25.1	(0.6)	11.8	(0.5)	2.7	(0.3)
	Austria	2.0	(0.4)	9.8	(0.9)	21.2	(1.1)	30.0	(1.1)	25.8	(1.2)	9.8	(0.8)	1.3	(0.2)
	Belgium	3.0	(0.5)	9.8	(0.6)	19.7	(0.8)	28.9	(0.8)	27.2	(0.9)	10.3	(0.5)	1.1	(0.2)
	Canada	1.6	(0.2)	6.5	(0.4)	18.3	(0.7)	29.5	(0.8)	28.7	(0.8)	12.8	(0.6)	2.6	(0.3)
	Czech Republic	3.0	(0.6)	11.7	(0.8)	23.4	(1.2)	28.0	(1.1)	22.0	(0.9)	9.9	(0.9)	1.9	(0.3)
	Denmark	3.0	(0.6)	12.6	(0.7)	26.0	(1.1)	30.4	(1.1)	20.8	(1.0)	6.5	(0.7)	0.7	(0.2)
	Finland	0.4	(0.1)	3.1	(0.4)	13.1	(0.6)	29.4	(1.1)	32.7	(0.9)	17.3	(0.7)	4.0	(0.4)
	France	4.8	(0.6)	13.1	(1.0)	22.3	(1.1)	28.4	(1.1)	22.5	(1.1)	8.0	(0.6)	0.9	(0.2)
	Germany	1.9	(0.4)	8.4	(0.9)	20.0	(1.2)	29.4	(1.2)	26.5	(1.0)	11.7	(0.7)	2.2	(0.3)
	Greece	6.3	(0.8)	16.0	(0.9)	28.8	(1.2)	30.5	(0.9)	14.9	(0.9)	3.3	(0.3)	0.3	(0.1)
	Hungary	2.5	(0.3)	12.3	(0.9)	25.9	(1.1)	31.2	(1.1)	21.1	(0.9)	6.3	(0.6)	0.6	(0.2)
	Iceland	4.8	(0.5)	14.2	(0.8)	26.0	(0.7)	28.9	(0.9)	19.5	(0.8)	5.8	(0.5)	0.8	(0.2)
	Ireland	3.0	(0.4)	11.5	(0.8)	24.1	(0.9)	30.2	(1.0)	21.8	(0.9)	8.4	(0.6)	1.1	(0.2)
	Italy	6.3	(0.4)	17.4	(0.6)	27.8	(0.8)	28.0	(0.6)	15.7	(0.6)	4.4	(0.3)	0.4	(0.1)
	Japan	3.1	(0.4)	8.8	(0.7)	18.5	(0.9)	27.5	(0.9)	27.0	(1.1)	12.4	(0.6)	2.6	(0.3)
	Korea	2.3	(0.5)	8.5	(0.8)	21.1	(1.0)	32.0	(1.2)	25.7	(0.9)	9.3	(0.8)	1.1	(0.3)
	Luxembourg	2.4	(0.3)	9.7	(0.7)	23.8	(0.8)	33.9	(1.3)	22.6	(1.0)	6.9	(0.5)	0.6	(0.2)
	Mexico	15.6	(1.1)	32.8	(0.9)	32.2	(0.9)	15.7	(0.7)	3.4	(0.4)	0.3	(0.1)	0.0	a
	Netherlands	1.3	(0.2)	8.9	(0.7)	19.6	(0.9)	27.7	(0.9)	28.0	(1.0)	12.6	(0.9)	1.8	(0.3)
	New Zealand	2.9	(0.4)	8.6	(0.5)	19.1	(0.9)	27.0	(1.0)	24.6	(0.8)	13.7	(0.8)	4.1	(0.5)
	Norway	4.2	(0.6)	14.1	(0.9)	27.6	(0.9)	29.5	(1.0)	18.1	(0.7)	5.7	(0.4)	0.6	(0.1)
	Poland	3.0	(0.4)	13.4	(0.6)	27.4	(1.0)	29.7	(1.0)	19.6	(0.8)	6.2	(0.4)	0.7	(0.1)
	Portugal	4.8	(0.7)	17.5	(1.0)	29.2	(0.9)	29.9	(1.2)	15.3	(0.9)	3.2	(0.4)	0.1	(0.1)
	Slovak Republic	4.9	(0.6)	14.8	(0.9)	28.0	(1.0)	28.3	(1.0)	18.1	(1.0)	5.3	(0.5)	0.6	(0.1)
	Spain	3.6	(0.4)	14.0	(0.7)	27.1	(0.9)	31.3	(0.7)	18.7	(0.7)	4.8	(0.4)	0.4	(0.1)
	Sweden	2.4	(0.4)	10.7	(0.6)	24.6	(0.9)	30.9	(1.0)	22.8	(1.0)	7.3	(0.5)	1.2	(0.2)
	Switzerland	1.7	(0.3)	7.7	(0.5)	20.2	(0.9)	30.7	(1.0)	27.2	(1.1)	10.7	(0.9)	1.7	(0.3)
	Turkey	12.5	(0.8)	33.4	(1.3)	31.6	(1.4)	15.3	(1.1)	6.3	(1.2)	0.9	(0.3)	0.0	a
	United Kingdom	4.1	(0.4)	11.2	(0.6)	21.3	(0.8)	26.4	(0.7)	22.6	(0.6)	11.4	(0.6)	3.0	(0.3)
	United States	5.8	(0.9)	15.2	(1.0)	23.8	(1.1)	24.7	(0.9)	20.2	(1.0)	8.5	(0.7)	1.7	(0.3)
	OECD total	**5.7**	**(0.3)**	**15.4**	**(0.3)**	**24.1**	**(0.4)**	**25.8**	**(0.3)**	**19.7**	**(0.3)**	**7.8**	**(0.2)**	**1.4**	**(0.1)**
	OECD average	**4.0**	**(0.1)**	**12.8**	**(0.1)**	**23.7**	**(0.2)**	**28.4**	**(0.2)**	**21.5**	**(0.2)**	**8.2**	**(0.1)**	**1.4**	**(0.0)**
Partners	Argentina	27.7	(2.4)	27.8	(1.4)	25.8	(1.3)	14.0	(1.3)	4.2	(0.7)	0.5	(0.1)	0.0	a
	Azerbaijan	18.6	(1.5)	52.9	(1.6)	23.2	(1.4)	5.0	(0.9)	0.4	(0.2)	0.0	a	a	a
	Brazil	26.7	(1.0)	33.1	(1.0)	24.4	(0.9)	11.7	(0.9)	3.5	(0.4)	0.5	(0.2)	0.0	(0.0)
	Bulgaria	17.7	(1.7)	24.2	(1.3)	25.2	(1.2)	19.3	(1.2)	10.5	(1.1)	2.6	(0.5)	0.5	(0.2)
	Chile	12.5	(1.1)	26.5	(1.6)	30.1	(1.2)	20.3	(1.5)	8.6	(1.0)	1.8	(0.3)	0.1	(0.1)
	Colombia	24.9	(1.7)	34.2	(1.5)	27.9	(1.5)	10.9	(1.1)	2.0	(0.4)	0.2	(0.1)	0.0	a
	Croatia	3.0	(0.4)	13.0	(0.7)	28.4	(1.0)	31.7	(1.1)	18.4	(0.9)	4.9	(0.5)	0.6	(0.1)
	Estonia	0.9	(0.2)	5.7	(0.6)	19.3	(0.9)	34.2	(1.1)	27.7	(1.1)	10.8	(0.8)	1.5	(0.3)
	Hong Kong-China	1.7	(0.3)	6.4	(0.7)	15.5	(1.1)	28.9	(1.4)	30.5	(1.4)	14.9	(1.1)	2.2	(0.4)
	Indonesia	19.5	(1.7)	41.6	(2.2)	27.9	(1.4)	9.6	(2.0)	1.4	(0.5)	0.0	a	a	a
	Israel	12.7	(1.2)	20.4	(1.0)	24.3	(1.2)	22.3	(1.2)	14.6	(0.9)	4.8	(0.6)	0.9	(0.2)
	Jordan	15.7	(0.9)	29.2	(1.0)	30.8	(1.1)	18.2	(0.9)	5.4	(0.7)	0.6	(0.2)	0.0	a
	Kyrgyzstan	57.4	(1.5)	29.0	(1.1)	10.1	(0.8)	2.9	(0.4)	0.7	(0.2)	0.0	a	a	a
	Latvia	3.2	(0.5)	13.2	(1.0)	28.7	(1.2)	33.7	(1.0)	17.0	(1.0)	3.9	(0.4)	0.3	(0.1)
	Liechtenstein	0.7	(0.6)	5.2	(2.3)	19.8	(4.4)	31.2	(4.0)	30.6	(3.3)	9.7	(2.3)	2.8	(1.2)
	Lithuania	3.9	(0.4)	15.7	(0.8)	27.4	(0.9)	30.2	(0.9)	17.7	(0.9)	4.6	(0.6)	0.4	(0.2)
	Macao-China	1.6	(0.5)	11.2	(1.1)	28.1	(2.1)	33.1	(1.6)	20.7	(1.5)	5.0	(0.7)	0.3	(0.2)
	Montenegro	17.1	(0.8)	33.3	(1.3)	31.3	(1.0)	14.6	(0.7)	3.5	(0.4)	0.3	(0.1)	0.0	a
	Qatar	55.9	(0.9)	31.5	(1.0)	10.0	(0.7)	2.3	(0.3)	0.2	(0.1)	0.0	a	a	a
	Romania	15.9	(1.5)	30.9	(1.5)	31.9	(1.6)	16.6	(1.2)	4.2	(0.8)	0.5	(0.1)	0.0	a
	Russian Federation	4.8	(0.7)	16.6	(1.2)	30.2	(1.0)	28.7	(1.3)	15.3	(1.1)	3.8	(0.5)	0.5	(0.1)
	Serbia	12.0	(0.9)	26.5	(1.2)	32.0	(1.3)	22.0	(1.3)	6.7	(0.6)	0.8	(0.2)	0.0	a
	Slovenia	2.4	(0.4)	9.7	(0.7)	22.2	(0.8)	27.9	(1.2)	23.7	(1.2)	11.7	(0.6)	2.4	(0.3)
	Chinese Taipei	1.6	(0.3)	9.3	(0.8)	18.4	(0.9)	27.5	(0.8)	28.3	(1.0)	13.2	(0.8)	1.7	(0.2)
	Thailand	11.9	(0.8)	33.5	(1.0)	33.6	(0.9)	16.6	(0.8)	4.1	(0.4)	0.4	(0.1)	0.0	a
	Tunisia	26.8	(1.1)	35.3	(0.9)	25.4	(1.0)	10.5	(1.0)	2.0	(0.5)	0.1	(0.1)	0.0	a
	Uruguay	15.9	(1.2)	25.1	(1.2)	30.1	(1.6)	20.2	(1.2)	7.1	(0.6)	1.3	(0.2)	0.1	(0.1)

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[Part 2/3]

Table 4.2b Percentage of students at each proficiency level on the science scale, by immigrant status

Tableau 4.2b Pourcentage d'élèves à chaque niveau de compétence sur l'échelle de culture scientifique selon l'ascendance autochtone ou allochtone

		Second-generation students - Proficiency levels													
		Below Level 1 (below 334.94 score points)		Level 1 (from 334.94 to 409.54 score points)		Level 2 (from 409.54 to 484.14 score points)		Level 3 (from 484.14 to 558.73 score points)		Level 4 (from 558.73 to 633.33 score points)		Level 5 (from 633.33 to 707.93 score points)		Level 6 (above 707.93 score points)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	2.6	(0.6)	10.2	(1.2)	20.2	(1.5)	28.0	(1.4)	24.0	(1.3)	12.0	(1.5)	3.1	(0.8)
	Austria	18.5	(4.4)	26.8	(6.0)	26.5	(4.6)	16.0	(3.7)	8.4	(2.2)	3.6	(1.6)	0.3	c
	Belgium	12.2	(3.0)	25.4	(4.2)	29.5	(2.7)	22.2	(2.8)	8.6	(1.7)	2.2	(0.8)	0.0	c
	Canada	2.0	(0.6)	9.5	(1.3)	20.6	(1.9)	26.9	(1.7)	28.2	(2.2)	11.1	(1.6)	1.6	(0.5)
	Czech Republic	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Denmark	19.4	(4.7)	28.4	(4.6)	26.8	(4.7)	18.9	(4.0)	5.5	(2.3)	0.5	c	0.4	c
	Finland	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	France	12.7	(2.9)	22.4	(2.7)	25.6	(2.8)	22.1	(2.9)	13.3	(2.6)	3.5	(1.7)	0.5	(0.3)
	Germany	14.3	(2.9)	25.8	(3.1)	26.6	(2.7)	21.3	(2.9)	9.2	(1.8)	2.5	(1.2)	0.2	c
	Greece	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Hungary	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Iceland	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Ireland	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Italy	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Japan	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Korea	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Luxembourg	10.6	(1.4)	26.8	(2.1)	29.6	(1.9)	21.1	(1.5)	9.7	(1.4)	2.0	(0.8)	0.2	(0.2)
	Mexico	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Netherlands	8.6	(3.3)	24.2	(5.3)	31.1	(4.1)	22.2	(3.9)	10.7	(2.3)	2.9	(1.4)	0.3	c
	New Zealand	6.7	(1.7)	14.1	(2.5)	23.3	(3.3)	18.9	(2.9)	22.6	(3.0)	12.5	(2.2)	1.9	(1.0)
	Norway	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Poland	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Portugal	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Slovak Republic	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Spain	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Sweden	7.0	(1.9)	21.5	(3.1)	30.3	(3.6)	26.9	(3.8)	11.0	(2.1)	3.0	(1.5)	0.3	c
	Switzerland	9.3	(1.2)	22.0	(1.6)	28.5	(1.8)	23.8	(1.8)	12.5	(1.6)	3.3	(0.8)	0.5	(0.3)
	Turkey	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	United Kingdom	4.6	(1.5)	15.9	(3.8)	27.4	(3.7)	25.5	(3.6)	17.7	(2.9)	6.3	(1.8)	2.5	(1.2)
	United States	10.5	(2.2)	24.6	(2.8)	27.8	(2.5)	21.6	(2.4)	10.8	(1.7)	4.2	(1.1)	0.5	(0.4)
	OECD total	**10.3**	**(1.2)**	**22.4**	**(1.5)**	**26.5**	**(1.4)**	**22.3**	**(1.3)**	**12.9**	**(0.9)**	**4.8**	**(0.6)**	**0.7**	**(0.2)**
	OECD average	**9.9**	**(0.7)**	**21.3**	**(0.9)**	**26.7**	**(0.8)**	**22.5**	**(0.8)**	**13.7**	**(0.6)**	**5.0**	**(0.4)**	**0.9**	**(0.2)**
Partners	Argentina	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Azerbaijan	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Brazil	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Bulgaria	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Chile	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Colombia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Croatia	2.2	(1.3)	17.1	(3.4)	33.3	(3.5)	30.4	(3.9)	14.5	(2.6)	2.5	(1.4)	0.1	c
	Estonia	1.3	(0.7)	9.7	(1.8)	30.9	(2.7)	33.6	(2.2)	17.5	(2.2)	6.4	(1.2)	0.7	(0.5)
	Hong Kong-China	1.1	(0.5)	5.7	(0.9)	15.9	(1.8)	28.4	(1.6)	31.4	(1.7)	14.9	(1.4)	2.6	(0.7)
	Indonesia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Israel	15.8	(2.3)	22.0	(2.8)	25.7	(2.9)	20.2	(2.1)	12.5	(1.8)	3.3	(1.0)	0.4	(0.4)
	Jordan	9.6	(1.5)	24.1	(2.5)	33.2	(3.4)	24.1	(2.5)	8.0	(1.9)	0.9	(0.5)	0.0	c
	Kyrgyzstan	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Latvia	2.3	(0.9)	15.7	(2.6)	31.6	(4.1)	29.7	(2.5)	16.0	(2.9)	4.6	(1.8)	0.2	c
	Liechtenstein	2.2		14.9	(7.4)	25.7	(7.2)	23.8	(7.9)	17.5	(5.7)	15.0	(5.4)	0.9	c
	Lithuania	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Macao-China	0.9	(0.3)	6.9	(0.6)	23.5	(1.0)	37.7	(1.4)	25.5	(1.0)	5.4	(0.5)	0.2	(0.1)
	Montenegro	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Qatar	36.9	(1.4)	36.0	(1.6)	19.4	(1.4)	6.5	(0.9)	1.1	(0.4)	0.1	0	c	0
	Romania	a	a	a	a	a	a	a	a	a	a	a	a	a	a
	Russian Federation	7.4	(2.1)	17.8	(3.6)	31.3	(4.1)	27.7	(4.8)	13.2	(3.4)	2.4	(1.6)	0.2	c
	Serbia	7.4	(3.1)	28.1	(5.0)	33.5	(5.0)	22.6	(4.3)	7.5	(2.5)	0.9	0	c	0
	Slovenia	6.2	(1.4)	21.5	(2.8)	30.2	(2.7)	25.6	(2.4)	13.3	(2.2)	2.9	(1.1)	0.3	(0.4)
	Chinese Taipei	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Thailand	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Tunisia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Uruguay	c	c	c	c	c	c	c	c	c	c	c	c	c	c

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[Part 3/3]

Table 4.2b Percentage of students at each proficiency level on the science scale, by immigrant status

Tableau 4.2b Pourcentage d'élèves à chaque niveau de compétence sur l'échelle de culture scientifique selon l'ascendance autochtone ou allochtone

		First-generation students - Proficiency levels													
		Below Level 1 (below 334.94 score points)		Level 1 (from 334.94 to 409.54 score points)		Level 2 (from 409.54 to 484.14 score points)		Level 3 (from 484.14 to 558.73 score points)		Level 4 (from 558.73 to 633.33 score points)		Level 5 (from 633.33 to 707.93 score points)		Level 6 (above 707.93 score points)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	4.1	(0.8)	11.6	(1.4)	18.9	(2.0)	24.5	(1.8)	23.6	(1.9)	13.2	(1.8)	4.0	(1.0)
	Austria	18.5	(4.8)	23.9	(2.9)	23.9	(3.3)	19.7	(2.9)	11.7	(2.0)	2.0	(0.8)	0.2	(0.2)
	Belgium	17.4	(3.5)	26.1	(3.0)	25.8	(3.3)	20.8	(3.0)	8.0	(2.0)	1.9	(0.7)	0.0	c
	Canada	4.2	(1.1)	11.6	(1.8)	20.2	(1.9)	26.6	(2.2)	23.9	(2.1)	10.9	(1.8)	2.6	(0.9)
	Czech Republic	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Denmark	18.5	(4.1)	33.0	(4.9)	26.2	(4.7)	15.0	(3.4)	5.1	(1.9)	1.6	(1.4)	0.6	c
	Finland	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	France	17.9	(3.8)	20.0	(3.9)	28.9	(4.4)	18.9	(4.3)	10.9	(3.3)	3.2	(2.1)	0.2	c
	Germany	13.1	(2.9)	21.4	(3.2)	26.0	(3.7)	22.2	(3.4)	13.9	(2.9)	2.9	(1.3)	0.5	(0.6)
	Greece	15.5	(3.3)	26.1	(4.2)	31.3	(4.1)	19.4	(4.6)	6.2	(2.5)	1.4	(1.0)	0.0	c
	Hungary	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Iceland	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Ireland	10.3	(4.0)	12.6	(3.0)	20.3	(3.9)	23.1	(3.5)	19.8	(3.8)	11.1	(3.0)	2.9	(2.2)
	Italy	18.8	(3.3)	29.1	(3.7)	24.4	(3.6)	20.6	(3.4)	6.0	(1.6)	0.9	(0.5)	0.1	c
	Japan	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Korea	a	a	a	a	a	a	a	a	a	a	a	a	a	a
	Luxembourg	15.7	(1.5)	23.7	(2.3)	26.0	(2.5)	18.7	(1.8)	11.5	(1.5)	3.7	(0.8)	0.7	(0.4)
	Mexico	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Netherlands	10.0	(3.8)	20.2	(4.3)	28.1	(5.0)	23.5	(4.1)	12.8	(3.5)	4.6	(1.9)	0.8	(0.7)
	New Zealand	7.1	(1.5)	10.7	(1.7)	19.6	(1.8)	19.5	(1.9)	22.4	(2.1)	15.6	(1.6)	5.0	(0.9)
	Norway	17.1	(3.8)	28.5	(4.5)	24.7	(4.0)	16.5	(3.9)	8.2	(3.2)	4.9	(2.3)	a	a
	Poland	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Portugal	17.4	(4.7)	36.5	(5.0)	25.0	(3.9)	16.2	(3.9)	3.5	(2.0)	1.5	(1.3)	a	a
	Slovak Republic	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Spain	17.3	(2.5)	24.9	(3.0)	28.8	(2.8)	18.2	(2.4)	9.1	(2.1)	1.6	(1.0)	0.0	c
	Sweden	14.4	(3.4)	29.0	(4.9)	27.7	(4.4)	17.0	(3.3)	8.0	(2.8)	3.6	(1.7)	0.3	c
	Switzerland	17.7	(2.4)	25.8	(1.9)	25.2	(2.1)	16.4	(1.8)	10.4	(1.6)	4.1	(1.1)	0.4	(0.5)
	Turkey	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	United Kingdom	12.2	(4.5)	17.2	(4.3)	21.5	(3.2)	21.3	(3.6)	16.8	(2.9)	9.2	(2.6)	1.8	(1.5)
	United States	16.5	(3.0)	22.2	(3.1)	26.8	(3.4)	22.3	(3.0)	8.9	(2.2)	2.0	(1.0)	1.3	(1.0)
	OECD total	**16.7**	**(1.3)**	**21.1**	**(1.3)**	**24.5**	**(1.4)**	**21.0**	**(1.4)**	**11.7**	**(1.0)**	**3.9**	**(0.4)**	**1.2**	**(0.4)**
	OECD average	**14.2**	**(0.7)**	**22.7**	**(0.8)**	**25.0**	**(0.8)**	**20.0**	**(0.7)**	**12.0**	**(0.6)**	**5.0**	**(0.4)**	**1.2**	**(0.3)**
Partners	Argentina	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Azerbaijan	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Brazil	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Bulgaria	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Chile	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Colombia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Croatia	1.9	(0.7)	19.1	(2.3)	35.9	(3.2)	27.5	(3.6)	13.2	(2.7)	2.2	(1.0)	0.2	c
	Estonia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Hong Kong-China	2.3	(1.0)	10.0	(1.5)	22.2	(1.8)	29.1	(2.1)	25.5	(2.4)	10.0	(1.4)	1.0	(0.4)
	Indonesia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Israel	12.6	(2.4)	19.3	(3.0)	24.9	(2.5)	19.7	(2.2)	16.0	(2.0)	6.2	(1.4)	1.3	(0.8)
	Jordan	6.3	(1.6)	22.0	(2.9)	38.5	(3.0)	26.4	(2.7)	6.6	(1.6)	0.3	c	0.0	c
	Kyrgyzstan	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Latvia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Liechtenstein	7.0	(3.2)	21.7	(5.5)	22.5	(4.9)	23.4	(5.7)	15.4	(5.0)	8.6	(3.4)	1.5	(1.5)
	Lithuania	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Macao-China	1.8	(0.8)	10.4	(1.4)	30.3	(2.9)	34.9	(3.3)	18.0	(2.3)	4.4	(1.1)	0.3	(0.2)
	Montenegro	11.2	(2.7)	28.0	(4.2)	30.8	(4.3)	22.1	(3.3)	7.8	(2.7)	0.1	c	0.0	c
	Qatar	22.4	(1.6)	30.6	(1.8)	23.5	(1.8)	14.0	(1.4)	7.6	(0.8)	1.7	(0.5)	0.1	(0.1)
	Romania	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Russian Federation	6.8	(2.1)	19.6	(3.3)	31.1	(3.3)	27.1	(4.1)	13.2	(3.1)	1.9	(1.8)	0.3	c
	Serbia	6.3	(2.5)	25.3	(4.1)	39.0	(3.1)	24.0	(4.0)	4.9	(1.9)	0.5	(0.5)	0.0	c
	Slovenia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Chinese Taipei	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Thailand	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Tunisia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Uruguay	c	c	c	c	c	c	c	c	c	c	c	c	c	c

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[Part 1/2]

Table 4.2c Percentage of students, performance on the science scale and difference in the PISA index of economic, social and cultural status (ESCS), by students' immigrant background[1]

Tableau 4.2c Pourcentage d'élèves, score sur l'échelle de culture scientifique et variation de l'indice de statut économique, social et culturel (SESC), selon l'ascendance autochtone ou allochtone

		Native students (born in the country of assessment with at least one of their parents born in the same country)				Second-generation students (born in the country of assessment but whose parents were born in another country)				First-generation students (born in another country and whose parents were born in another country)				Increased likelihood of first-generation students scoring in the bottom quarter of the science performance distribution	
				Performance on the science scale				Performance on the science scale				Performance on the science scale			
		% of students	S.E.	Mean score	S.E.	% of students	S.E.	Mean score	S.E.	% of students	S.E.	Mean score	S.E.	Ratio	S.E.
OECD	Australia	78.1	(1.2)	529	(2.0)	12.8	(0.7)	528	(5.7)	9.0	(0.6)	527	(5.7)	**1.1**	(0.1)
	Austria	86.8	(1.2)	523	(3.5)	5.3	(0.7)	431	(13.4)	7.9	(0.7)	435	(10.9)	**2.4**	(0.2)
	Belgium	86.7	(1.0)	523	(2.4)	7.0	(0.7)	443	(7.3)	6.3	(0.7)	430	(8.3)	**2.4**	(0.2)
	Canada	78.9	(1.2)	541	(1.8)	11.2	(0.7)	528	(4.8)	9.9	(0.7)	519	(5.2)	**1.4**	(0.1)
	Czech Republic	98.1	(0.2)	515	(3.5)	0.7	(0.1)	c	c	1.2	(0.2)	c	c	c	c
	Denmark	92.4	(0.8)	503	(2.9)	4.2	(0.6)	418	(11.0)	3.4	(0.4)	414	(8.0)	**2.5**	(0.2)
	Finland	98.5	(0.3)	566	(2.0)	0.2	c	c	c	1.3	(0.3)	c	c	c	c
	France	87.0	(1.0)	505	(3.5)	9.6	(0.9)	456	(10.4)	3.4	(0.3)	438	(10.1)	**1.8**	(0.2)
	Germany	85.8	(1.0)	532	(3.2)	7.7	(0.7)	439	(8.7)	6.6	(0.5)	455	(8.8)	**2.1**	(0.2)
	Greece	92.4	(0.7)	478	(3.2)	1.2	(0.2)	c	c	6.4	(0.7)	428	(10.3)	**1.9**	(0.2)
	Hungary	98.3	(0.3)	505	(2.7)	0.4	c	c	c	1.3	(0.2)	c	c	c	c
	Iceland	98.2	(0.2)	494	(1.7)	0.4	c	c	c	1.4	(0.2)	c	c	c	c
	Ireland	94.4	(0.5)	510	(3.0)	1.1	(0.1)	c	c	4.5	(0.5)	500	(14.6)	**1.3**	(0.2)
	Italy	96.2	(0.3)	479	(2.0)	0.7	(0.1)	c	c	3.1	(0.3)	418	(8.2)	**2.0**	(0.2)
	Japan	99.6	(0.1)	532	(3.4)	0.1	c	c	c	0.3	c	c	c	c	c
	Korea	100.0	(0.0)	523	(3.3)	0.0	c	c	c	a	a	a	a	a	a
	Luxembourg	63.9	(0.6)	511	(1.6)	19.5	(0.5)	445	(3.0)	16.6	(0.5)	445	(3.7)	**2.1**	(0.1)
	Mexico	97.6	(0.3)	415	(2.6)	0.6	(0.1)	c	c	1.9	(0.3)	c	c	c	c
	Netherlands	88.7	(1.1)	534	(2.3)	7.8	(0.8)	455	(11.2)	3.5	(0.4)	467	(10.2)	**2.0**	(0.2)
	New Zealand	78.7	(1.0)	536	(2.6)	6.9	(0.6)	508	(8.0)	14.3	(0.7)	526	(6.6)	**1.3**	(0.1)
	Norway	93.9	(0.7)	493	(2.5)	3.0	(0.5)	c	c	3.1	(0.3)	433	(11.2)	**2.1**	(0.2)
	Poland	99.8	(0.1)	499	(2.3)	0.1	c	c	c	0.1	c	c	c	c	c
	Portugal	94.1	(0.8)	479	(2.9)	2.4	(0.4)	c	c	3.5	(0.6)	412	(11.1)	**2.3**	(0.2)
	Slovak Republic	99.5	(0.1)	490	(2.6)	0.3	c	c	c	0.1	c	c	c	c	c
	Spain	93.1	(0.7)	494	(2.4)	0.8	(0.1)	c	c	6.1	(0.7)	428	(7.2)	**2.1**	(0.2)
	Sweden	89.2	(0.9)	512	(2.3)	6.2	(0.6)	464	(6.0)	4.7	(0.6)	434	(8.1)	**2.4**	(0.2)
	Switzerland	77.6	(0.7)	531	(2.9)	11.8	(0.5)	462	(4.8)	10.6	(0.4)	436	(6.9)	**2.7**	(0.1)
	Turkey	98.5	(0.4)	425	(3.8)	0.8	(0.3)	c	c	0.6	c	c	c	c	c
	United Kingdom	91.4	(0.9)	519	(2.0)	5.0	(0.6)	493	(8.9)	3.7	(0.5)	479	(14.7)	**1.6**	(0.2)
	United States	84.8	(1.2)	499	(4.3)	9.4	(0.9)	456	(6.7)	5.8	(0.5)	442	(7.9)	**1.7**	(0.2)
	OECD total	90.9	(0.4)	497	(1.2)	5.1	(0.3)	463	(3.5)	3.9	(0.1)	448	(3.0)	**1.7**	(0.1)
	OECD average	90.7	(0.1)	506	(0.5)	4.6	(0.1)	466	(2.2)	4.8	(0.1)	453	(2.1)	**2.0**	(0.0)
Partners	Argentina	97.3	(0.3)	393	(6.2)	1.6	(0.2)	c	c	1.1	(0.2)	c	c	c	c
	Azerbaijan	97.6	(0.5)	384	(2.8)	1.4	(0.4)	c	c	1.1	(0.1)	c	c	c	c
	Brazil	97.6	(0.2)	393	(2.8)	2.2	(0.2)	c	c	0.2	c	c	c	c	c
	Bulgaria	99.8	(0.1)	436	(6.1)	0.1	c	c	c	0.1	c	c	c	c	c
	Chile	99.4	(0.1)	440	(4.4)	0.2	c	c	c	0.4	c	c	c	c	c
	Colombia	99.6	(0.1)	391	(3.3)	0.2	c	c	c	0.1	c	c	c	c	c
	Croatia	88.0	(0.7)	497	(2.6)	4.8	(0.4)	481	(6.3)	7.2	(0.6)	475	(5.6)	**1.4**	(0.1)
	Estonia	88.4	(0.6)	537	(2.6)	10.5	(0.6)	505	(4.6)	1.1	(0.2)	c	c	c	c
	Hong Kong-China	56.2	(1.4)	547	(3.0)	24.6	(0.8)	551	(3.6)	19.2	(1.1)	521	(4.9)	**1.5**	(0.1)
	Indonesia	99.8	(0.1)	395	(5.7)	0.0	c	c	c	0.1	c	c	c	c	c
	Israel	77.0	(1.2)	462	(3.6)	11.5	(0.6)	445	(6.6)	11.5	(1.1)	468	(7.8)	**0.9**	(0.1)
	Jordan	83.2	(0.9)	422	(2.9)	10.4	(0.7)	445	(5.4)	6.4	(0.4)	451	(4.7)	**0.5**	(0.1)
	Kyrgyzstan	97.4	(0.4)	324	(2.8)	1.7	(0.3)	c	c	0.9	(0.2)	c	c	c	c
	Latvia	92.9	(0.6)	492	(3.0)	6.6	(0.6)	489	(6.1)	0.5	c	c	c	c	c
	Liechtenstein	63.2	(2.7)	540	(5.8)	13.1	(1.8)	510	(13.7)	23.6	(2.4)	483	(11.1)	**2.3**	(0.5)
	Lithuania	97.9	(0.4)	489	(2.9)	1.7	(0.3)	c	c	0.4	c	c	c	c	c
	Macao-China	26.4	(0.6)	504	(2.2)	57.8	(0.7)	519	(1.4)	15.8	(0.5)	500	(3.5)	**1.3**	(0.1)
	Montenegro	92.8	(0.5)	411	(1.2)	1.8	(0.2)	c	c	5.4	(0.4)	436	(6.6)	**0.7**	(0.1)
	Qatar	59.5	(0.5)	330	(1.1)	22.0	(0.6)	366	(2.3)	18.5	(0.5)	414	(3.1)	**0.4**	(0.1)
	Romania	99.9	(0.0)	418	(4.2)	a	a	a	a	0.1	c	c	c	c	c
	Russian Federation	91.3	(0.5)	481	(3.8)	4.0	(0.3)	468	(6.7)	4.8	(0.5)	467	(7.8)	**1.2**	(0.2)
	Serbia	91.0	(0.5)	436	(3.1)	3.2	(0.3)	444	(6.1)	5.9	(0.4)	444	(6.4)	**0.8**	(0.1)
	Slovenia	89.7	(0.5)	525	(1.2)	8.5	(0.4)	468	(5.5)	1.8	(0.2)	c	c	c	c
	Chinese Taipei	99.4	(0.1)	535	(3.5)	0.4	(0.1)	c	c	0.2	c	c	c	c	c
	Thailand	99.7	(0.1)	422	(2.1)	0.3	c	c	c	0.0	c	c	c	c	c
	Tunisia	99.2	(0.1)	387	(2.9)	0.5	c	c	c	0.3	c	c	c	c	c
	Uruguay	99.6	(0.1)	430	(2.7)	0.1	c	c	c	0.3	c	c	c	c	c

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 2/2]

Table 4.2c Percentage of students, performance on the science scale and difference in the PISA index of economic, social and cultural status (ESCS), by students' immigrant background[1]

Tableau 4.2c Pourcentage d'élèves, score sur l'échelle de culture scientifique et variation de l'indice de statut économique, social et culturel (SESC), selon l'ascendance autochtone ou allochtone

		Difference in science performance between second-generation and native students		Difference in science performance between first-generation and native students		Difference in science performance between first- and second-generation students		Difference in science performance between students with an immigrant background (first- and second-generation) and native students						Difference in the ESCS between students with an immigrant background (first- and second-generation) and native students	
								PISA 2006		PISA 2003		PISA 2000			
		Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	-2	(5.4)	-3	(5.6)	-1	(4.5)	-2	(5.0)	**-12**	(4.2)	-13	(7.7)	-0.02	(0.04)
	Austria	**-92**	(13.7)	**-89**	(11.1)	4	(10.3)	**-90**	(11.1)	**-76**	(5.8)	**-98**	(9.2)	**-0.60**	(0.09)
	Belgium	**-80**	(7.3)	**-93**	(8.5)	-13	(8.7)	**-86**	(6.5)	**-98**	(6.9)	**-105**	(8.6)	**-0.63**	(0.06)
	Canada	**-12**	(4.9)	**-22**	(5.3)	**-9**	(4.6)	c	c	**-18**	(4.6)	**-22**	(3.3)	-0.06	(0.04)
	Czech Republic	c	c	c	c	c	c	**-60**	(13.5)	c	c	c	c	c	c
	Denmark	**-85**	(10.8)	**-89**	(7.9)	-3	(11.4)	**-87**	(7.7)	**-73**	(9.6)	**-82**	(10.6)	**-0.90**	(0.07)
	Finland	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	France	**-48**	(10.9)	**-67**	(10.7)	-19	(13.0)	**-53**	(9.2)	**-64**	(8.8)	**-66**	(8.0)	**-0.58**	(0.07)
	Germany	**-93**	(7.9)	**-77**	(8.5)	16	(9.7)	**-85**	(6.7)	**-99**	(7.5)	**-93**	(7.1)	**-0.73**	(0.05)
	Greece	c	c	**-49**	(10.4)	c	c	**-44**	(9.6)	**-45**	(7.2)	**-66**	(17.4)	**-0.48**	(0.06)
	Hungary	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Iceland	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Ireland	c	c	-10	(14.0)	c	c	-11	(11.7)	-6	(10.6)	c	c	0.11	(0.08)
	Italy	c	c	**-61**	(8.3)	c	c	**-58**	(7.8)	c	c	c	c	**-0.45**	(0.05)
	Japan	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Korea	c	c	a	a	a	a	c	c	c	c	m	m	c	c
	Luxembourg	**-66**	(3.8)	**-67**	(4.3)	-1	(4.6)	**-67**	(3.3)	**-48**	(3.2)	m	m	**-0.92**	(0.03)
	Mexico	c	c	c	c	c	c	c	c	c	c	**-61**	(9.2)	c	c
	Netherlands	**-79**	(11.5)	**-68**	(9.9)	11	(11.4)	**-75**	(9.7)	**-75**	(8.9)	m	m	**-0.81**	(0.07)
	New Zealand	**-28**	(8.1)	-10	(6.8)	**18**	(8.7)	**-16**	(6.0)	**-26**	(6.2)	**-27**	(6.9)	0.02	(0.04)
	Norway	c	c	**-60**	(11.1)	c	c	**-59**	(8.5)	**-80**	(8.6)	**-65**	(8.3)	**-0.55**	(0.05)
	Poland	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Portugal	c	c	**-67**	(11.3)	c	c	**-55**	(10.8)	**-44**	(18.7)	**-31**	(11.0)	0.05	(0.14)
	Slovak Republic	c	c	c	c	c	c	c	c	c	c	a	a	c	c
	Spain	c	c	**-66**	(6.9)	c	c	**-60**	(6.9)	**-54**	(10.5)	c	c	**-0.29**	(0.08)
	Sweden	**-48**	(5.5)	**-78**	(7.7)	**-31**	(8.6)	**-61**	(5.1)	**-79**	(9.3)	**-58**	(6.6)	**-0.39**	(0.06)
	Switzerland	**-69**	(4.4)	**-95**	(6.1)	**-26**	(6.4)	**-81**	(4.2)	**-88**	(5.2)	**-85**	(5.9)	**-0.51**	(0.03)
	Turkey	c	c	c	c	c	c	c	c	c	c	a	a	c	c
	United Kingdom	**-26**	(8.8)	**-41**	(14.4)	-14	(15.2)	**-33**	(9.0)	m	m	m	m	**-0.22**	(0.07)
	United States	**-43**	(6.9)	**-57**	(8.0)	-14	(7.4)	**-48**	(6.4)	**-34**	(7.2)	**-39**	(15.3)	**-0.63**	(0.08)
	OECD total	**-34**	(3.6)	**-48**	(3.2)	**-15**	(3.8)							**-0.27**	(0.04)
	OECD average	**-55**	(2.2)	**-58**	(2.1)	**-6**	(2.5)	**-57**	(1.9)	**-57**	(2.0)	**-61**	(2.5)	**-0.43**	(0.02)
Partners	Argentina	c	c	c	c	c	c	c	c	a	a	**c**	c	c	c
	Azerbaijan	c	c	c	c	c	c	c	c	a	a	a	a	c	c
	Brazil	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Bulgaria	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Chile	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Colombia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Croatia	**-16**	(6.4)	**-22**	(5.7)	-6	(8.3)	**-19**	(4.4)	a	a	a	a	**-0.36**	(0.04)
	Estonia	**-32**	(4.8)	c	c	c	c	**-33**	(4.9)	a	a	a	a	-0.06	(0.05)
	Hong Kong-China	4	(4.1)	**-26**	(5.6)	**-30**	(5.2)	**-9**	(4.1)	**-10**	(3.5)	-7	(4.6)	**-0.63**	(0.04)
	Indonesia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Israel	**-17**	(5.7)	6	(7.6)	**23**	(8.4)	-6	(5.4)	a	a	5	(11.0)	**-0.25**	(0.04)
	Jordan	**24**	(5.3)	**29**	(5.3)	5	(5.7)	**26**	(4.5)	a	a	a	a	**0.35**	(0.06)
	Kyrgyzstan	c	c	c	c	c	c	c	c	a	a	a	a	c	c
	Latvia	-3	(6.2)	c	c	c	c	-3	(6.2)	1	(7.2)	-16	(8.8)	0.10	(0.06)
	Liechtenstein	-30	(16.5)	**-57**	(13.3)	-27	(18.2)	**-47**	(11.7)	**-54**	(19.1)	**-75**	(18.9)	**-0.27**	(0.10)
	Lithuania	c	c	c	c	c	c	c	c	a	a	a	a	c	c
	Macao-China	**15**	(2.6)	-4	(4.2)	**-19**	(3.9)	**11**	(2.6)	-1	(8.2)	a	a	**-0.44**	(0.02)
	Montenegro	c	c	**24**	(6.8)	c	c	**17**	(5.9)	a	a	a	a	**0.18**	(0.06)
	Qatar	**36**	(2.6)	**84**	(3.6)	**48**	(3.8)	**58**	(2.4)	a	a	a	a	**-0.05**	(0.02)
	Romania	a	a	c	c	a	a	c	c	c	c	c	c	c	c
	Russian Federation	-13	(7.1)	-14	(8.0)	-1	(9.4)	**-14**	(6.0)	**-22**	(4.6)	1	(10.0)	-0.05	(0.06)
	Serbia	8	(6.2)	9	(6.3)	0	(8.7)	9	(4.7)	a	a	a	a	-0.06	(0.05)
	Slovenia	**-57**	(5.9)	c	c	c	c	**-56**	(5.5)	a	a	a	a	**-0.61**	(0.04)
	Chinese Taipei	c	c	c	c	c	c	c	c	a	a	a	a	c	c
	Thailand	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Tunisia	c	c	c	c	c	c	c	c	-19	(33.5)	a	a	c	c
	Uruguay	c	c	c	c	c	c	c	c	c	c	a	a	c	c

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 1/1]

Table 4.2d Differences in student performance in reading, by immigrant status

Tableau 4.2d Variation de la performance des élèves en compréhension de l'écrit selon l'ascendance autochtone ou allochtone

		Performance on the reading scale						Difference in reading performance					
		Native students		Second-generation students		First-generation students		Second-generation students minus native students		First-generation students minus native students		First-generation students minus second-generation students	
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Difference	S.E.	Difference	S.E.	Difference	S.E.
OECD	Australia	514	(1.9)	521	(4.9)	514	(5.3)	7	(4.6)	1	(5.2)	-7	(4.1)
	Austria	499	(3.4)	420	(18.8)	451	(12.6)	**-79**	(18.8)	**-48**	(12.6)	**31**	(14.9)
	Belgium	515	(2.9)	434	(9.1)	413	(8.2)	**-81**	(8.8)	**-101**	(8.1)	-21	(11.8)
	Canada	532	(2.2)	532	(4.7)	512	(5.5)	0	(4.5)	**-19**	(5.2)	**-20**	(4.9)
	Czech Republic	486	(4.1)	c	c	c	c	c	c	c	c	c	c
	Denmark	500	(2.9)	436	(11.3)	422	(8.6)	**-64**	(10.8)	**-79**	(8.2)	-14	(11.8)
	Finland	549	(2.1)	c	c	c	c	c	c	c	c	c	c
	France	495	(4.4)	459	(8.7)	449	(12.6)	**-36**	(9.8)	**-45**	(13.2)	-9	(14.8)
	Germany	510	(3.8)	427	(10.8)	440	(11.3)	**-83**	(10.1)	**-70**	(10.3)	12	(13.7)
	Greece	464	(4.1)	c	c	427	(9.9)	c	c	**-37**	(10.4)	c	c
	Hungary	483	(3.3)	c	c	c	c	c	c	c	c	c	c
	Iceland	489	(2.0)	c	c	c	c	c	c	c	c	c	c
	Ireland	520	(3.4)	c	c	506	(15.5)	c	c	-14	(15.3)	c	c
	Italy	473	(2.4)	c	c	404	(9.4)	c	c	**-69**	(9.2)	c	c
	Japan	498	(3.6)	c	c	c	c	c	c	c	c	c	c
	Korea	557	(3.8)	c	c	a	a	c	c	a	a	a	a
	Luxembourg	504	(1.7)	443	(3.3)	435	(3.9)	**-61**	(3.9)	**-69**	(4.4)	-7	(4.9)
	Mexico	417	(3.0)	c	c	c	c	c	c	c	c	c	c
	Netherlands	515	(2.7)	454	(11.3)	449	(11.1)	**-61**	(11.8)	**-65**	(10.5)	-5	(13.7)
	New Zealand	526	(3.0)	519	(8.2)	507	(6.3)	-7	(8.3)	**-19**	(6.3)	-13	(8.5)
	Norway	491	(2.8)	c	c	427	(12.2)	c	c	**-63**	(12.3)	c	c
	Poland	509	(2.8)	c	c	c	c	c	c	c	c	c	c
	Portugal	477	(3.5)	c	c	408	(13.6)	c	c	**-69**	(14.2)	c	c
	Slovak Republic	468	(3.0)	c	c	c	c	c	c	c	c	c	c
	Spain	465	(2.2)	c	c	410	(7.1)	c	c	**-55**	(7.0)	c	c
	Sweden	514	(3.6)	486	(6.5)	446	(8.7)	**-29**	(6.2)	**-68**	(8.6)	**-40**	(10.0)
	Switzerland	515	(2.8)	467	(4.6)	430	(6.6)	**-48**	(4.1)	**-85**	(5.6)	**-37**	(6.3)
	Turkey	448	(4.2)	c	c	c	c	c	c	c	c	c	c
	United Kingdom	499	(1.9)	492	(10.3)	455	(14.2)	-7	(10.2)	**-44**	(13.9)	**-37**	(13.4)
	United States	m	m	m	m	m	m	m	m	m	m	m	m
	OECD total	488	(1.0)	467	(3.7)	443	(3.5)	**-22**	(3.8)	**-46**	(3.3)	**-24**	(4.1)
	OECD average	498	(0.6)	457	(3.2)	448	(2.3)	**-42**	(2.6)	**-54**	(2.3)	**-13**	(3.0)
Partners	Argentina	377	(7.3)	c	c	c	c	c	c	c	c	c	c
	Azerbaijan	355	(3.2)	c	c	c	c	c	c	c	c	c	c
	Brazil	396	(3.8)	c	c	c	c	c	c	c	c	c	c
	Bulgaria	405	(6.8)	c	c	c	c	c	c	c	c	c	c
	Chile	444	(5.1)	c	c	c	c	c	c	c	c	c	c
	Colombia	388	(5.0)	c	c	c	c	c	c	c	c	c	c
	Croatia	481	(2.9)	464	(5.9)	464	(5.1)	**-16**	(6.1)	**-16**	(5.5)	0	(7.8)
	Estonia	508	(2.8)	463	(5.7)	c	c	**-45**	(5.5)	**-87**	(14.9)	**-42**	(13.7)
	Hong Kong-China	539	(2.8)	547	(3.2)	516	(4.5)	**8**	(3.7)	**-23**	(4.9)	**-31**	(4.9)
	Indonesia	394	(5.9)	c	c	c	c	c	c	c	c	c	c
	Israel	447	(4.4)	439	(8.3)	447	(8.6)	-7	(7.2)	1	(8.5)	8	(10.1)
	Jordan	400	(3.2)	425	(6.3)	435	(6.1)	**25**	(6.2)	**35**	(6.2)	9	(7.4)
	Kyrgyzstan	287	(3.3)	c	c	c	c	c	c	c	c	c	c
	Latvia	483	(3.8)	464	(6.9)	c	c	**-19**	(7.0)	c	c	c	c
	Liechtenstein	530	(5.7)	508	(12.4)	463	(10.8)	-21	(14.7)	**-67**	(13.1)	**-46**	(18.0)
	Lithuania	472	(3.1)	c	c	c	c	c	c	c	c	c	c
	Macao-China	484	(2.4)	498	(1.6)	492	(3.2)	**14**	(3.1)	**8**	(3.9)	-6	(3.7)
	Montenegro	392	(1.3)	c	c	413	(7.0)	c	c	**21**	(7.1)	c	c
	Qatar	291	(1.5)	330	(3.1)	391	(3.4)	**38**	(3.4)	**99**	(3.9)	**61**	(4.7)
	Romania	396	(4.7)	a	a	c	c	a	a	c	c	a	a
	Russian Federation	441	(4.5)	432	(7.3)	438	(8.0)	-10	(7.7)	-4	(8.3)	6	(9.6)
	Serbia	401	(3.4)	412	(8.1)	413	(8.0)	11	(8.1)	12	(7.7)	1	(9.8)
	Slovenia	499	(1.1)	467	(4.5)	c	c	**-31**	(4.8)	c	c	c	c
	Chinese Taipei	498	(3.2)	c	c	c	c	c	c	c	c	c	c
	Thailand	418	(2.6)	c	c	c	c	c	c	c	c	c	c
	Tunisia	382	(4.0)	c	c	c	c	c	c	c	c	c	c
	Uruguay	416	(3.5)	c	c	c	c	c	c	c	c	c	c

Note: Values that are statistically significant are indicated in bold (see Annex A3).

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[Part 1/1]

Table 4.2e Differences in student performance in mathematics, by immigrant status

Tableau 4.2e Variation de la performance des élèves en mathématiques selon l'ascendance autochtone ou allochtone

		Performance on the mathematics scale						Difference in mathematics performance					
		Native students		Second-generation students		First-generation students		Second-generation students minus native students		First-generation students minus native students		First-generation students minus second-generation students	
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Difference	S.E.	Difference	S.E.	Difference	S.E.
OECD	Australia	519	(1.9)	531	(5.5)	530	(5.6)	**12**	(5.1)	**11**	(5.3)	-1	(4.0)
	Austria	515	(3.6)	435	(13.6)	450	(8.7)	**-81**	(13.8)	**-65**	(9.0)	16	(11.4)
	Belgium	535	(2.7)	451	(10.0)	423	(8.3)	**-84**	(9.4)	**-112**	(8.5)	**-29**	(11.2)
	Canada	531	(1.8)	524	(4.4)	524	(5.4)	-8	(4.5)	-7	(5.5)	0	(5.0)
	Czech Republic	512	(3.6)	c	c	c	c	c	c	c	c	c	c
	Denmark	519	(2.5)	456	(8.8)	439	(7.6)	**-63**	(8.4)	**-80**	(7.6)	-17	(10.5)
	Finland	550	(2.2)	c	c	c	c	c	c	c	c	c	c
	France	504	(3.3)	458	(9.8)	442	(12.2)	**-47**	(10.3)	**-62**	(12.4)	-15	(13.8)
	Germany	519	(3.4)	441	(8.4)	454	(7.9)	**-78**	(7.7)	**-65**	(7.5)	13	(9.0)
	Greece	463	(3.0)	c	c	418	(8.1)	c	c	**-45**	(8.5)	c	c
	Hungary	492	(2.9)	c	c	c	c	c	c	c	c	c	c
	Iceland	509	(1.8)	c	c	c	c	c	c	c	c	c	c
	Ireland	504	(2.7)	c	c	485	(12.0)	c	c	-19	(11.8)	c	c
	Italy	465	(2.2)	c	c	421	(7.5)	c	c	**-44**	(7.6)	c	c
	Japan	523	(3.3)	c	c	c	c	c	c	c	c	c	c
	Korea	549	(3.7)	c	c	a	a	c	c	a	a	a	a
	Luxembourg	509	(1.5)	464	(2.7)	454	(3.8)	**-46**	(3.4)	**-55**	(4.2)	**-10**	(4.5)
	Mexico	411	(2.7)	c	c	c	c	c	c	c	c	c	c
	Netherlands	539	(2.3)	472	(9.8)	481	(8.6)	**-66**	(10.0)	**-58**	(8.3)	9	(9.7)
	New Zealand	524	(2.5)	511	(6.9)	530	(5.3)	-13	(6.9)	6	(5.7)	**19**	(7.8)
	Norway	495	(2.4)	c	c	437	(9.9)	c	c	**-58**	(9.8)	c	c
	Poland	497	(2.4)	c	c	c	c	c	c	c	c	c	c
	Portugal	470	(2.9)	c	c	411	(11.0)	c	c	**-59**	(11.4)	c	c
	Slovak Republic	493	(2.8)	c	c	c	c	c	c	c	c	c	c
	Spain	485	(2.2)	c	c	426	(6.9)	c	c	**-59**	(6.8)	c	c
	Sweden	510	(2.4)	467	(7.1)	446	(7.2)	**-42**	(6.7)	**-64**	(7.2)	**-21**	(8.0)
	Switzerland	547	(2.9)	485	(4.8)	459	(6.5)	**-62**	(4.2)	**-88**	(5.8)	**-26**	(6.0)
	Turkey	425	(4.9)	c	c	c	c	c	c	c	c	c	c
	United Kingdom	499	(2.0)	474	(7.9)	474	(10.9)	**-25**	(7.7)	**-25**	(10.7)	0	(11.5)
	United States	481	(4.1)	458	(5.8)	444	(7.4)	**-23**	(6.0)	**-37**	(7.2)	-14	(5.9)
	OECD total	489	(1.1)	464	(3.1)	451	(3.0)	**-25**	(3.3)	**-38**	(3.0)	**-13**	(3.2)
	OECD average	503	(0.5)	473	(2.1)	457	(1.9)	**-45**	(2.1)	**-49**	(1.9)	**-5**	(2.4)
Partners	Argentina	383	(6.3)	c	c	c	c	c	c	c	c	c	c
	Azerbaijan	477	(2.3)	c	c	c	c	c	c	c	c	c	c
	Brazil	372	(3.0)	c	c	c	c	c	c	c	c	c	c
	Bulgaria	415	(6.1)	c	c	c	c	c	c	c	c	c	c
	Chile	412	(4.6)	c	c	c	c	c	c	c	c	c	c
	Colombia	373	(3.7)	c	c	c	c	c	c	c	c	c	c
	Croatia	470	(2.5)	464	(6.3)	451	(4.9)	-6	(6.2)	**-19**	(5.1)	-13	(8.2)
	Estonia	519	(2.7)	496	(5.2)	c	c	**-23**	(4.9)	c	c	c	c
	Hong Kong-China	554	(3.1)	555	(3.9)	521	(4.8)	1	(4.2)	**-32**	(5.4)	**-34**	(5.2)
	Indonesia	393	(5.6)	c	c	c	c	c	c	c	c	c	c
	Israel	448	(4.2)	438	(7.5)	457	(7.5)	-10	(6.4)	9	(7.4)	**19**	(8.7)
	Jordan	383	(3.3)	407	(5.7)	413	(5.3)	**24**	(5.5)	**30**	(5.6)	6	(6.5)
	Kyrgyzstan	312	(3.2)	c	c	c	c	c	c	c	c	c	c
	Latvia	488	(3.1)	489	(5.6)	c	c	1	(5.8)	c	c	c	c
	Liechtenstein	541	(6.1)	516	(13.2)	489	(10.9)	-25	(16.5)	**-52**	(12.7)	-27	(17.7)
	Lithuania	488	(3.0)	c	c	c	c	c	c	c	c	c	c
	Macao-China	519	(2.5)	531	(1.7)	520	(3.4)	**12**	(2.9)	1	(4.4)	**-11**	(3.9)
	Montenegro	400	(1.4)	c	c	420	(7.3)	c	c	**20**	(7.4)	c	c
	Qatar	299	(1.4)	336	(2.7)	380	(2.9)	**37**	(2.9)	**81**	(3.4)	**44**	(4.2)
	Romania	415	(4.2)	a	a	c	c	a	a	c	c	a	a
	Russian Federation	478	(4.1)	447	(7.2)	464	(7.9)	**-31**	(8.6)	-14	(8.1)	17	(9.4)
	Serbia	435	(3.5)	457	(7.6)	447	(7.2)	**22**	(7.3)	11	(6.9)	-11	(8.8)
	Slovenia	509	(1.1)	474	(5.3)	c	c	**-36**	(5.6)	c	c	c	c
	Chinese Taipei	552	(3.9)	c	c	c	c	c	c	c	c	c	c
	Thailand	419	(2.3)	c	c	c	c	c	c	c	c	c	c
	Tunisia	367	(4.0)	c	c	c	c	c	c	c	c	c	c
	Uruguay	429	(2.7)	c	c	c	c	c	c	c	c	c	c

Note: Values that are statistically significant are indicated in bold (see Annex A3).

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[Part 1/2]

Table 4.3a Percentage of students and performance on the science scale, by language spoken at home[1]

Tableau 4.3a Pourcentage d'élèves et score sur l'échelle de culture scientifique selon la langue parlée en famille

		Language spoken at home most of the time is DIFFERENT from the language of assessment, from other official languages or from other national dialects				Language spoken at home most of the time is the SAME as the language of assessment, other official languages or another national dialects			
				Performance on the science scale				Performance on the science scale	
		Percentage of students	S.E.	Mean score	S.E.	Percentage of students	S.E.	Mean score	S.E.
OECD	Australia	8.0	(0.7)	511	(7.6)	92.0	(0.7)	530	(2.0)
	Austria	10.0	(1.1)	429	(13.4)	90.0	(1.1)	523	(3.4)
	Belgium	5.7	(0.5)	425	(8.0)	94.3	(0.5)	522	(2.2)
	Canada	10.6	(0.7)	517	(5.4)	89.4	(0.7)	540	(1.8)
	Czech Republic	0.8	(0.2)	c	c	99.2	(0.2)	515	(3.5)
	Denmark	4.5	(0.5)	415	(8.7)	95.5	(0.5)	502	(3.0)
	Finland	1.3	(0.2)	c	c	98.7	(0.2)	565	(2.0)
	France	5.4	(0.5)	457	(9.0)	94.6	(0.5)	500	(3.4)
	Germany	9.0	(0.7)	441	(8.7)	91.0	(0.7)	532	(3.2)
	Greece	3.9	(0.5)	398	(11.1)	96.1	(0.5)	477	(3.1)
	Hungary	0.8	(0.2)	c	c	99.2	(0.2)	505	(2.7)
	Iceland	2.2	(0.3)	c	c	97.8	(0.3)	494	(1.7)
	Ireland	2.0	(0.3)	c	c	98.0	(0.3)	511	(3.1)
	Italy	2.9	(0.3)	c	c	97.1	(0.3)	485	(2.0)
	Japan	0.3	c	c	c	99.7	(0.1)	534	(3.3)
	Korea	0.1	c	c	c	99.9	(0.0)	523	(3.4)
	Luxembourg	23.7	(0.6)	430	(3.0)	76.3	(0.6)	514	(1.4)
	Mexico	0.2	(0.1)	c	c	99.8	(0.1)	410	(2.7)
	Netherlands	5.9	(0.7)	449	(11.0)	94.1	(0.7)	531	(2.2)
	New Zealand	8.7	(0.6)	498	(8.2)	91.3	(0.6)	538	(2.4)
	Norway	4.7	(0.5)	442	(10.3)	95.3	(0.5)	492	(2.5)
	Poland	0.4	c	c	c	99.6	(0.2)	498	(2.3)
	Portugal	2.3	(0.4)	c	c	97.7	(0.4)	477	(2.9)
	Slovak Republic	0.4	c	c	c	99.6	(0.1)	489	(2.6)
	Spain	2.6	(0.3)	c	c	97.4	(0.3)	491	(2.5)
	Sweden	7.8	(0.7)	444	(5.9)	92.2	(0.7)	511	(2.2)
	Switzerland	12.9	(0.6)	438	(5.4)	87.1	(0.6)	528	(2.9)
	Turkey	2.4	(0.4)	c	c	97.6	(0.4)	425	(3.9)
	United Kingdom	3.8	(0.6)	464	(14.8)	96.2	(0.6)	519	(2.0)
	United States	10.7	(1.0)	434	(6.4)	89.3	(1.0)	498	(4.3)
	OECD total	5.5	(0.3)	444	(3.5)	94.5	(0.3)	496	(1.2)
	OECD average	5.1	(0.1)	448	(3.0)	94.9	(0.1)	506	(0.5)
Partners	Argentina	0.5	c	c	c	99.5	(0.2)	392	(6.1)
	Azerbaijan	2.2	(0.7)	c	c	97.8	(0.7)	383	(2.8)
	Brazil	0.3	(0.1)	c	c	99.7	(0.1)	390	(2.8)
	Bulgaria	4.7	(0.9)	346	(9.1)	95.3	(0.9)	440	(5.8)
	Chile	0.2	c	c	c	99.8	(0.1)	438	(4.5)
	Colombia	0.5	c	c	c	99.5	(0.2)	388	(3.4)
	Croatia	0.4	c	c	c	99.6	(0.1)	494	(2.4)
	Estonia	0.5	c	c	c	99.5	(0.1)	533	(2.5)
	Hong Kong-China	2.7	(0.7)	c	c	97.3	(0.7)	546	(2.4)
	Indonesia	1.5	(0.3)	c	c	98.5	(0.3)	394	(5.6)
	Israel	11.4	(1.1)	457	(7.9)	88.6	(1.1)	460	(3.7)
	Jordan	2.9	(0.3)	c	c	97.1	(0.3)	425	(2.7)
	Kyrgyzstan	1.2	(0.3)	c	c	98.8	(0.3)	323	(2.9)
	Latvia	0.5	c	c	c	99.5	(0.1)	491	(2.9)
	Liechtenstein	12.2	(1.6)	434	(17.4)	87.8	(1.6)	536	(4.7)
	Lithuania	0.1	c	c	c	99.9	(0.0)	489	(2.8)
	Macao-China	3.9	(0.3)	480	(8.9)	96.1	(0.3)	513	(1.1)
	Montenegro	2.4	(0.2)	403	(8.2)	97.6	(0.2)	413	(1.3)
	Qatar	4.1	(0.2)	398	(6.6)	95.9	(0.2)	350	(1.0)
	Romania	0.6	c	c	c	99.4	(0.2)	419	(4.2)
	Russian Federation	9.5	(2.0)	427	(6.8)	90.5	(2.0)	485	(3.4)
	Serbia	0.5	c	c	c	99.5	(0.1)	436	(3.0)
	Slovenia	5.6	(0.4)	450	(6.7)	94.4	(0.4)	525	(1.1)
	Chinese Taipei	0.6	(0.1)	c	c	99.4	(0.1)	536	(3.4)
	Thailand	1.6	(0.2)	c	c	98.4	(0.2)	422	(2.1)
	Tunisia	4.7	(0.5)	390	(8.7)	95.3	(0.5)	385	(2.8)
	Uruguay	1.4	(0.3)	c	c	98.6	(0.3)	430	(2.7)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 2/2]

Table 4.3a Percentage of students and performance on the science scale, by language spoken at home[1]

Tableau 4.3a Pourcentage d'élèves et score sur l'échelle de culture scientifique selon la langue parlée en famille

		Difference in science performance between students who do not speak the language of assessment at home and students who speak the language of assessment at home						Increased likelihood of students who do not speak the language of assessment at home scoring in the bottom quarter of the science performance distribution		Effect size (language spoken at home is different from the language of assessment minus the same language)	
		PISA 2006		PISA 2003		PISA 2000					
		Difference	S.E.	Difference	S.E.	Difference	S.E.	Ratio	S.E.	Effect size	S.E.
OECD	Australia	**-19**	(7.0)	**-24**	(6.0)	**-38**	(9.1)	**1.4**	(0.10)	**-0.19**	(0.09)
	Austria	**-94**	(13.6)	**-74**	(7.5)	**-95**	(10.5)	**2.8**	(0.30)	**-0.98**	(0.41)
	Belgium	**-97**	(7.7)	**-95**	(9.3)	**-126**	(9.5)	**2.6**	(0.19)	**-1.00**	(0.39)
	Canada	**-23**	(5.1)	**-35**	(5.0)	**-36**	(4.4)	**1.4**	(0.10)	**-0.24**	(0.10)
	Czech Republic	c	c	c	c	c	c	c	c	c	c
	Denmark	**-87**	(8.2)	**-36**	(13.9)	**-83**	(11.3)	**2.5**	(0.23)	**-0.96**	(0.36)
	Finland	c	c	c	c	**-67**	(18.6)	c	c	c	c
	France	**-43**	(9.3)	**-78**	(11.8)	**-75**	(10.2)	**1.7**	(0.21)	**-0.42**	(0.18)
	Germany	**-90**	(7.9)	**-108**	(7.0)	**-113**	(11.3)	**2.5**	(0.19)	**-0.95**	(0.37)
	Greece	**-79**	(10.6)	**-57**	(10.4)	c	c	**2.3**	(0.24)	**-0.86**	(0.35)
	Hungary	c	c	-40	(22.8)	m	m	c	c	c	c
	Iceland	c	c	c	c	c	c	c	c	c	c
	Ireland	c	c	c	c	c	c	c	c	c	c
	Italy	c	c	**-65**	(19.4)	18	(27.0)	c	c	c	c
	Japan	c	c	c	c	c	c	c	c	c	c
	Korea	c	c	c	c	m	m	c	c	c	c
	Luxembourg	**-84**	(3.5)	**-53**	(3.7)	m	m	**3.3**	(0.21)	**-0.95**	(0.36)
	Mexico	c	c	**-67**	(25.2)	c	c	c	c	c	c
	Netherlands	**-82**	(10.5)	**-84**	(9.9)	m	m	**2.4**	(0.26)	**-0.86**	(0.34)
	New Zealand	**-40**	(7.8)	**-45**	(7.1)	**-66**	(9.8)	**1.8**	(0.15)	**-0.35**	(0.16)
	Norway	**-50**	(9.3)	**-75**	(10.2)	**-57**	(9.7)	**1.9**	(0.18)	**-0.50**	(0.22)
	Poland	c	c	c	c	c	c	c	c	c	c
	Portugal	c	c	c	c	c	c	c	c	c	c
	Slovak Republic	c	c	**-157**	(41.1)	a	a	c	c	c	c
	Spain	c	c	-16	(19.9)	**-51**	(23.3)	c	c	c	c
	Sweden	**-67**	(5.6)	**-79**	(10.6)	**-69**	(9.4)	**2.2**	(0.16)	**-0.72**	(0.27)
	Switzerland	**-90**	(4.4)	**-91**	(6.9)	**-90**	(6.2)	**2.8**	(0.13)	**-0.94**	(0.38)
	Turkey	c	c	c	c	a	a	c	c	c	c
	United Kingdom	**-54**	(14.4)	m	m	m	m	**1.8**	(0.24)	**-0.49**	(0.22)
	United States	**-64**	(6.8)	**-52**	(6.9)	**-68**	(13.7)	**2.0**	(0.17)	**-0.64**	(0.22)
	OECD total	**-52**	(3.7)	**-55**	(4.0)	**-63**	(8.9)	**1.8**	(0.08)	**-0.51**	(0.19)
	OECD average	**-59**	(2.6)	**-63**	(3.9)	**-57**	(4.2)	**2.0**	(0.07)	**-0.60**	(0.06)
Partners	Argentina	c	c	a	a	c	c	c	c	c	c
	Azerbaijan	c	c	a	a	a	a	c	c	c	c
	Brazil	c	c	c	c	c	c	c	c	c	c
	Bulgaria	**-94**	(9.2)	a	a	**-97**	(16.9)	**2.5**	(0.26)	**-1.00**	(0.31)
	Chile	c	c	a	a	c	c	c	c	c	c
	Colombia	c	c	a	a	a	a	c	c	c	c
	Croatia	c	c	a	a	a	a	c	c	c	c
	Estonia	c	c	a	a	a	a	c	c	c	c
	Hong Kong-China	c	c	**-60**	(8.4)	**-61**	(8.9)	c	c	c	c
	Indonesia	c	c	-9	(12.4)	-16	(13.5)	c	c	c	c
	Israel	4	(7.8)	a	a	a	a	1.1	(0.13)	-0.03	(0.06)
	Jordan	c	c	a	a	a	a	c	c	c	c
	Kyrgyzstan	c	c	a	a	a	a	c	c	c	c
	Latvia	c	c	-4	(23.6)	**-162**	(71.8)	c	c	c	c
	Liechtenstein	**-102**	(18.3)	**-52**	(14.2)	**-55**	(20.1)	**3.2**	(0.59)	**-1.09**	(0.47)
	Lithuania	c	c	a	a	a	a	c	c	c	c
	Macao-China	**-33**	(9.1)	**-55**	(14.9)	a	a	**1.6**	(0.23)	**-0.41**	(0.18)
	Montenegro	c	c	a	a	a	a	c	c	c	c
	Qatar	**48**	(6.8)	a	a	a	a	0.8	(0.12)	**0.47**	(0.23)
	Romania	c	c	a	a	c	c	c	c	c	c
	Russian Federation	**-58**	(7.1)	**-60**	(10.3)	**-26**	(11.0)	**1.9**	(0.20)	**-0.68**	(0.24)
	Serbia	c	c	a	a	a	a	c	c	c	c
	Slovenia	**-75**	(6.8)	a	a	a	a	**2.3**	(0.18)	**-0.81**	(0.28)
	Chinese Taipei	c	c	a	a	a	a	c	c	c	c
	Thailand	c	c	**-36**	(14.5)	**-50**	(23.2)	c	c	c	c
	Tunisia	5	(7.7)	13	(26.4)	a	a	1.0	(0.16)	0.05	(0.08)
	Uruguay	c	c	c	c	a	a	c	c	c	c

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 1/1]

Table 4.3b Performance of students on the reading and mathematics scales, by language spoken at home[1]

Tableau 4.3b Scores des élèves sur les échelles de compréhension de l'écrit et de culture mathématique selon la langue parlée en famille

		Language spoken at home most of the time is DIFFERENT from the language of assessment, from other official languages or from other national dialects				Language spoken at home most of the time is THE SAME as the language of assessment, other official languages or another national dialect				Difference of performance between students with an immigrant background who speak a language at home that is different from the language of instruction and native students			
		Reading		Mathematics		Reading		Mathematics		Reading		Mathematics	
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	495	(7.1)	523	(7.7)	516	(1.8)	521	(2.0)	-10	(6.8)	11	(7.3)
	Austria	436	(17.7)	442	(12.8)	500	(3.4)	515	(3.5)	**-63**	(16.9)	**-74**	(12.4)
	Belgium	491	(7.5)	515	(6.7)	512	(2.7)	530	(2.6)	**-114**	(9.2)	**-103**	(10.2)
	Canada	504	(4.6)	522	(4.3)	534	(2.2)	531	(1.8)	**-21**	(5.4)	-4	(5.4)
	Czech Republic	c	c	c	c	487	(4.0)	513	(3.6)	c	c	c	c
	Denmark	422	(9.0)	440	(7.0)	501	(3.0)	519	(2.6)	**-84**	(8.5)	**-85**	(7.4)
	Finland	c	c	c	c	548	(2.1)	550	(2.2)	c	c	c	c
	France	444	(9.2)	441	(10.1)	493	(4.2)	502	(3.2)	**-41**	(10.9)	**-61**	(11.6)
	Germany	423	(9.7)	438	(8.4)	511	(3.8)	519	(3.3)	**-93**	(8.9)	**-85**	(7.2)
	Greece	392	(13.2)	408	(9.7)	463	(4.0)	462	(2.9)	**-57**	(11.2)	**-63**	(8.7)
	Hungary	c	c	c	c	484	(3.3)	492	(2.9)	c	c	c	c
	Iceland	c	c	c	c	489	(1.9)	508	(1.8)	c	c	c	c
	Ireland	c	c	c	c	521	(3.3)	504	(2.7)	c	c	c	c
	Italy	c	c	c	c	484	(2.4)	473	(2.4)	c	c	c	c
	Japan	c	c	c	c	500	(3.6)	526	(3.3)	c	c	c	c
	Korea	c	c	c	c	557	(3.8)	548	(3.8)	a	a	a	a
	Luxembourg	485	(1.6)	494	(1.3)	511	(4.9)	525	(4.7)	**-79**	(3.7)	**-63**	(3.4)
	Mexico	c	c	c	c	414	(2.7)	408	(2.8)	c	c	c	c
	Netherlands	438	(12.3)	472	(10.3)	512	(2.4)	536	(2.2)	**-76**	(12.9)	**-67**	(11.0)
	New Zealand	485	(7.8)	522	(6.7)	529	(2.7)	526	(2.3)	**-41**	(8.4)	-2	(7.7)
	Norway	429	(9.4)	448	(7.5)	491	(2.8)	495	(2.4)	**-57**	(11.0)	**-53**	(9.7)
	Poland	c	c	c	c	508	(2.7)	496	(2.4)	c	c	c	c
	Portugal	416	(17.3)	445	(15.3)	475	(3.6)	468	(3.0)	c	c	c	c
	Slovak Republic	c	c	c	c	475	(3.4)	501	(3.2)	c	c	c	c
	Spain	c	c	c	c	464	(2.4)	483	(2.5)	c	c	c	c
	Sweden	c	c	c	c	515	(3.3)	509	(2.2)	**-52**	(7.0)	**-54**	(6.9)
	Switzerland	442	(5.3)	473	(5.5)	515	(2.8)	546	(2.9)	**-81**	(4.1)	**-84**	(4.4)
	Turkey	c	c	c	c	448	(4.3)	425	(5.0)	c	c	c	c
	United Kingdom	450	(12.8)	458	(9.8)	499	(2.0)	499	(2.0)	**-43**	(15.5)	**-34**	(11.1)
	United States	m	m	440	(5.9)	m	m	480	(4.2)	m	m	**-38**	(6.5)
	OECD total	439	(4.3)	447	(2.3)	489	(1.0)	488	(1.2)	**-42**	(3.8)	**-38**	(3.5)
	OECD average	450	(2.7)	467	(2.2)	498	(0.6)	504	(0.5)	**-61**	(2.6)	**-54**	(2.1)
Partners	Argentina	c	c	c	c	376	(7.2)	382	(6.3)	c	c	c	c
	Azerbaijan	c	c	c	c	351	(3.1)	475	(2.3)	c	c	c	c
	Brazil	c	c	c	c	393	(3.8)	370	(3.0)	c	c	c	c
	Bulgaria	319	(10.7)	343	(8.9)	414	(6.4)	423	(5.9)	c	c	c	c
	Chile	c	c	c	c	443	(5.2)	411	(4.7)	a	a	a	a
	Colombia	c	c	c	c	385	(5.1)	370	(3.8)	a	a	a	a
	Croatia	c	c	c	c	478	(2.9)	468	(2.4)	c	c	c	c
	Estonia	c	c	c	c	503	(3.0)	516	(2.8)	c	c	c	c
	Hong Kong-China	c	c	c	c	539	(2.4)	552	(2.7)	**-19**	(8.6)	**-42**	(10.3)
	Indonesia	c	c	c	c	409	(10.3)	402	(11.7)	c	c	c	c
	Israel	428	(7.9)	445	(7.6)	449	(4.5)	449	(4.1)	-3	(8.8)	10	(7.2)
	Jordan	c	c	c	c	404	(3.0)	387	(3.1)	c	c	c	c
	Kyrgyzstan	c	c	c	c	281	(3.4)	307	(3.3)	c	c	c	c
	Latvia	c	c	c	c	481	(3.8)	489	(3.1)	c	c	c	c
	Liechtenstein	420	(17.6)	448	(18.7)	524	(4.5)	537	(4.5)	**-112**	(19.7)	**-93**	(20.3)
	Lithuania	c	c	c	c	472	(3.0)	488	(3.0)	c	c	c	c
	Macao-China	493	(1.1)	526	(1.3)	523	(12.6)	531	(16.4)	**12**	(3.0)	**9**	(2.9)
	Montenegro	c	c	c	c	404	(2.1)	411	(2.1)	c	c	c	c
	Qatar	300	(2.4)	344	(2.1)	321	(1.6)	311	(1.5)	**56**	(5.5)	**82**	(4.6)
	Romania	c	c	c	c	397	(4.7)	415	(4.3)	c	c	c	c
	Russian Federation	377	(8.0)	444	(9.4)	447	(3.9)	479	(3.7)	c	c	c	c
	Serbia	c	c	c	c	401	(3.4)	436	(3.5)	c	c	c	c
	Slovenia	454	(5.6)	459	(6.2)	498	(1.0)	509	(1.1)	**-45**	(5.6)	**-52**	(6.6)
	Chinese Taipei	c	c	c	c	510	(3.0)	565	(3.7)	c	c	c	c
	Thailand	c	c	c	c	430	(3.7)	431	(3.7)	c	c	c	c
	Tunisia	399	(9.8)	385	(10.2)	380	(3.9)	365	(3.7)	c	c	c	c
	Uruguay	c	c	c	c	416	(3.5)	430	(2.6)	c	c	c	c

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 1/1]

Table 4.3c Differences in science performance between students with an immigrant background (first- and second-generation) and native students associated with students' immigrant background and home language[1]

Tableau 4.3c Variation de la performance des élèves en sciences selon l'ascendance autochtone ou allochtone (1ère et 2e générations) et la langue parlée en famille

		Difference in science performance							
		WITHOUT ACCOUNTING for the economic, social and cultural status of students				WITH ACCOUNTING for the economic, social and cultural status of students			
		Students with an immigrant background minus native students		Students with an immigrant background who speak a language at home that is different from the language of instruction minus native students		Students with an immigrant background minus native students		Students with an immigrant background who speak a language at home that is different from the language of instruction minus native students	
		Difference	S.E.	Difference	S.E.	Difference	S.E.	Difference	S.E.
OECD	Australia	-2.0	(5.0)	**-15.2**	(7.4)	-0.4	(4.4)	3.0	(3.9)
	Austria	**-90.1**	(11.1)	**-96.4**	(13.2)	**-60.9**	(8.4)	**-36.8**	(9.4)
	Belgium	**-86.4**	(6.5)	**-102.4**	(7.9)	**-57.2**	(5.4)	**-51.8**	(6.0)
	Canada	**-16.9**	(4.5)	**-20.7**	(5.8)	**-12.8**	(4.1)	**-10.1**	(4.9)
	Czech Republic	c	c	c	c	c	c	c	c
	Denmark	**-86.9**	(7.7)	**-95.7**	(8.8)	**-48.9**	(7.6)	**-33.3**	(9.3)
	Finland	c	c	c	c	c	c	c	c
	France	**-53.1**	(9.2)	**-58.8**	(10.9)	**-18.1**	(7.6)	**-18.2**	(8.4)
	Germany	**-85.4**	(6.7)	**-96.9**	(8.0)	**-45.8**	(6.5)	**-24.3**	(8.3)
	Greece	**-44.3**	(9.6)	**-78.9**	(11.0)	**-25.1**	(8.6)	-10.4	(11.5)
	Hungary	c	c	c	c	c	c	c	c
	Iceland	c	c	c	c	c	c	c	c
	Ireland	-10.5	(11.7)	c	c	-12.8	(10.3)	c	c
	Italy	**-58.4**	(7.8)	c	c	**-46.9**	(8.1)	c	c
	Japan	c	c	c	c	c	c	c	c
	Korea	c	c	c	c	c	c	c	c
	Luxembourg	**-66.5**	(3.3)	**-82.3**	(3.6)	**-31.7**	(3.9)	0.0	(5.4)
	Mexico	c	c	c	c	c	c	c	c
	Netherlands	**-75.5**	(9.7)	**-85.6**	(11.6)	**-41.0**	(7.9)	**-36.9**	(9.4)
	New Zealand	-15.9	(6.0)	**-38.6**	(8.7)	**-16.7**	(4.5)	-7.4	(4.7)
	Norway	**-58.6**	(8.5)	**-59.8**	(10.9)	**-35.3**	(9.0)	**-24.0**	(11.8)
	Poland	c	c	c	c	c	c	c	c
	Portugal	**-54.9**	(10.8)	c	c	**-56.5**	(8.3)	c	c
	Slovak Republic	c	c	c	c	c	c	c	c
	Spain	**-59.7**	(6.9)	c	c	**-48.2**	(6.1)	c	c
	Sweden	**-60.8**	(5.1)	**-67.6**	(6.1)	**-43.4**	(4.5)	**-32.0**	(7.6)
	Switzerland	**-81.4**	(4.2)	**-95.5**	(4.4)	**-56.3**	(4.1)	**-37.2**	(5.5)
	Turkey	c	c	c	c	c	c	c	c
	United Kingdom	**-32.5**	(9.0)	**-49.1**	(14.3)	**-14.2**	(6.0)	-8.3	(6.7)
	United States	**-48.3**	(6.4)	**-62.2**	(6.9)	**-16.8**	(6.1)	-9.5	(7.0)
	OECD total	**-40.1**	(2.9)	**-51.7**	(3.7)	**-24.5**	(2.6)	**-16.4**	(2.9)
	OECD average	**-54.4**	(1.8)	**-69.1**	(2.3)	**-34.4**	(1.5)	**-21.1**	(2.0)
Partners	Argentina	c	c	c	c	c	c	c	c
	Azerbaijan	c	c	c	c	c	c	c	c
	Brazil	c	c	c	c	c	c	c	c
	Bulgaria	c	c	c	c	c	c	c	c
	Chile	c	c	a	a	c	c	a	a
	Colombia	c	c	a	a	c	c	a	a
	Croatia	**-19.4**	(4.4)	c	c	-7.1	(4.4)	c	c
	Estonia	**-32.8**	(4.9)	c	c	**-30.2**	(4.8)	c	c
	Hong Kong-China	**-9.1**	(4.1)	**-38.7**	(11.2)	**8.4**	(3.8)	c	c
	Indonesia	c	c	c	c	c	c	c	c
	Israel	-5.7	(5.4)	3.6	(7.6)	**9.0**	(4.9)	1.4	(5.4)
	Jordan	**25.8**	(4.5)	c	c	**15.1**	(4.1)	c	c
	Kyrgyzstan	c	c	c	c	c	c	c	c
	Latvia	-3.3	(6.2)	c	c	-6.0	(5.8)	c	c
	Liechtenstein	**-47.2**	(11.7)	**-107.3**	(20.1)	**-34.0**	(10.9)	-23.8	(12.3)
	Lithuania	c	c	c	c	c	c	c	c
	Macao-China	**11.0**	(2.6)	**10.1**	(2.6)	**17.3**	(2.7)	**34.7**	(14.5)
	Montenegro	**16.7**	(5.9)	c	c	**16.0**	(5.8)	c	c
	Qatar	**58.0**	(2.4)	**62.5**	(4.4)	**58.9**	(2.4)	**58.2**	(2.7)
	Romania	c	c	c	c	c	c	c	c
	Russian Federation	**-13.6**	(6.0)	c	c	**-11.7**	(5.5)	-1.1	(5.1)
	Serbia	8.6	(4.7)	c	c	**10.8**	(4.0)	c	c
	Slovenia	**-56.0**	(5.5)	**-78.5**	(7.1)	**-29.0**	(5.5)	-10.4	(7.7)
	Chinese Taipei	c	c	c	c	c	c	c	c
	Thailand	c	c	c	c	c	c	c	c
	Tunisia	c	c	c	c	c	c	c	c
	Uruguay	c	c	c	c	c	c	c	c

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 1/1]

Table 4.3d Characteristics of schools attended by native students and students with an immigrant background (scores standardised within each country)

Tableau 4.3d Caractéristiques des établissements fréquentés par des élèves autochtones et allochtones (scores normalisés pour chaque pays)

		Positive value indicates more favourable characteristics								Negative value indicates more favourable characteristics							
		PISA index of economic, social and cultural status				Quality of educational resources				Student/teacher ratio				Teacher shortage			
		Native students		Students with an immigrant background		Native students		Students with an immigrant background		Native students		Students with an immigrant background		Native students		Students with an immigrant background	
		Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD	Australia	0.01	(0.02)	-0.02	(0.05)	-0.02	(0.05)	0.08	(0.08)	-0.05	(0.05)	0.18	(0.15)	0.02	(0.05)	-0.08	(0.08)
	Austria	**0.09**	(0.03)	**-0.63**	(0.10)	0.02	(0.08)	-0.11	(0.15)	**0.03**	(0.06)	**-0.17**	(0.07)	-0.02	(0.08)	0.10	(0.13)
	Belgium	**0.09**	(0.02)	**-0.60**	(0.07)	0.00	(0.06)	0.03	(0.14)	**0.04**	(0.04)	**-0.27**	(0.10)	**-0.06**	(0.06)	**0.41**	(0.09)
	Canada	0.02	(0.02)	-0.06	(0.05)	-0.01	(0.05)	0.04	(0.11)	0.00	(0.04)	0.00	(0.09)	0.04	(0.05)	-0.13	(0.08)
	Czech Republic	0.01	(0.03)	c	c	0.00	(0.08)	c	c	0.00	(0.07)	c	c	-0.01	(0.07)	c	c
	Denmark	**0.07**	(0.03)	**-0.93**	(0.07)	0.02	(0.07)	-0.23	(0.13)	0.00	(0.07)	-0.02	(0.11)	0.01	(0.08)	-0.07	(0.14)
	Finland	0.01	(0.02)	c	c	0.00	(0.08)	c	c	0.00	(0.07)	c	c	0.00	(0.08)	c	c
	France	**0.09**	(0.03)	**-0.59**	(0.09)	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	**0.11**	(0.03)	**-0.67**	(0.05)	0.02	(0.07)	-0.11	(0.11)	0.01	(0.06)	-0.08	(0.10)	**-0.07**	(0.06)	**0.41**	(0.08)
	Greece	**0.04**	(0.04)	**-0.46**	(0.06)	**0.02**	(0.09)	**-0.27**	(0.09)	0.00	(0.07)	-0.02	(0.11)	0.00	(0.08)	-0.02	(0.13)
	Hungary	0.00	(0.03)	c	c	0.00	(0.07)	c	c	0.00	(0.07)	c	c	0.00	(0.07)	c	c
	Iceland	0.01	(0.01)	c	c	0.00	(0.01)	c	c	0.00	(0.01)	c	c	0.00	(0.01)	c	c
	Ireland	-0.01	(0.03)	0.12	(0.10)	-0.01	(0.08)	0.11	(0.11)	0.00	(0.06)	-0.07	(0.12)	0.00	(0.08)	0.03	(0.10)
	Italy	**0.02**	(0.02)	**-0.44**	(0.05)	0.00	(0.05)	0.04	(0.07)	**0.01**	(0.04)	**-0.19**	(0.08)	0.00	(0.07)	0.00	(0.09)
	Japan	0.00	(0.02)	c	c	0.00	(0.07)	c	c	0.00	(0.07)	c	c	0.00	(0.07)	c	c
	Korea	0.00	(0.03)	c	c	0.00	(0.08)	c	c	0.00	(0.06)	c	c	0.00	(0.08)	c	c
	Luxembourg	**0.30**	(0.01)	**-0.53**	(0.02)	**-0.04**	(0.01)	**0.07**	(0.02)	0.01	(0.01)	-0.01	(0.02)	**0.03**	(0.01)	**-0.04**	(0.02)
	Mexico	0.01	(0.03)	c	c	0.01	(0.05)	c	c	0.00	(0.06)	c	c	-0.01	(0.05)	c	c
	Netherlands	**0.10**	(0.02)	**-0.81**	(0.08)	0.02	(0.07)	-0.18	(0.09)	0.03	(0.08)	-0.25	(0.13)	-0.01	(0.07)	0.09	(0.10)
	New Zealand	-0.01	(0.02)	0.02	(0.05)	-0.03	(0.07)	0.12	(0.07)	**-0.06**	(0.07)	**0.22**	(0.09)	**0.04**	(0.06)	**-0.14**	(0.06)
	Norway	**0.04**	(0.02)	**-0.69**	(0.08)	-0.02	(0.08)	0.24	(0.15)	-0.01	(0.07)	0.14	(0.09)	0.01	(0.06)	-0.12	(0.13)
	Poland	0.00	(0.02)	c	c	0.00	(0.07)	c	c	0.00	(0.06)	c	c	0.00	(0.08)	c	c
	Portugal	0.00	(0.03)	0.04	(0.11)	0.02	(0.08)	-0.25	(0.14)	0.01	(0.07)	-0.18	(0.17)	0.00	(0.08)	-0.07	(0.14)
	Slovak Republic	0.00	(0.03)	c	c	0.00	(0.06)	c	c	0.00	(0.08)	c	c	0.00	(0.06)	c	c
	Spain	**0.02**	(0.03)	**-0.25**	(0.08)	0.00	(0.05)	-0.04	(0.11)	**0.03**	(0.04)	**-0.41**	(0.06)	0.01	(0.06)	-0.16	(0.08)
	Sweden	**0.05**	(0.02)	**-0.44**	(0.08)	-0.02	(0.08)	0.15	(0.13)	**0.04**	(0.08)	**-0.34**	(0.13)	0.00	(0.07)	0.00	(0.14)
	Switzerland	**0.13**	(0.02)	**-0.45**	(0.04)	0.01	(0.07)	-0.02	(0.06)	0.04	(0.06)	-0.13	(0.06)	-0.02	(0.06)	0.08	(0.06)
	Turkey	-0.01	(0.04)	c	c	0.00	(0.09)	c	c	0.00	(0.08)	c	c	0.00	(0.08)	c	c
	United Kingdom	**0.02**	(0.02)	**-0.25**	(0.09)	-0.01	(0.07)	0.15	(0.18)	**0.04**	(0.05)	**-0.41**	(0.12)	0.01	(0.06)	-0.07	(0.14)
	United States	**0.11**	(0.04)	**-0.59**	(0.09)	-0.01	(0.09)	0.04	(0.13)	**-0.07**	(0.09)	**0.42**	(0.14)	0.00	(0.09)	0.00	(0.13)
	OECD total	**0.02**	(0.01)	**-0.24**	(0.04)	**-0.02**	(0.03)	**0.16**	(0.07)	-0.01	(0.02)	0.06	(0.05)	-0.01	(0.03)	0.08	(0.06)
	OECD average	**0.04**	(0.00)	**-0.41**	(0.02)	0.00	(0.01)	-0.01	(0.03)	**0.00**	(0.01)	**-0.08**	(0.02)	0.00	(0.01)	0.01	(0.02)
Partners	Argentina	0.01	(0.06)	c	c	0.00	(0.06)	c	c	0.00	(0.10)	c	c	0.00	(0.08)	c	c
	Azerbaijan	-0.01	(0.03)	c	c	0.00	(0.07)	c	c	0.00	(0.08)	c	c	0.01	(0.08)	c	c
	Brazil	0.01	(0.03)	c	c	0.00	(0.04)	c	c	0.00	(0.06)	c	c	0.00	(0.05)	c	c
	Bulgaria	0.00	(0.05)	c	c	0.00	(0.08)	c	c	0.00	(0.10)	c	c	0.00	(0.08)	c	c
	Chile	0.00	(0.05)	c	c	0.00	(0.09)	c	c	0.00	(0.10)	c	c	0.00	(0.09)	c	c
	Colombia	0.00	(0.04)	c	c	0.00	(0.07)	c	c	0.00	(0.12)	c	c	0.00	(0.10)	c	c
	Croatia	**0.05**	(0.02)	**-0.36**	(0.04)	0.01	(0.07)	-0.09	(0.11)	0.00	(0.07)	0.00	(0.09)	0.00	(0.07)	0.03	(0.08)
	Estonia	0.01	(0.02)	-0.07	(0.06)	-0.01	(0.07)	0.04	(0.17)	0.00	(0.04)	-0.01	(0.13)	**0.05**	(0.06)	**-0.40**	(0.13)
	Hong Kong-China	**0.30**	(0.04)	**-0.38**	(0.03)	0.01	(0.09)	-0.02	(0.08)	0.00	(0.07)	-0.01	(0.07)	-0.03	(0.09)	0.03	(0.10)
	Indonesia	0.00	(0.05)	c	c	0.00	(0.07)	c	c	0.00	(0.07)	c	c	0.00	(0.06)	c	c
	Israel	**0.07**	(0.03)	**-0.22**	(0.05)	-0.03	(0.08)	0.10	(0.11)	0.04	(0.07)	-0.14	(0.09)	0.04	(0.10)	-0.12	(0.11)
	Jordan	**-0.05**	(0.03)	**0.26**	(0.05)	**-0.05**	(0.08)	**0.23**	(0.09)	**-0.07**	(0.05)	**0.35**	(0.11)	0.03	(0.08)	-0.16	(0.09)
	Kyrgyzstan	-0.01	(0.03)	c	c	0.00	(0.06)	c	c	-0.01	(0.07)	c	c	0.00	(0.08)	c	c
	Latvia	-0.01	(0.03)	0.10	(0.06)	**-0.03**	(0.07)	**0.44**	(0.11)	-0.01	(0.09)	0.13	(0.06)	0.00	(0.08)	0.03	(0.11)
	Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Lithuania	0.00	(0.03)	c	c	0.01	(0.07)	c	c	0.01	(0.07)	c	c	0.01	(0.08)	c	c
	Macao-China	**0.38**	(0.03)	**-0.13**	(0.02)	**-0.10**	(0.02)	**0.04**	(0.01)	-0.01	(0.02)	0.00	(0.01)	**0.06**	(0.02)	**-0.02**	(0.01)
	Montenegro	**-0.01**	(0.02)	**0.18**	(0.07)	0.00	(0.00)	-0.03	(0.05)	**-0.01**	(0.00)	**0.09**	(0.04)	**-0.01**	(0.01)	**0.14**	(0.07)
	Qatar	**0.02**	(0.02)	**-0.03**	(0.02)	**-0.04**	(0.01)	**0.06**	(0.02)	**-0.09**	(0.02)	**0.13**	(0.03)	**0.04**	(0.01)	**-0.06**	(0.01)
	Romania	0.00	(0.04)	c	c	0.00	(0.08)	c	c	0.00	(0.07)	c	c	0.00	(0.09)	c	c
	Russian Federation	0.01	(0.04)	-0.05	(0.07)	-0.01	(0.05)	0.08	(0.08)	0.00	(0.06)	0.02	(0.08)	0.00	(0.07)	-0.02	(0.06)
	Serbia	0.01	(0.03)	-0.06	(0.06)	0.00	(0.07)	-0.01	(0.10)	-0.02	(0.09)	0.21	(0.09)	0.01	(0.07)	-0.09	(0.09)
	Slovenia	**0.07**	(0.01)	**-0.63**	(0.04)	**0.01**	(0.01)	**-0.13**	(0.03)	0.00	(0.01)	0.02	(0.04)	-0.01	(0.01)	0.07	(0.05)
	Chinese Taipei	0.00	(0.03)	c	c	0.00	(0.08)	c	c	0.00	(0.07)	c	c	0.00	(0.08)	c	c
	Thailand	0.00	(0.03)	c	c	0.00	(0.06)	c	c	0.00	(0.08)	c	c	0.00	(0.07)	c	c
	Tunisia	0.00	(0.05)	c	c	0.00	(0.07)	c	c	0.00	(0.07)	c	c	0.00	(0.08)	c	c
	Uruguay	0.00	(0.03)	c	c	0.00	(0.05)	c	c	0.00	(0.05)	c	c	0.00	(0.05)	c	c

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[Part 1/2]

Table 4.4a Relationship between student performance in science and the PISA index of economic, social and cultural status (ESCS)

Tableau 4.4a Relation entre la performance des élèves en sciences et l'indice PISA de statut économique, social et culturel (SESC)

		Unadjusted mean score		Mean score if the mean ESCS would be equal in all OECD countries		Strength of the relationship between student performance and the ESCS		Slope of the socio-economic gradient[1]		Length of the projection of the gradient line: 5th percentile of the ESCS		Length of the projection of the gradient line: 95th percentile of the ESCS		Length of the projection of the gradient line: Difference between 95th and 5th percentile of the ESCS	
		Mean score	S.E.	Mean score	S.E.	Percentage of explained variance in student performance	S.E.	Score point difference associated with one unit on the ESCS	S.E.	Index	S.E.	Index	S.E.	Dif.	S.E.
OECD	Australia	**527**	(2.3)	**519**	(1.7)	**11.3**	(0.78)	**43**	(1.5)	-1.08	(0.02)	1.39	(0.03)	2.47	(0.03)
	Austria	**511**	(3.9)	502	(3.7)	15.4	(2.02)	**46**	(3.1)	-1.04	(0.07)	1.63	(0.05)	2.67	(0.09)
	Belgium	**510**	(2.5)	503	(2.2)	**19.4**	(1.29)	**48**	(1.9)	-1.29	(0.04)	1.58	(0.02)	2.87	(0.05)
	Canada	**534**	(2.0)	**524**	(1.8)	**8.2**	(0.68)	**33**	(1.4)	-0.99	(0.02)	1.60	(0.02)	2.59	(0.03)
	Czech Republic	**513**	(3.5)	**512**	(3.2)	15.6	(1.35)	**51**	(2.6)	-1.14	(0.02)	1.30	(0.02)	2.44	(0.03)
	Denmark	496	(3.1)	**485**	(2.5)	14.1	(1.43)	39	(2.0)	-1.14	(0.04)	1.72	(0.03)	2.86	(0.04)
	Finland	**563**	(2.0)	**556**	(1.8)	**8.3**	(0.87)	**31**	(1.6)	-1.04	(0.03)	1.48	(0.02)	2.52	(0.03)
	France	495	(3.4)	502	(2.7)	**21.2**	(1.77)	**54**	(2.5)	-1.50	(0.06)	1.30	(0.03)	2.81	(0.07)
	Germany	**516**	(3.8)	505	(3.1)	**19.0**	(1.45)	**46**	(2.1)	-1.16	(0.05)	1.82	(0.04)	2.99	(0.06)
	Greece	**473**	(3.2)	**479**	(2.6)	15.0	(1.72)	37	(2.2)	-1.72	(0.04)	1.45	(0.06)	3.18	(0.07)
	Hungary	504	(2.7)	**508**	(2.2)	**21.4**	(1.58)	**44**	(1.8)	-1.53	(0.03)	1.50	(0.03)	3.02	(0.05)
	Iceland	**491**	(1.6)	**470**	(2.1)	**6.7**	(0.80)	**29**	(1.8)	-0.67	(0.04)	2.11	(0.02)	2.79	(0.04)
	Ireland	**508**	(3.2)	**510**	(2.5)	12.7	(1.37)	39	(2.2)	-1.38	(0.04)	1.43	(0.04)	2.81	(0.05)
	Italy	**475**	(2.0)	**478**	(1.9)	**10.0**	(0.94)	**31**	(1.6)	-1.59	(0.03)	1.67	(0.04)	3.25	(0.05)
	Japan	**531**	(3.4)	**533**	(3.1)	**7.4**	(0.95)	39	(2.7)	-1.08	(0.02)	1.13	(0.01)	2.22	(0.02)
	Korea	**522**	(3.4)	**522**	(3.0)	**8.1**	(1.49)	**32**	(3.1)	-1.32	(0.05)	1.30	(0.04)	2.62	(0.07)
	Luxembourg	**486**	(1.1)	**483**	(1.1)	**21.7**	(1.12)	41	(1.2)	-1.96	(0.02)	1.72	(0.02)	3.68	(0.03)
	Mexico	**410**	(2.7)	**435**	(2.4)	16.8	(1.72)	**25**	(1.3)	-2.95	(0.06)	1.21	(0.06)	4.16	(0.08)
	Netherlands	**525**	(2.7)	**515**	(2.4)	16.7	(1.65)	44	(2.2)	-1.23	(0.06)	1.60	(0.03)	2.83	(0.06)
	New Zealand	**530**	(2.7)	**528**	(2.3)	**16.4**	(1.11)	**52**	(1.8)	-1.27	(0.04)	1.40	(0.04)	2.67	(0.05)
	Norway	**487**	(3.1)	**474**	(2.8)	**8.3**	(1.10)	36	(2.5)	-0.73	(0.03)	1.62	(0.03)	2.35	(0.04)
	Poland	498	(2.3)	**510**	(2.1)	14.5	(1.13)	39	(1.8)	-1.56	(0.03)	1.31	(0.07)	2.87	(0.07)
	Portugal	**474**	(3.0)	**492**	(2.3)	16.6	(1.50)	**28**	(1.4)	-2.46	(0.03)	1.70	(0.03)	4.16	(0.04)
	Slovak Republic	**488**	(2.6)	**495**	(2.2)	**19.2**	(1.96)	**45**	(2.6)	-1.40	(0.07)	1.48	(0.02)	2.88	(0.07)
	Spain	**488**	(2.6)	499	(1.9)	13.9	(1.21)	**31**	(1.3)	-1.93	(0.05)	1.56	(0.01)	3.48	(0.05)
	Sweden	503	(2.4)	**496**	(2.2)	**10.6**	(0.97)	38	(2.1)	-1.04	(0.03)	1.47	(0.04)	2.50	(0.05)
	Switzerland	**512**	(3.2)	**508**	(2.6)	15.7	(1.20)	**44**	(1.8)	-1.37	(0.03)	1.54	(0.03)	2.91	(0.04)
	Turkey	**424**	(3.8)	**463**	(6.4)	16.5	(2.96)	**31**	(3.2)	-2.85	(0.04)	0.77	(0.08)	3.62	(0.08)
	United Kingdom	**515**	(2.3)	**508**	(1.9)	13.9	(1.12)	**48**	(1.9)	-1.12	(0.03)	1.50	(0.01)	2.62	(0.03)
	United States	**489**	(4.2)	**483**	(3.0)	**17.9**	(1.63)	**49**	(2.5)	-1.39	(0.06)	1.59	(0.04)	2.98	(0.07)
	OECD total	491	(1.2)	496	(0.9)	20.2	(0.57)	45	(0.6)	-2.00	(0.03)	1.47	(0.01)	3.47	(0.03)
	OECD average	500	(0.5)	500	(0.5)	14.4	(0.26)	40	(0.4)	-1.43	(0.01)	1.50	(0.01)	2.93	(0.01)
Partners	Argentina	**391**	(6.1)	**416**	(4.7)	**19.5**	(2.33)	38	(2.4)	-2.54	(0.06)	1.27	(0.07)	3.81	(0.08)
	Azerbaijan	**382**	(2.8)	**388**	(2.7)	**4.7**	(1.71)	**11**	(2.0)	-2.06	(0.04)	1.31	(0.04)	3.37	(0.05)
	Brazil	**390**	(2.8)	**424**	(3.6)	17.1	(1.92)	**30**	(1.9)	-3.04	(0.02)	0.89	(0.04)	3.93	(0.05)
	Bulgaria	**434**	(6.1)	**446**	(4.4)	**24.1**	(2.76)	**52**	(3.6)	-1.77	(0.09)	1.44	(0.06)	3.20	(0.11)
	Chile	**438**	(4.3)	**465**	(3.3)	**23.3**	(1.92)	38	(1.8)	-2.55	(0.08)	1.30	(0.07)	3.85	(0.10)
	Colombia	**388**	(3.4)	**411**	(3.0)	11.4	(1.57)	**23**	(1.6)	-2.95	(0.07)	1.06	(0.08)	4.01	(0.10)
	Croatia	**493**	(2.4)	497	(2.3)	12.3	(1.21)	**34**	(1.9)	-1.46	(0.04)	1.46	(0.04)	2.92	(0.05)
	Estonia	**531**	(2.5)	**527**	(2.4)	**9.3**	(1.12)	**31**	(2.0)	-1.11	(0.03)	1.44	(0.02)	2.56	(0.03)
	Hong Kong-China	**542**	(2.5)	**560**	(2.9)	**6.9**	(1.26)	**26**	(2.3)	-2.17	(0.04)	0.98	(0.08)	3.14	(0.09)
	Indonesia	**393**	(5.7)	**425**	(7.5)	10.2	(2.31)	**21**	(2.6)	-3.11	(0.04)	0.35	(0.07)	3.46	(0.08)
	Israel	**454**	(3.7)	**448**	(3.5)	**10.9**	(1.10)	43	(2.7)	-1.29	(0.04)	1.50	(0.06)	2.79	(0.07)
	Jordan	**422**	(2.8)	**438**	(2.8)	**11.2**	(1.35)	**27**	(1.8)	-2.57	(0.09)	1.03	(0.05)	3.59	(0.09)
	Kyrgyzstan	**322**	(2.9)	**340**	(2.8)	**8.2**	(1.42)	**27**	(2.6)	-2.02	(0.02)	0.83	(0.04)	2.85	(0.04)
	Latvia	**490**	(3.0)	**491**	(2.6)	**9.7**	(1.41)	**29**	(2.3)	-1.40	(0.03)	1.42	(0.04)	2.82	(0.05)
	Liechtenstein	**522**	(4.1)	**513**	(4.3)	20.4	(4.42)	49	(5.5)	-1.34	(0.08)	1.70	(0.11)	3.04	(0.12)
	Lithuania	**488**	(2.8)	**487**	(2.3)	15.2	(1.33)	38	(2.0)	-1.37	(0.02)	1.49	(0.03)	2.86	(0.04)
	Macao-China	**511**	(1.1)	**523**	(1.8)	**2.2**	(0.49)	**13**	(1.5)	-2.28	(0.02)	0.55	(0.03)	2.83	(0.03)
	Montenegro	**412**	(1.1)	**412**	(1.1)	**7.5**	(0.90)	**24**	(1.4)	-1.44	(0.03)	1.42	(0.02)	2.87	(0.03)
	Qatar	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Romania	**418**	(4.2)	**431**	(3.9)	16.6	(3.15)	35	(3.4)	-1.89	(0.06)	1.27	(0.06)	3.16	(0.09)
	Russian Federation	**479**	(3.7)	**483**	(3.2)	**8.1**	(1.23)	**32**	(2.6)	-1.31	(0.03)	1.18	(0.01)	2.48	(0.03)
	Serbia	**436**	(3.0)	**440**	(2.5)	13.2	(1.27)	**33**	(1.8)	-1.56	(0.03)	1.52	(0.04)	3.08	(0.05)
	Slovenia	**519**	(1.1)	**513**	(1.2)	16.7	(1.11)	**46**	(1.6)	-1.25	(0.04)	1.57	(0.02)	2.82	(0.04)
	Chinese Taipei	**532**	(3.6)	**546**	(2.8)	12.5	(1.19)	42	(2.1)	-1.60	(0.04)	1.04	(0.03)	2.63	(0.05)
	Thailand	**421**	(2.1)	**461**	(3.3)	15.9	(2.00)	**28**	(1.6)	-2.84	(0.04)	0.77	(0.07)	3.62	(0.07)
	Tunisia	**386**	(3.0)	**408**	(4.4)	**9.5**	(2.11)	**19**	(2.2)	-3.26	(0.03)	1.08	(0.08)	4.34	(0.08)
	Uruguay	**428**	(2.7)	**446**	(2.5)	**18.3**	(1.23)	**34**	(1.4)	-2.47	(0.04)	1.43	(0.04)	3.90	(0.05)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Single-level bivariate regression of science performance on the ESCS, the slope is the regression coefficient for the ESCS.
2. Student-level regression of science performance on the ESCS and the squared term of the ESCS, the index of curvelinearity is the regression coefficient for the squared term.

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[Part 2/2]

Table 4.4a Relationship between student performance in science and the PISA index of economic, social and cultural status (ESCS)

Tableau 4.4a Relation entre la performance des élèves en sciences et l'indice PISA de statut économique, social et culturel (SESC)

		ESCS mean		Variability in the ESCS		Index of curvelinearity[2]		Index of skewness in the distribution of the ESCS		Percentage of students that fall within the lowest 15 per cent of the international distribution on the ESCS	
		Mean index	S.E.	Standard deviation	S.E.	Score point difference associated with one unit on the ESCS squared	S.E.	Index	S.E.	Approximated by the percentage of students with a value on the PISA index of economic, social and cultural status smaller than -1	S.E.
OECD	Australia	0.21	(0.01)	0.78	(0.01)	-1.23	(1.38)	-0.22	(0.03)	6.1	(0.3)
	Austria	0.20	(0.02)	0.83	(0.02)	**-7.84**	(1.73)	0.09	(0.08)	6.0	(0.7)
	Belgium	0.17	(0.02)	0.91	(0.01)	**-2.01**	(0.97)	-0.26	(0.04)	8.6	(0.5)
	Canada	0.37	(0.02)	0.81	(0.01)	**-2.57**	(1.14)	-0.29	(0.03)	4.7	(0.3)
	Czech Republic	0.03	(0.02)	0.76	(0.01)	-3.37	(1.96)	0.03	(0.06)	7.8	(0.5)
	Denmark	0.31	(0.03)	0.89	(0.01)	-1.00	(1.27)	-0.16	(0.05)	6.5	(0.5)
	Finland	0.26	(0.02)	0.79	(0.01)	1.89	(1.56)	-0.17	(0.04)	5.6	(0.4)
	France	-0.09	(0.03)	0.86	(0.02)	1.14	(1.88)	-0.19	(0.04)	14.1	(0.8)
	Germany	0.29	(0.03)	0.93	(0.01)	**-3.60**	(1.17)	-0.09	(0.05)	6.8	(0.6)
	Greece	-0.15	(0.03)	0.97	(0.02)	**-4.04**	(1.39)	0.04	(0.03)	20.2	(1.1)
	Hungary	-0.09	(0.03)	0.92	(0.02)	**-3.28**	(1.25)	0.12	(0.04)	15.4	(1.0)
	Iceland	0.77	(0.01)	0.87	(0.01)	-2.61	(1.69)	-0.24	(0.04)	2.4	(0.3)
	Ireland	-0.02	(0.03)	0.86	(0.01)	-1.05	(1.34)	0.02	(0.04)	12.0	(0.7)
	Italy	-0.07	(0.02)	0.98	(0.01)	**-4.57**	(0.94)	0.21	(0.02)	18.7	(0.6)
	Japan	-0.01	(0.02)	0.70	(0.01)	**-11.25**	(2.49)	0.06	(0.03)	6.9	(0.5)
	Korea	-0.01	(0.02)	0.81	(0.01)	2.51	(1.77)	-0.14	(0.04)	10.7	(0.6)
	Luxembourg	0.09	(0.01)	1.10	(0.01)	-1.71	(0.93)	-0.36	(0.03)	17.6	(0.5)
	Mexico	-0.99	(0.04)	1.31	(0.02)	**1.61**	(0.62)	0.20	(0.04)	52.5	(1.4)
	Netherlands	0.25	(0.03)	0.89	(0.02)	2.11	(1.65)	-0.12	(0.04)	7.5	(0.7)
	New Zealand	0.10	(0.02)	0.83	(0.01)	2.68	(1.61)	-0.28	(0.08)	9.0	(0.4)
	Norway	0.42	(0.02)	0.76	(0.01)	**-4.10**	(1.65)	-0.32	(0.05)	2.3	(0.3)
	Poland	-0.30	(0.02)	0.87	(0.01)	0.60	(1.09)	-0.25	(0.04)	20.8	(0.9)
	Portugal	-0.62	(0.04)	1.28	(0.02)	0.80	(0.78)	0.42	(0.03)	43.5	(1.5)
	Slovak Republic	-0.15	(0.02)	0.91	(0.02)	-3.39	(2.75)	0.20	(0.12)	13.5	(0.9)
	Spain	-0.31	(0.03)	1.07	(0.01)	**-2.44**	(0.99)	0.23	(0.03)	29.1	(1.0)
	Sweden	0.24	(0.02)	0.79	(0.01)	-1.49	(1.84)	-0.33	(0.09)	5.6	(0.4)
	Switzerland	0.09	(0.02)	0.89	(0.01)	**-2.30**	(1.24)	-0.04	(0.03)	11.7	(0.5)
	Turkey	-1.28	(0.04)	1.10	(0.03)	**5.72**	(1.39)	0.15	(0.05)	62.7	(1.6)
	United Kingdom	0.19	(0.01)	0.81	(0.01)	-0.33	(1.62)	-0.13	(0.05)	6.6	(0.5)
	United States	0.14	(0.04)	0.91	(0.02)	**3.30**	(1.38)	-0.21	(0.04)	11.0	(0.9)
	OECD total	-0.10	(0.01)	1.04	(0.01)	**-0.86**	(0.40)	-0.10	(0.02)	17.9	(0.3)
	OECD average	0.00	(0.00)	0.91	(0.00)	**-1.39**	(0.28)	-0.07	(0.01)	14.9	(0.1)
Partners	Argentina	-0.64	(0.07)	1.16	(0.02)	3.11	(1.65)	-0.06	(0.06)	37.9	(2.2)
	Azerbaijan	-0.45	(0.03)	1.06	(0.02)	**3.86**	(1.16)	0.13	(0.05)	33.7	(1.2)
	Brazil	-1.12	(0.03)	1.25	(0.01)	**6.10**	(1.33)	0.05	(0.03)	52.9	(1.1)
	Bulgaria	-0.21	(0.05)	1.01	(0.02)	-1.55	(1.99)	-0.05	(0.08)	21.1	(1.4)
	Chile	-0.70	(0.06)	1.18	(0.03)	**4.30**	(1.12)	0.15	(0.05)	42.3	(2.2)
	Colombia	-1.00	(0.05)	1.23	(0.03)	**4.03**	(1.12)	0.04	(0.05)	49.9	(2.0)
	Croatia	-0.11	(0.02)	0.87	(0.01)	0.01	(1.16)	0.23	(0.03)	13.5	(0.6)
	Estonia	0.14	(0.02)	0.81	(0.01)	**5.04**	(2.20)	0.02	(0.04)	7.3	(0.7)
	Hong Kong-China	-0.67	(0.03)	0.93	(0.02)	-1.24	(1.50)	0.18	(0.03)	37.6	(1.2)
	Indonesia	-1.52	(0.05)	1.08	(0.02)	**4.01**	(1.25)	0.29	(0.07)	68.6	(2.1)
	Israel	0.22	(0.02)	0.86	(0.01)	**5.25**	(1.84)	-0.60	(0.05)	8.3	(0.6)
	Jordan	-0.57	(0.03)	1.11	(0.02)	**2.93**	(0.95)	-0.46	(0.05)	34.0	(1.2)
	Kyrgyzstan	-0.66	(0.02)	0.88	(0.01)	**4.65**	(1.54)	0.00	(0.05)	35.0	(1.1)
	Latvia	-0.02	(0.02)	0.90	(0.01)	-1.99	(1.84)	0.03	(0.04)	14.7	(0.8)
	Liechtenstein	0.19	(0.05)	0.89	(0.03)	**-9.11**	(4.43)	-0.09	(0.12)	9.2	(1.3)
	Lithuania	0.04	(0.03)	0.92	(0.01)	-2.32	(1.72)	0.04	(0.03)	14.6	(0.6)
	Macao-China	-0.91	(0.01)	0.87	(0.01)	**-2.81**	(1.10)	0.23	(0.03)	48.6	(0.8)
	Montenegro	-0.02	(0.01)	0.90	(0.01)	0.30	(1.36)	-0.82	(0.02)	14.4	(0.5)
	Qatar	m	m	m	m	m	m	m	m	m	m
	Romania	-0.37	(0.04)	0.95	(0.03)	1.05	(1.69)	0.08	(0.05)	24.1	(1.3)
	Russian Federation	-0.10	(0.03)	0.79	(0.01)	0.28	(2.32)	0.20	(0.04)	12.6	(0.9)
	Serbia	-0.14	(0.03)	0.94	(0.01)	-1.21	(1.61)	-0.03	(0.06)	16.9	(0.9)
	Slovenia	0.13	(0.01)	0.87	(0.01)	-1.09	(1.71)	0.09	(0.03)	8.7	(0.4)
	Chinese Taipei	-0.31	(0.02)	0.80	(0.01)	1.38	(1.32)	0.41	(0.04)	20.3	(1.1)
	Thailand	-1.43	(0.03)	1.11	(0.02)	**4.96**	(1.15)	0.01	(0.03)	69.4	(1.1)
	Tunisia	-1.20	(0.07)	1.36	(0.03)	**4.59**	(0.96)	0.68	(0.04)	56.9	(2.3)
	Uruguay	-0.51	(0.03)	1.19	(0.01)	**3.70**	(0.98)	-0.05	(0.04)	34.7	(1.1)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Single-level bivariate regression of science performance on the ESCS, the slope is the regression coefficient for the ESCS.
2. Student-level regression of science performance on the ESCS and the squared term of the ESCS, the index of curvelinearity is the regression coefficient for the squared term.
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[Part 1/2]

Table 4.4b Decomposition of the gradient of the PISA index of economic, social and cultural status (ESCS) into between-school and within-school components[1]

Tableau 4.4b Décomposition du gradient de l'indice PISA de statut économique, social et culturel (SESC) en composantes inter- et intra-établissements

		Overall effect of ESCS[2]		Within-school effects of ESCS[3]				Student variability in the distribution of ESCS					
		Score point difference associated with one unit on the ESCS	S.E.	Student-level score point difference associated with one unit of the student-level ESCS	S.E.	Explained within-school variance	S.E.	25th percentile of the student distribution of ESCS	S.E.	75th percentile of the student distribution of ESCS	S.E.	Interquartile range of the distribution of the student-level ESCS	S.E.
OECD	Australia	43	(1.5)	29	(1.4)	4.9	(0.5)	-0.33	(0.02)	0.79	(0.02)	1.12	(0.02)
	Austria	46	(3.1)	10	(1.7)	1.1	(0.4)	-0.37	(0.03)	0.73	(0.03)	1.09	(0.03)
	Belgium	48	(1.9)	17	(1.2)	3.9	(0.5)	-0.45	(0.02)	0.86	(0.02)	1.31	(0.02)
	Canada	33	(1.4)	23	(1.5)	4.1	(0.5)	-0.17	(0.01)	0.96	(0.02)	1.13	(0.01)
	Czech Republic	51	(2.6)	19	(1.6)	3.2	(0.5)	-0.52	(0.03)	0.55	(0.03)	1.06	(0.03)
	Denmark	39	(2.0)	32	(1.9)	10.1	(1.0)	-0.31	(0.02)	0.96	(0.04)	1.28	(0.03)
	Finland	31	(1.6)	30	(1.6)	7.2	(0.8)	-0.30	(0.02)	0.83	(0.03)	1.13	(0.02)
	France	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	46	(2.1)	14	(1.5)	2.8	(0.6)	-0.33	(0.04)	0.93	(0.04)	1.26	(0.03)
	Greece	37	(2.2)	16	(1.5)	3.2	(0.6)	-0.86	(0.03)	0.59	(0.05)	1.45	(0.04)
	Hungary	44	(1.8)	7	(1.3)	0.6	(0.3)	-0.72	(0.03)	0.57	(0.05)	1.29	(0.05)
	Iceland	29	(1.8)	29	(1.9)	6.7	(0.8)	0.17	(0.02)	1.43	(0.01)	1.26	(0.02)
	Ireland	39	(2.2)	28	(2.0)	6.1	(0.8)	-0.61	(0.03)	0.59	(0.05)	1.20	(0.03)
	Italy	31	(1.6)	7	(1.0)	0.9	(0.2)	-0.79	(0.02)	0.56	(0.02)	1.35	(0.02)
	Japan	39	(2.7)	5	(2.2)	0.2	(0.2)	-0.54	(0.03)	0.51	(0.02)	1.05	(0.04)
	Korea	32	(3.1)	9	(1.9)	0.7	(0.3)	-0.56	(0.03)	0.59	(0.04)	1.14	(0.04)
	Luxembourg	41	(1.2)	24	(1.4)	8.2	(0.9)	-0.58	(0.02)	0.88	(0.02)	1.46	(0.03)
	Mexico	25	(1.3)	6	(0.8)	1.0	(0.2)	-2.04	(0.05)	0.03	(0.07)	2.07	(0.06)
	Netherlands	44	(2.2)	11	(1.3)	1.9	(0.5)	-0.35	(0.03)	0.93	(0.04)	1.28	(0.03)
	New Zealand	52	(1.8)	41	(1.9)	9.7	(0.9)	-0.45	(0.02)	0.70	(0.03)	1.15	(0.02)
	Norway	36	(2.5)	31	(2.0)	5.8	(0.8)	-0.10	(0.02)	0.95	(0.02)	1.05	(0.02)
	Poland	39	(1.8)	35	(1.6)	11.1	(0.9)	-0.89	(0.02)	0.17	(0.03)	1.06	(0.04)
	Portugal	28	(1.4)	17	(1.2)	6.1	(0.9)	-1.65	(0.04)	0.24	(0.06)	1.89	(0.05)
	Slovak Republic	45	(2.6)	21	(1.9)	4.6	(0.9)	-0.75	(0.01)	0.43	(0.05)	1.18	(0.04)
	Spain	31	(1.3)	24	(1.3)	7.2	(0.8)	-1.13	(0.03)	0.45	(0.05)	1.58	(0.04)
	Sweden	38	(2.1)	32	(2.9)	7.1	(1.3)	-0.29	(0.02)	0.82	(0.03)	1.11	(0.03)
	Switzerland	44	(1.8)	26	(1.5)	7.2	(0.7)	-0.51	(0.02)	0.69	(0.02)	1.20	(0.02)
	Turkey	31	(3.2)	9	(1.2)	1.9	(0.5)	-2.11	(0.03)	-0.55	(0.07)	1.56	(0.06)
	United Kingdom	48	(1.9)	32	(2.0)	6.6	(0.7)	-0.36	(0.02)	0.76	(0.02)	1.12	(0.02)
	United States	49	(2.5)	34	(1.9)	8.2	(0.8)	-0.49	(0.04)	0.80	(0.04)	1.30	(0.03)
	OECD total	45	(0.6)	20	(0.5)	17.0	(0.9)	-0.73	(0.01)	0.65	(0.02)	1.38	(0.01)
	OECD average	40	(0.4)	21	(0.3)	4.9	(0.1)	-0.63	(0.01)	0.64	(0.01)	1.28	(0.01)
Partners	Argentina	38	(2.4)	13	(1.7)	2.8	(0.7)	-1.49	(0.08)	0.23	(0.09)	1.72	(0.06)
	Azerbaijan	11	(2.0)	7	(0.9)	2.1	(0.5)	-1.23	(0.04)	0.39	(0.06)	1.62	(0.05)
	Brazil	30	(1.9)	8	(1.2)	1.4	(0.5)	-2.13	(0.03)	-0.11	(0.04)	2.02	(0.03)
	Bulgaria	52	(3.6)	13	(1.7)	1.6	(0.5)	-0.92	(0.06)	0.55	(0.08)	1.47	(0.07)
	Chile	38	(1.8)	11	(1.4)	1.4	(0.4)	-1.57	(0.07)	0.14	(0.09)	1.71	(0.07)
	Colombia	23	(1.6)	11	(1.8)	2.4	(0.8)	-1.95	(0.07)	-0.11	(0.07)	1.83	(0.07)
	Croatia	34	(1.9)	14	(1.4)	2.7	(0.5)	-0.70	(0.02)	0.46	(0.03)	1.16	(0.03)
	Estonia	31	(2.0)	22	(1.8)	4.7	(0.8)	-0.49	(0.03)	0.79	(0.03)	1.28	(0.03)
	Hong Kong-China	26	(2.3)	9	(1.7)	1.0	(0.4)	-1.33	(0.02)	-0.06	(0.04)	1.27	(0.03)
	Indonesia	21	(2.6)	1	(1.1)	0.1	(0.1)	-2.37	(0.05)	-0.72	(0.09)	1.64	(0.07)
	Israel	43	(2.7)	26	(2.3)	4.3	(0.8)	-0.30	(0.03)	0.80	(0.03)	1.11	(0.02)
	Jordan	27	(1.8)	18	(1.3)	4.9	(0.7)	-1.30	(0.03)	0.30	(0.04)	1.61	(0.04)
	Kyrgyzstan	27	(2.6)	6	(1.4)	0.4	(0.2)	-1.26	(0.03)	-0.07	(0.05)	1.19	(0.04)
	Latvia	29	(2.3)	21	(2.1)	4.8	(0.9)	-0.74	(0.01)	0.70	(0.04)	1.43	(0.04)
	Liechtenstein	49	(5.5)	c	c	c	c	-0.36	(0.06)	0.82	(0.08)	1.18	(0.08)
	Lithuania	38	(2.0)	24	(1.5)	5.9	(0.8)	-0.71	(0.03)	0.79	(0.04)	1.49	(0.03)
	Macao-China	13	(1.5)	7	(1.6)	0.5	(0.2)	-1.52	(0.03)	-0.33	(0.02)	1.19	(0.02)
	Montenegro	24	(1.4)	11	(1.5)	1.7	(0.5)	-0.66	(0.02)	0.65	(0.02)	1.31	(0.02)
	Qatar	m	m	m	m	m	m	m	m	m	m	m	m
	Romania	35	(3.4)	12	(2.8)	2.7	(1.2)	-0.97	(0.04)	0.25	(0.05)	1.22	(0.05)
	Russian Federation	32	(2.6)	20	(1.8)	3.2	(0.6)	-0.71	(0.02)	0.53	(0.05)	1.24	(0.03)
	Serbia	33	(1.8)	12	(1.2)	2.1	(0.4)	-0.80	(0.03)	0.50	(0.04)	1.30	(0.04)
	Slovenia	46	(1.6)	7	(1.4)	0.7	(0.3)	-0.51	(0.02)	0.80	(0.03)	1.31	(0.03)
	Chinese Taipei	42	(2.1)	14	(1.6)	1.9	(0.5)	-0.87	(0.03)	0.22	(0.02)	1.09	(0.02)
	Thailand	28	(1.6)	8	(1.3)	1.5	(0.4)	-2.28	(0.02)	-0.73	(0.08)	1.56	(0.08)
	Tunisia	19	(2.2)	4	(1.1)	0.4	(0.3)	-2.28	(0.06)	-0.20	(0.12)	2.08	(0.09)
	Uruguay	34	(1.4)	14	(1.4)	3.4	(0.6)	-1.40	(0.04)	0.35	(0.04)	1.76	(0.04)

1. In some countries, sub-units within schools were sampled instead of schools as administrative units and this may affect the estimation of school-level effects.
2. Single-level bivariate regression of science performance on the ESCS, the slope is the regression coefficient for the ESCS.
3. Two-level regression of science performance on student ESCS and school mean ESCS: within-school slope for ESCS and explained variance at the student level by the model.
4. Two-level regression of science performance on student ESCS and school mean ESCS: between-school slope for ESCS and explained variance at the school level by the model.
5. Distribution of the school mean ESCS, percentiles calculated at student-level.
6. The index of inclusion is derived from the intra-class correlation for ESCS as 1-rho.

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[Part 2/2]

Table 4.4b **Decomposition of the gradient of the PISA index of economic, social and cultural status (ESCS) into between-school and within-school components[1]**

Tableau 4.4b **Décomposition du gradient de l'indice PISA de statut économique, social et culturel (SESC) en composantes inter- et intra-établissements**

		Between-school effects of ESCS[4]				School variability in the distribution of ESCS[5]						Index of inclusion[6]	
		School-level score point difference associated with one unit on the school mean ESCS	S.E.	Explained between-school variance	S.E.	25th percentile of the school mean distribution of ESCS	S.E.	75th percentile of the school mean distribution of ESCS	S.E.	Interquartile range of the distribution of school mean distribution of ESCS	S.E.	Proportion of ESCS variance within schools	S.E.
OECD	Australia	56	(2.2)	63.2	(2.1)	-0.09	(0.02)	0.49	(0.01)	0.57	(0.02)	0.77	(0.01)
	Austria	110	(2.7)	66.2	(1.6)	-0.11	(0.03)	0.52	(0.03)	0.64	(0.04)	0.71	(0.01)
	Belgium	102	(1.5)	71.4	(1.1)	-0.17	(0.03)	0.55	(0.04)	0.73	(0.04)	0.73	(0.01)
	Canada	44	(2.3)	39.4	(1.7)	0.08	(0.02)	0.60	(0.03)	0.52	(0.03)	0.81	(0.01)
	Czech Republic	120	(2.6)	69.8	(1.3)	-0.22	(0.03)	0.20	(0.04)	0.42	(0.04)	0.73	(0.02)
	Denmark	41	(4.3)	55.3	(5.9)	0.06	(0.03)	0.50	(0.05)	0.44	(0.05)	0.87	(0.02)
	Finland	10	(3.7)	27.2	(9.9)	0.07	(0.03)	0.44	(0.02)	0.36	(0.03)	0.91	(0.01)
	France	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	114	(2.2)	74.6	(1.7)	-0.11	(0.04)	0.64	(0.04)	0.75	(0.05)	0.75	(0.01)
	Greece	66	(1.9)	59.9	(2.2)	-0.52	(0.05)	0.17	(0.04)	0.69	(0.06)	0.66	(0.02)
	Hungary	85	(2.6)	78.5	(1.7)	-0.46	(0.08)	0.35	(0.09)	0.81	(0.11)	0.54	(0.02)
	Iceland	-5	(7.0)	2.6	(5.4)	0.51	(0.00)	1.05	(0.00)	0.54	(0.00)	0.85	(0.03)
	Ireland	48	(3.1)	67.4	(3.9)	-0.25	(0.03)	0.21	(0.04)	0.46	(0.05)	0.79	(0.02)
	Italy	87	(1.3)	52.4	(1.0)	-0.45	(0.02)	0.28	(0.03)	0.73	(0.04)	0.76	(0.01)
	Japan	133	(3.1)	54.8	(1.1)	-0.30	(0.03)	0.22	(0.03)	0.52	(0.04)	0.76	(0.01)
	Korea	80	(2.4)	53.0	(2.3)	-0.32	(0.04)	0.27	(0.04)	0.58	(0.05)	0.74	(0.01)
	Luxembourg	69	(2.3)	89.6	(1.6)	-0.29	(0.00)	0.56	(0.00)	0.85	(0.00)	0.77	(0.01)
	Mexico	37	(0.9)	52.0	(1.0)	-1.69	(0.10)	-0.43	(0.07)	1.25	(0.11)	0.60	(0.01)
	Netherlands	123	(1.9)	68.9	(1.3)	-0.04	(0.02)	0.59	(0.03)	0.63	(0.04)	0.78	(0.01)
	New Zealand	55	(3.7)	74.4	(5.3)	-0.16	(0.02)	0.37	(0.02)	0.54	(0.03)	0.82	(0.01)
	Norway	29	(5.8)	37.6	(7.0)	0.24	(0.03)	0.57	(0.04)	0.33	(0.04)	0.88	(0.02)
	Poland	21	(3.4)	48.0	(5.7)	-0.62	(0.04)	-0.03	(0.05)	0.59	(0.07)	0.76	(0.02)
	Portugal	32	(1.9)	52.8	(2.7)	-1.18	(0.10)	-0.15	(0.11)	1.03	(0.14)	0.69	(0.01)
	Slovak Republic	56	(3.9)	57.1	(4.4)	-0.47	(0.05)	0.12	(0.08)	0.59	(0.09)	0.63	(0.02)
	Spain	21	(1.5)	49.2	(1.9)	-0.71	(0.05)	0.03	(0.06)	0.73	(0.07)	0.76	(0.01)
	Sweden	34	(7.6)	52.6	(8.5)	-0.01	(0.01)	0.44	(0.03)	0.44	(0.03)	0.87	(0.01)
	Switzerland	70	(2.1)	45.2	(1.9)	-0.21	(0.03)	0.37	(0.03)	0.58	(0.04)	0.82	(0.01)
	Turkey	65	(1.6)	59.7	(1.5)	-1.69	(0.05)	-0.91	(0.07)	0.78	(0.08)	0.69	(0.01)
	United Kingdom	71	(2.6)	62.7	(3.7)	-0.09	(0.04)	0.45	(0.01)	0.54	(0.04)	0.83	(0.01)
	United States	51	(2.6)	65.0	(2.2)	-0.19	(0.08)	0.43	(0.05)	0.63	(0.08)	0.74	(0.01)
	OECD total	55	(1.2)	65.8	(0.9)	-0.43	(0.02)	0.36	(0.02)	0.79	(0.03)		
	OECD average	64	(0.6)	57.2	(0.7)	-0.33	(0.01)	0.30	(0.01)	0.63	(0.01)	0.76	(0.00)
Partners	Argentina	57	(2.3)	59.0	(2.6)	-1.23	(0.12)	-0.04	(0.13)	1.19	(0.15)	0.61	(0.02)
	Azerbaijan	15	(1.2)	13.9	(1.1)	-0.89	(0.04)	-0.02	(0.09)	0.86	(0.10)	0.63	(0.01)
	Brazil	48	(1.5)	58.3	(1.7)	-1.67	(0.03)	-0.68	(0.12)	0.98	(0.12)	0.61	(0.01)
	Bulgaria	68	(3.6)	68.3	(3.1)	-0.65	(0.06)	0.23	(0.11)	0.88	(0.12)	0.49	(0.02)
	Chile	54	(1.8)	73.3	(2.5)	-1.31	(0.04)	-0.12	(0.09)	1.18	(0.08)	0.47	(0.01)
	Colombia	31	(2.2)	55.9	(2.5)	-1.49	(0.06)	-0.59	(0.04)	0.90	(0.07)	0.60	(0.02)
	Croatia	83	(2.1)	60.3	(1.8)	-0.43	(0.04)	0.13	(0.03)	0.56	(0.04)	0.78	(0.01)
	Estonia	42	(3.0)	40.4	(3.3)	-0.11	(0.04)	0.38	(0.04)	0.49	(0.05)	0.81	(0.01)
	Hong Kong-China	64	(2.3)	39.8	(2.3)	-1.02	(0.05)	-0.43	(0.08)	0.60	(0.09)	0.76	(0.01)
	Indonesia	42	(1.3)	41.1	(1.4)	-2.02	(0.05)	-1.12	(0.16)	0.89	(0.16)	0.67	(0.01)
	Israel	69	(3.3)	45.2	(2.8)	-0.12	(0.03)	0.54	(0.04)	0.65	(0.05)	0.76	(0.01)
	Jordan	28	(1.8)	39.5	(3.9)	-0.93	(0.05)	-0.33	(0.08)	0.60	(0.09)	0.75	(0.01)
	Kyrgyzstan	75	(2.3)	56.7	(2.2)	-0.99	(0.02)	-0.40	(0.06)	0.59	(0.07)	0.74	(0.01)
	Latvia	35	(3.5)	46.1	(4.8)	-0.34	(0.02)	0.24	(0.06)	0.58	(0.06)	0.80	(0.01)
	Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c
	Lithuania	47	(2.3)	58.7	(2.5)	-0.32	(0.04)	0.33	(0.03)	0.65	(0.05)	0.73	(0.02)
	Macao-China	15	(5.6)	11.3	(3.7)	-1.20	(0.00)	-0.73	(0.11)	0.48	(0.11)	0.67	(0.03)
	Montenegro	65	(4.6)	59.7	(5.0)	-0.38	(0.00)	0.23	(0.00)	0.60	(0.00)	0.80	(0.03)
	Qatar	m	m	m	m	m	m	m	m	m	m	m	m
	Romania	60	(3.2)	55.7	(2.2)	-0.70	(0.06)	-0.10	(0.05)	0.60	(0.08)	0.66	(0.01)
	Russian Federation	39	(3.8)	34.1	(4.8)	-0.36	(0.05)	0.14	(0.05)	0.50	(0.06)	0.76	(0.02)
	Serbia	75	(1.8)	66.6	(2.1)	-0.51	(0.03)	0.17	(0.07)	0.68	(0.07)	0.74	(0.02)
	Slovenia	121	(2.6)	71.3	(1.3)	-0.20	(0.01)	0.51	(0.01)	0.71	(0.01)	0.74	(0.02)
	Chinese Taipei	107	(1.9)	57.7	(1.2)	-0.61	(0.03)	-0.02	(0.03)	0.60	(0.04)	0.77	(0.01)
	Thailand	42	(1.5)	70.4	(2.8)	-2.00	(0.03)	-1.04	(0.08)	0.96	(0.08)	0.50	(0.01)
	Tunisia	36	(1.3)	39.1	(2.4)	-1.89	(0.09)	-0.67	(0.07)	1.22	(0.09)	0.64	(0.01)
	Uruguay	45	(1.8)	60.4	(1.7)	-1.06	(0.08)	-0.07	(0.06)	0.99	(0.09)	0.62	(0.01)

1. In some countries, sub-units within schools were sampled instead of schools as administrative units and this may affect the estimation of school-level effects.
2. Single-level bivariate regression of science performance on the ESCS, the slope is the regression coefficient for the ESCS.
3. Two-level regression of science performance on student ESCS and school mean ESCS: within-school slope for ESCS and explained variance at the student level by the model.
4. Two-level regression of science performance on student ESCS and school mean ESCS: between-school slope for ESCS and explained variance at the school level by the model.
5. Distribution of the school mean ESCS, percentiles calculated at student-level.
6. The index of inclusion is derived from the intra-class correlation for ESCS as 1-rho.

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[Part 1/2]

Table 4.4c Relationship between student performance in science and the PISA index of economic, social and cultural status (ESCS) for PISA 2000, PISA 2003 and PISA 2006

Tableau 4.4c Relation entre la performance des élèves en sciences et l'indice PISA de statut économique, social et culturel (SESC) pour les cycles PISA 2000, PISA 2003 et PISA 2006

		Slope of ESCS for science,[1] PISA 2006		Strength of the relationship between science in PISA 2006 and the ESCS		Slope of ESCS for science,[1] PISA 2003		Strength of the relationship between science in PISA 2003 and the ESCS		Slope of ESCS for science,[1] PISA 2000		Strength of the relationship between science in PISA 2000 and the ESCS	
		Score point difference associated with one unit on the ESCS	S.E.	Percentage of explained variance in student performance	S.E.	Score point difference associated with one unit on the ESCS	S.E.	Percentage of explained variance in student performance	S.E.	Score point difference associated with one unit on the ESCS	S.E.	Percentage of explained variance in student performance	S.E.
OECD	Australia	**43**	(1.5)	**11.3**	(0.78)	47	(2.1)	14.6	(1.15)	42	(2.6)	14.3	(1.75)
	Austria	**46**	(3.1)	15.4	(2.02)	49	(2.2)	18.7	(1.48)	42	(2.7)	15.3	(1.70)
	Belgium	**48**	(1.9)	**19.4**	(1.29)	**55**	(1.8)	**24.5**	(1.32)	**53**	(2.7)	**20.0**	(1.51)
	Canada	**33**	(1.4)	**8.2**	(0.68)	**40**	(1.6)	**11.4**	(0.82)	**33**	(1.5)	**10.6**	(0.88)
	Czech Republic	**51**	(2.6)	15.6	(1.35)	**50**	(2.2)	16.4	(1.38)	**56**	(2.7)	**20.9**	(1.83)
	Denmark	39	(2.0)	14.1	(1.43)	47	(2.3)	16.3	(1.40)	**46**	(2.6)	16.6	(1.80)
	Finland	**31**	(1.6)	**8.3**	(0.87)	**34**	(1.7)	**9.9**	(0.97)	**26**	(2.3)	**7.3**	(1.24)
	France	**54**	(2.5)	**21.2**	(1.77)	**54**	(2.8)	**20.9**	(1.97)	**47**	(2.5)	18.5	(1.90)
	Germany	**46**	(2.1)	**19.0**	(1.45)	**54**	(1.7)	**25.9**	(1.51)	**54**	(2.6)	**23.4**	(2.19)
	Greece	37	(2.2)	15.0	(1.72)	**36**	(2.0)	**13.0**	(1.48)	**30**	(2.8)	**10.5**	(1.93)
	Hungary	**44**	(1.8)	**21.4**	(1.58)	**51**	(2.4)	**21.4**	(1.75)	**60**	(3.6)	**23.3**	(2.44)
	Iceland	**29**	(1.8)	**6.7**	(0.80)	**31**	(2.1)	**6.8**	(0.95)	**22**	(2.4)	**5.7**	(1.19)
	Ireland	39	(2.2)	12.7	(1.37)	44	(2.1)	17.8	(1.62)	**34**	(2.3)	12.8	(1.62)
	Italy	**31**	(1.6)	**10.0**	(0.94)	**40**	(2.2)	14.1	(1.32)	**30**	(2.4)	**9.3**	(1.34)
	Japan	39	(2.7)	**7.4**	(0.95)	48	(4.5)	**10.6**	(1.67)	m	m	m	m
	Korea	**32**	(3.1)	**8.1**	(1.49)	39	(3.3)	**10.9**	(1.75)	**27**	(2.8)	**8.4**	(1.70)
	Luxembourg	41	(1.2)	**21.7**	(1.12)	**40**	(1.6)	17.7	(1.27)	m	m	m	m
	Mexico	**25**	(1.3)	16.8	(1.72)	**28**	(1.9)	15.1	(1.82)	**26**	(2.2)	16.2	(2.67)
	Netherlands	44	(2.2)	16.7	(1.65)	47	(2.4)	17.3	(1.62)	m	m	m	m
	New Zealand	**52**	(1.8)	16.4	(1.11)	46	(1.7)	16.8	(1.13)	44	(2.5)	16.2	(1.60)
	Norway	36	(2.5)	**8.3**	(1.10)	47	(2.3)	**12.9**	(1.21)	38	(2.2)	13.1	(1.44)
	Poland	39	(1.8)	14.5	(1.13)	**52**	(2.1)	17.5	(1.29)	42	(3.5)	14.1	(2.11)
	Portugal	**28**	(1.4)	16.6	(1.50)	**29**	(1.6)	15.1	(1.55)	**33**	(2.2)	15.6	(2.23)
	Slovak Republic	**45**	(2.6)	**19.2**	(1.96)	**58**	(3.6)	**21.8**	(2.29)	a	a	a	a
	Spain	**31**	(1.3)	13.9	(1.21)	**36**	(2.0)	**13.3**	(1.38)	**35**	(2.1)	15.3	(1.71)
	Sweden	38	(2.1)	**10.6**	(0.97)	46	(2.4)	14.2	(1.36)	**33**	(2.3)	**9.3**	(1.20)
	Switzerland	**44**	(1.8)	15.7	(1.20)	**56**	(2.5)	**19.4**	(1.54)	**52**	(2.3)	**23.0**	(1.92)
	Turkey	**31**	(3.2)	16.5	(2.96)	41	(4.4)	22.2	(3.76)	a	a	a	a
	United Kingdom	**48**	(1.9)	13.9	(1.12)	m	m	m	m	m	m	m	m
	United States	**49**	(2.5)	**17.9**	(1.63)	48	(1.7)	18.5	(1.33)	46	(3.6)	**21.2**	(2.93)
	OECD average	40	(0.4)	14.4	(0.26)	45	(0.5)	16.4	(0.30)	40	(0.5)	15.1	(0.38)
Partners	Argentina	38	(2.4)	**19.5**	(2.33)	a	a	a	a	a	a	a	a
	Azerbaijan	**11**	(2.0)	**4.7**	(1.71)	a	a	a	a	a	a	a	a
	Brazil	**30**	(1.9)	17.1	(1.92)	**30**	(2.6)	**11.6**	(1.84)	**28**	(2.9)	12.2	(2.29)
	Bulgaria	**52**	(3.6)	**24.1**	(2.76)	a	a	a	a	a	a	a	a
	Chile	38	(1.8)	**23.3**	(1.92)	a	a	a	a	a	a	a	a
	Colombia	**23**	(1.6)	11.4	(1.57)	a	a	a	a	a	a	a	a
	Croatia	**34**	(1.9)	12.3	(1.21)	a	a	a	a	a	a	a	a
	Estonia	**31**	(2.0)	**9.3**	(1.12)	a	a	a	a	a	a	a	a
	Hong Kong-China	**26**	(2.3)	**6.9**	(1.26)	**30**	(2.5)	**6.7**	(1.20)	**32**	(3.0)	**9.4**	(1.93)
	Indonesia	**21**	(2.6)	10.2	(2.31)	**19**	(2.2)	**8.0**	(1.62)	**18**	(3.5)	**5.6**	(1.97)
	Israel	43	(2.7)	**10.9**	(1.10)	a	a	a	a	a	a	a	a
	Jordan	**27**	(1.8)	**11.2**	(1.35)	a	a	a	a	a	a	a	a
	Kyrgyzstan	**27**	(2.6)	**8.2**	(1.42)	a	a	a	a	a	a	a	a
	Latvia	**29**	(2.3)	**9.7**	(1.41)	**38**	(3.0)	**9.5**	(1.53)	36	(4.7)	**8.9**	(2.17)
	Liechtenstein	49	(5.5)	20.4	(4.42)	**61**	(6.7)	23.0	(4.47)	43	(7.6)	19.2	(6.74)
	Lithuania	38	(2.0)	15.2	(1.33)	a	a	a	a	a	a	a	a
	Macao-China	**13**	(1.5)	**2.2**	(0.49)	**10**	(3.1)	**0.9**	(0.59)	a	a	a	a
	Montenegro	**24**	(1.4)	**7.5**	(0.90)	a	a	a	a	a	a	a	a
	Qatar	m	m	m	m	m	m	m	m	m	m	m	m
	Romania	35	(3.4)	16.6	(3.15)	a	a	a	a	a	a	a	a
	Russian Federation	**32**	(2.6)	**8.1**	(1.23)	40	(2.3)	**9.0**	(1.01)	38	(3.3)	**8.0**	(1.29)
	Serbia	**33**	(1.8)	13.2	(1.27)	a	a	a	a	a	a	a	a
	Slovenia	**46**	(1.6)	**16.7**	(1.11)	a	a	a	a	a	a	a	a
	Chinese Taipei	42	(2.1)	12.5	(1.19)	a	a	a	a	a	a	a	a
	Thailand	**28**	(1.6)	15.9	(2.00)	**28**	(2.2)	12.8	(1.85)	**22**	(2.7)	**7.0**	(1.70)
	Tunisia	**19**	(2.2)	**9.5**	(2.11)	**19**	(2.5)	**7.2**	(1.83)	a	a	a	a
	Uruguay	**34**	(1.4)	**18.3**	(1.23)	**37**	(2.3)	**12.7**	(1.47)	a	a	a	a

Note: Values that are statistically significant are indicated in bold (see Annex A3). Differences are later cycle minus the earlier cycle.
1. Single-level bivariate regression of science performance on the ESCS, the slope is the regression coefficient for the ESCS.

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[Part 2/2]

Table 4.4c Relationship between student performance in science and the PISA index of economic, social and cultural status (ESCS) for PISA 2000, PISA 2003 and PISA 2006

Tableau 4.4c Relation entre la performance des élèves en sciences et l'indice PISA de statut économique, social et culturel (SESC) pour les cycles PISA 2000, PISA 2003 et PISA 2006

		Difference in ESCS slope between 2006 and 2000		Difference in ESCS slope between 2006 and 2003		Difference in ESCS slope between 2003 and 2000		Difference in ESCS percent explained between 2006 and 2000		Difference in ESCS percent explained between 2006 and 2003		Difference in ESCS percent explained between 2003 and 2000	
		Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	1.5	(3.1)	-3.7	(2.6)	5.2	(3.4)	-3.0	(1.9)	**-3.3**	(1.4)	0.2	(2.1)
	Austria	4.3	(4.1)	-2.5	(3.8)	**6.8**	(3.5)	0.1	(2.6)	-3.2	(2.5)	3.3	(2.3)
	Belgium	-5.7	(3.3)	**-7.3**	(2.6)	1.5	(3.2)	-0.6	(2.0)	**-5.1**	(1.8)	**4.5**	(2.0)
	Canada	0.3	(2.1)	**-7.2**	(2.1)	**7.5**	(2.2)	**-2.4**	(1.1)	**-3.1**	(1.1)	0.7	(1.2)
	Czech Republic	-4.9	(3.7)	0.6	(3.4)	-5.5	(3.5)	**-5.3**	(2.3)	-0.9	(1.9)	-4.4	(2.3)
	Denmark	**-6.7**	(3.3)	**-8.5**	(3.1)	1.8	(3.5)	-2.4	(2.3)	-2.1	(2.0)	-0.3	(2.3)
	Finland	5.4	(2.8)	-3.2	(2.3)	**8.6**	(2.8)	0.9	(1.5)	-1.6	(1.3)	2.6	(1.6)
	France	6.4	(3.5)	-0.2	(3.8)	6.5	(3.8)	2.7	(2.6)	0.2	(2.6)	2.4	(2.7)
	Germany	**-7.6**	(3.3)	**-7.5**	(2.7)	-0.1	(3.1)	-4.5	(2.6)	**-6.9**	(2.1)	2.5	(2.7)
	Greece	7.0	(3.6)	0.6	(3.0)	6.4	(3.4)	4.5	(2.6)	2.0	(2.3)	2.5	(2.4)
	Hungary	**-16.0**	(4.0)	**-6.6**	(3.0)	**-9.4**	(4.3)	-1.9	(2.9)	0.1	(2.4)	-2.0	(3.0)
	Iceland	**6.5**	(3.0)	-2.1	(2.8)	**8.6**	(3.2)	1.0	(1.4)	-0.1	(1.2)	1.1	(1.5)
	Ireland	4.7	(3.2)	-4.9	(3.1)	**9.5**	(3.1)	-0.2	(2.1)	**-5.1**	(2.1)	**4.9**	(2.3)
	Italy	0.6	(2.9)	**-8.7**	(2.7)	**9.3**	(3.3)	0.7	(1.6)	**-4.1**	(1.6)	**4.8**	(1.9)
	Japan	m	m	-9.6	(5.2)	m	m	m	m	-3.2	(1.9)	m	m
	Korea	4.3	(4.2)	-7.4	(4.6)	**11.7**	(4.3)	-0.3	(2.3)	-2.8	(2.3)	2.5	(2.4)
	Luxembourg	m	m	1.4	(2.0)	m	(1.6)	m	m	**4.0**	(1.7)	m	m
	Mexico	-1.3	(2.6)	-2.8	(2.3)	1.5	(2.9)	0.5	(3.2)	1.7	(2.5)	-1.2	(3.2)
	Netherlands	m	m	-3.3	(3.3)	m	(2.4)	m	m	-0.5	(2.3)	m	m
	New Zealand	**7.9**	(3.0)	**5.6**	(2.4)	2.3	(3.0)	0.2	(1.9)	-0.4	(1.6)	0.6	(2.0)
	Norway	-2.3	(3.3)	**-11.6**	(3.4)	**9.3**	(3.2)	**-4.9**	(1.8)	**-4.6**	(1.6)	-0.2	(1.9)
	Poland	-2.7	(3.9)	**-12.6**	(2.7)	**9.9**	(4.1)	0.4	(2.4)	-3.0	(1.7)	3.4	(2.5)
	Portugal	-4.3	(2.6)	-0.3	(2.1)	-4.0	(2.7)	1.0	(2.7)	1.5	(2.2)	-0.5	(2.7)
	Slovak Republic	a	a	**-12.7**	(4.4)	a	a	a	a	-2.6	(3.0)	a	a
	Spain	-3.4	(2.5)	**-4.7**	(2.4)	1.4	(2.9)	-1.4	(2.1)	0.6	(1.8)	-2.0	(2.2)
	Sweden	5.0	(3.1)	**-7.4**	(3.1)	**12.5**	(3.3)	1.2	(1.5)	**-3.6**	(1.7)	**4.8**	(1.8)
	Switzerland	**-7.4**	(3.0)	**-11.7**	(3.1)	4.3	(3.4)	**-7.3**	(2.3)	-3.7	(1.9)	-3.6	(2.5)
	Turkey	a	a	-10.3	(5.5)	a	a	a	a	-5.7	(4.8)	a	a
	United Kingdom	m	m	m	m	m	m	m	m	m	m	m	m
	United States	2.9	(4.4)	1.4	(3.0)	1.4	(3.9)	-3.3	(3.3)	-0.6	(2.1)	-2.7	(3.2)
	OECD average	-0.2	(0.7)	**-5.1**	(0.6)	**4.5**	(0.7)	**-1.0**	(0.5)	**-1.9**	(0.4)	**1.0**	(0.5)
Partners	Argentina	a	a	a	a	a	a	a	a	a	a	a	a
	Azerbaijan	a	a	a	a	a	a	a	a	a	a	a	a
	Brazil	1.4	(3.5)	-0.5	(3.2)	2.0	(3.9)	4.9	(3.0)	**5.5**	(2.7)	-0.6	(2.9)
	Bulgaria	a	a	a	a	a	a	a	a	a	a	a	a
	Chile	a	a	a	a	a	a	a	a	a	a	a	a
	Colombia	a	a	a	a	a	a	a	a	a	a	a	a
	Croatia	a	a	a	a	a	a	a	a	a	a	a	a
	Estonia	a	a	a	a	a	a	a	a	a	a	a	a
	Hong Kong-China	-6.0	(3.8)	-4.0	(3.4)	-2.0	(3.9)	-2.5	(2.3)	0.2	(1.7)	-2.6	(2.3)
	Indonesia	2.5	(4.4)	1.5	(3.4)	0.9	(4.1)	4.7	(3.0)	2.3	(2.8)	2.4	(2.5)
	Israel	a	a	a	a	a	a	a	a	a	a	a	a
	Jordan	a	a	a	a	a	a	a	a	a	a	a	a
	Kyrgyzstan	a	a	a	a	a	a	a	a	a	a	a	a
	Latvia	-6.9	(5.2)	**-8.9**	(3.8)	2.0	(5.6)	0.9	(2.6)	0.3	(2.1)	0.6	(2.7)
	Liechtenstein	5.4	(9.4)	-11.8	(8.7)	17.2	(10.2)	1.3	(8.1)	-2.6	(6.3)	3.9	(8.1)
	Lithuania	a	a	a	a	a	a	a	a	a	a	a	a
	Macao-China	a	a	3.4	(3.5)	a	a	a	a	1.3	(0.8)	a	a
	Montenegro	a	a	a	a	a	a	a	a	a	a	a	a
	Qatar	m	m	m	m	m	m	m	m	m	m	m	m
	Romania	a	a	a	a	a	a	a	a	a	a	a	a
	Russian Federation	-5.7	(4.2)	**-7.8**	(3.5)	2.2	(4.0)	0.1	(1.8)	-0.9	(1.6)	1.0	(1.6)
	Serbia	a	a	a	a	a	a	a	a	a	a	a	a
	Slovenia	a	a	a	a	a	a	a	a	a	a	a	a
	Chinese Taipei	a	a	a	a	a	a	a	a	a	a	a	a
	Thailand	6.0	(3.2)	-0.6	(2.8)	6.6	(3.5)	**8.9**	(2.6)	3.1	(2.7)	**5.8**	(2.5)
	Tunisia	a	a	-0.4	(3.3)	a	a	a	a	2.3	(2.8)	a	a
	Uruguay	a	a	-2.9	(2.7)	a	a	a	a	**5.5**	(1.9)	a	a

Note: Values that are statistically significant are indicated in bold (see Annex A3). Differences are later cycle minus the earlier cycle.
1. Single-level bivariate regression of science performance on the ESCS, the slope is the regression coefficient for the ESCS.

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[Part 1/2]

Table 4.4d Relationship between student performance in mathematics and the PISA index of economic, social and cultural status (ESCS) for PISA 2000, PISA 2003 and PISA 2006

Tableau 4.4d Relation entre la performance des élèves en mathématiques et l'indice PISA de statut économique, social et culturel (SESC) pour les cycles PISA 2000, PISA 2003 et PISA 2006

		Slope of ESCS for mathematics,[1] PISA 2006		Strength of the relationship between mathematics in PISA 2006 and the ESCS		Slope of ESCS for mathematics,[1] PISA 2003		Strength of the relationship between mathematics in PISA 2003 and the ESCS		Slope of ESCS for mathematics,[1] PISA 2000		Strength of the relationship between mathematics in PISA 2000 and the ESCS	
		Score point difference associated with one unit on the ESCS	S.E.	Percentage of explained variance in student performance	S.E.	Score point difference associated with one unit on the ESCS	S.E.	Percentage of explained variance in student performance	S.E.	Score point difference associated with one unit on the ESCS	S.E.	Percentage of explained variance in student performance	S.E.
OECD	Australia	38	(1.4)	**11.5**	(0.79)	42	(2.2)	**13.7**	(1.19)	44	(2.6)	17.1	(1.82)
	Austria	43	(3.3)	13.6	(2.04)	43	(2.3)	16.0	(1.57)	41	(2.8)	14.7	(1.89)
	Belgium	**49**	(2.3)	**17.9**	(1.17)	**55**	(1.7)	**24.1**	(1.32)	**49**	(2.7)	**19.3**	(1.76)
	Canada	**30**	(1.3)	**7.9**	(0.70)	**34**	(1.4)	**10.5**	(0.82)	**30**	(1.2)	**9.8**	(0.72)
	Czech Republic	**54**	(2.7)	16.1	(1.43)	**51**	(2.1)	19.5	(1.44)	**59**	(2.8)	**21.3**	(1.88)
	Denmark	**34**	(1.9)	13.0	(1.37)	44	(2.0)	17.6	(1.41)	36	(2.3)	14.4	(1.84)
	Finland	**32**	(1.5)	**10.0**	(0.96)	**33**	(1.6)	**10.8**	(1.05)	**26**	(1.7)	**8.7**	(1.08)
	France	**51**	(2.5)	**21.3**	(1.88)	43	(2.2)	19.6	(1.78)	38	(2.4)	15.5	(1.90)
	Germany	**47**	(2.4)	**19.5**	(1.59)	**47**	(1.7)	**22.8**	(1.47)	**54**	(2.8)	**22.8**	(2.38)
	Greece	37	(2.4)	15.5	(1.81)	**37**	(2.2)	15.9	(1.91)	37	(3.4)	13.3	(2.28)
	Hungary	**48**	(2.0)	**23.4**	(1.64)	**55**	(2.3)	**27.0**	(1.81)	**60**	(3.1)	**26.2**	(2.38)
	Iceland	**28**	(1.7)	**8.0**	(0.92)	**28**	(1.7)	**6.5**	(0.83)	**24**	(2.6)	**6.7**	(1.42)
	Ireland	35	(2.0)	13.6	(1.46)	39	(2.0)	16.2	(1.55)	**32**	(1.8)	13.4	(1.39)
	Italy	**29**	(1.5)	**8.8**	(0.83)	**34**	(2.0)	**13.6**	(1.34)	**25**	(2.2)	**7.3**	(1.30)
	Japan	40	(2.5)	**9.4**	(0.99)	46	(4.1)	**11.6**	(1.69)	m	m	m	m
	Korea	38	(3.7)	11.0	(1.79)	41	(3.1)	14.2	(1.95)	**32**	(2.4)	**11.0**	(1.55)
	Luxembourg	**36**	(1.0)	**17.8**	(0.90)	**35**	(1.2)	17.1	(1.01)	m	m	m	m
	Mexico	**26**	(1.5)	15.9	(1.59)	**29**	(1.9)	17.1	(2.06)	**30**	(2.2)	17.8	(2.59)
	Netherlands	39	(2.3)	15.5	(1.68)	45	(2.4)	18.6	(1.71)	m	m	m	m
	New Zealand	**43**	(1.6)	14.8	(1.01)	44	(1.6)	16.8	(1.20)	42	(2.6)	16.1	(1.79)
	Norway	35	(2.4)	**8.3**	(1.14)	44	(1.7)	**14.1**	(1.09)	**34**	(2.7)	**10.6**	(1.58)
	Poland	38	(1.6)	14.6	(1.12)	45	(1.8)	16.7	(1.21)	44	(3.6)	14.0	(2.12)
	Portugal	**29**	(1.5)	16.6	(1.59)	**29**	(1.2)	17.5	(1.50)	**34**	(2.1)	16.6	(2.15)
	Slovak Republic	**46**	(3.2)	**19.4**	(2.30)	**53**	(2.6)	**22.3**	(1.85)	a	a	a	a
	Spain	**30**	(1.3)	12.9	(1.16)	**33**	(1.7)	**14.0**	(1.33)	**33**	(2.0)	14.6	(1.76)
	Sweden	38	(1.9)	**11.6**	(0.99)	42	(2.1)	15.3	(1.32)	38	(2.2)	**12.1**	(1.39)
	Switzerland	40	(1.8)	13.4	(1.06)	**47**	(2.1)	16.8	(1.27)	**44**	(2.3)	17.1	(1.76)
	Turkey	35	(3.9)	16.8	(2.99)	45	(4.8)	22.3	(3.70)	a	a	a	a
	United Kingdom	41	(1.7)	14.1	(1.19)	m	m	m	m	m	m	m	m
	United States	42	(2.4)	**18.2**	(1.59)	**45**	(1.6)	19.0	(1.20)	**50**	(2.8)	**23.8**	(2.61)
	OECD average	38	(0.4)	14.4	(0.27)	42	(0.4)	16.8	(0.30)	39	(0.5)	15.2	(0.38)
Partners	Argentina	38	(2.9)	**19.3**	(2.39)	a	a	a	a	a	a	a	a
	Azerbaijan	**3**	(1.5)	**0.3**	(0.41)	a	a	a	a	a	a	a	a
	Brazil	**32**	(2.4)	18.6	(2.20)	**35**	(3.1)	15.3	(2.39)	35	(3.0)	16.7	(2.81)
	Bulgaria	**47**	(3.7)	**22.8**	(2.82)	a	a	a	a	a	a	a	a
	Chile	38	(1.9)	**25.4**	(2.16)	a	a	a	a	a	a	a	a
	Colombia	**26**	(2.2)	13.5	(1.99)	a	a	a	a	a	a	a	a
	Croatia	**32**	(1.8)	**11.2**	(1.13)	a	a	a	a	a	a	a	a
	Estonia	34	(2.2)	12.0	(1.40)	a	a	a	a	a	a	a	a
	Hong Kong-China	**26**	(2.5)	**6.8**	(1.28)	**31**	(2.9)	**6.5**	(1.27)	**27**	(3.3)	**5.7**	(1.50)
	Indonesia	**24**	(2.9)	10.1	(2.23)	**21**	(2.6)	**7.0**	(1.61)	**20**	(4.0)	**5.5**	(1.95)
	Israel	43	(2.7)	**11.9**	(1.14)	a	a	a	a	a	a	a	a
	Jordan	**27**	(1.9)	12.9	(1.61)	a	a	a	a	a	a	a	a
	Kyrgyzstan	**33**	(2.6)	**11.1**	(1.62)	a	a	a	a	a	a	a	a
	Latvia	**31**	(2.4)	11.6	(1.64)	38	(2.3)	**10.5**	(1.28)	**31**	(3.8)	**5.6**	(1.28)
	Liechtenstein	44	(5.9)	17.8	(4.73)	**55**	(5.9)	20.6	(3.71)	33	(8.6)	10.4	(4.67)
	Lithuania	41	(1.9)	**17.3**	(1.41)	a	a	a	a	a	a	a	a
	Macao-China	**14**	(1.6)	**2.2**	(0.49)	**14**	(3.3)	**1.9**	(0.89)	a	a	a	a
	Montenegro	**27**	(1.8)	**8.4**	(1.10)	a	a	a	a	a	a	a	a
	Qatar	m	m	m	m	m	m	m	m	m	m	m	m
	Romania	37	(3.6)	17.4	(3.12)	a	a	a	a	a	a	a	a
	Russian Federation	**33**	(2.8)	**8.4**	(1.40)	39	(2.3)	**10.0**	(1.08)	38	(4.0)	**7.2**	(1.47)
	Serbia	35	(2.1)	12.6	(1.30)	a	a	a	a	a	a	a	a
	Slovenia	**42**	(1.8)	17.0	(1.44)	a	a	a	a	a	a	a	a
	Chinese Taipei	**46**	(2.7)	12.9	(1.34)	a	a	a	a	a	a	a	a
	Thailand	**28**	(1.8)	14.6	(1.85)	**27**	(2.6)	**11.4**	(1.94)	**26**	(3.0)	**8.6**	(1.86)
	Tunisia	**27**	(2.4)	15.8	(2.70)	**24**	(2.4)	13.0	(2.43)	a	a	a	a
	Uruguay	36	(1.6)	**18.8**	(1.55)	38	(2.1)	15.9	(1.64)	a	a	a	a

Note: Values that are statistically significant are indicated in bold (see Annex A3). Differences are later cycle minus the earlier cycle.
1. Single-level bivariate regression of mathematics performance on the ESCS, the slope is the regression coefficient for the ESCS.

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[Part 2/2]

Table 4.4d Relationship between student performance in mathematics and the PISA index of economic, social and cultural status (ESCS) for PISA 2000, PISA 2003 and PISA 2006

Tableau 4.4d Relation entre la performance des élèves en mathématiques et l'indice PISA de statut économique, social et culturel (SESC) pour les cycles PISA 2000, PISA 2003 et PISA 2006

		Difference in ESCS slope between PISA 2006 and PISA 2000		Difference in ESCS slope between PISA 2006 and PISA 2003		Difference in ESCS slope between PISA 2003 and PISA 2000		Difference in ESCS percent explained between PISA 2006 and PISA 2000		Difference in ESCS percent explained between PISA 2006 and PISA 2003		Difference in ESCS percent explained between PISA 2003 and PISA 2000	
		Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	-5.6	(3.0)	-4.3	(2.6)	-1.3	(3.4)	**-5.6**	(2.0)	-2.1	(1.4)	-3.5	(2.2)
	Austria	2.9	(4.4)	0.2	(4.0)	2.8	(3.6)	-1.1	(2.8)	-2.4	(2.6)	1.3	(2.5)
	Belgium	-0.5	(3.5)	**-6.4**	(2.9)	5.9	(3.2)	-1.4	(2.1)	**-6.2**	(1.8)	**4.8**	(2.2)
	Canada	-0.5	(1.8)	**-4.6**	(2.0)	**4.1**	(1.9)	-2.0	(1.0)	**-2.6**	(1.1)	0.7	(1.1)
	Czech Republic	-4.7	(3.9)	2.8	(3.5)	**-7.5**	(3.5)	**-5.2**	(2.4)	-3.3	(2.0)	-1.8	(2.4)
	Denmark	-1.7	(2.9)	**-10.3**	(2.7)	**8.6**	(3.0)	-1.4	(2.3)	**-4.6**	(2.0)	3.2	(2.3)
	Finland	**6.4**	(2.2)	-0.9	(2.2)	**7.3**	(2.3)	1.3	(1.4)	-0.8	(1.4)	2.1	(1.5)
	France	**12.9**	(3.5)	**7.6**	(3.3)	5.3	(3.3)	**5.8**	(2.7)	1.7	(2.6)	4.1	(2.6)
	Germany	**-7.2**	(3.7)	0.0	(2.9)	**-7.2**	(3.3)	-3.2	(2.9)	-3.3	(2.2)	0.1	(2.8)
	Greece	-0.1	(4.2)	0.3	(3.3)	-0.4	(4.1)	2.2	(2.9)	-0.4	(2.6)	2.6	(3.0)
	Hungary	**-12.2**	(3.7)	**-7.3**	(3.1)	-5.0	(3.8)	-2.8	(2.9)	-3.6	(2.4)	0.8	(3.0)
	Iceland	4.9	(3.2)	0.3	(2.5)	4.6	(3.2)	1.4	(1.7)	1.6	(1.2)	-0.2	(1.6)
	Ireland	2.7	(2.7)	-3.4	(2.8)	**6.1**	(2.7)	0.2	(2.0)	-2.6	(2.1)	2.8	(2.1)
	Italy	4.0	(2.7)	**-5.7**	(2.5)	**9.7**	(3.0)	1.4	(1.5)	**-4.8**	(1.6)	**6.3**	(1.9)
	Japan	m	m	-6.7	(4.8)	m	m	m	m	-2.2	(2.0)	m	m
	Korea	5.4	(4.3)	-3.2	(4.8)	**8.6**	(3.9)	0.0	(2.4)	-3.2	(2.6)	3.2	(2.5)
	Luxembourg	m	m	0.9	(1.6)	m	m	m	m	0.7	(1.4)	m	m
	Mexico	-4.5	(2.6)	-3.4	(2.4)	-1.0	(2.9)	-1.9	(3.0)	-1.2	(2.6)	-0.7	(3.3)
	Netherlands	m	m	-5.8	(3.3)	m	m	m	m	-3.1	(2.4)	m	m
	New Zealand	0.5	(3.0)	-0.9	(2.3)	1.4	(3.0)	-1.4	(2.1)	-2.0	(1.6)	0.7	(2.2)
	Norway	1.0	(3.7)	**-9.4**	(3.0)	**10.4**	(3.2)	-2.2	(1.9)	**-5.8**	(1.6)	3.5	(1.9)
	Poland	-6.3	(3.9)	**-6.7**	(2.4)	0.4	(4.0)	0.5	(2.4)	-2.1	(1.6)	2.6	(2.4)
	Portugal	-5.1	(2.6)	0.1	(2.0)	**-5.2**	(2.4)	0.0	(2.7)	-0.9	(2.2)	0.9	(2.6)
	Slovak Republic	a	a	-7.4	(4.1)	a	a	a	a	-2.9	(3.0)	a	a
	Spain	-2.8	(2.4)	-3.1	(2.1)	0.2	(2.6)	-1.7	(2.1)	-1.1	(1.8)	-0.6	(2.2)
	Sweden	0.6	(2.9)	-3.8	(2.8)	4.4	(3.0)	-0.5	(1.7)	**-3.7**	(1.7)	3.2	(1.9)
	Switzerland	-3.5	(2.9)	**-7.4**	(2.8)	4.0	(3.2)	-3.7	(2.1)	**-3.4**	(1.7)	-0.3	(2.2)
	Turkey	a	a	-10.2	(6.2)	a	a	a	a	-5.5	(4.8)	a	a
	United Kingdom	m	m	m	m	m	m	m	m	m	m	m	m
	United States	**-7.8**	(3.7)	-3.2	(2.9)	-4.5	(3.2)	-5.5	(3.1)	-0.8	(2.0)	-4.7	(2.9)
	OECD average	-0.9	(0.7)	**-3.5**	(0.6)	**2.1**	(0.7)	**-1.1**	(0.5)	**-2.4**	(0.4)	**1.3**	(0.5)
Partners	Argentina	a	a	a	a	a	a	a	a	a	a	a	a
	Azerbaijan	a	a	a	a	a	a	a	a	a	a	a	a
	Brazil	-3.1	(3.8)	-3.3	(4.0)	0.2	(4.3)	1.9	(3.6)	3.3	(3.2)	-1.4	(3.7)
	Bulgaria	a	a	a	a	a	a	a	a	a	a	a	a
	Chile	a	a	a	a	a	a	a	a	a	a	a	a
	Colombia	a	a	a	a	a	a	a	a	a	a	a	a
	Croatia	a	a	a	a	a	a	a	a	a	a	a	a
	Estonia	a	a	a	a	a	a	a	a	a	a	a	a
	Hong Kong-China	-0.5	(4.2)	-5.1	(3.9)	4.5	(4.4)	1.1	(2.0)	0.3	(1.8)	0.8	(2.0)
	Indonesia	3.2	(4.9)	2.4	(3.9)	0.8	(4.8)	4.6	(3.0)	3.2	(2.7)	1.5	(2.5)
	Israel	a	a	a	a	a	a	a	a	a	a	a	a
	Jordan	a	a	a	a	a	a	a	a	a	a	a	a
	Kyrgyzstan	a	a	a	a	a	a	a	a	a	a	a	a
	Latvia	0.4	(4.5)	**-6.8**	(3.3)	7.2	(4.4)	**5.9**	(2.1)	1.1	(2.1)	**4.8**	(1.8)
	Liechtenstein	10.8	(10.4)	-11.3	(8.3)	**22.1**	(10.4)	7.3	(6.6)	-2.9	(6.0)	10.2	(6.0)
	Lithuania	a	a	a	a	a	a	a	a	a	a	a	a
	Macao-China	a	a	0.3	(3.6)	a	a	a	a	0.3	(1.0)	a	a
	Montenegro	a	a	a	a	a	a	a	a	a	a	a	a
	Qatar	m	m	m	m	m	m	m	m	m	m	m	m
	Romania	a	a	a	a	a	a	a	a	a	a	a	a
	Russian Federation	-5.1	(4.8)	-6.2	(3.6)	1.1	(4.6)	1.1	(2.0)	-1.6	(1.8)	2.8	(1.8)
	Serbia	a	a	a	a	a	a	a	a	a	a	a	a
	Slovenia	a	a	a	a	a	a	a	a	a	a	a	a
	Chinese Taipei	a	a	a	a	a	a	a	a	a	a	a	a
	Thailand	2.1	(3.5)	1.1	(3.1)	1.0	(3.9)	**6.0**	(2.6)	3.2	(2.7)	2.8	(2.7)
	Tunisia	a	a	2.9	(3.4)	a	a	a	a	2.8	(3.6)	a	a
	Uruguay	a	a	-1.3	(2.6)	a	a	a	a	2.9	(2.3)	a	a

Note: Values that are statistically significant are indicated in bold (see Annex A3). Differences are later cycle minus the earlier cycle.
1. Single-level bivariate regression of mathematics performance on the ESCS, the slope is the regression coefficient for the ESCS.

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[Part 1/2]

Table 4.4e Relationship between student performance in reading and the PISA index of economic, social and cultural status (ESCS) for PISA 2000, PISA 2003 and PISA 2006

Tableau 4.4e Relation entre la performance des élèves en compréhension de l'écrit et l'indice PISA de statut économique, social et culturel (SESC) pour les cycles PISA 2000, PISA 2003 et PISA 2006

		Slope of ESCS for reading,[1] PISA 2006		Strength of the relationship between reading in PISA 2006 and the ESCS		Slope of ESCS for reading,[1] PISA 2003		Strength of the relationship between reading in PISA 2003 and the ESCS		Slope of ESCS for reading,[1] PISA 2000		Strength of the relationship between reading in PISA 2000 and the ESCS	
		Score point difference associated with one unit on the ESCS	S.E.	Percentage of explained variance in student performance	S.E.	Score point difference associated with one unit on the ESCS	S.E.	Percentage of explained variance in student performance	S.E.	Score point difference associated with one unit on the ESCS	S.E.	Percentage of explained variance in student performance	S.E.
OECD	Australia	**41**	(1.4)	11.8	(0.77)	44	(1.9)	14.2	(1.08)	**50**	(2.4)	17.4	(1.65)
	Austria	**46**	(3.7)	12.9	(2.01)	**54**	(2.3)	**21.3**	(1.61)	44	(2.3)	16.6	(1.36)
	Belgium	**48**	(2.2)	**16.0**	(1.18)	**54**	(2.0)	**22.8**	(1.37)	**50**	(2.1)	**18.9**	(1.32)
	Canada	36	(1.6)	**9.5**	(0.77)	**34**	(1.3)	**9.9**	(0.75)	**37**	(1.2)	**12.2**	(0.63)
	Czech Republic	**51**	(3.4)	12.5	(1.37)	44	(2.2)	15.5	(1.45)	**60**	(2.5)	**22.9**	(1.82)
	Denmark	**32**	(2.1)	10.7	(1.27)	41	(1.9)	16.3	(1.27)	43	(2.0)	16.1	(1.44)
	Finland	**29**	(1.7)	**7.7**	(0.92)	**30**	(1.6)	**9.6**	(0.97)	**28**	(2.0)	**8.6**	(0.98)
	France	**48**	(2.8)	**16.4**	(1.70)	45	(2.7)	**19.5**	(1.95)	43	(2.1)	19.0	(1.67)
	Germany	**47**	(2.6)	**15.9**	(1.46)	**48**	(1.7)	**22.5**	(1.35)	**59**	(2.8)	**23.6**	(2.48)
	Greece	34	(2.9)	10.7	(1.64)	**34**	(2.1)	**10.9**	(1.43)	**32**	(2.7)	12.2	(1.91)
	Hungary	**45**	(2.5)	**19.4**	(1.71)	**48**	(2.3)	**21.7**	(1.83)	**57**	(2.8)	**25.4**	(2.18)
	Iceland	**24**	(1.9)	**4.9**	(0.73)	**24**	(2.2)	**4.0**	(0.75)	**27**	(1.6)	**7.4**	(0.86)
	Ireland	38	(2.3)	12.3	(1.36)	39	(2.1)	16.5	(1.69)	**34**	(1.8)	**12.3**	(1.25)
	Italy	**30**	(1.8)	**7.5**	(0.82)	**37**	(2.0)	14.1	(1.27)	**30**	(2.0)	**10.4**	(1.17)
	Japan	39	(3.0)	**7.3**	(1.00)	47	(3.8)	**10.8**	(1.50)	m	m	m	m
	Korea	**28**	(3.2)	**6.6**	(1.34)	**32**	(2.8)	**10.9**	(1.69)	**24**	(2.3)	**8.6**	(1.56)
	Luxembourg	**41**	(1.2)	**20.6**	(1.07)	**38**	(1.4)	17.4	(1.12)	m	m	m	m
	Mexico	**28**	(1.8)	14.5	(1.68)	**32**	(2.3)	16.9	(2.29)	**33**	(2.0)	19.8	(2.44)
	Netherlands	40	(2.5)	13.7	(1.58)	37	(2.2)	15.5	(1.62)	m	m	m	m
	New Zealand	**49**	(2.2)	**14.9**	(1.23)	**46**	(1.8)	16.7	(1.20)	**46**	(2.3)	15.2	(1.43)
	Norway	38	(2.7)	**7.8**	(1.01)	44	(2.1)	**11.7**	(1.14)	41	(2.0)	**12.6**	(1.22)
	Poland	**42**	(1.9)	13.3	(1.09)	**46**	(2.3)	15.8	(1.30)	44	(3.4)	14.3	(1.90)
	Portugal	**33**	(1.8)	**17.9**	(1.63)	**26**	(1.8)	12.8	(1.60)	38	(2.1)	18.0	(2.06)
	Slovak Republic	45	(3.4)	14.9	(2.05)	**51**	(2.5)	**20.9**	(1.89)	a	a	a	a
	Spain	**27**	(1.5)	10.5	(1.20)	**32**	(2.1)	**11.4**	(1.33)	**32**	(1.5)	15.8	(1.47)
	Sweden	36	(2.5)	**8.5**	(1.07)	41	(2.1)	14.2	(1.26)	**37**	(1.6)	**11.7**	(1.01)
	Switzerland	39	(1.6)	14.0	(1.04)	**47**	(2.2)	17.9	(1.51)	**51**	(2.1)	**21.4**	(1.63)
	Turkey	**31**	(2.9)	13.1	(2.37)	39	(4.1)	20.3	(3.55)	a	a	a	a
	United Kingdom	**43**	(1.9)	12.2	(1.07)	m	m	m	m	m	m	m	m
	United States	m	m	m	m	**47**	(1.7)	**18.0**	(1.24)	**47**	(2.8)	19.3	(2.05)
	OECD average	38	(0.4)	12.3	(0.26)	41	(0.4)	15.5	(0.29)	41	(0.5)	15.8	(0.33)
Partners	Argentina	39	(2.9)	13.5	(2.11)	a	a	a	a	a	a	a	a
	Azerbaijan	**18**	(2.7)	**7.2**	(1.99)	a	a	a	a	a	a	a	a
	Brazil	**30**	(2.7)	13.7	(1.84)	**29**	(2.6)	**8.6**	(1.52)	**28**	(1.9)	13.9	(1.85)
	Bulgaria	**55**	(4.2)	**22.7**	(2.88)	a	a	a	a	a	a	a	a
	Chile	38	(2.4)	**18.6**	(2.06)	a	a	a	a	a	a	a	a
	Colombia	**28**	(2.3)	10.3	(1.70)	a	a	a	a	a	a	a	a
	Croatia	**32**	(2.0)	10.2	(1.13)	a	a	a	a	a	a	a	a
	Estonia	**29**	(2.5)	**7.7**	(1.21)	a	a	a	a	a	a	a	a
	Hong Kong-China	**22**	(2.4)	**6.3**	(1.34)	**24**	(2.5)	**5.3**	(1.13)	**28**	(2.8)	**7.8**	(1.64)
	Indonesia	**23**	(2.6)	10.8	(2.22)	**20**	(2.2)	**6.8**	(1.39)	**23**	(2.9)	**9.1**	(2.04)
	Israel	40	(3.3)	**8.2**	(1.16)	a	a	a	a	a	a	a	a
	Jordan	**28**	(2.2)	11.3	(1.68)	a	a	a	a	a	a	a	a
	Kyrgyzstan	36	(3.0)	9.8	(1.45)	a	a	a	a	a	a	a	a
	Latvia	**31**	(2.5)	**9.4**	(1.43)	**33**	(3.1)	**7.7**	(1.49)	38	(3.6)	**9.0**	(1.57)
	Liechtenstein	45	(4.8)	18.1	(4.02)	47	(5.9)	18.6	(4.47)	43	(5.6)	17.1	(4.53)
	Lithuania	39	(2.2)	14.0	(1.46)	a	a	a	a	a	a	a	a
	Macao-China	**12**	(1.8)	**1.8**	(0.54)	**8**	(2.5)	**0.9**	(0.62)	a	a	a	a
	Montenegro	**24**	(1.7)	**6.0**	(0.85)	a	a	a	a	a	a	a	a
	Qatar	m	m	m	m	m	m	m	m	m	m	m	m
	Romania	32	(3.6)	11.0	(2.42)	a	a	a	a	a	a	a	a
	Russian Federation	34	(3.0)	**8.3**	(1.37)	41	(2.1)	**10.9**	(1.03)	40	(2.9)	**10.2**	(1.45)
	Serbia	36	(2.1)	14.0	(1.36)	a	a	a	a	a	a	a	a
	Slovenia	39	(1.7)	**15.1**	(1.32)	a	a	a	a	a	a	a	a
	Chinese Taipei	38	(2.0)	13.0	(1.21)	a	a	a	a	a	a	a	a
	Thailand	**28**	(1.8)	14.7	(2.00)	**24**	(2.2)	**9.9**	(1.71)	**22**	(2.7)	**7.3**	(1.71)
	Tunisia	**21**	(2.4)	8.5	(2.04)	**21**	(2.5)	**7.6**	(1.77)	a	a	a	a
	Uruguay	38	(2.2)	13.5	(1.39)	41	(2.3)	12.8	(1.39)	a	a	a	a

Note: Values that are statistically significant are indicated in bold (see Annex A3). Differences are later cycle minus the earlier cycle.
1. Single-level bivariate regression of reading performance on the ESCS, the slope is the regression coefficient for the ESCS.

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[Part 2/2]

Table 4.4e Relationship between student performance in reading and the PISA index of economic, social and cultural status (ESCS) for PISA 2000, PISA 2003 and PISA 2006

Tableau 4.4e Relation entre la performance des élèves en compréhension de l'écrit et l'indice PISA de statut économique, social et culturel (SESC) pour les cycles PISA 2000, PISA 2003 et PISA 2006

		Difference in ESCS slope between PISA 2006 and PISA 2000		Difference in ESCS slope between PISA 2006 and PISA 2003		Difference in ESCS slope between PISA 2003 and PISA 2000		Difference in ESCS percent explained between PISA 2006 and PISA 2000		Difference in ESCS percent explained between PISA 2006 and PISA 2003		Difference in ESCS percent explained between PISA 2003 and PISA 2000	
		Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	**-9.0**	(2.8)	-2.9	(2.4)	-6.1	(3.1)	**-5.7**	(1.8)	-2.4	(1.3)	-3.2	(2.0)
	Austria	2.2	(4.3)	-7.4	(4.4)	**9.6**	(3.2)	-3.7	(2.4)	**-8.4**	(2.6)	**4.6**	(2.1)
	Belgium	-1.9	(3.0)	**-5.9**	(3.0)	4.0	(2.9)	-2.9	(1.8)	**-6.9**	(1.8)	**3.9**	(1.9)
	Canada	-0.9	(2.0)	3.0	(2.1)	**-3.8**	(1.8)	**-2.7**	(1.0)	-0.4	(1.1)	**-2.3**	(1.0)
	Czech Republic	**-8.5**	(4.3)	7.4	(4.1)	**-15.9**	(3.3)	**-10.4**	(2.3)	-3.0	(2.0)	**-7.4**	(2.3)
	Denmark	**-10.3**	(2.9)	**-8.8**	(2.8)	-1.5	(2.8)	**-5.4**	(1.9)	**-5.6**	(1.8)	0.2	(1.9)
	Finland	0.1	(2.6)	-1.5	(2.3)	1.7	(2.5)	-0.9	(1.3)	-1.8	(1.3)	1.0	(1.4)
	France	5.4	(3.5)	2.9	(3.9)	2.6	(3.4)	-2.6	(2.4)	-3.1	(2.6)	0.6	(2.6)
	Germany	**-11.6**	(3.8)	-1.2	(3.1)	**-10.4**	(3.3)	**-7.7**	(2.9)	**-6.6**	(2.0)	-1.1	(2.8)
	Greece	2.4	(4.0)	0.3	(3.5)	2.1	(3.4)	-1.5	(2.5)	-0.2	(2.2)	-1.3	(2.4)
	Hungary	**-12.0**	(3.8)	-3.5	(3.4)	**-8.6**	(3.6)	**-6.0**	(2.8)	-2.3	(2.5)	-3.7	(2.8)
	Iceland	-2.2	(2.5)	0.3	(2.9)	-2.5	(2.7)	**-2.4**	(1.1)	0.9	(1.0)	**-3.4**	(1.1)
	Ireland	3.4	(3.0)	-1.7	(3.1)	5.1	(2.8)	0.0	(1.9)	-4.2	(2.2)	**4.2**	(2.1)
	Italy	0.2	(2.7)	**-6.7**	(2.6)	**6.8**	(2.8)	**-3.0**	(1.4)	**-6.6**	(1.5)	**3.6**	(1.7)
	Japan	m	m	-7.5	(4.8)	m	m	m	m	-3.4	(1.8)	m	m
	Korea	4.0	(4.0)	-4.1	(4.2)	**8.1**	(3.6)	-2.0	(2.1)	**-4.3**	(2.2)	2.4	(2.3)
	Luxembourg	m	m	3.4	(1.9)	m	m	m	m	**3.2**	(1.5)	m	m
	Mexico	-5.0	(2.6)	-4.7	(2.9)	-0.3	(3.0)	-5.2	(3.0)	-2.4	(2.8)	-2.9	(3.3)
	Netherlands	m	m	2.4	(3.3)	m	m	m	m	-1.8	(2.3)	m	m
	New Zealand	3.0	(3.2)	2.1	(2.8)	0.9	(2.9)	-0.2	(1.9)	-1.7	(1.7)	1.5	(1.9)
	Norway	-3.1	(3.4)	-6.4	(3.4)	3.3	(2.9)	**-4.8**	(1.6)	**-3.9**	(1.5)	-0.9	(1.7)
	Poland	-1.6	(3.9)	-4.4	(3.0)	2.8	(4.1)	-1.1	(2.2)	-2.6	(1.7)	1.5	(2.3)
	Portugal	-5.3	(2.8)	**6.5**	(2.5)	**-11.8**	(2.7)	-0.1	(2.6)	**5.1**	(2.3)	**-5.2**	(2.6)
	Slovak Republic	a	a	-6.5	(4.2)	a	a	a	a	**-6.1**	(2.8)	a	a
	Spain	**-4.8**	(2.1)	**-5.1**	(2.6)	0.3	(2.5)	**-5.3**	(1.9)	-0.9	(1.8)	**-4.4**	(2.0)
	Sweden	-0.9	(3.0)	-5.1	(3.3)	4.3	(2.7)	**-3.2**	(1.5)	**-5.7**	(1.7)	2.5	(1.6)
	Switzerland	**-11.0**	(2.6)	**-7.7**	(2.7)	-3.3	(3.0)	**-7.3**	(1.9)	**-3.9**	(1.8)	-3.5	(2.2)
	Turkey	a	a	-8.5	(5.0)	a	a	a	a	-7.2	(4.3)	a	a
	United Kingdom	m	m	m	m	m	m	m	m	m	m	m	m
	United States	m	m	m	m	-0.2	(3.3)	m	m	m	m	-1.4	(2.4)
	OECD average	**-2.9**	(0.7)	**-2.5**	(0.6)	-0.5	(0.6)	**-3.7**	(0.4)	**-3.1**	(0.4)	-0.6	(0.4)
Partners	Argentina	a	a	a	a	a	a	a	a	a	a	a	a
	Azerbaijan	a	a	a	a	a	a	a	a	a	a	a	a
	Brazil	1.8	(3.3)	1.1	(3.7)	0.8	(3.2)	-0.2	(2.6)	**5.1**	(2.4)	**-5.3**	(2.4)
	Bulgaria	a	a	a	a	a	a	a	a	a	a	a	a
	Chile	a	a	a	a	a	a	a	a	a	a	a	a
	Colombia	a	a	a	a	a	a	a	a	a	a	a	a
	Croatia	a	a	a	a	a	a	a	a	a	a	a	a
	Estonia	a	a	a	a	a	a	a	a	a	a	a	a
	Hong Kong-China	-6.0	(3.7)	-1.5	(3.4)	-4.5	(3.8)	-1.5	(2.1)	1.0	(1.8)	-2.5	(2.0)
	Indonesia	0.0	(3.9)	2.8	(3.4)	-2.8	(3.6)	1.6	(3.0)	3.9	(2.6)	-2.3	(2.5)
	Israel	a	a	a	a	a	a	a	a	a	a	a	a
	Jordan	a	a	a	a	a	a	a	a	a	a	a	a
	Kyrgyzstan	a	a	a	a	a	a	a	a	a	a	a	a
	Latvia	-7.6	(4.4)	-2.6	(4.0)	-5.0	(4.7)	0.5	(2.1)	1.8	(2.1)	-1.3	(2.2)
	Liechtenstein	1.3	(7.4)	-2.6	(7.6)	3.9	(8.1)	1.0	(6.1)	-0.5	(6.0)	1.4	(6.4)
	Lithuania	a	a	a	a	a	a	a	a	a	a	a	a
	Macao-China	a	a	4.3	(3.1)	a	a	a	a	0.9	(0.8)	a	a
	Montenegro	a	a	a	a	a	a	a	a	a	a	a	a
	Qatar	m	m	m	m	m	m	m	m	m	m	m	m
	Romania	a	a	a	a	a	a	a	a	a	a	a	a
	Russian Federation	-5.9	(4.2)	**-7.3**	(3.7)	1.4	(3.6)	-1.9	(2.0)	-2.6	(1.7)	0.7	(1.8)
	Serbia	a	a	a	a	a	a	a	a	a	a	a	a
	Slovenia	a	a	a	a	a	a	a	a	a	a	a	a
	Chinese Taipei	a	a	a	a	a	a	a	a	a	a	a	a
	Thailand	6.3	(3.2)	4.3	(2.9)	2.0	(3.5)	**7.4**	(2.6)	4.8	(2.6)	2.6	(2.4)
	Tunisia	a	a	-0.6	(3.5)	a	a	a	a	0.9	(2.7)	a	a
	Uruguay	a	a	-3.6	(3.2)	a	a	a	a	0.7	(2.0)	a	a

Note: Values that are statistically significant are indicated in bold (see Annex A3). Differences are later cycle minus the earlier cycle.
1. Single-level bivariate regression of reading performance on the ESCS, the slope is the regression coefficient for the ESCS.

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[Part 1/1]

Table 4.5 Relationship between science motivational indices and the PISA index of economic, social and cultural status (ESCS)

Tableau 4.5 Relation entre les indices de motivation et l'indice PISA de statut économique, social et culturel (SESC)

		Percentage of variance for the following indices explained by ESCS									
		Interest in learning science topics		General interest in science		Enjoyment of science		Instrumental motivation to learn science		Future-oriented motivation to learn science	
		Percentage	S.E.	Percentage	S.E.	Percentage	S.E.	Percentage	S.E.	Percentage	S.E.
OECD	Australia	0.4	(0.15)	2.4	(0.35)	3.4	(0.41)	2.1	(0.34)	1.4	(0.25)
	Austria	0.0	(0.04)	1.9	(0.49)	2.2	(0.54)	0.0	(0.03)	1.0	(0.35)
	Belgium	0.0	(0.05)	3.8	(0.66)	3.0	(0.57)	1.1	(0.32)	2.0	(0.44)
	Canada	0.2	(0.09)	1.7	(0.29)	2.5	(0.34)	2.1	(0.38)	2.2	(0.36)
	Czech Republic	0.0	(0.09)	0.7	(0.34)	0.4	(0.19)	0.1	(0.09)	0.2	(0.14)
	Denmark	1.5	(0.48)	2.9	(0.58)	3.6	(0.61)	1.0	(0.29)	1.5	(0.45)
	Finland	1.5	(0.45)	2.7	(0.54)	2.2	(0.49)	3.2	(0.55)	3.1	(0.58)
	France	0.4	(0.24)	3.6	(0.60)	3.3	(0.68)	2.8	(0.61)	2.5	(0.54)
	Germany	0.4	(0.21)	1.8	(0.52)	4.0	(0.57)	0.6	(0.27)	2.2	(0.49)
	Greece	0.1	(0.13)	3.6	(0.63)	3.4	(0.55)	0.9	(0.33)	1.8	(0.39)
	Hungary	0.1	(0.15)	1.1	(0.40)	1.3	(0.47)	0.0	(0.06)	0.4	(0.32)
	Iceland	1.4	(0.41)	3.1	(0.58)	4.5	(0.70)	3.7	(0.67)	3.3	(0.58)
	Ireland	1.5	(0.47)	4.9	(0.60)	4.5	(0.59)	3.3	(0.55)	3.0	(0.54)
	Italy	0.0	(0.06)	1.6	(0.31)	1.4	(0.29)	1.7	(0.37)	1.3	(0.26)
	Japan	0.8	(0.25)	2.2	(0.45)	1.5	(0.39)	2.5	(0.45)	1.9	(0.44)
	Korea	2.6	(0.77)	3.5	(0.70)	3.2	(0.79)	1.1	(0.50)	1.0	(0.49)
	Luxembourg	0.3	(0.17)	2.5	(0.48)	2.5	(0.42)	0.4	(0.18)	0.6	(0.22)
	Mexico	1.5	(0.44)	0.2	(0.15)	0.8	(0.31)	0.3	(0.14)	2.2	(0.49)
	Netherlands	0.1	(0.21)	2.1	(0.60)	2.4	(0.50)	0.5	(0.23)	1.5	(0.47)
	New Zealand	0.3	(0.23)	1.7	(0.51)	3.8	(0.59)	2.4	(0.53)	1.9	(0.43)
	Norway	1.0	(0.50)	3.0	(0.59)	2.8	(0.53)	1.8	(0.47)	1.0	(0.29)
	Poland	0.4	(0.20)	0.9	(0.28)	0.7	(0.27)	0.0	(0.03)	0.0	(0.05)
	Portugal	1.4	(0.57)	1.1	(0.37)	0.9	(0.38)	5.0	(0.83)	2.0	(0.52)
	Slovak Republic	0.0	(0.05)	2.5	(0.78)	0.4	(0.29)	0.0	(0.08)	0.0	(0.05)
	Spain	0.0	(0.04)	2.3	(0.39)	3.0	(0.55)	3.1	(0.47)	2.9	(0.49)
	Sweden	1.5	(0.47)	2.8	(0.70)	3.1	(0.73)	2.6	(0.63)	3.1	(0.54)
	Switzerland	0.5	(0.20)	3.2	(0.44)	3.2	(0.40)	1.4	(0.27)	2.3	(0.34)
	Turkey	0.8	(0.38)	0.9	(0.35)	0.7	(0.37)	0.1	(0.12)	0.0	(0.06)
	United Kingdom	0.7	(0.26)	1.8	(0.39)	2.9	(0.52)	1.5	(0.34)	1.2	(0.32)
	United States	0.5	(0.31)	0.5	(0.24)	2.3	(0.49)	1.2	(0.34)	0.8	(0.29)
	OECD total	2.2	(0.24)	0.0	(0.02)	0.1	(0.03)	0.1	(0.03)	0.0	(0.03)
	OECD average	0.7	(0.06)	2.2	(0.09)	2.5	(0.09)	1.6	(0.07)	1.6	(0.07)
Partners	Argentina	3.7	(1.03)	0.2	(0.20)	0.4	(0.29)	0.4	(0.27)	0.3	(0.21)
	Azerbaijan	1.3	(0.51)	1.0	(0.41)	0.1	(0.14)	0.1	(0.16)	0.8	(0.35)
	Brazil	1.7	(0.61)	0.0	(0.06)	0.2	(0.17)	0.3	(0.17)	0.4	(0.18)
	Bulgaria	0.0	(0.12)	1.1	(0.45)	0.3	(0.25)	0.1	(0.11)	0.5	(0.35)
	Chile	4.3	(0.87)	0.0	(0.03)	0.7	(0.28)	0.4	(0.29)	0.6	(0.30)
	Colombia	0.4	(0.27)	1.0	(0.39)	0.3	(0.27)	0.5	(0.44)	1.6	(0.62)
	Croatia	0.9	(0.31)	0.4	(0.19)	0.0	(0.07)	0.0	(0.06)	0.0	(0.06)
	Estonia	0.1	(0.14)	2.1	(0.53)	1.0	(0.34)	0.2	(0.14)	0.4	(0.23)
	Hong Kong-China	0.7	(0.29)	1.4	(0.45)	1.5	(0.43)	0.0	(0.06)	0.1	(0.11)
	Indonesia	0.7	(0.29)	1.0	(0.36)	0.1	(0.14)	0.3	(0.34)	0.2	(0.25)
	Israel	1.5	(0.50)	0.0	(0.05)	0.0	(0.05)	0.0	(0.05)	0.0	(0.05)
	Jordan	0.0	(0.04)	1.3	(0.40)	0.5	(0.32)	1.2	(0.31)	1.2	(0.38)
	Kyrgyzstan	0.0	(0.08)	0.0	(0.08)	1.2	(0.43)	1.6	(0.57)	3.2	(0.70)
	Latvia	0.0	(0.11)	0.6	(0.36)	0.1	(0.14)	0.0	(0.05)	0.1	(0.09)
	Liechtenstein	1.1	(1.05)	2.9	(1.51)	7.1	(2.57)	0.8	(0.84)	3.1	(1.81)
	Lithuania	0.3	(0.20)	1.3	(0.39)	0.5	(0.19)	0.0	(0.04)	0.1	(0.09)
	Macao-China	1.0	(0.34)	0.4	(0.22)	0.5	(0.23)	0.1	(0.14)	0.0	(0.06)
	Montenegro	0.0	(0.04)	0.4	(0.22)	0.5	(0.24)	0.4	(0.21)	1.1	(0.40)
	Qatar	m	m	m	m	m	m	m	m	m	m
	Romania	0.3	(0.33)	1.2	(0.43)	0.2	(0.17)	0.0	(0.04)	0.1	(0.11)
	Russian Federation	0.2	(0.18)	0.0	(0.05)	0.0	(0.06)	0.2	(0.19)	1.1	(0.39)
	Serbia	0.9	(0.35)	0.0	(0.05)	1.1	(0.36)	0.1	(0.15)	0.5	(0.25)
	Slovenia	0.0	(0.04)	0.9	(0.26)	0.2	(0.11)	0.2	(0.13)	0.8	(0.30)
	Chinese Taipei	1.7	(0.38)	2.6	(0.38)	2.4	(0.41)	1.3	(0.28)	1.7	(0.34)
	Thailand	0.1	(0.16)	0.1	(0.15)	0.3	(0.19)	0.4	(0.23)	0.0	(0.04)
	Tunisia	0.2	(0.18)	0.4	(0.25)	0.0	(0.09)	0.3	(0.24)	0.2	(0.18)
	Uruguay	2.5	(0.68)	0.1	(0.16)	0.0	(0.08)	0.0	(0.06)	0.0	(0.05)

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[Part 1/1]

Table 4.6 Relationship between student perceptions of science and the PISA index of economic, social and cultural status (ESCS)

Tableau 4.6 Relation entre les indices d'attitude à l'égard des sciences et l'indice PISA de statut économique, social et culturel (SESC)

		Percentage of variance for the following indices explained by ESCS									
		Support for scientific enquiry		General value of science		Personal value of science		Self-efficacy in science		Self-concept in science	
		Percentage	S.E.	Percentage	S.E.	Percentage	S.E.	Percentage	S.E.	Percentage	S.E.
OECD	Australia	3.7	(0.43)	4.5	(0.43)	3.1	(0.36)	7.4	(0.53)	3.7	(0.41)
	Austria	2.1	(0.49)	2.8	(0.54)	0.7	(0.26)	7.6	(0.79)	1.7	(0.43)
	Belgium	2.6	(0.51)	2.2	(0.43)	2.6	(0.49)	4.9	(0.59)	1.9	(0.42)
	Canada	1.9	(0.32)	2.7	(0.38)	2.9	(0.37)	5.8	(0.57)	3.1	(0.47)
	Czech Republic	0.6	(0.33)	1.1	(0.33)	0.1	(0.09)	3.8	(0.60)	0.5	(0.23)
	Denmark	5.4	(0.89)	3.2	(0.59)	2.9	(0.54)	8.0	(0.97)	3.1	(0.60)
	Finland	2.5	(0.57)	3.9	(0.57)	3.5	(0.57)	5.3	(0.80)	3.7	(0.67)
	France	2.9	(0.64)	3.4	(0.63)	3.2	(0.66)	7.6	(0.85)	2.6	(0.59)
	Germany	3.0	(0.56)	3.7	(0.54)	2.2	(0.50)	8.2	(0.91)	1.9	(0.43)
	Greece	3.8	(0.74)	2.3	(0.45)	3.3	(0.55)	5.6	(0.79)	3.3	(0.58)
	Hungary	1.5	(0.52)	3.0	(0.67)	0.4	(0.26)	5.6	(0.70)	0.7	(0.40)
	Iceland	2.5	(0.56)	3.6	(0.62)	4.0	(0.66)	6.6	(0.86)	7.6	(0.94)
	Ireland	4.7	(0.80)	5.6	(0.74)	6.2	(0.73)	8.1	(0.89)	4.6	(0.70)
	Italy	2.5	(0.42)	3.0	(0.35)	1.3	(0.27)	3.8	(0.49)	1.0	(0.22)
	Japan	1.7	(0.44)	2.2	(0.45)	2.0	(0.36)	3.1	(0.52)	0.7	(0.23)
	Korea	3.6	(0.86)	1.6	(0.47)	2.8	(0.89)	5.5	(0.99)	3.9	(0.77)
	Luxembourg	3.3	(0.54)	3.4	(0.55)	1.5	(0.38)	6.9	(0.64)	2.3	(0.43)
	Mexico	1.6	(0.36)	2.1	(0.60)	0.0	(0.04)	3.8	(0.61)	0.7	(0.23)
	Netherlands	2.9	(0.72)	3.4	(0.54)	1.7	(0.40)	4.3	(0.57)	2.0	(0.54)
	New Zealand	4.9	(0.76)	4.7	(0.65)	3.3	(0.63)	7.5	(0.70)	3.3	(0.58)
	Norway	4.1	(1.00)	4.1	(0.71)	2.9	(0.55)	5.9	(0.86)	3.5	(0.67)
	Poland	1.9	(0.48)	2.4	(0.44)	0.1	(0.07)	7.8	(0.75)	1.7	(0.39)
	Portugal	2.7	(0.65)	3.1	(0.56)	1.8	(0.38)	5.9	(0.84)	2.3	(0.59)
	Slovak Republic	3.0	(0.77)	2.2	(0.57)	0.0	(0.06)	4.4	(0.79)	1.1	(0.37)
	Spain	1.5	(0.41)	2.3	(0.39)	3.2	(0.49)	5.5	(0.70)	4.0	(0.58)
	Sweden	4.7	(0.82)	4.6	(0.64)	4.7	(0.71)	6.6	(1.06)	4.6	(0.71)
	Switzerland	2.1	(0.44)	2.3	(0.34)	1.8	(0.31)	7.1	(0.54)	2.7	(0.42)
	Turkey	2.0	(0.75)	2.0	(0.58)	1.4	(0.59)	4.6	(0.99)	0.3	(0.25)
	United Kingdom	3.1	(0.57)	4.0	(0.45)	2.9	(0.40)	8.1	(0.68)	2.3	(0.40)
	United States	3.2	(0.66)	4.8	(0.64)	3.1	(0.52)	6.7	(0.93)	3.1	(0.73)
	OECD total	0.3	(0.06)	1.0	(0.11)	0.3	(0.06)	4.6	(0.26)	0.6	(0.11)
	OECD average	2.9	(0.11)	3.1	(0.10)	2.3	(0.09)	6.1	(0.14)	2.6	(0.10)
Partners	Argentina	0.7	(0.48)	0.7	(0.42)	0.3	(0.21)	3.7	(0.83)	0.1	(0.17)
	Azerbaijan	0.1	(0.14)	1.3	(0.39)	0.0	(0.04)	3.9	(0.85)	0.1	(0.15)
	Brazil	1.4	(0.43)	1.4	(0.36)	0.0	(0.07)	6.4	(0.83)	0.2	(0.13)
	Bulgaria	3.1	(0.90)	1.3	(0.48)	0.1	(0.08)	6.5	(1.11)	0.6	(0.36)
	Chile	1.9	(0.53)	2.2	(0.40)	0.6	(0.25)	7.5	(0.95)	1.9	(0.40)
	Colombia	1.9	(0.57)	1.0	(0.37)	0.3	(0.23)	4.9	(0.78)	0.6	(0.48)
	Croatia	0.7	(0.27)	1.3	(0.32)	0.1	(0.07)	5.1	(0.62)	0.5	(0.21)
	Estonia	1.7	(0.46)	3.5	(0.63)	1.7	(0.36)	4.3	(0.63)	2.8	(0.49)
	Hong Kong-China	0.8	(0.45)	1.2	(0.42)	1.0	(0.29)	5.0	(0.75)	0.9	(0.35)
	Indonesia	2.5	(0.57)	1.1	(0.37)	0.1	(0.14)	4.8	(0.84)	0.1	(0.17)
	Israel	0.3	(0.24)	1.3	(0.44)	0.3	(0.20)	1.8	(0.52)	0.6	(0.29)
	Jordan	2.1	(0.66)	3.6	(0.63)	1.7	(0.47)	3.0	(0.69)	2.3	(0.57)
	Kyrgyzstan	0.3	(0.24)	0.6	(0.26)	0.2	(0.15)	1.3	(0.38)	0.7	(0.30)
	Latvia	1.4	(0.52)	2.0	(0.50)	0.6	(0.34)	3.4	(0.65)	0.5	(0.29)
	Liechtenstein	3.7	(2.46)	4.3	(1.84)	1.5	(1.42)	6.4	(2.38)	3.4	(1.96)
	Lithuania	2.2	(0.59)	1.9	(0.42)	0.6	(0.25)	5.6	(0.79)	1.6	(0.47)
	Macao-China	1.2	(0.46)	0.6	(0.24)	1.1	(0.37)	4.2	(0.73)	0.7	(0.35)
	Montenegro	0.5	(0.22)	0.6	(0.25)	0.1	(0.09)	6.7	(0.75)	0.3	(0.19)
	Qatar	m	m	m	m	m	m	m	m	m	m
	Romania	3.5	(1.09)	3.1	(0.83)	0.8	(0.30)	4.8	(0.95)	0.7	(0.27)
	Russian Federation	1.8	(0.57)	1.3	(0.40)	0.0	(0.04)	3.2	(0.66)	0.8	(0.41)
	Serbia	0.9	(0.33)	0.3	(0.15)	0.2	(0.15)	4.1	(0.60)	0.1	(0.13)
	Slovenia	1.5	(0.49)	1.8	(0.43)	0.4	(0.19)	6.3	(0.79)	0.2	(0.14)
	Chinese Taipei	2.7	(0.40)	2.4	(0.43)	1.8	(0.37)	6.5	(0.58)	2.0	(0.39)
	Thailand	3.1	(0.71)	1.4	(0.40)	0.9	(0.33)	2.0	(0.43)	0.0	(0.04)
	Tunisia	1.2	(0.50)	1.4	(0.47)	1.1	(0.51)	2.9	(0.65)	0.6	(0.30)
	Uruguay	0.9	(0.32)	0.5	(0.22)	0.3	(0.24)	3.5	(0.74)	0.7	(0.29)

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[Part 1/2]

Table 4.7a Percentage of students and performance on the science, reading and mathematics scales, by level of education of parents[1]

Tableau 4.7a Pourcentage d'élèves et scores sur les échelles de culture scientifique, de compréhension de l'écrit et de culture mathématique, selon le niveau de formation des parents

		Parents with completed lower secondary education or below (ISCED Levels 0, 1 or 2)								Parents with completed tertiary education (ISCED Levels 5 or 6)							
				Performance								Performance					
				Science		Reading		Mathematics				Science		Reading		Mathematics	
		% of students	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	% of students	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD	Australia	10.9	(0.4)	486	(3.3)	477	(3.1)	487	(3.0)	54.0	(0.7)	548	(2.5)	532	(2.3)	539	(2.7)
	Austria	4.5	(0.6)	414	(15.0)	417	(20.0)	426	(14.7)	50.9	(1.1)	522	(3.8)	500	(4.0)	514	(3.7)
	Belgium	7.1	(0.5)	437	(7.6)	425	(9.4)	444	(11.8)	57.7	(0.9)	536	(2.4)	525	(3.0)	546	(2.6)
	Canada	3.5	(0.3)	476	(6.7)	466	(7.7)	485	(5.9)	69.4	(0.6)	547	(2.0)	540	(2.4)	537	(2.0)
	Czech Republic	2.1	(0.3)	c	c	c	c	c	c	33.1	(0.9)	533	(4.8)	499	(5.5)	533	(5.0)
	Denmark	6.9	(0.5)	427	(5.8)	435	(6.4)	456	(5.2)	63.3	(1.1)	513	(3.5)	509	(3.5)	527	(3.0)
	Finland	6.4	(0.4)	532	(5.7)	518	(5.1)	517	(6.0)	76.6	(0.8)	572	(2.2)	556	(2.3)	556	(2.3)
	France	15.8	(0.8)	446	(5.7)	445	(6.4)	448	(5.0)	39.1	(1.2)	529	(4.5)	517	(4.8)	526	(4.3)
	Germany	15.1	(0.9)	449	(6.8)	420	(7.4)	446	(6.9)	45.8	(1.1)	543	(3.6)	521	(4.2)	531	(3.8)
	Greece	17.8	(1.0)	418	(4.8)	409	(6.6)	404	(5.0)	44.3	(1.3)	498	(3.7)	480	(4.3)	485	(3.7)
	Hungary	6.6	(0.6)	426	(4.6)	406	(8.5)	407	(5.5)	34.7	(1.2)	543	(3.6)	520	(3.8)	533	(4.2)
	Iceland	11.4	(0.6)	450	(5.3)	449	(5.3)	469	(5.0)	50.2	(0.8)	511	(2.3)	505	(2.8)	526	(2.4)
	Ireland	11.4	(0.6)	467	(5.9)	478	(6.7)	463	(5.1)	46.0	(1.2)	533	(3.5)	541	(3.6)	523	(3.1)
	Italy	28.2	(0.7)	443	(3.0)	437	(3.8)	433	(2.7)	26.1	(0.7)	491	(3.2)	482	(3.7)	477	(3.4)
	Japan	2.5	(0.3)	c	c	c	c	c	c	60.7	(1.1)	554	(3.3)	521	(3.6)	545	(3.1)
	Korea	8.6	(0.5)	486	(7.1)	529	(7.5)	507	(7.3)	42.8	(1.3)	541	(4.8)	573	(4.4)	570	(5.8)
	Luxembourg	21.1	(0.5)	431	(3.0)	426	(3.3)	449	(2.7)	44.5	(0.6)	518	(2.3)	510	(2.3)	516	(2.1)
	Mexico	53.4	(1.2)	388	(2.9)	386	(3.7)	383	(3.3)	35.6	(1.0)	437	(3.8)	441	(4.0)	434	(3.7)
	Netherlands	11.3	(0.7)	476	(6.4)	460	(6.9)	490	(6.0)	53.3	(1.0)	546	(2.9)	524	(3.2)	549	(2.7)
	New Zealand	8.6	(0.4)	475	(5.5)	472	(5.9)	480	(5.2)	53.2	(1.0)	557	(3.1)	545	(3.4)	544	(2.9)
	Norway	2.6	(0.3)	c	c	c	c	c	c	67.6	(0.9)	501	(2.9)	498	(3.0)	502	(2.5)
	Poland	4.6	(0.4)	432	(4.9)	440	(6.8)	434	(5.3)	18.6	(0.8)	553	(3.9)	561	(4.5)	545	(3.7)
	Portugal	53.9	(1.4)	454	(3.3)	450	(4.2)	446	(3.5)	22.5	(1.1)	513	(4.1)	515	(4.5)	504	(4.4)
	Slovak Republic	3.1	(0.6)	376	(17.9)	348	(26.0)	356	(24.3)	28.8	(0.9)	529	(4.2)	506	(4.4)	532	(4.6)
	Spain	36.3	(1.1)	461	(2.9)	438	(2.9)	456	(2.6)	34.8	(1.1)	518	(3.0)	483	(3.0)	506	(3.2)
	Sweden	7.6	(0.5)	456	(4.9)	463	(5.9)	462	(5.4)	69.4	(0.8)	515	(2.4)	519	(3.4)	514	(2.5)
	Switzerland	19.0	(0.7)	458	(3.5)	453	(3.5)	481	(3.6)	50.2	(0.9)	534	(3.7)	520	(3.7)	549	(3.6)
	Turkey	58.4	(1.5)	404	(2.4)	429	(3.7)	401	(2.7)	15.9	(1.2)	477	(10.6)	494	(9.6)	485	(13.2)
	United Kingdom	5.3	(0.3)	450	(5.9)	444	(5.9)	450	(4.8)	51.4	(0.8)	537	(2.9)	516	(2.8)	512	(2.6)
	United States	6.9	(0.7)	414	(6.0)	m	m	412	(5.1)	58.1	(1.4)	511	(4.9)	m	m	494	(4.7)
	OECD total	16.7	(0.3)	420	(1.4)	421	(1.8)	417	(1.6)	46.8	(0.5)	521	(1.7)	513	(1.1)	511	(1.6)
	OECD average	15.0	(0.1)	446	(1.3)	443	(1.7)	448	(1.4)	46.6	(0.2)	525	(0.7)	516	(0.7)	522	(0.8)
Partners	Argentina	34.2	(1.8)	353	(6.0)	338	(7.2)	344	(6.0)	45.5	(1.8)	422	(5.8)	402	(7.4)	408	(6.4)
	Azerbaijan	2.8	(0.3)	c	c	c	c	c	c	60.1	(1.3)	388	(3.0)	362	(3.3)	476	(2.4)
	Brazil	47.4	(1.0)	365	(2.8)	367	(4.1)	342	(3.3)	35.9	(1.0)	416	(4.4)	417	(4.9)	397	(4.9)
	Bulgaria	7.1	(0.8)	340	(11.2)	295	(15.1)	328	(12.9)	36.0	(1.8)	477	(8.1)	446	(8.5)	453	(8.1)
	Chile	28.4	(1.9)	391	(3.8)	397	(4.9)	363	(4.2)	31.0	(1.7)	485	(4.6)	490	(6.3)	456	(4.7)
	Colombia	42.3	(1.9)	368	(4.1)	361	(6.4)	346	(5.1)	42.7	(1.4)	410	(4.1)	411	(5.6)	394	(4.2)
	Croatia	5.9	(0.4)	443	(5.2)	426	(5.4)	415	(5.4)	43.9	(0.8)	504	(2.8)	485	(3.1)	476	(2.6)
	Estonia	1.8	(0.3)	c	c	c	c	c	c	50.9	(1.0)	543	(3.0)	510	(3.1)	527	(3.0)
	Hong Kong-China	44.1	(1.3)	523	(3.0)	521	(3.2)	529	(3.2)	13.6	(1.0)	575	(6.8)	561	(6.3)	580	(7.3)
	Indonesia	53.7	(2.2)	378	(4.2)	377	(4.6)	375	(4.2)	17.8	(1.3)	416	(7.0)	414	(7.7)	416	(8.1)
	Israel	6.4	(0.5)	393	(7.6)	387	(8.2)	378	(7.7)	68.2	(1.0)	474	(4.1)	457	(5.0)	462	(4.5)
	Jordan	23.3	(1.1)	387	(3.4)	364	(4.2)	348	(3.9)	48.4	(1.3)	447	(3.7)	425	(4.4)	409	(4.0)
	Kyrgyzstan	1.8	(0.2)	c	c	c	c	c	c	77.5	(1.0)	328	(2.9)	294	(3.5)	318	(3.6)
	Latvia	2.3	(0.3)	c	c	c	c	c	c	50.8	(1.0)	503	(3.6)	493	(4.2)	502	(3.5)
	Liechtenstein	20.0	(1.9)	466	(12.1)	464	(11.9)	479	(13.2)	51.2	(2.7)	550	(6.2)	536	(5.8)	548	(6.2)
	Lithuania	0.5	(0.1)	c	c	c	c	c	c	57.6	(1.2)	507	(3.4)	489	(3.7)	508	(3.6)
	Macao-China	56.8	(0.9)	504	(1.5)	487	(1.5)	518	(1.9)	9.9	(0.5)	516	(4.5)	499	(4.7)	525	(4.5)
	Montenegro	3.9	(0.3)	361	(5.6)	339	(6.4)	350	(6.4)	61.2	(0.8)	421	(1.5)	402	(1.8)	410	(1.8)
	Qatar	15.1	(0.4)	331	(2.1)	288	(2.8)	291	(2.4)	60.9	(0.5)	361	(1.2)	327	(1.7)	334	(1.5)
	Romania	6.9	(0.9)	357	(7.3)	339	(11.0)	357	(9.9)	48.7	(1.5)	429	(5.6)	402	(6.1)	425	(5.5)
	Russian Federation	1.0	(0.2)	c	c	c	c	c	c	42.5	(1.3)	498	(4.2)	457	(5.0)	493	(4.6)
	Serbia	6.2	(0.4)	378	(6.5)	335	(7.5)	370	(6.8)	49.9	(0.9)	447	(3.2)	413	(3.5)	446	(3.7)
	Slovenia	6.7	(0.5)	448	(7.0)	437	(7.4)	441	(6.7)	36.1	(0.7)	559	(2.4)	528	(2.0)	542	(2.3)
	Chinese Taipei	20.6	(1.0)	491	(4.8)	459	(4.6)	504	(6.2)	16.1	(0.7)	589	(3.9)	544	(3.8)	605	(4.6)
	Thailand	64.2	(1.1)	405	(2.0)	402	(2.6)	400	(2.2)	12.8	(0.9)	482	(5.7)	475	(5.9)	477	(5.3)
	Tunisia	45.0	(1.8)	369	(2.5)	365	(3.3)	342	(3.1)	24.7	(1.6)	408	(6.8)	401	(8.1)	403	(7.9)
	Uruguay	34.4	(1.0)	392	(3.3)	373	(5.0)	385	(3.2)	54.3	(1.0)	452	(2.9)	438	(4.0)	451	(2.9)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 2/2]

Table 4.7a Percentage of students and performance on the science, reading and mathematics scales, by level of education of parents[1]

Tableau 4.7a Pourcentage d'élèves et scores sur les échelles de culture scientifique, de compréhension de l'écrit et de culture mathématique, selon le niveau de formation des parents

		Increased likelihood of students, whose parents have completed lower secondary education or below, scoring in the bottom quarter of the science performance distribution		Difference in science performance between students whose parents have completed tertiary education minus students whose parents have completed lower secondary education or below					
				PISA 2006		PISA 2003		PISA 2000	
		Ratio	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	**1.7**	(0.08)	**62**	(3.5)	**53**	(4.6)	**64**	(6.4)
	Austria	**2.8**	(0.30)	**108**	(14.8)	**85**	(8.8)	**70**	(7.5)
	Belgium	**2.4**	(0.16)	**98**	(7.5)	**95**	(6.1)	**80**	(6.3)
	Canada	**2.1**	(0.14)	**71**	(6.4)	**64**	(4.7)	**62**	(3.5)
	Czech Republic	c	c	c	c	c	c	c	c
	Denmark	**2.3**	(0.18)	**86**	(6.6)	**78**	(6.7)	**104**	(7.7)
	Finland	**1.6**	(0.16)	**39**	(5.9)	**39**	(5.2)	**43**	(6.0)
	France	**2.1**	(0.17)	**84**	(6.8)	**81**	(7.8)	**70**	(7.0)
	Germany	**2.7**	(0.16)	**94**	(6.0)	**124**	(6.5)	**117**	(9.9)
	Greece	**2.3**	(0.16)	**80**	(5.5)	**62**	(6.3)	**53**	(6.8)
	Hungary	**2.7**	(0.19)	**118**	(5.3)	**123**	(7.9)	**146**	(9.7)
	Iceland	**1.9**	(0.16)	**62**	(5.9)	**44**	(4.9)	**40**	(5.8)
	Ireland	**1.8**	(0.12)	**66**	(5.9)	**66**	(5.9)	**47**	(5.9)
	Italy	**1.8**	(0.09)	**49**	(4.0)	**62**	(5.5)	**56**	(7.7)
	Japan	c	c	c	c	**65**	(15.2)	m	m
	Korea	**1.7**	(0.14)	**55**	(8.1)	**62**	(6.5)	**45**	(6.0)
	Luxembourg	**2.6**	(0.15)	**86**	(3.7)	**76**	(4.5)	**67**	(6.6)
	Mexico	**2.0**	(0.15)	**49**	(4.2)	**47**	(5.0)	**60**	(7.5)
	Netherlands	**1.9**	(0.15)	**70**	(6.4)	**58**	(7.1)	**59**	(7.2)
	New Zealand	**1.9**	(0.15)	**82**	(5.6)	**83**	(6.1)	**73**	(8.2)
	Norway	c	c	c	c	**65**	(9.5)	**56**	(8.5)
	Poland	**2.4**	(0.16)	**121**	(6.2)	c	c	**109**	(15.5)
	Portugal	**2.0**	(0.16)	**59**	(4.5)	**44**	(5.0)	**47**	(7.4)
	Slovak Republic	**2.9**	(0.39)	**152**	(18.9)	**175**	(26.0)	a	a
	Spain	**1.8**	(0.12)	**56**	(3.6)	**57**	(4.6)	**64**	(5.6)
	Sweden	**1.9**	(0.16)	**59**	(5.2)	**68**	(6.3)	**43**	(6.5)
	Switzerland	**2.2**	(0.11)	**76**	(3.8)	**85**	(5.2)	**82**	(6.5)
	Turkey	**1.7**	(0.18)	**74**	(10.8)	**89**	(13.1)	a	a
	United Kingdom	**2.1**	(0.17)	**87**	(6.2)	**84**	(7.7)	**74**	(7.8)
	United States	**2.2**	(0.19)	**97**	(7.1)	**84**	(7.8)	**99**	(11.2)
	OECD total	**1.7**	(0.05)	**100**	(2.1)	**99**	(2.1)	**88**	(2.9)
	OECD average	**2.1**	(0.03)	**79**	(1.4)	**76**	(1.6)	**70**	(1.5)
Partners	Argentina	**2.0**	(0.19)	**69**	(6.0)	a	a	**69**	(9.1)
	Azerbaijan	c	c	c	c	a	a	a	a
	Brazil	**1.8**	(0.12)	**51**	(5.0)	**33**	(5.5)	**60**	(7.6)
	Bulgaria	**2.7**	(0.29)	**137**	(13.2)	a	a	**117**	(20.4)
	Chile	**2.2**	(0.21)	**93**	(5.3)	a	a	**81**	(6.3)
	Colombia	**1.6**	(0.16)	**42**	(4.7)	a	a	a	a
	Croatia	**2.1**	(0.15)	**61**	(5.3)	a	a	a	a
	Estonia	c	c	c	c	a	a	a	a
	Hong Kong-China	**1.8**	(0.13)	**52**	(6.6)	**38**	(6.8)	**54**	(7.7)
	Indonesia	**1.6**	(0.17)	**38**	(7.1)	**26**	(6.1)	**37**	(9.3)
	Israel	**1.9**	(0.18)	**81**	(7.6)	a	a	**101**	(14.8)
	Jordan	**1.7**	(0.12)	**60**	(4.5)	a	a	a	a
	Kyrgyzstan	c	c	c	c	a	a	a	a
	Latvia	c	c	c	c	c	c	**89**	(13.2)
	Liechtenstein	**2.3**	(0.54)	**84**	(15.2)	**81**	(13.4)	**56**	(17.9)
	Lithuania	c	c	c	c	a	a	a	a
	Macao-China	**1.3**	(0.08)	**12**	(4.8)	**23**	(10.5)	a	a
	Montenegro	**2.0**	(0.20)	**60**	(5.9)	a	a	a	a
	Qatar	**1.1**	(0.08)	**31**	(2.5)	a	a	a	a
	Romania	**2.4**	(0.36)	**72**	(10.1)	a	a	**45**	(9.0)
	Russian Federation	c	c	c	c	c	c	**70**	(9.8)
	Serbia	**2.1**	(0.17)	**69**	(6.7)	a	a	a	a
	Slovenia	**2.2**	(0.20)	**111**	(7.4)	a	a	a	a
	Chinese Taipei	**1.9**	(0.12)	**98**	(5.7)	a	a	a	a
	Thailand	**1.7**	(0.17)	**77**	(6.2)	**71**	(6.4)	**64**	(6.9)
	Tunisia	**1.4**	(0.11)	**39**	(7.4)	**38**	(8.4)	a	a
	Uruguay	**2.1**	(0.15)	**60**	(3.4)	**56**	(4.5)	a	a

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 1/4]

Table 4.7b Percentage of students and performance on the science, reading and mathematics scales, by level of mothers' education[1]

Tableau 4.7b Pourcentage d'élèves et scores sur les échelles de culture scientifique, de compréhension de l'écrit et de culture mathématique, selon le niveau de formation de la mère

		Mothers without completed primary education (ISCED Level 0)								Mothers with completed primary or lower secondary education (ISCED Levels 1 or 2)							
				Performance								Performance					
				Science		Reading		Mathematics				Science		Reading		Mathematics	
		% of students	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	% of students	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD	Australia	1.7	(0.1)	c	c	c	c	c	c	20.2	(0.5)	507	(2.6)	498	(2.6)	504	(2.4)
	Austria	1.8	(0.3)	c	c	c	c	c	c	9.3	(0.7)	458	(10.6)	445	(12.3)	458	(10.0)
	Belgium	3.5	(0.3)	409	(8.9)	392	(11.3)	418	(10.9)	10.1	(0.4)	482	(5.9)	476	(6.6)	490	(7.2)
	Canada	1.1	(0.1)	c	c	c	c	c	c	6.1	(0.3)	497	(4.0)	490	(4.9)	498	(3.9)
	Czech Republic	0.7	(0.2)	c	c	c	c	c	c	4.4	(0.4)	451	(9.4)	429	(15.2)	426	(8.4)
	Denmark	2.0	(0.3)	c	c	c	c	c	c	11.3	(0.7)	457	(4.7)	463	(5.0)	483	(4.1)
	Finland	1.2	(0.2)	c	c	c	c	c	c	11.1	(0.6)	542	(3.9)	525	(3.8)	526	(4.2)
	France	4.4	(0.4)	426	(8.4)	434	(8.2)	430	(8.2)	20.6	(0.8)	466	(4.5)	461	(5.4)	468	(4.4)
	Germany	4.3	(0.5)	418	(10.2)	393	(11.4)	420	(10.4)	17.2	(0.8)	473	(6.7)	444	(7.7)	463	(6.5)
	Greece	0.8	(0.2)	c	c	c	c	c	c	28.1	(1.2)	436	(4.3)	423	(5.3)	423	(4.0)
	Hungary	0.8	(0.2)	c	c	c	c	c	c	14.4	(0.9)	444	(4.4)	427	(6.2)	430	(5.1)
	Iceland	3.8	(0.3)	438	(7.6)	446	(7.7)	450	(7.7)	25.0	(0.7)	469	(3.2)	467	(3.1)	484	(3.3)
	Ireland	0.9	(0.2)	c	c	c	c	c	c	19.7	(0.8)	479	(4.6)	493	(5.0)	472	(4.0)
	Italy	1.4	(0.1)	c	c	c	c	c	c	38.5	(0.9)	454	(2.4)	447	(2.9)	442	(2.4)
	Japan	0.0	c	c	c	c	c	c	c	4.4	(0.3)	474	(7.1)	446	(8.5)	471	(6.4)
	Korea	1.5	(0.2)	c	c	c	c	c	c	14.9	(0.7)	497	(5.7)	536	(6.3)	518	(5.9)
	Luxembourg	14.4	(0.5)	430	(4.1)	428	(4.0)	448	(4.1)	18.8	(0.6)	465	(3.4)	458	(3.6)	476	(3.1)
	Mexico	18.7	(1.0)	371	(3.5)	367	(4.9)	365	(4.2)	47.1	(0.9)	404	(2.4)	405	(2.9)	399	(2.8)
	Netherlands	3.2	(0.3)	450	(10.1)	436	(10.9)	462	(9.4)	17.9	(0.8)	504	(4.8)	487	(5.4)	515	(5.2)
	New Zealand	3.9	(0.3)	485	(8.3)	470	(8.3)	481	(7.9)	13.0	(0.6)	503	(5.1)	501	(5.6)	504	(4.2)
	Norway	1.1	(0.2)	c	c	c	c	c	c	5.2	(0.5)	451	(8.2)	457	(9.4)	450	(7.9)
	Poland	0.2	(0.1)	c	c	c	c	c	c	8.7	(0.6)	446	(4.5)	455	(5.4)	445	(4.4)
	Portugal	29.6	(1.2)	442	(3.8)	435	(4.5)	434	(4.1)	33.3	(1.0)	473	(3.5)	473	(4.3)	464	(3.5)
	Slovak Republic	0.6	(0.2)	c	c	c	c	c	c	5.2	(0.7)	396	(12.4)	374	(17.5)	387	(17.0)
	Spain	8.2	(0.5)	436	(5.0)	417	(4.9)	433	(5.3)	41.6	(1.0)	478	(2.1)	453	(2.1)	470	(1.8)
	Sweden	1.9	(0.2)	c	c	c	c	c	c	11.0	(0.5)	473	(4.4)	476	(6.0)	471	(4.9)
	Switzerland	3.9	(0.2)	445	(6.6)	445	(6.9)	467	(7.4)	26.3	(0.6)	476	(3.5)	470	(3.5)	499	(3.8)
	Turkey	16.5	(1.0)	394	(3.9)	418	(6.0)	388	(5.8)	62.0	(1.3)	417	(2.9)	442	(3.8)	417	(3.6)
	United Kingdom	2.1	(0.2)	c	c	c	c	c	c	6.5	(0.3)	482	(6.4)	470	(5.6)	478	(5.0)
	United States	2.1	(0.3)	c	c	m	m	c	c	8.8	(0.6)	428	(5.8)	m	m	421	(4.9)
	OECD total	4.7	(0.2)	400	(2.3)	399	(3.2)	399	(2.8)	19.2	(0.3)	441	(1.3)	443	(1.4)	438	(1.4)
	OECD average	4.5	(0.1)	429	(2.1)	423	(2.3)	433	(2.2)	18.7	(0.1)	466	(1.0)	462	(1.3)	465	(1.1)
Partners	Argentina	11.8	(0.9)	332	(6.9)	327	(8.7)	323	(7.6)	32.6	(1.3)	371	(6.6)	352	(7.9)	361	(6.6)
	Azerbaijan	2.3	(0.3)	c	c	c	c	c	c	4.3	(0.5)	371	(4.2)	358	(8.3)	475	(6.7)
	Brazil	15.5	(0.6)	349	(3.8)	355	(3.9)	321	(3.7)	43.7	(0.8)	377	(3.0)	379	(5.3)	357	(3.8)
	Bulgaria	1.3	(0.3)	c	c	c	c	c	c	11.8	(1.1)	355	(8.1)	319	(11.4)	345	(10.0)
	Chile	10.6	(0.8)	396	(4.9)	401	(6.0)	370	(5.2)	29.4	(1.4)	402	(4.0)	408	(5.3)	373	(4.4)
	Colombia	16.7	(0.9)	366	(4.8)	362	(8.1)	345	(6.9)	37.8	(1.6)	376	(4.2)	373	(6.5)	353	(4.7)
	Croatia	0.3	(0.1)	c	c	c	c	c	c	15.0	(0.6)	463	(4.3)	448	(5.1)	437	(4.3)
	Estonia	0.2	(0.1)	c	c	c	c	c	c	4.2	(0.4)	494	(8.5)	458	(9.8)	471	(9.8)
	Hong Kong-China	9.8	(0.5)	515	(6.6)	517	(6.0)	523	(6.1)	47.2	(1.2)	533	(2.9)	528	(3.0)	537	(3.1)
	Indonesia	14.2	(1.0)	375	(5.9)	373	(6.1)	369	(6.0)	53.5	(1.9)	384	(4.6)	384	(4.9)	381	(4.6)
	Israel	3.6	(0.3)	386	(8.7)	362	(10.6)	369	(9.1)	7.6	(0.6)	408	(6.5)	411	(7.7)	391	(8.2)
	Jordan	12.2	(0.9)	381	(4.3)	352	(5.5)	338	(4.7)	26.5	(0.9)	403	(2.9)	387	(3.2)	367	(3.5)
	Kyrgyzstan	1.9	(0.2)	c	c	c	c	c	c	3.1	(0.3)	292	(8.1)	243	(16.5)	280	(8.9)
	Latvia	0.7	(0.2)	c	c	c	c	c	c	3.1	(0.3)	439	(10.7)	434	(15.5)	430	(13.5)
	Liechtenstein	1.2	(0.7)	c	c	c	c	c	c	32.7	(2.3)	485	(9.0)	479	(8.5)	497	(9.9)
	Lithuania	0.3	(0.1)	c	c	c	c	c	c	1.7	(0.2)	c	c	c	c	c	c
	Macao-China	14.6	(0.6)	502	(3.1)	486	(3.1)	513	(3.5)	58.2	(0.7)	510	(1.5)	491	(1.6)	525	(1.8)
	Montenegro	0.7	(0.1)	c	c	c	c	c	c	9.6	(0.4)	377	(3.8)	358	(3.9)	360	(3.9)
	Qatar	13.6	(0.4)	333	(2.7)	292	(3.9)	294	(3.3)	13.0	(0.4)	337	(2.6)	301	(3.9)	299	(3.2)
	Romania	1.2	(0.4)	c	c	c	c	c	c	12.4	(1.2)	377	(6.2)	355	(7.5)	376	(7.8)
	Russian Federation	0.1	(0.1)	c	c	c	c	c	c	2.3	(0.2)	c	c	c	c	c	c
	Serbia	0.7	(0.1)	c	c	c	c	c	c	14.8	(0.7)	391	(4.2)	349	(5.0)	386	(5.1)
	Slovenia	0.6	(0.1)	c	c	c	c	c	c	14.8	(0.5)	471	(3.7)	457	(3.9)	463	(3.4)
	Chinese Taipei	1.1	(0.2)	c	c	c	c	c	c	31.7	(1.1)	502	(4.5)	470	(4.1)	518	(5.4)
	Thailand	10.2	(0.8)	402	(5.7)	401	(8.2)	395	(5.2)	64.8	(1.0)	411	(2.0)	407	(2.5)	407	(2.4)
	Tunisia	22.6	(1.5)	371	(3.3)	358	(4.7)	343	(3.7)	43.3	(1.3)	377	(3.3)	377	(4.6)	355	(4.0)
	Uruguay	6.6	(0.4)	374	(5.4)	355	(7.4)	358	(6.3)	38.9	(1.1)	404	(3.3)	385	(4.7)	400	(3.0)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
StatLink http://dx.doi.org/10.1787/142104560611

Pour consulter la version française intégrale de ce tableau, suivre ce lien :
StatLink http://dx.doi.org/10.1787/152684743050



[Part 2/4]

Table 4.7b Percentage of students and performance on the science, reading and mathematics scales, by level of mothers' education[1]

Tableau 4.7b Pourcentage d'élèves et scores sur les échelles de culture scientifique, de compréhension de l'écrit et de culture mathématique, selon le niveau de formation de la mère

		Mothers with completed upper secondary education (ISCED Level 3)								Mothers with completed tertiary education (ISCED Levels 5 or 6)							
				Performance								Performance					
				Science		Reading		Mathematics				Science		Reading		Mathematics	
		% of students	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	% of students	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD	Australia	36.8	(0.6)	521	(2.2)	507	(2.0)	515	(2.1)	41.2	(0.7)	551	(2.7)	534	(2.4)	539	(2.8)
	Austria	61.7	(1.0)	515	(3.6)	493	(3.6)	510	(3.8)	27.3	(1.0)	530	(4.6)	510	(4.9)	521	(4.2)
	Belgium	39.4	(0.7)	505	(2.9)	501	(3.5)	518	(3.3)	46.9	(0.9)	541	(2.6)	529	(3.1)	551	(2.7)
	Canada	34.8	(0.6)	527	(2.4)	519	(2.6)	520	(2.3)	58.0	(0.7)	549	(2.2)	542	(2.6)	539	(2.1)
	Czech Republic	71.1	(0.9)	513	(3.3)	485	(3.7)	510	(3.3)	23.8	(0.8)	535	(5.5)	500	(6.1)	539	(5.7)
	Denmark	31.4	(0.8)	488	(3.1)	489	(2.9)	507	(2.8)	55.2	(1.1)	516	(3.6)	511	(3.7)	529	(3.1)
	Finland	19.3	(0.6)	547	(3.2)	527	(3.3)	535	(3.2)	68.4	(0.8)	574	(2.3)	558	(2.3)	558	(2.4)
	France	46.1	(0.9)	504	(3.7)	497	(4.6)	505	(3.5)	28.9	(1.0)	534	(4.7)	520	(5.0)	529	(4.7)
	Germany	51.2	(0.9)	533	(2.7)	520	(3.0)	518	(2.8)	27.3	(0.9)	545	(4.7)	522	(5.5)	536	(5.2)
	Greece	40.2	(0.8)	482	(3.4)	468	(4.3)	465	(3.2)	31.0	(1.2)	500	(4.2)	485	(4.9)	487	(4.4)
	Hungary	56.9	(1.1)	501	(2.5)	479	(3.1)	487	(2.4)	27.9	(1.2)	547	(3.9)	525	(4.1)	537	(4.6)
	Iceland	36.5	(0.8)	490	(2.5)	480	(2.8)	505	(2.6)	34.7	(0.8)	521	(2.8)	514	(3.3)	534	(3.1)
	Ireland	45.8	(1.0)	508	(3.1)	519	(3.4)	503	(2.8)	33.6	(1.0)	535	(3.9)	542	(4.0)	525	(3.6)
	Italy	41.3	(0.8)	493	(2.3)	487	(2.9)	477	(2.7)	18.7	(0.5)	492	(3.6)	483	(4.2)	478	(3.7)
	Japan	48.2	(0.9)	517	(3.9)	486	(4.0)	508	(3.9)	47.4	(1.0)	557	(3.5)	521	(3.9)	548	(3.5)
	Korea	58.9	(1.1)	520	(3.0)	552	(3.7)	544	(3.2)	24.7	(1.2)	549	(6.2)	581	(5.4)	579	(7.5)
	Luxembourg	33.2	(0.7)	498	(2.4)	491	(2.4)	499	(2.3)	33.5	(0.7)	519	(2.7)	511	(2.8)	516	(2.6)
	Mexico	9.7	(0.4)	443	(4.2)	445	(5.1)	443	(4.1)	24.4	(0.8)	439	(4.0)	444	(4.3)	436	(3.9)
	Netherlands	43.7	(0.9)	525	(3.2)	511	(3.4)	529	(3.0)	35.2	(1.1)	549	(3.5)	526	(3.7)	554	(3.0)
	New Zealand	39.8	(0.9)	534	(3.1)	526	(3.2)	523	(2.9)	43.3	(1.0)	559	(3.3)	546	(3.5)	545	(3.2)
	Norway	39.2	(1.0)	481	(3.0)	484	(3.4)	484	(3.2)	54.5	(1.0)	504	(3.3)	499	(3.6)	505	(2.9)
	Poland	76.6	(0.7)	495	(2.1)	505	(2.7)	492	(2.3)	14.5	(0.6)	555	(4.0)	565	(4.8)	548	(3.9)
	Portugal	19.3	(0.8)	495	(3.5)	496	(4.4)	487	(3.5)	17.7	(1.0)	518	(4.4)	520	(4.8)	509	(4.7)
	Slovak Republic	74.5	(1.0)	485	(2.8)	463	(3.4)	490	(2.8)	19.8	(0.7)	531	(4.8)	509	(5.0)	532	(5.5)
	Spain	26.3	(0.6)	500	(3.4)	472	(3.1)	491	(3.1)	24.0	(1.0)	521	(3.8)	487	(3.9)	509	(4.1)
	Sweden	26.0	(0.8)	506	(3.4)	513	(4.0)	501	(3.6)	61.1	(0.9)	516	(2.5)	519	(3.5)	515	(2.5)
	Switzerland	40.2	(0.6)	529	(3.2)	514	(2.9)	546	(3.2)	29.6	(0.8)	536	(4.1)	522	(4.1)	550	(3.8)
	Turkey	15.1	(0.9)	461	(7.3)	484	(7.3)	464	(9.0)	6.4	(0.8)	492	(15.3)	500	(14.6)	507	(17.1)
	United Kingdom	50.9	(0.8)	521	(2.5)	501	(2.5)	499	(2.4)	40.5	(0.8)	538	(2.9)	517	(2.8)	512	(2.7)
	United States	41.5	(1.1)	480	(4.1)	m	m	466	(3.8)	47.7	(1.5)	514	(5.1)	m	m	496	(4.7)
	OECD total	40.9	(0.4)	501	(1.4)	502	(1.0)	494	(1.3)	35.3	(0.5)	524	(1.9)	516	(1.2)	513	(1.8)
	OECD average	41.9	(0.2)	504	(0.6)	497	(0.7)	501	(0.6)	34.9	(0.2)	529	(0.9)	519	(0.9)	525	(0.9)
Partners	Argentina	17.6	(0.9)	411	(7.6)	394	(9.3)	406	(7.3)	38.0	(1.5)	423	(6.0)	402	(7.8)	409	(6.6)
	Azerbaijan	50.7	(1.4)	379	(3.6)	343	(3.7)	476	(3.0)	42.6	(1.3)	390	(3.2)	366	(3.9)	476	(2.4)
	Brazil	14.5	(0.7)	425	(5.2)	432	(6.4)	407	(4.9)	26.3	(0.9)	420	(4.9)	420	(5.8)	401	(5.5)
	Bulgaria	56.5	(1.6)	429	(4.8)	399	(5.7)	408	(4.7)	30.4	(1.7)	483	(8.7)	450	(8.9)	457	(8.7)
	Chile	38.9	(1.3)	450	(4.8)	452	(4.8)	425	(4.6)	21.2	(1.3)	493	(5.0)	500	(7.1)	464	(5.2)
	Colombia	13.8	(1.0)	394	(5.8)	386	(6.9)	386	(5.2)	31.7	(1.5)	413	(4.6)	415	(6.2)	397	(4.6)
	Croatia	52.9	(0.7)	494	(2.7)	481	(3.1)	470	(2.7)	31.7	(0.7)	508	(2.9)	489	(3.3)	478	(2.7)
	Estonia	54.3	(0.9)	522	(2.8)	494	(3.5)	505	(3.0)	41.3	(0.9)	548	(3.1)	515	(3.3)	532	(3.2)
	Hong Kong-China	35.3	(1.0)	557	(3.3)	549	(3.3)	563	(3.7)	7.7	(0.7)	573	(8.8)	555	(7.8)	574	(9.4)
	Indonesia	21.7	(1.9)	419	(8.6)	421	(8.6)	417	(8.5)	10.6	(1.1)	417	(8.9)	411	(9.5)	417	(10.2)
	Israel	35.3	(0.9)	443	(4.1)	430	(5.0)	430	(5.1)	53.5	(1.2)	482	(4.4)	464	(5.3)	471	(4.7)
	Jordan	29.4	(0.8)	429	(2.8)	410	(3.3)	392	(3.0)	31.9	(1.2)	451	(4.6)	427	(5.6)	412	(4.8)
	Kyrgyzstan	31.8	(0.9)	311	(3.9)	265	(3.8)	297	(3.6)	63.2	(1.0)	332	(3.0)	300	(3.8)	322	(3.8)
	Latvia	53.4	(1.0)	482	(2.8)	472	(3.5)	476	(2.8)	42.8	(1.0)	507	(3.7)	496	(4.5)	505	(3.7)
	Liechtenstein	39.5	(2.6)	544	(7.4)	531	(7.5)	543	(8.0)	26.6	(2.3)	548	(11.0)	533	(10.0)	543	(10.2)
	Lithuania	47.0	(1.3)	470	(2.8)	454	(3.1)	465	(2.9)	51.0	(1.2)	508	(3.6)	491	(3.8)	510	(3.8)
	Macao-China	20.6	(0.5)	519	(3.0)	500	(2.9)	535	(3.2)	6.6	(0.4)	519	(5.5)	501	(6.3)	522	(6.0)
	Montenegro	40.4	(0.7)	410	(2.1)	390	(2.3)	397	(2.5)	49.3	(0.7)	423	(1.8)	403	(2.0)	412	(2.1)
	Qatar	30.3	(0.6)	350	(1.6)	315	(2.3)	315	(1.9)	43.2	(0.5)	361	(1.4)	326	(2.1)	336	(1.8)
	Romania	46.9	(1.2)	421	(3.8)	403	(4.7)	417	(4.3)	39.6	(1.4)	432	(6.6)	403	(6.9)	428	(6.3)
	Russian Federation	65.1	(1.1)	472	(3.6)	433	(4.3)	468	(3.8)	32.5	(1.2)	499	(4.6)	460	(5.3)	495	(5.0)
	Serbia	47.8	(0.8)	441	(3.3)	409	(3.8)	443	(3.7)	36.7	(0.9)	450	(3.3)	416	(3.6)	448	(3.9)
	Slovenia	56.5	(0.8)	512	(2.0)	488	(1.7)	497	(1.7)	28.2	(0.7)	564	(2.9)	530	(2.4)	547	(2.9)
	Chinese Taipei	58.2	(1.0)	541	(3.1)	505	(3.0)	560	(3.4)	9.0	(0.5)	597	(4.2)	549	(4.2)	610	(4.9)
	Thailand	15.9	(0.6)	436	(3.8)	431	(4.0)	435	(4.1)	9.0	(0.7)	490	(6.2)	483	(5.8)	487	(5.8)
	Tunisia	21.1	(1.1)	405	(5.1)	403	(5.8)	387	(6.5)	13.1	(1.3)	413	(9.2)	400	(11.3)	406	(10.6)
	Uruguay	12.9	(0.6)	449	(5.3)	437	(7.5)	452	(7.4)	41.7	(1.0)	457	(3.1)	445	(4.4)	458	(3.1)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 3/4]

Table 4.7b Percentage of students and performance on the science, reading and mathematics scales, by level of mothers' education[1]

Tableau 4.7b Pourcentage d'élèves et scores sur les échelles de culture scientifique, de compréhension de l'écrit et de culture mathématique, selon le niveau de formation de la mère

		Increased likelihood of students whose mothers have not completed upper secondary education scoring in the bottom quarter of the science performance distribution		Difference in performance between students whose mother completed primary or lower secondary education and students whose mother did not complete primary education					
				Science		Reading		Mathematics	
		Ratio	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	**1.5**	(0.06)	c	c	c	c	c	c
	Austria	**2.3**	(0.22)	c	c	c	c	c	c
	Belgium	**2.1**	(0.14)	**73**	(7.9)	**84**	(9.8)	**72**	(8.6)
	Canada	**1.8**	(0.11)	c	c	c	c	c	c
	Czech Republic	**2.2**	(0.22)	c	c	c	c	c	c
	Denmark	**2.0**	(0.16)	c	c	c	c	c	c
	Finland	**1.5**	(0.12)	c	c	c	c	c	c
	France	**2.0**	(0.16)	**40**	(7.7)	**28**	(8.1)	**38**	(8.3)
	Germany	**2.6**	(0.17)	**55**	(9.2)	**51**	(11.6)	**44**	(9.0)
	Greece	**2.1**	(0.15)	c	c	c	c	c	c
	Hungary	**2.6**	(0.16)	c	c	c	c	c	c
	Iceland	**1.7**	(0.09)	**31**	(8.8)	**21**	(8.9)	**33**	(9.4)
	Ireland	**1.7**	(0.12)	c	c	c	c	c	c
	Italy	**1.6**	(0.09)	c	c	c	c	c	c
	Japan	**1.9**	(0.16)	c	c	c	c	c	c
	Korea	**1.6**	(0.11)	c	c	c	c	c	c
	Luxembourg	**2.4**	(0.14)	**35**	(5.8)	**30**	(5.5)	**28**	(5.9)
	Mexico	**2.0**	(0.16)	**32**	(3.3)	**38**	(4.8)	**34**	(4.0)
	Netherlands	**1.6**	(0.12)	**54**	(8.9)	**51**	(10.1)	**52**	(8.3)
	New Zealand	**1.6**	(0.11)	18	(9.8)	**32**	(9.5)	**23**	(9.0)
	Norway	**1.7**	(0.16)	c	c	c	c	c	c
	Poland	**2.1**	(0.12)	c	c	c	c	c	c
	Portugal	**2.1**	(0.20)	**31**	(3.7)	**37**	(4.3)	**30**	(3.9)
	Slovak Republic	**2.7**	(0.30)	c	c	c	c	c	c
	Spain	**1.6**	(0.11)	**41**	(4.8)	**35**	(4.7)	**37**	(5.3)
	Sweden	**1.7**	(0.11)	c	c	c	c	c	c
	Switzerland	**2.1**	(0.11)	**31**	(7.6)	**25**	(7.8)	**32**	(8.5)
	Turkey	**2.0**	(0.25)	**22**	(4.2)	**24**	(5.8)	**29**	(6.1)
	United Kingdom	**1.9**	(0.14)	c	c	c	c	c	c
	United States	**2.1**	(0.18)	c	c	m	m	c	c
	OECD total	**2.5**	(0.08)	**41**	(2.4)	**44**	(3.0)	**39**	(2.8)
	OECD average	**2.0**	(0.03)	**39**	(2.1)	**38**	(2.3)	**38**	(2.1)
Partners	Argentina	**2.1**	(0.21)	**40**	(8.1)	**25**	(10.5)	**38**	(8.0)
	Azerbaijan	**1.4**	(0.14)	c	c	c	c	c	c
	Brazil	**1.8**	(0.12)	**27**	(4.2)	**24**	(6.3)	**36**	(4.7)
	Bulgaria	**2.7**	(0.28)	c	c	c	c	c	c
	Chile	**2.4**	(0.23)	6	(5.4)	**7**	(6.5)	3	(5.1)
	Colombia	**1.5**	(0.16)	**10**	(4.8)	11	(8.3)	8	(6.2)
	Croatia	**1.7**	(0.13)	c	c	c	c	c	c
	Estonia	**1.7**	(0.23)	c	c	c	c	c	c
	Hong Kong-China	**1.7**	(0.13)	**18**	(7.1)	11	(6.3)	**13**	(6.6)
	Indonesia	**1.6**	(0.18)	**9**	(3.6)	**11**	(4.2)	**12**	(4.7)
	Israel	**1.9**	(0.16)	**22**	(9.3)	**49**	(12.0)	**22**	(10.0)
	Jordan	**1.8**	(0.13)	**22**	(5.0)	**35**	(5.8)	**29**	(5.1)
	Kyrgyzstan	**1.6**	(0.18)	c	c	c	c	c	c
	Latvia	**1.9**	(0.22)	c	c	c	c	c	c
	Liechtenstein	**2.2**	(0.57)	c	c	c	c	c	c
	Lithuania	**2.2**	(0.28)	c	c	c	c	c	c
	Macao-China	**1.1**	(0.09)	**8**	(3.6)	5	(3.7)	**12**	(4.0)
	Montenegro	**1.8**	(0.13)	c	c	c	c	c	c
	Qatar	**1.1**	(0.06)	5	(3.7)	9	(5.4)	5	(5.1)
	Romania	**2.2**	(0.31)	c	c	c	c	c	c
	Russian Federation	**1.7**	(0.27)	c	c	c	c	c	c
	Serbia	**2.1**	(0.16)	c	c	c	c	c	c
	Slovenia	**2.0**	(0.10)	c	c	c	c	c	c
	Chinese Taipei	**1.9**	(0.12)	c	c	c	c	c	c
	Thailand	**1.8**	(0.20)	8	(6.0)	6	(8.4)	12	(5.5)
	Tunisia	**1.4**	(0.15)	6	(4.0)	**19**	(5.5)	**11**	(4.2)
	Uruguay	**2.1**	(0.17)	**31**	(5.7)	**31**	(7.4)	**42**	(6.8)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 4/4]

Table 4.7b Percentage of students and performance on the science, reading and mathematics scales, by level of mothers' education[1]

Tableau 4.7b Pourcentage d'élèves et scores sur les échelles de culture scientifique, de compréhension de l'écrit et de culture mathématique, selon le niveau de formation de la mère

		Difference in performance between students whose mother completed upper secondary education and students whose mother completed primary or lower secondary education						Difference in performance between students whose mother completed tertiary education and students whose mother completed upper secondary education					
		Science		Reading		Mathematics		Science		Reading		Mathematics	
		Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	**14**	(2.5)	**10**	(2.5)	**11**	(2.3)	**30**	(2.5)	**27**	(2.3)	**24**	(2.2)
	Austria	**57**	(9.9)	**48**	(11.5)	**52**	(9.6)	**15**	(4.1)	**18**	(4.6)	**11**	(4.0)
	Belgium	**24**	(6.0)	**25**	(6.9)	**28**	(7.8)	**36**	(3.3)	**29**	(3.8)	**33**	(3.4)
	Canada	**30**	(4.2)	**29**	(4.7)	**22**	(4.0)	**22**	(2.5)	**23**	(2.6)	**18**	(2.2)
	Czech Republic	**62**	(9.6)	**55**	(14.8)	**84**	(8.4)	**22**	(4.7)	**16**	(4.8)	**29**	(5.0)
	Denmark	**31**	(5.0)	**26**	(4.7)	**24**	(4.6)	**28**	(3.7)	**22**	(3.5)	**22**	(3.3)
	Finland	5	(5.0)	2	(4.8)	9	(4.7)	**27**	(3.4)	**31**	(3.4)	**24**	(2.9)
	France	**39**	(5.2)	**36**	(5.5)	**37**	(5.1)	**29**	(4.8)	**22**	(4.9)	**24**	(4.9)
	Germany	**60**	(6.2)	**76**	(6.9)	**55**	(6.2)	**12**	(4.3)	2	(4.8)	**17**	(4.4)
	Greece	**45**	(4.0)	**46**	(5.2)	**42**	(4.1)	**18**	(4.1)	**17**	(4.6)	**22**	(4.3)
	Hungary	**57**	(4.3)	**52**	(6.1)	**57**	(5.3)	**46**	(4.0)	**46**	(4.0)	**50**	(4.3)
	Iceland	**22**	(4.3)	**13**	(4.0)	**21**	(4.0)	**30**	(3.5)	**34**	(3.7)	**29**	(3.5)
	Ireland	**29**	(4.4)	**26**	(4.3)	**31**	(3.8)	**27**	(3.7)	**23**	(3.6)	**22**	(3.5)
	Italy	**39**	(2.8)	**40**	(3.1)	**34**	(2.9)	-1	(3.2)	-4	(4.1)	1	(3.3)
	Japan	**42**	(6.6)	**41**	(7.6)	**37**	(5.8)	**40**	(3.6)	**35**	(3.9)	**40**	(3.6)
	Korea	**23**	(5.2)	**16**	(4.7)	**25**	(5.2)	**29**	(5.9)	**29**	(5.2)	**36**	(7.0)
	Luxembourg	**33**	(4.7)	**34**	(4.6)	**23**	(4.1)	**21**	(4.2)	**20**	(3.8)	**17**	(4.0)
	Mexico	**40**	(4.6)	**40**	(5.7)	**44**	(4.3)	-4	(3.9)	-1	(4.9)	**-7**	(3.9)
	Netherlands	**21**	(4.6)	**24**	(4.9)	**14**	(5.0)	**24**	(4.4)	**15**	(4.5)	**24**	(3.7)
	New Zealand	**31**	(5.1)	**24**	(4.9)	**19**	(4.7)	**25**	(3.7)	**21**	(3.6)	**22**	(3.3)
	Norway	**30**	(7.6)	**28**	(9.0)	**34**	(7.3)	**23**	(3.4)	**15**	(4.0)	**22**	(3.5)
	Poland	**48**	(4.3)	**49**	(5.4)	**47**	(4.1)	**61**	(3.7)	**60**	(4.2)	**56**	(3.3)
	Portugal	**22**	(4.0)	**23**	(5.0)	**23**	(3.9)	**24**	(4.3)	**24**	(4.6)	**22**	(4.6)
	Slovak Republic	**89**	(13.6)	**90**	(18.3)	**103**	(18.0)	**46**	(4.7)	**45**	(4.9)	**42**	(5.3)
	Spain	**22**	(3.2)	**20**	(3.2)	**21**	(3.1)	**21**	(4.1)	**15**	(4.5)	**18**	(4.3)
	Sweden	**33**	(5.2)	**36**	(5.8)	**29**	(6.2)	**11**	(3.4)	**7**	(3.5)	**14**	(3.3)
	Switzerland	**53**	(3.0)	**44**	(3.0)	**47**	(3.0)	**6**	(3.4)	**8**	(3.4)	4	(3.2)
	Turkey	**44**	(6.4)	**43**	(6.8)	**47**	(7.5)	**31**	(11.5)	15	(11.4)	**43**	(11.4)
	United Kingdom	**40**	(6.9)	**31**	(5.7)	**21**	(5.3)	**17**	(3.3)	**15**	(3.3)	**13**	(2.9)
	United States	**52**	(5.9)	m	m	**46**	(4.6)	**34**	(4.5)	m	m	**30**	(3.5)
	OECD total	**60**	(1.8)	**58**	(1.4)	**56**	(1.8)	**23**	(1.7)	**14**	(1.3)	**19**	(1.5)
	OECD average	**38**	(1.1)	**35**	(1.3)	**36**	(1.1)	**25**	(0.8)	**22**	(0.8)	**24**	(0.8)
Partners	Argentina	**39**	(8.3)	**42**	(9.8)	**45**	(7.0)	12	(6.7)	8	(8.9)	3	(6.4)
	Azerbaijan	7	(5.0)	**-15**	(7.4)	1	(6.9)	**12**	(3.7)	**23**	(4.3)	0	(3.0)
	Brazil	**48**	(5.0)	**53**	(5.7)	**51**	(5.2)	-5	(5.9)	-13	(7.5)	-7	(6.1)
	Bulgaria	**75**	(8.2)	**80**	(10.8)	**63**	(9.8)	**53**	(7.4)	**50**	(7.8)	**50**	(7.0)
	Chile	**48**	(4.6)	**44**	(5.5)	**53**	(4.4)	**43**	(5.4)	**48**	(6.2)	**39**	(5.2)
	Colombia	**18**	(6.2)	**13**	(6.0)	**33**	(5.6)	**19**	(6.8)	**29**	(8.9)	11	(6.7)
	Croatia	**31**	(4.0)	**33**	(4.6)	**34**	(4.1)	**14**	(3.0)	**7**	(3.3)	**8**	(2.9)
	Estonia	**28**	(8.9)	**35**	(9.8)	**34**	(9.8)	**26**	(3.0)	**22**	(3.4)	**27**	(3.0)
	Hong Kong-China	**24**	(3.8)	**21**	(3.7)	**26**	(4.2)	16	(8.8)	6	(7.9)	11	(9.2)
	Indonesia	**36**	(5.8)	**38**	(5.9)	**36**	(6.4)	-2	(9.2)	-10	(9.7)	-1	(10.1)
	Israel	**35**	(6.7)	**19**	(7.1)	**40**	(8.2)	**39**	(4.4)	**34**	(5.2)	**40**	(4.6)
	Jordan	**26**	(3.1)	**23**	(3.6)	**25**	(3.3)	**22**	(4.5)	**17**	(5.1)	**19**	(4.0)
	Kyrgyzstan	**19**	(7.9)	22	(15.2)	17	(9.5)	**21**	(4.2)	**35**	(4.5)	**25**	(3.8)
	Latvia	**42**	(10.2)	**38**	(15.4)	**46**	(13.4)	**25**	(3.3)	**24**	(4.5)	**29**	(3.0)
	Liechtenstein	**59**	(13.8)	**53**	(12.8)	**46**	(14.2)	4	(14.1)	2	(13.3)	-1	(14.1)
	Lithuania	c	c	c	c	c	c	**38**	(4.1)	**37**	(4.2)	**44**	(4.1)
	Macao-China	**8**	(3.6)	**9**	(3.5)	**9**	(3.9)	0	(6.1)	1	(7.0)	-13	(6.6)
	Montenegro	**33**	(4.4)	**32**	(4.6)	**38**	(4.6)	**12**	(3.0)	**12**	(3.3)	**15**	(3.5)
	Qatar	**12**	(3.1)	**15**	(4.8)	**16**	(3.7)	**12**	(2.3)	**11**	(3.3)	**22**	(2.7)
	Romania	**44**	(6.5)	**48**	(7.2)	**42**	(8.1)	**12**	(5.1)	0	(6.2)	**10**	(5.1)
	Russian Federation	c	c	c	c	c	c	**27**	(3.6)	**27**	(4.0)	**27**	(3.9)
	Serbia	**51**	(4.2)	**60**	(4.9)	**56**	(4.9)	**8**	(3.3)	7	(3.6)	6	(3.5)
	Slovenia	**41**	(4.6)	**31**	(4.5)	**34**	(4.2)	**52**	(4.1)	**42**	(3.4)	**49**	(3.6)
	Chinese Taipei	**39**	(3.5)	**35**	(3.0)	**41**	(4.2)	**56**	(4.2)	**44**	(4.2)	**50**	(4.9)
	Thailand	**26**	(3.7)	**24**	(3.6)	**28**	(4.1)	**54**	(5.2)	**52**	(4.8)	**52**	(5.2)
	Tunisia	**28**	(5.8)	**26**	(6.5)	**32**	(6.7)	8	(6.8)	-3	(9.0)	**20**	(8.2)
	Uruguay	**44**	(5.9)	**52**	(8.8)	**53**	(7.6)	8	(4.5)	8	(6.4)	6	(6.9)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 1/4]

Table 4.7c Percentage of students and performance on the science, reading and mathematics scales, by level of fathers' education[1]

Tableau 4.7c Pourcentage d'élèves et scores sur les échelles de culture scientifique, de compréhension de l'écrit et de culture mathématique, selon le niveau de formation du père

		Fathers without completed primary education (ISCED Level 0)								Fathers with completed primary or lower secondary education (ISCED Levels 1 or 2)							
				Performance								Performance					
				Science		Reading		Mathematics				Science		Reading		Mathematics	
		% of students	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	% of students	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD	Australia	2.3	(0.2)	c	c	c	c	c	c	20.1	(0.6)	505	(2.7)	493	(2.4)	500	(2.5)
	Austria	1.5	(0.2)	c	c	c	c	c	c	6.7	(0.6)	457	(13.7)	456	(17.3)	469	(12.9)
	Belgium	3.5	(0.3)	426	(7.5)	406	(9.5)	437	(7.3)	10.5	(0.4)	491	(4.2)	487	(4.8)	505	(4.2)
	Canada	1.1	(0.1)	c	c	c	c	c	c	9.0	(0.4)	506	(3.9)	497	(4.2)	505	(3.3)
	Czech Republic	1.0	(0.2)	c	c	c	c	c	c	2.6	(0.3)	c	c	c	c	c	c
	Denmark	1.6	(0.2)	c	c	c	c	c	c	13.3	(0.7)	461	(4.9)	463	(4.9)	484	(4.3)
	Finland	2.2	(0.2)	c	c	c	c	c	c	15.9	(0.7)	557	(3.8)	537	(3.4)	540	(3.6)
	France	4.9	(0.4)	428	(9.8)	434	(10.3)	428	(9.3)	21.6	(0.9)	476	(4.5)	473	(5.4)	479	(4.1)
	Germany	3.6	(0.4)	421	(8.2)	398	(10.0)	429	(10.3)	17.0	(0.6)	473	(5.4)	449	(6.0)	468	(4.7)
	Greece	1.4	(0.2)	c	c	c	c	c	c	29.1	(1.1)	437	(4.2)	431	(5.6)	420	(4.0)
	Hungary	1.1	(0.2)	c	c	c	c	c	c	9.9	(0.7)	450	(4.6)	430	(7.0)	432	(4.9)
	Iceland	3.1	(0.3)	441	(8.1)	444	(9.2)	451	(7.1)	14.5	(0.6)	464	(4.4)	459	(4.5)	488	(4.5)
	Ireland	1.5	(0.2)	c	c	c	c	c	c	24.3	(0.9)	484	(4.7)	492	(5.0)	479	(3.9)
	Italy	1.3	(0.1)	c	c	c	c	c	c	39.8	(0.6)	456	(2.5)	451	(3.3)	445	(2.2)
	Japan	0.0	c	c	c	c	c	c	c	7.0	(0.5)	479	(6.6)	446	(7.6)	482	(6.3)
	Korea	1.5	(0.2)	c	c	c	c	c	c	11.5	(0.6)	497	(5.6)	531	(6.4)	516	(6.1)
	Luxembourg	11.0	(0.4)	420	(4.1)	419	(5.0)	441	(3.9)	15.1	(0.5)	463	(3.9)	452	(4.1)	472	(3.2)
	Mexico	16.0	(0.9)	372	(3.8)	363	(5.9)	367	(5.7)	45.0	(1.0)	398	(2.9)	400	(3.3)	394	(3.1)
	Netherlands	2.7	(0.4)	c	c	c	c	c	c	16.3	(0.6)	502	(4.6)	488	(5.3)	512	(4.2)
	New Zealand	4.1	(0.3)	468	(8.5)	460	(8.8)	469	(8.1)	12.2	(0.6)	505	(4.8)	504	(4.8)	502	(4.3)
	Norway	1.3	(0.2)	c	c	c	c	c	c	7.1	(0.4)	474	(5.5)	479	(5.7)	478	(5.6)
	Poland	0.4	(0.1)	c	c	c	c	c	c	8.2	(0.5)	457	(4.0)	462	(4.8)	454	(4.2)
	Portugal	31.0	(1.1)	450	(3.6)	444	(4.7)	441	(3.8)	31.5	(0.9)	472	(3.3)	473	(3.8)	465	(3.5)
	Slovak Republic	1.0	(0.2)	c	c	c	c	c	c	3.4	(0.6)	395	(15.3)	369	(22.9)	374	(20.8)
	Spain	9.5	(0.6)	449	(5.0)	425	(4.9)	440	(4.5)	37.8	(1.0)	476	(2.5)	452	(2.5)	470	(2.3)
	Sweden	2.5	(0.3)	c	c	c	c	c	c	18.4	(0.7)	489	(3.5)	494	(3.9)	486	(3.3)
	Switzerland	3.7	(0.3)	441	(6.0)	436	(6.1)	466	(6.6)	22.3	(0.6)	474	(3.7)	467	(3.6)	496	(3.8)
	Turkey	5.5	(0.5)	390	(5.3)	410	(8.5)	387	(7.6)	56.9	(1.5)	406	(2.4)	432	(3.6)	403	(2.6)
	United Kingdom	2.4	(0.2)	c	c	c	c	c	c	11.7	(0.5)	494	(4.4)	478	(4.3)	483	(4.0)
	United States	2.6	(0.4)	c	c	m	m	c	c	9.6	(0.6)	433	(4.6)	m	m	426	(4.6)
	OECD total	4.1	(0.1)	408	(2.6)	399	(3.6)	405	(3.4)	19.5	(0.3)	442	(1.3)	443	(1.4)	438	(1.4)
	OECD average	4.2	(0.1)	428	(2.0)	422	(2.4)	432	(2.1)	18.3	(0.1)	470	(1.0)	466	(1.3)	470	(1.1)
Partners	Argentina	13.4	(0.9)	336	(6.3)	327	(8.7)	321	(7.7)	33.6	(1.5)	382	(5.7)	366	(7.1)	375	(5.5)
	Azerbaijan	2.6	(0.3)	c	c	c	c	c	c	4.5	(0.5)	366	(5.2)	358	(7.1)	471	(4.3)
	Brazil	18.2	(0.6)	349	(3.2)	347	(5.6)	320	(3.8)	41.4	(0.9)	381	(3.0)	384	(4.3)	360	(3.3)
	Bulgaria	1.1	(0.2)	c	c	c	c	c	c	9.6	(0.8)	360	(9.0)	320	(11.7)	348	(9.4)
	Chile	9.6	(0.8)	394	(5.3)	396	(6.3)	369	(6.4)	28.4	(1.4)	405	(3.6)	408	(4.7)	377	(3.9)
	Colombia	18.0	(1.3)	367	(4.6)	354	(8.0)	343	(7.7)	34.8	(1.3)	372	(4.2)	370	(6.4)	354	(4.4)
	Croatia	0.6	(0.1)	c	c	c	c	c	c	10.0	(0.5)	454	(4.9)	435	(5.4)	428	(5.3)
	Estonia	0.6	(0.1)	c	c	c	c	c	c	6.7	(0.5)	516	(5.1)	486	(6.6)	490	(6.6)
	Hong Kong-China	8.6	(0.4)	523	(5.2)	518	(4.9)	528	(5.6)	47.0	(1.3)	529	(3.1)	527	(3.1)	534	(3.2)
	Indonesia	10.6	(0.8)	369	(6.0)	369	(6.3)	364	(6.6)	48.1	(2.0)	381	(3.9)	378	(4.3)	377	(3.9)
	Israel	3.5	(0.4)	405	(11.2)	384	(12.5)	390	(10.3)	8.5	(0.5)	414	(7.3)	407	(7.5)	402	(8.4)
	Jordan	7.8	(0.7)	376	(5.5)	348	(7.8)	335	(5.4)	25.1	(0.8)	400	(2.8)	380	(3.2)	362	(3.5)
	Kyrgyzstan	1.7	(0.2)	c	c	c	c	c	c	3.1	(0.4)	301	(8.8)	258	(8.7)	279	(8.7)
	Latvia	0.8	(0.1)	c	c	c	c	c	c	5.2	(0.5)	469	(8.0)	453	(8.7)	468	(11.0)
	Liechtenstein	2.1	(0.8)	c	c	c	c	c	c	24.1	(2.5)	483	(10.7)	479	(10.5)	490	(11.6)
	Lithuania	0.9	(0.1)	c	c	c	c	c	c	1.9	(0.2)	c	c	c	c	c	c
	Macao-China	12.1	(0.6)	494	(3.7)	482	(4.3)	507	(4.3)	55.0	(0.9)	510	(1.6)	492	(1.5)	524	(1.8)
	Montenegro	1.0	(0.2)	c	c	c	c	c	c	5.5	(0.4)	372	(4.8)	350	(5.6)	361	(5.4)
	Qatar	7.9	(0.3)	324	(3.1)	283	(4.1)	280	(3.9)	13.1	(0.4)	332	(2.4)	288	(3.1)	298	(2.7)
	Romania	1.4	(0.3)	c	c	c	c	c	c	10.1	(0.8)	374	(7.5)	354	(10.2)	373	(9.5)
	Russian Federation	0.2	(0.1)	c	c	c	c	c	c	3.5	(0.3)	439	(9.0)	404	(11.5)	447	(10.6)
	Serbia	0.5	(0.1)	c	c	c	c	c	c	10.9	(0.7)	394	(4.9)	351	(5.7)	384	(5.2)
	Slovenia	0.8	(0.2)	c	c	c	c	c	c	11.5	(0.5)	472	(5.1)	452	(6.1)	463	(4.8)
	Chinese Taipei	1.1	(0.2)	c	c	c	c	c	c	29.6	(1.1)	501	(4.6)	469	(4.1)	515	(5.6)
	Thailand	8.5	(0.7)	406	(6.5)	399	(9.1)	399	(6.0)	60.9	(1.1)	407	(1.9)	404	(2.3)	402	(2.2)
	Tunisia	10.1	(0.8)	363	(4.3)	353	(5.3)	331	(4.7)	41.2	(1.4)	373	(2.5)	370	(3.3)	347	(3.2)
	Uruguay	8.9	(0.5)	381	(5.0)	355	(7.1)	376	(5.3)	40.3	(0.9)	410	(3.4)	396	(4.6)	410	(3.5)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
StatLink http://dx.doi.org/10.1787/142104560611

Pour consulter la version française intégrale de ce tableau, suivre ce lien :
StatLink http://dx.doi.org/10.1787/152684743050



[Part 2/4]

Table 4.7c Percentage of students and performance on the science, reading and mathematics scales, by level of fathers' education[1]

Tableau 4.7c Pourcentage d'élèves et scores sur les échelles de culture scientifique, de compréhension de l'écrit et de culture mathématique, selon le niveau de formation du père

		Fathers with completed upper secondary education (ISCED Level 3)								Fathers with completed tertiary education (ISCED Levels 5 or 6)							
				Performance								Performance					
				Science		Reading		Mathematics				Science		Reading		Mathematics	
		% of students	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	% of students	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD	Australia	37.3	(0.6)	522	(2.3)	508	(2.2)	514	(2.2)	40.4	(0.8)	556	(2.8)	541	(2.5)	548	(3.0)
	Austria	47.3	(1.0)	514	(3.9)	492	(4.0)	509	(3.9)	44.6	(1.0)	521	(3.9)	499	(4.1)	513	(3.9)
	Belgium	40.4	(0.7)	510	(2.9)	505	(3.3)	523	(3.2)	45.7	(0.9)	537	(2.7)	527	(3.3)	548	(3.0)
	Canada	37.5	(0.7)	532	(2.3)	523	(2.7)	523	(2.3)	52.4	(0.7)	550	(2.2)	544	(2.6)	541	(2.2)
	Czech Republic	72.4	(0.8)	512	(3.4)	483	(3.7)	511	(3.4)	24.0	(0.8)	537	(5.1)	504	(5.8)	535	(5.4)
	Denmark	42.3	(1.0)	491	(3.4)	492	(3.4)	510	(2.8)	42.9	(1.3)	523	(4.0)	517	(4.0)	535	(3.6)
	Finland	23.0	(0.6)	555	(2.9)	537	(3.1)	542	(3.0)	58.9	(0.9)	573	(2.5)	558	(2.6)	558	(2.6)
	France	42.6	(1.1)	503	(3.7)	495	(4.9)	505	(3.5)	30.9	(1.3)	536	(5.0)	522	(5.0)	533	(4.9)
	Germany	40.5	(0.8)	528	(3.0)	518	(3.6)	515	(3.2)	38.8	(1.0)	548	(3.6)	525	(4.2)	534	(4.0)
	Greece	34.3	(0.9)	479	(3.4)	468	(4.3)	464	(3.1)	35.2	(1.3)	502	(3.7)	480	(4.7)	490	(3.7)
	Hungary	65.2	(1.1)	499	(2.7)	478	(3.3)	485	(2.6)	23.9	(1.1)	550	(4.4)	526	(4.7)	541	(5.0)
	Iceland	44.9	(0.9)	492	(2.4)	487	(2.7)	503	(2.5)	37.5	(0.7)	512	(2.6)	503	(2.7)	526	(2.6)
	Ireland	41.7	(0.9)	509	(3.0)	520	(3.4)	503	(2.8)	32.4	(1.2)	537	(4.1)	545	(4.1)	526	(3.5)
	Italy	39.9	(0.6)	492	(2.4)	484	(2.8)	474	(2.9)	19.0	(0.6)	495	(3.6)	487	(4.1)	482	(3.8)
	Japan	42.3	(1.1)	515	(4.5)	483	(4.6)	506	(4.4)	50.7	(1.2)	561	(3.1)	528	(3.6)	551	(3.2)
	Korea	46.8	(1.2)	514	(3.3)	549	(4.2)	538	(3.4)	40.2	(1.3)	544	(4.9)	574	(4.5)	573	(6.0)
	Luxembourg	37.6	(0.7)	492	(2.3)	485	(2.4)	493	(2.3)	36.2	(0.7)	523	(2.7)	516	(2.6)	521	(2.5)
	Mexico	9.7	(0.5)	435	(2.6)	439	(3.6)	434	(2.8)	29.3	(0.9)	441	(4.0)	444	(4.3)	437	(3.9)
	Netherlands	37.8	(1.0)	520	(3.1)	505	(3.3)	528	(3.0)	43.3	(1.2)	551	(3.0)	530	(3.5)	552	(2.9)
	New Zealand	47.8	(1.0)	536	(3.0)	526	(3.3)	524	(2.6)	35.9	(1.0)	565	(3.6)	555	(3.8)	556	(3.4)
	Norway	40.5	(1.0)	481	(3.5)	482	(4.0)	485	(3.5)	51.1	(1.1)	506	(3.0)	503	(3.0)	507	(2.6)
	Poland	79.9	(0.8)	496	(2.3)	507	(2.8)	495	(2.4)	11.5	(0.7)	559	(5.3)	566	(5.4)	548	(4.7)
	Portugal	21.2	(0.7)	497	(4.1)	496	(4.8)	489	(3.9)	16.3	(1.0)	512	(4.8)	514	(5.2)	503	(4.9)
	Slovak Republic	75.2	(1.0)	483	(2.7)	462	(3.3)	488	(2.7)	20.4	(0.9)	535	(4.7)	512	(5.0)	540	(5.0)
	Spain	25.9	(0.6)	496	(2.9)	471	(3.0)	487	(2.7)	26.8	(0.9)	522	(3.4)	486	(3.7)	510	(3.6)
	Sweden	28.2	(0.8)	513	(3.7)	514	(4.7)	509	(3.6)	50.9	(0.9)	515	(2.9)	520	(3.7)	514	(2.9)
	Switzerland	29.5	(0.7)	519	(3.0)	506	(2.9)	537	(3.3)	44.4	(0.9)	537	(3.8)	523	(3.7)	553	(3.6)
	Turkey	23.0	(1.0)	441	(5.1)	462	(5.4)	445	(6.3)	14.6	(1.2)	480	(10.9)	499	(9.7)	487	(13.6)
	United Kingdom	47.7	(0.9)	523	(2.6)	502	(2.4)	500	(2.4)	38.2	(0.9)	546	(3.6)	525	(3.5)	521	(3.3)
	United States	43.2	(1.2)	481	(3.8)	m	m	467	(3.6)	44.6	(1.5)	520	(5.3)	m	m	502	(4.9)
	OECD total	39.6	(0.4)	498	(1.4)	498	(1.0)	490	(1.3)	36.8	(0.5)	527	(1.7)	518	(1.2)	517	(1.6)
	OECD average	41.5	(0.2)	503	(0.6)	496	(0.7)	500	(0.6)	36.0	(0.2)	530	(0.8)	520	(0.8)	526	(0.8)
Partners	Argentina	19.9	(0.9)	404	(8.2)	382	(10.5)	398	(8.4)	33.1	(1.7)	424	(6.7)	408	(8.2)	410	(7.5)
	Azerbaijan	40.6	(1.4)	376	(3.7)	341	(4.2)	476	(2.9)	52.3	(1.3)	391	(3.1)	365	(3.4)	477	(2.5)
	Brazil	13.8	(0.6)	424	(4.5)	430	(6.0)	406	(4.4)	26.5	(0.8)	422	(5.4)	423	(6.0)	403	(6.0)
	Bulgaria	64.9	(1.3)	431	(5.1)	399	(5.8)	409	(4.9)	24.4	(1.5)	483	(9.1)	455	(9.6)	459	(9.5)
	Chile	38.0	(1.2)	447	(4.4)	453	(5.1)	422	(4.5)	24.0	(1.6)	489	(5.2)	492	(6.7)	459	(5.3)
	Colombia	13.0	(0.8)	393	(6.1)	399	(8.0)	378	(5.9)	34.1	(1.2)	415	(4.6)	414	(6.5)	399	(4.9)
	Croatia	56.6	(0.8)	496	(2.8)	481	(3.2)	470	(2.7)	32.8	(0.8)	505	(3.4)	487	(3.5)	479	(3.2)
	Estonia	57.8	(0.9)	529	(2.9)	502	(3.6)	513	(2.9)	34.9	(0.9)	543	(3.4)	505	(3.5)	528	(3.3)
	Hong Kong-China	33.5	(0.9)	556	(3.2)	546	(3.2)	559	(3.4)	10.8	(0.9)	576	(7.3)	565	(6.8)	585	(8.0)
	Indonesia	26.8	(1.9)	411	(9.0)	414	(8.2)	410	(8.8)	14.4	(1.1)	421	(7.7)	419	(8.5)	421	(8.8)
	Israel	30.8	(0.7)	444	(4.2)	435	(5.2)	433	(5.1)	57.2	(0.9)	479	(4.3)	460	(5.2)	466	(4.7)
	Jordan	27.0	(0.8)	417	(3.3)	399	(3.5)	380	(3.1)	40.1	(1.2)	452	(3.9)	430	(4.5)	414	(4.3)
	Kyrgyzstan	30.2	(1.0)	311	(3.8)	264	(4.8)	295	(3.7)	65.0	(1.1)	329	(2.9)	295	(3.6)	320	(3.6)
	Latvia	61.2	(1.1)	488	(2.9)	480	(3.4)	483	(3.1)	32.7	(1.0)	502	(4.7)	496	(5.7)	504	(4.7)
	Liechtenstein	28.5	(2.3)	526	(7.4)	510	(8.2)	528	(7.6)	45.3	(2.6)	552	(6.4)	539	(6.1)	552	(6.2)
	Lithuania	59.7	(1.2)	477	(2.7)	460	(3.1)	475	(3.1)	37.5	(1.2)	513	(4.1)	495	(4.2)	514	(4.0)
	Macao-China	25.7	(0.8)	522	(2.5)	499	(3.2)	539	(3.2)	7.2	(0.4)	514	(5.6)	497	(5.8)	522	(5.7)
	Montenegro	42.3	(0.8)	407	(2.0)	387	(2.3)	394	(2.4)	51.1	(0.8)	422	(1.7)	403	(1.9)	410	(2.0)
	Qatar	26.7	(0.5)	337	(2.1)	303	(2.7)	299	(2.4)	52.3	(0.6)	367	(1.4)	333	(1.8)	340	(1.7)
	Romania	51.0	(1.3)	421	(4.7)	400	(4.7)	415	(4.5)	37.5	(1.6)	431	(5.8)	405	(6.3)	429	(5.9)
	Russian Federation	68.9	(1.0)	471	(3.8)	433	(4.3)	469	(4.1)	27.4	(1.1)	506	(4.9)	463	(5.8)	499	(5.1)
	Serbia	49.8	(0.7)	438	(3.2)	403	(3.9)	440	(3.6)	38.8	(0.9)	448	(3.4)	415	(3.9)	447	(4.0)
	Slovenia	63.9	(0.7)	514	(1.7)	490	(1.4)	500	(1.6)	23.8	(0.7)	564	(3.2)	536	(2.6)	546	(3.2)
	Chinese Taipei	54.8	(0.9)	537	(3.4)	500	(3.3)	556	(3.8)	14.5	(0.6)	590	(4.2)	546	(4.0)	606	(4.9)
	Thailand	20.4	(0.7)	438	(3.5)	434	(4.1)	440	(4.2)	10.2	(0.7)	486	(6.0)	477	(6.7)	479	(5.9)
	Tunisia	27.2	(1.0)	394	(4.1)	387	(5.4)	374	(5.2)	21.5	(1.6)	412	(6.5)	408	(8.0)	409	(7.8)
	Uruguay	10.8	(0.6)	448	(5.1)	436	(7.1)	450	(7.1)	40.0	(1.0)	457	(3.4)	443	(4.3)	455	(3.4)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 3/4]

Table 4.7c Percentage of students and performance on the science, reading and mathematics scales, by level of fathers' education[1]

Tableau 4.7c Pourcentage d'élèves et scores sur les échelles de culture scientifique, de compréhension de l'écrit et de culture mathématique, selon le niveau de formation du père

		Increased likelihood of students whose fathers have not completed upper secondary education scoring in the bottom quarter of the science performance distribution		Difference in performance between students whose father completed primary or lower secondary education and students whose father did not complete primary education					
				Science		Reading		Mathematics	
		Ratio	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	**1.6**	(0.06)	c	c	c	c	c	c
	Austria	**2.2**	(0.25)	c	c	c	c	c	c
	Belgium	**1.8**	(0.10)	**66**	(8.0)	**82**	(10.0)	**68**	(7.8)
	Canada	**1.7**	(0.08)	c	c	c	c	c	c
	Czech Republic	**2.1**	(0.23)	c	c	c	c	c	c
	Denmark	**1.8**	(0.13)	c	c	c	c	c	c
	Finland	**1.3**	(0.08)	c	c	c	c	c	c
	France	**1.8**	(0.15)	**49**	(9.5)	**39**	(10.4)	**51**	(9.6)
	Germany	**2.5**	(0.16)	**51**	(7.6)	**51**	(9.7)	**40**	(9.3)
	Greece	**2.1**	(0.17)	c	c	c	c	c	c
	Hungary	**2.3**	(0.16)	c	c	c	c	c	c
	Iceland	**1.7**	(0.12)	**23**	(8.5)	15	(9.0)	**37**	(9.0)
	Ireland	**1.6**	(0.11)	c	c	c	c	c	c
	Italy	**1.7**	(0.08)	c	c	c	c	c	c
	Japan	**2.0**	(0.15)	c	c	c	c	c	c
	Korea	**1.6**	(0.13)	c	c	c	c	c	c
	Luxembourg	**2.4**	(0.14)	**43**	(5.8)	**33**	(6.7)	**32**	(5.3)
	Mexico	**2.1**	(0.18)	**25**	(3.6)	**37**	(5.5)	**26**	(5.3)
	Netherlands	**1.7**	(0.14)	c	c	c	c	c	c
	New Zealand	**1.7**	(0.11)	**37**	(10.8)	**44**	(10.3)	**33**	(9.8)
	Norway	**1.4**	(0.16)	c	c	c	c	c	c
	Poland	**1.8**	(0.11)	c	c	c	c	c	c
	Portugal	**1.8**	(0.17)	**22**	(3.4)	**29**	(4.0)	**24**	(3.7)
	Slovak Republic	**2.8**	(0.33)	c	c	c	c	c	c
	Spain	**1.6**	(0.12)	**27**	(4.6)	**27**	(4.8)	**30**	(4.5)
	Sweden	**1.4**	(0.12)	c	c	c	c	c	c
	Switzerland	**2.0**	(0.11)	**33**	(6.6)	**31**	(6.4)	**30**	(6.8)
	Turkey	**1.8**	(0.19)	**16**	(5.2)	**21**	(8.2)	**16**	(7.4)
	United Kingdom	**1.6**	(0.10)	c	c	c	c	c	c
	United States	**2.0**	(0.14)	c	c	m	m	c	c
	OECD total	**2.4**	(0.07)	**34**	(2.6)	**44**	(3.3)	**33**	(3.3)
	OECD average	**1.9**	(0.03)	**36**	(2.1)	**37**	(2.4)	**35**	(2.2)
Partners	Argentina	**1.8**	(0.17)	**46**	(6.6)	**39**	(9.1)	**54**	(7.0)
	Azerbaijan	**1.5**	(0.18)	c	c	c	c	c	c
	Brazil	**1.8**	(0.12)	**32**	(3.8)	**37**	(5.4)	**40**	(4.1)
	Bulgaria	**2.4**	(0.23)	c	c	c	c	c	c
	Chile	**2.2**	(0.19)	**11**	(5.2)	**13**	(5.8)	9	(5.1)
	Colombia	**1.7**	(0.18)	5	(4.2)	**16**	(7.8)	**12**	(5.8)
	Croatia	**1.8**	(0.13)	c	c	c	c	c	c
	Estonia	**1.1**	(0.14)	c	c	c	c	c	c
	Hong Kong-China	**1.7**	(0.14)	7	(5.9)	9	(5.1)	6	(6.2)
	Indonesia	**1.7**	(0.19)	**12**	(3.9)	**10**	(4.3)	**14**	(5.0)
	Israel	**1.7**	(0.16)	9	(12.2)	**23**	(14.0)	12	(12.1)
	Jordan	**1.7**	(0.11)	**24**	(5.6)	**32**	(8.0)	**27**	(5.2)
	Kyrgyzstan	**1.6**	(0.16)	c	c	c	c	c	c
	Latvia	**1.6**	(0.19)	c	c	c	c	c	c
	Liechtenstein	**2.3**	(0.51)	c	c	c	c	c	c
	Lithuania	**1.4**	(0.19)	c	c	c	c	c	c
	Macao-China	**1.2**	(0.08)	**16**	(4.3)	**10**	(4.3)	**17**	(4.8)
	Montenegro	**1.8**	(0.18)	c	c	c	c	c	c
	Qatar	**1.2**	(0.08)	8	(4.2)	5	(5.5)	**18**	(5.4)
	Romania	**2.0**	(0.26)	c	c	c	c	c	c
	Russian Federation	**1.7**	(0.20)	c	c	c	c	c	c
	Serbia	**1.9**	(0.13)	c	c	c	c	c	c
	Slovenia	**1.9**	(0.16)	c	c	c	c	c	c
	Chinese Taipei	**1.9**	(0.13)	c	c	c	c	c	c
	Thailand	**1.8**	(0.20)	1	(6.6)	4	(9.0)	3	(6.5)
	Tunisia	**1.4**	(0.11)	**10**	(4.5)	**17**	(5.1)	**16**	(5.1)
	Uruguay	**2.1**	(0.16)	**29**	(5.5)	**41**	(7.5)	**34**	(6.2)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 4/4]

Table 4.7c Percentage of students and performance on the science, reading and mathematics scales, by level of fathers' education[1]

Tableau 4.7c Pourcentage d'élèves et scores sur les échelles de culture scientifique, de compréhension de l'écrit et de culture mathématique, selon le niveau de formation du père

		Difference in performance between students whose father completed upper secondary education and students whose father completed primary or lower secondary education						Difference in performance between students whose father completed tertiary education and students whose father completed upper secondary education					
		Science		Reading		Mathematics		Science		Reading		Mathematics	
		Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	**17**	(2.9)	**15**	(2.7)	**14**	(2.7)	**34**	(2.9)	**33**	(2.8)	**34**	(2.9)
	Austria	**57**	(12.8)	**37**	(16.1)	**40**	(12.4)	**7**	(3.1)	**6**	(3.9)	4	(3.7)
	Belgium	**19**	(4.7)	**17**	(4.9)	**18**	(4.4)	**27**	(2.9)	**22**	(3.2)	**26**	(2.9)
	Canada	**26**	(4.0)	**26**	(4.2)	**18**	(3.4)	**18**	(2.5)	**21**	(2.7)	**18**	(2.4)
	Czech Republic	c	c	c	c	c	c	**25**	(4.4)	**21**	(4.5)	**24**	(4.6)
	Denmark	**31**	(5.4)	**29**	(5.1)	**26**	(4.9)	**31**	(4.5)	**25**	(4.6)	**25**	(3.9)
	Finland	-2	(4.5)	0	(3.9)	3	(4.0)	**18**	(3.5)	**21**	(3.6)	**16**	(3.1)
	France	**27**	(4.9)	**22**	(5.2)	**26**	(4.7)	**33**	(5.5)	**27**	(5.4)	**28**	(5.3)
	Germany	**55**	(4.9)	**69**	(5.4)	**47**	(4.4)	**20**	(3.3)	7	(3.8)	**19**	(3.3)
	Greece	**42**	(3.9)	**37**	(5.3)	**44**	(4.1)	**23**	(3.8)	**12**	(5.1)	**26**	(3.9)
	Hungary	**49**	(4.9)	**48**	(7.3)	**53**	(5.1)	**51**	(4.6)	**48**	(4.7)	**56**	(4.8)
	Iceland	**28**	(5.1)	**28**	(5.0)	**15**	(5.1)	**20**	(3.3)	**17**	(3.4)	**23**	(3.0)
	Ireland	**25**	(4.1)	**28**	(4.5)	**25**	(3.4)	**28**	(4.1)	**25**	(3.6)	**22**	(3.8)
	Italy	**36**	(2.8)	**32**	(3.0)	**29**	(2.5)	3	(3.5)	3	(4.3)	7	(3.7)
	Japan	**36**	(5.9)	**37**	(6.6)	**24**	(5.4)	**46**	(4.2)	**45**	(4.7)	**45**	(4.4)
	Korea	**17**	(5.4)	**18**	(5.1)	**22**	(5.4)	**30**	(5.2)	**25**	(4.9)	**35**	(6.2)
	Luxembourg	**29**	(4.6)	**33**	(4.8)	**21**	(3.9)	**31**	(3.9)	**30**	(3.6)	**28**	(3.6)
	Mexico	**37**	(3.7)	**39**	(5.0)	**40**	(3.8)	6	(3.8)	5	(4.3)	3	(3.5)
	Netherlands	**18**	(5.2)	**17**	(5.6)	**16**	(4.5)	**31**	(3.5)	**25**	(4.2)	**24**	(3.4)
	New Zealand	**31**	(5.2)	**22**	(4.7)	**22**	(4.6)	**29**	(3.5)	**29**	(3.4)	**32**	(3.3)
	Norway	8	(5.8)	3	(6.6)	7	(5.6)	**25**	(3.7)	**21**	(3.9)	**22**	(3.6)
	Poland	**39**	(3.8)	**44**	(4.7)	**40**	(3.8)	**63**	(5.2)	**60**	(4.9)	**53**	(4.4)
	Portugal	**25**	(4.3)	**23**	(4.8)	**25**	(4.0)	**16**	(4.6)	**18**	(5.0)	**14**	(4.7)
	Slovak Republic	**88**	(15.9)	**92**	(23.4)	**114**	(21.4)	**52**	(4.6)	**50**	(5.2)	**52**	(4.7)
	Spain	**19**	(3.1)	**19**	(3.3)	**17**	(3.1)	**26**	(3.2)	**15**	(4.1)	**23**	(3.1)
	Sweden	**24**	(5.5)	**20**	(5.1)	**23**	(4.8)	2	(3.6)	7	(3.9)	5	(3.5)
	Switzerland	**45**	(3.4)	**39**	(3.4)	**41**	(3.8)	**18**	(3.5)	**17**	(3.0)	**16**	(3.5)
	Turkey	**35**	(4.8)	**30**	(4.9)	**42**	(5.3)	**39**	(8.7)	**37**	(7.9)	**42**	(10.6)
	United Kingdom	**29**	(4.2)	**23**	(4.0)	**17**	(3.5)	**24**	(4.4)	**23**	(3.9)	**21**	(3.9)
	United States	c	c	m	m	c	c	**38**	(4.6)	m	m	**35**	(3.8)
	OECD total	**56**	(1.9)	**55**	(1.6)	**52**	(1.8)	**29**	(1.6)	**20**	(1.4)	**27**	(1.4)
	OECD average	**32**	(1.1)	**30**	(1.4)	**30**	(1.2)	**27**	(0.8)	**24**	(0.8)	**26**	(0.8)
Partners	Argentina	**22**	(6.9)	16	(10.1)	**23**	(6.6)	**20**	(7.5)	**27**	(9.4)	12	(7.7)
	Azerbaijan	10	(5.7)	**-17**	(6.3)	5	(4.5)	**14**	(3.7)	**25**	(4.2)	1	(2.7)
	Brazil	**43**	(4.6)	**46**	(4.9)	**46**	(4.6)	-2	(5.6)	-7	(6.8)	-3	(6.3)
	Bulgaria	**71**	(8.4)	**79**	(10.5)	**61**	(8.9)	**52**	(7.5)	**56**	(8.6)	**49**	(7.6)
	Chile	**42**	(4.3)	**44**	(5.4)	**44**	(4.2)	**42**	(5.3)	**40**	(6.4)	**38**	(5.4)
	Colombia	**21**	(5.8)	**29**	(9.1)	**23**	(6.3)	**22**	(5.3)	**15**	(7.5)	**21**	(6.3)
	Croatia	**42**	(4.4)	**46**	(4.6)	**42**	(4.9)	**9**	(3.6)	5	(3.7)	**9**	(3.5)
	Estonia	**13**	(4.4)	**16**	(5.7)	**23**	(5.8)	**14**	(3.9)	3	(4.1)	**15**	(3.4)
	Hong Kong-China	**26**	(4.1)	**19**	(3.9)	**25**	(4.2)	**21**	(7.4)	**19**	(7.0)	**26**	(7.8)
	Indonesia	**31**	(6.9)	**36**	(5.9)	**33**	(7.2)	10	(8.4)	5	(7.8)	11	(8.7)
	Israel	**30**	(7.3)	**29**	(7.3)	**32**	(7.7)	**35**	(4.3)	**24**	(4.7)	**32**	(4.0)
	Jordan	**17**	(3.7)	**18**	(3.9)	**17**	(3.5)	**35**	(4.3)	**31**	(4.6)	**34**	(3.9)
	Kyrgyzstan	10	(8.3)	6	(8.2)	15	(8.9)	**18**	(3.9)	**31**	(5.0)	**26**	(3.7)
	Latvia	**19**	(8.1)	**27**	(9.4)	15	(11.5)	**14**	(4.6)	**16**	(5.3)	**21**	(4.6)
	Liechtenstein	**43**	(13.5)	**31**	(14.6)	**38**	(14.0)	**26**	(9.6)	**28**	(9.7)	**24**	(9.2)
	Lithuania	c	c	c	c	c	c	**36**	(4.0)	**35**	(4.1)	**39**	(3.7)
	Macao-China	**13**	(3.1)	7	(3.7)	**15**	(3.5)	-9	(6.1)	-2	(6.8)	**-17**	(6.9)
	Montenegro	**35**	(5.1)	**37**	(6.1)	**33**	(5.7)	**14**	(2.9)	**16**	(3.2)	**16**	(3.2)
	Qatar	5	(3.1)	**15**	(4.1)	1	(3.8)	**29**	(2.7)	**30**	(3.4)	**41**	(3.0)
	Romania	**47**	(7.0)	**46**	(9.1)	**42**	(8.9)	10	(5.4)	5	(5.4)	**13**	(5.5)
	Russian Federation	**32**	(8.5)	**29**	(10.6)	22	(10.6)	**35**	(4.8)	**30**	(4.9)	**30**	(5.0)
	Serbia	**44**	(4.8)	**52**	(5.8)	**56**	(4.9)	**10**	(3.0)	**12**	(3.5)	**7**	(3.3)
	Slovenia	**42**	(5.9)	**38**	(6.6)	**38**	(5.5)	**50**	(3.8)	**47**	(3.3)	**46**	(3.7)
	Chinese Taipei	**35**	(4.3)	**32**	(3.5)	**42**	(5.4)	**54**	(4.2)	**46**	(3.7)	**50**	(4.8)
	Thailand	**31**	(3.4)	**30**	(3.7)	**38**	(4.1)	**48**	(5.3)	**43**	(5.9)	**38**	(5.4)
	Tunisia	**21**	(4.5)	**17**	(5.3)	**27**	(5.4)	**18**	(5.1)	**21**	(6.3)	**35**	(6.1)
	Uruguay	**38**	(5.1)	**39**	(7.7)	**40**	(7.5)	9	(5.3)	7	(6.8)	5	(6.8)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
StatLink http://dx.doi.org/10.1787/142104560611

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[Part 1/2]

Table 4.8a Percentage of students and performance on the science, reading and mathematics scales, by occupational status of parents[1]

Tableau 4.8a Pourcentage d'élèves et scores sur les échelles de culture scientifique, de compréhension de l'écrit et de culture mathématique, selon le type de profession exercée par les parents

		Blue-collar low-skill parents								White-collar high-skill parents							
				Performance								Performance					
				Science		Reading		Mathematics				Science		Reading		Mathematics	
		% of students	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	% of students	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD	Australia	6.2	(0.3)	473	(3.8)	464	(3.6)	472	(3.5)	66.3	(0.7)	547	(2.2)	532	(2.0)	537	(2.2)
	Austria	7.3	(0.5)	444	(7.8)	423	(8.9)	440	(8.0)	51.0	(1.1)	541	(3.5)	523	(3.8)	534	(3.7)
	Belgium	9.0	(0.4)	453	(4.6)	441	(5.9)	461	(4.9)	55.2	(1.0)	545	(2.4)	536	(2.7)	556	(2.8)
	Canada	5.6	(0.3)	492	(4.3)	488	(5.2)	493	(4.6)	66.6	(0.7)	552	(2.0)	545	(2.3)	542	(2.1)
	Czech Republic	6.9	(0.5)	460	(6.2)	431	(7.5)	450	(6.7)	57.9	(1.1)	544	(4.1)	516	(4.2)	542	(4.1)
	Denmark	6.6	(0.5)	448	(5.6)	453	(5.5)	471	(5.9)	59.4	(1.4)	520	(3.3)	515	(3.5)	533	(2.9)
	Finland	5.2	(0.4)	526	(6.0)	510	(5.6)	511	(5.7)	56.5	(1.0)	579	(2.4)	562	(2.5)	564	(2.7)
	France	6.9	(0.5)	433	(6.7)	430	(6.7)	439	(6.1)	51.8	(1.5)	538	(3.3)	528	(3.8)	534	(3.5)
	Germany	8.1	(0.5)	454	(6.2)	430	(7.7)	443	(6.0)	51.9	(1.2)	553	(3.0)	534	(3.6)	542	(3.3)
	Greece	10.6	(0.6)	434	(5.3)	418	(7.3)	419	(4.9)	54.0	(1.3)	499	(3.2)	487	(3.7)	485	(3.3)
	Hungary	7.0	(0.5)	458	(6.0)	436	(6.9)	445	(5.8)	44.5	(1.2)	536	(3.5)	517	(3.8)	526	(3.8)
	Iceland	2.8	(0.2)	c	c	c	c	c	c	69.9	(0.7)	505	(2.0)	497	(2.3)	519	(2.0)
	Ireland	6.4	(0.4)	470	(8.2)	482	(7.9)	467	(6.8)	56.1	(1.3)	531	(3.1)	540	(3.3)	522	(2.9)
	Italy	13.1	(0.5)	446	(3.4)	439	(3.6)	434	(3.7)	48.0	(0.7)	497	(2.7)	490	(2.9)	482	(2.9)
	Japan	3.4	(0.3)	496	(8.2)	462	(8.8)	489	(7.6)	41.4	(0.9)	553	(3.7)	522	(3.9)	545	(3.8)
	Korea	5.0	(0.3)	508	(7.5)	544	(7.1)	530	(8.0)	67.7	(1.0)	530	(3.7)	563	(4.0)	556	(4.2)
	Luxembourg	10.4	(0.4)	428	(3.7)	423	(4.4)	437	(3.8)	46.9	(0.7)	527	(1.8)	523	(2.0)	528	(1.9)
	Mexico	21.0	(0.7)	393	(2.8)	394	(2.9)	389	(3.5)	32.9	(1.1)	445	(3.4)	449	(3.6)	441	(3.5)
	Netherlands	6.4	(0.4)	456	(7.5)	443	(9.0)	472	(8.0)	66.6	(1.1)	549	(2.2)	530	(2.4)	552	(2.3)
	New Zealand	5.4	(0.5)	462	(7.0)	454	(8.4)	468	(6.1)	64.6	(0.9)	558	(2.8)	547	(2.9)	544	(2.6)
	Norway	3.1	(0.3)	439	(9.8)	427	(11.3)	441	(9.3)	73.8	(1.0)	503	(2.6)	502	(2.7)	504	(2.5)
	Poland	5.3	(0.3)	468	(6.3)	478	(6.6)	466	(6.0)	44.3	(1.1)	528	(2.7)	540	(3.4)	524	(2.8)
	Portugal	12.6	(0.6)	438	(5.3)	428	(7.2)	429	(5.8)	26.9	(1.2)	526	(3.3)	529	(3.9)	519	(3.4)
	Slovak Republic	9.6	(0.6)	439	(5.9)	421	(8.2)	441	(7.6)	47.3	(1.2)	526	(3.3)	504	(3.9)	528	(3.4)
	Spain	10.4	(0.5)	463	(3.3)	440	(4.0)	454	(3.6)	40.0	(1.2)	522	(2.8)	490	(2.5)	511	(2.8)
	Sweden	5.1	(0.4)	461	(6.7)	461	(8.5)	464	(7.8)	65.7	(0.8)	524	(2.5)	528	(3.5)	522	(2.4)
	Switzerland	5.7	(0.3)	453	(6.5)	452	(5.8)	477	(6.5)	58.2	(1.0)	540	(3.2)	526	(3.0)	555	(3.2)
	Turkey	12.8	(0.6)	402	(4.1)	428	(4.9)	399	(4.1)	36.1	(1.4)	449	(6.8)	474	(6.2)	454	(8.6)
	United Kingdom	5.3	(0.4)	450	(5.1)	442	(5.3)	440	(4.2)	62.0	(0.8)	542	(2.6)	521	(2.5)	518	(2.5)
	United States	6.5	(0.5)	429	(6.9)	m	m	427	(6.7)	64.8	(1.4)	516	(4.0)	m	m	497	(3.8)
	OECD total	8.3	(0.2)	433	(2.0)	431	(1.5)	430	(2.1)	53.6	(0.4)	523	(1.3)	518	(0.9)	513	(1.2)
	OECD average	7.7	(0.1)	454	(1.1)	448	(1.3)	454	(1.1)	54.3	(0.2)	527	(0.6)	520	(0.6)	524	(0.6)
Partners	Argentina	11.7	(0.9)	361	(8.8)	345	(10.2)	355	(9.1)	41.6	(2.2)	431	(7.1)	418	(8.8)	420	(6.8)
	Azerbaijan	14.1	(1.1)	375	(4.6)	339	(4.1)	475	(3.6)	56.9	(1.4)	392	(2.8)	368	(3.7)	478	(2.3)
	Brazil	32.7	(1.1)	362	(3.4)	362	(6.3)	339	(4.4)	43.1	(1.1)	425	(4.0)	428	(4.7)	404	(4.4)
	Bulgaria	12.6	(0.8)	385	(6.9)	348	(9.5)	368	(6.6)	47.8	(1.9)	482	(6.5)	454	(6.6)	457	(6.9)
	Chile	24.6	(1.3)	402	(4.5)	405	(5.9)	375	(5.5)	30.2	(1.7)	493	(4.5)	499	(6.2)	466	(4.7)
	Colombia	20.1	(1.2)	369	(4.9)	365	(7.0)	350	(4.2)	39.7	(1.6)	411	(3.8)	412	(5.0)	395	(4.7)
	Croatia	6.8	(0.4)	453	(6.3)	442	(6.5)	428	(6.6)	41.7	(0.9)	525	(2.9)	508	(2.9)	497	(3.0)
	Estonia	8.7	(0.6)	494	(5.9)	456	(6.1)	476	(6.0)	55.5	(1.1)	554	(2.8)	523	(2.8)	538	(2.8)
	Hong Kong-China	15.7	(0.7)	518	(4.5)	516	(4.3)	524	(4.9)	35.3	(1.4)	563	(3.9)	554	(3.5)	569	(4.3)
	Indonesia	25.6	(1.6)	385	(4.5)	383	(4.6)	381	(4.7)	26.2	(1.4)	415	(8.6)	418	(8.3)	418	(8.5)
	Israel	6.5	(0.5)	409	(7.7)	394	(8.2)	396	(9.0)	72.7	(1.0)	481	(3.8)	468	(4.5)	470	(3.9)
	Jordan	14.4	(0.6)	398	(4.4)	380	(4.8)	363	(4.4)	65.4	(1.2)	449	(3.5)	429	(4.0)	411	(3.9)
	Kyrgyzstan	10.9	(0.6)	295	(5.3)	255	(5.3)	287	(4.8)	45.6	(1.1)	343	(3.6)	313	(4.4)	335	(4.3)
	Latvia	7.1	(0.6)	464	(8.1)	450	(7.7)	460	(6.1)	52.8	(1.3)	513	(3.2)	504	(3.8)	509	(3.4)
	Liechtenstein	8.1	(1.3)	436	(20.1)	429	(19.2)	450	(19.3)	65.0	(2.5)	543	(5.6)	529	(5.1)	543	(6.0)
	Lithuania	11.2	(0.5)	449	(5.7)	429	(5.5)	446	(6.1)	51.5	(1.3)	516	(3.5)	499	(3.8)	517	(3.5)
	Macao-China	18.9	(0.6)	503	(2.5)	486	(2.9)	518	(2.7)	33.3	(0.8)	519	(2.0)	499	(2.2)	535	(2.2)
	Montenegro	11.6	(0.5)	386	(3.5)	366	(4.0)	372	(3.8)	49.2	(0.8)	436	(1.9)	419	(2.1)	425	(2.3)
	Qatar	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Romania	24.6	(0.9)	388	(6.1)	365	(6.5)	384	(5.7)	29.7	(1.6)	461	(6.2)	438	(6.2)	460	(6.3)
	Russian Federation	9.9	(0.7)	447	(6.0)	405	(6.9)	444	(6.5)	54.6	(1.4)	498	(3.9)	458	(4.8)	494	(4.2)
	Serbia	8.7	(0.6)	394	(5.2)	353	(5.7)	391	(5.1)	48.0	(1.3)	465	(2.8)	433	(3.1)	466	(3.3)
	Slovenia	7.6	(0.4)	478	(4.6)	460	(4.7)	469	(5.0)	50.3	(0.6)	552	(1.9)	523	(1.7)	535	(1.9)
	Chinese Taipei	10.2	(0.5)	506	(5.4)	471	(4.8)	522	(5.9)	55.1	(1.0)	554	(3.1)	517	(2.9)	572	(3.5)
	Thailand	15.7	(0.9)	403	(3.5)	401	(3.4)	399	(4.3)	29.2	(1.0)	460	(3.9)	456	(3.9)	456	(4.2)
	Tunisia	37.3	(1.9)	363	(2.5)	356	(3.5)	334	(3.2)	33.6	(2.3)	419	(5.7)	419	(6.6)	414	(6.5)
	Uruguay	17.0	(0.7)	390	(4.1)	369	(7.3)	389	(4.8)	38.6	(1.1)	466	(3.1)	455	(4.6)	466	(3.4)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 2/2]

Table 4.8a Percentage of students and performance on the science, reading and mathematics scales, by occupational status of parents[1]

Tableau 4.8a Pourcentage d'élèves et scores sur les échelles de culture scientifique, de compréhension de l'écrit et de culture mathématique, selon le type de profession exercée par les parents

		Increased likelihood of students, with blue-collar low-skill parents, scoring in the bottom quarter of the science performance distribution		Difference in science performance between students with white-collar high-skill parents and students with blue-collar low-skill parents					
				PISA 2006		PISA 2003		PISA 2000	
		Ratio	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	**2.0**	(0.10)	**74**	(4.0)	**74**	(6.0)	**68**	(10.7)
	Austria	**2.3**	(0.16)	**97**	(8.0)	**82**	(5.9)	**79**	(9.6)
	Belgium	**2.3**	(0.12)	**92**	(4.9)	**98**	(6.4)	**104**	(11.2)
	Canada	**1.8**	(0.13)	**60**	(4.5)	**65**	(5.1)	**72**	(5.1)
	Czech Republic	**1.9**	(0.20)	**83**	(7.0)	**70**	(8.1)	**79**	(7.5)
	Denmark	**1.9**	(0.16)	**72**	(6.3)	**65**	(9.7)	**85**	(9.0)
	Finland	**1.7**	(0.16)	**53**	(6.4)	**43**	(7.5)	**50**	(11.1)
	France	**2.2**	(0.19)	**105**	(8.1)	**96**	(9.4)	**95**	(7.6)
	Germany	**2.2**	(0.17)	**99**	(6.3)	**112**	(7.9)	**114**	(11.2)
	Greece	**1.9**	(0.14)	**65**	(5.9)	**56**	(8.0)	**59**	(8.4)
	Hungary	**1.9**	(0.19)	**78**	(6.7)	**70**	(8.9)	**105**	(10.2)
	Iceland	c	c	c	c	c	c	**22**	(10.1)
	Ireland	**1.7**	(0.16)	**60**	(7.9)	**75**	(8.0)	**72**	(7.5)
	Italy	**1.5**	(0.08)	**51**	(3.9)	**63**	(5.6)	**41**	(6.8)
	Japan	**1.6**	(0.19)	**57**	(8.7)	**64**	(11.2)	16	(8.6)
	Korea	1.3	(0.16)	**22**	(6.9)	**37**	(6.6)	**35**	(6.7)
	Luxembourg	**2.1**	(0.14)	**100**	(4.2)	**96**	(5.9)	m	m
	Mexico	**1.3**	(0.08)	**52**	(3.8)	**34**	(3.8)	**45**	(6.8)
	Netherlands	**2.4**	(0.20)	**93**	(7.8)	**87**	(8.9)	m	m
	New Zealand	**2.2**	(0.17)	**96**	(7.1)	**72**	(7.8)	**97**	(11.6)
	Norway	**1.9**	(0.18)	**64**	(9.6)	c	c	**73**	(10.1)
	Poland	**1.5**	(0.16)	**60**	(6.7)	**67**	(6.7)	**66**	(11.2)
	Portugal	**1.7**	(0.14)	**87**	(6.3)	**78**	(6.9)	**54**	(7.0)
	Slovak Republic	**2.0**	(0.18)	**87**	(7.1)	**83**	(7.8)	a	a
	Spain	**1.5**	(0.10)	**59**	(4.2)	**57**	(5.8)	**57**	(7.4)
	Sweden	**1.8**	(0.19)	**63**	(7.0)	**74**	(10.7)	**51**	(8.9)
	Switzerland	**2.0**	(0.13)	**88**	(6.7)	**95**	(8.6)	**113**	(9.8)
	Turkey	**1.3**	(0.11)	**48**	(7.7)	**56**	(10.1)	a	a
	United Kingdom	**2.1**	(0.14)	**92**	(5.2)	m	m	m	m
	United States	**2.1**	(0.14)	**88**	(6.5)	**72**	(7.6)	**81**	(9.1)
	OECD total	**2.1**	(0.05)	**89**	(2.1)	**88**	(2.4)	**72**	(3.4)
	OECD average	**1.9**	(0.03)	**74**	(1.2)	**72**	(1.5)	**69**	(1.8)
Partners	Argentina	**1.6**	(0.16)	**70**	(9.0)	a	a	**86**	(11.6)
	Azerbaijan	1.3	(0.18)	**16**	(4.0)	a	a	a	a
	Brazil	**1.7**	(0.11)	**64**	(4.7)	**76**	(7.6)	**51**	(8.3)
	Bulgaria	**2.0**	(0.18)	**98**	(8.5)	a	a	**64**	(11.2)
	Chile	**1.8**	(0.11)	**91**	(5.2)	a	a	**80**	(5.3)
	Colombia	**1.4**	(0.14)	**42**	(4.9)	a	a	a	a
	Croatia	**1.8**	(0.15)	**72**	(6.3)	a	a	a	a
	Estonia	**1.7**	(0.13)	**59**	(5.6)	a	a	a	a
	Hong Kong-China	**1.5**	(0.11)	**44**	(5.9)	**36**	(5.0)	**45**	(7.3)
	Indonesia	1.1	(0.11)	**30**	(7.3)	**42**	(4.8)	**39**	(7.4)
	Israel	**1.8**	(0.18)	**73**	(8.2)	a	a	**62**	(17.6)
	Jordan	**1.7**	(0.19)	**51**	(5.6)	a	a	a	a
	Kyrgyzstan	**1.6**	(0.15)	**47**	(5.9)	a	a	a	a
	Latvia	**1.5**	(0.18)	**48**	(8.1)	**53**	(7.5)	**63**	(9.4)
	Liechtenstein	**2.6**	(0.61)	**106**	(21.4)	**113**	(18.1)	**87**	(27.9)
	Lithuania	**1.8**	(0.13)	**68**	(6.1)	a	a	a	a
	Macao-China	**1.2**	(0.07)	**16**	(3.2)	-5	(9.9)	a	a
	Montenegro	**1.6**	(0.12)	**50**	(4.3)	a	a	a	a
	Qatar	m	m	m	m	a	a	a	a
	Romania	**2.0**	(0.22)	**73**	(9.2)	a	a	**42**	(9.1)
	Russian Federation	**1.6**	(0.12)	**51**	(5.6)	**46**	(7.8)	**51**	(8.6)
	Serbia	**1.9**	(0.17)	**70**	(5.4)	a	a	a	a
	Slovenia	**1.7**	(0.15)	**75**	(5.1)	a	a	a	a
	Chinese Taipei	**1.5**	(0.12)	**48**	(4.9)	a	a	a	a
	Thailand	**1.4**	(0.11)	**57**	(5.1)	**57**	(6.4)	**49**	(7.2)
	Tunisia	**1.6**	(0.12)	**56**	(6.7)	**51**	(7.1)	a	a
	Uruguay	**1.9**	(0.18)	**76**	(4.2)	**75**	(7.4)	a	a

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 1/3]

Table 4.8b International socio-economic index of occupational status (HISEI) and performance on the science scale, by quarters of the index[1]

Tableau 4.8b Indice socioéconomique international de statut professionnel (ISEI+) et score des élèves sur l'échelle de culture scientifique, par quartile de l'indice

		All students		International socio-economic index of occupational status (HISEI)							
				Bottom quarter		Second quarter		Third quarter		Top quarter	
		Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD	Australia	53.0	(0.28)	31.2	(0.14)	47.8	(0.06)	59.9	(0.09)	73.2	(0.13)
	Austria	48.3	(0.42)	28.1	(0.20)	41.3	(0.11)	52.9	(0.07)	70.9	(0.28)
	Belgium	49.8	(0.35)	28.7	(0.14)	43.8	(0.14)	54.7	(0.09)	72.2	(0.21)
	Canada	53.5	(0.28)	32.7	(0.16)	49.0	(0.09)	59.3	(0.12)	73.2	(0.15)
	Czech Republic	48.2	(0.33)	31.2	(0.15)	43.4	(0.12)	51.9	(0.04)	66.5	(0.28)
	Denmark	49.4	(0.47)	28.1	(0.16)	41.3	(0.14)	56.3	(0.15)	72.0	(0.23)
	Finland	48.8	(0.38)	27.5	(0.10)	41.4	(0.15)	54.8	(0.10)	71.6	(0.25)
	France	48.6	(0.54)	27.9	(0.16)	42.5	(0.13)	53.2	(0.05)	71.0	(0.23)
	Germany	49.0	(0.45)	29.0	(0.17)	42.1	(0.13)	53.7	(0.07)	71.4	(0.23)
	Greece	48.3	(0.51)	27.7	(0.17)	41.9	(0.15)	52.6	(0.07)	70.9	(0.27)
	Hungary	47.8	(0.43)	29.5	(0.17)	41.9	(0.08)	51.3	(0.09)	68.5	(0.30)
	Iceland	53.9	(0.26)	31.7	(0.18)	47.5	(0.13)	61.9	(0.19)	74.6	(0.22)
	Ireland	49.0	(0.51)	28.3	(0.16)	42.7	(0.10)	53.5	(0.09)	71.4	(0.26)
	Italy	46.4	(0.30)	27.2	(0.11)	39.8	(0.10)	50.2	(0.04)	68.4	(0.25)
	Japan	50.3	(0.24)	34.2	(0.16)	43.5	(0.05)	50.8	(0.09)	72.6	(0.18)
	Korea	50.0	(0.31)	32.7	(0.22)	47.2	(0.10)	53.3	(0.07)	66.9	(0.37)
	Luxembourg	47.7	(0.21)	26.8	(0.18)	41.4	(0.14)	52.5	(0.04)	70.0	(0.25)
	Mexico	41.9	(0.48)	21.9	(0.07)	31.1	(0.12)	45.9	(0.17)	68.8	(0.24)
	Netherlands	51.5	(0.38)	31.3	(0.19)	46.1	(0.15)	56.7	(0.19)	71.8	(0.18)
	New Zealand	51.6	(0.33)	30.9	(0.17)	46.5	(0.11)	56.6	(0.15)	72.3	(0.21)
	Norway	53.1	(0.40)	34.3	(0.21)	46.5	(0.11)	58.5	(0.19)	73.2	(0.21)
	Poland	44.4	(0.33)	26.8	(0.19)	38.2	(0.12)	48.7	(0.11)	63.8	(0.29)
	Portugal	41.7	(0.48)	25.3	(0.17)	32.6	(0.05)	44.6	(0.16)	64.3	(0.46)
	Slovak Republic	47.2	(0.39)	28.5	(0.26)	40.5	(0.12)	50.6	(0.11)	69.4	(0.20)
	Spain	44.8	(0.45)	26.7	(0.12)	34.8	(0.08)	49.4	(0.10)	68.3	(0.32)
	Sweden	50.7	(0.31)	30.5	(0.16)	44.8	(0.15)	55.8	(0.17)	71.6	(0.21)
	Switzerland	49.2	(0.34)	29.1	(0.12)	43.0	(0.11)	54.3	(0.03)	70.6	(0.29)
	Turkey	39.6	(0.55)	22.3	(0.14)	30.7	(0.07)	45.3	(0.13)	60.1	(0.55)
	United Kingdom	50.7	(0.30)	30.0	(0.12)	45.5	(0.13)	55.3	(0.09)	71.8	(0.17)
	United States	52.5	(0.56)	29.9	(0.13)	47.6	(0.13)	59.5	(0.15)	73.1	(0.28)
	OECD total	48.8	(0.17)	27.8	(0.05)	42.2	(0.04)	53.8	(0.03)	71.6	(0.09)
	OECD average	48.7	(0.07)	29.0	(0.03)	42.2	(0.02)	53.5	(0.02)	70.2	(0.05)
Partners	Argentina	45.7	(0.88)	26.2	(0.21)	37.1	(0.22)	49.7	(0.14)	69.7	(0.39)
	Azerbaijan	49.4	(0.57)	27.2	(0.22)	39.9	(0.27)	56.5	(0.31)	74.0	(0.25)
	Brazil	41.1	(0.46)	19.2	(0.16)	30.6	(0.11)	49.7	(0.12)	64.8	(0.37)
	Bulgaria	47.4	(0.64)	29.1	(0.16)	38.9	(0.14)	50.8	(0.11)	71.0	(0.25)
	Chile	40.6	(0.71)	21.9	(0.21)	32.0	(0.07)	44.4	(0.13)	64.1	(0.53)
	Colombia	42.3	(0.54)	22.3	(0.22)	33.1	(0.14)	47.9	(0.14)	65.9	(0.45)
	Croatia	46.6	(0.28)	29.8	(0.18)	39.6	(0.09)	49.4	(0.10)	67.6	(0.25)
	Estonia	50.3	(0.38)	29.9	(0.14)	41.7	(0.13)	57.8	(0.16)	71.8	(0.18)
	Hong Kong-China	42.8	(0.38)	26.9	(0.18)	36.7	(0.11)	47.5	(0.12)	60.1	(0.32)
	Indonesia	37.6	(0.56)	20.5	(0.24)	28.8	(0.06)	42.1	(0.17)	58.9	(0.49)
	Israel	53.4	(0.37)	31.7	(0.26)	50.0	(0.09)	58.9	(0.20)	72.9	(0.23)
	Jordan	51.0	(0.49)	28.3	(0.17)	44.9	(0.22)	58.5	(0.23)	72.4	(0.25)
	Kyrgyzstan	45.7	(0.44)	27.1	(0.18)	37.8	(0.13)	45.0	(0.12)	72.8	(0.27)
	Latvia	48.5	(0.46)	28.1	(0.17)	40.7	(0.16)	52.7	(0.13)	72.4	(0.24)
	Liechtenstein	51.1	(0.83)	30.6	(0.64)	48.4	(0.51)	55.0	(0.03)	70.8	(0.97)
	Lithuania	49.7	(0.47)	27.8	(0.12)	41.1	(0.14)	56.7	(0.24)	73.3	(0.24)
	Macao-China	41.8	(0.22)	26.0	(0.15)	34.9	(0.10)	46.9	(0.11)	59.4	(0.29)
	Montenegro	49.2	(0.26)	29.9	(0.14)	42.7	(0.10)	52.5	(0.09)	71.9	(0.25)
	Qatar	m	m	m	m	m	m	m	m	m	m
	Romania	43.2	(0.59)	25.2	(0.39)	35.7	(0.14)	45.8	(0.16)	66.1	(0.59)
	Russian Federation	50.7	(0.48)	29.5	(0.15)	42.1	(0.09)	58.5	(0.22)	72.7	(0.17)
	Serbia	48.4	(0.42)	29.1	(0.20)	42.5	(0.06)	51.0	(0.08)	71.1	(0.29)
	Slovenia	49.9	(0.22)	30.3	(0.13)	43.1	(0.07)	54.2	(0.15)	71.9	(0.21)
	Chinese Taipei	48.5	(0.37)	28.0	(0.10)	42.6	(0.15)	53.3	(0.06)	70.1	(0.16)
	Thailand	36.6	(0.39)	21.9	(0.11)	26.3	(0.12)	38.7	(0.19)	59.4	(0.39)
	Tunisia	38.4	(1.00)	19.4	(0.11)	26.1	(0.17)	42.3	(0.25)	65.6	(0.48)
	Uruguay	44.1	(0.41)	23.8	(0.20)	34.7	(0.15)	48.9	(0.15)	69.1	(0.34)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 2/3]

Table 4.8b International socio-economic index of occupational status (HISEI) and performance on the science scale, by quarters of the index[1]

Tableau 4.8b Indice socioéconomique international de statut professionnel (ISEI+) et score des élèves sur l'échelle de culture scientifique, par quartile de l'indice

		Performance on the science scale, by quarters of this index							
		Bottom quarter		Second quarter		Third quarter		Top quarter	
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD	Australia	**490**	(2.4)	522	(2.5)	538	(2.5)	**569**	(3.0)
	Austria	**466**	(6.7)	496	(4.2)	532	(4.3)	**554**	(3.8)
	Belgium	**464**	(3.5)	501	(3.1)	532	(2.8)	**564**	(3.0)
	Canada	**502**	(2.8)	533	(2.6)	545	(2.4)	**569**	(2.7)
	Czech Republic	**469**	(4.6)	501	(4.5)	530	(4.0)	**564**	(4.5)
	Denmark	**463**	(3.5)	487	(4.1)	509	(3.5)	**537**	(4.5)
	Finland	**545**	(3.0)	548	(2.7)	569	(3.4)	**596**	(3.1)
	France	**448**	(4.8)	482	(4.5)	515	(3.8)	**559**	(4.1)
	Germany	**474**	(4.7)	502	(4.2)	542	(3.7)	**569**	(3.5)
	Greece	**436**	(4.7)	461	(4.2)	486	(3.5)	**518**	(3.6)
	Hungary	**469**	(3.7)	490	(3.4)	517	(3.7)	**552**	(4.1)
	Iceland	**468**	(3.5)	481	(2.9)	499	(3.6)	**525**	(3.9)
	Ireland	**476**	(4.5)	505	(3.6)	519	(3.5)	**548**	(3.5)
	Italy	**442**	(3.1)	468	(2.8)	486	(2.6)	**512**	(3.2)
	Japan	**506**	(4.7)	532	(4.3)	543	(4.1)	**559**	(4.2)
	Korea	**506**	(3.8)	514	(4.0)	527	(4.2)	**545**	(5.4)
	Luxembourg	**429**	(2.6)	471	(3.0)	512	(2.6)	**540**	(2.7)
	Mexico	**377**	(3.8)	398	(2.7)	425	(2.8)	**448**	(4.1)
	Netherlands	**478**	(3.9)	523	(3.4)	540	(3.5)	**573**	(2.8)
	New Zealand	**487**	(4.1)	526	(3.8)	552	(3.2)	**578**	(3.8)
	Norway	**457**	(4.8)	480	(3.7)	499	(3.2)	**529**	(4.1)
	Poland	**469**	(3.1)	485	(3.1)	504	(2.8)	**539**	(3.8)
	Portugal	**440**	(4.0)	454	(3.6)	487	(3.3)	**521**	(3.5)
	Slovak Republic	**446**	(3.9)	482	(3.3)	503	(3.9)	**538**	(4.1)
	Spain	**455**	(2.9)	475	(2.8)	502	(2.7)	**530**	(3.5)
	Sweden	**467**	(3.3)	497	(3.5)	515	(3.6)	**547**	(3.6)
	Switzerland	**463**	(3.5)	504	(3.1)	525	(4.1)	**559**	(3.9)
	Turkey	**404**	(3.4)	409	(4.0)	428	(4.3)	**461**	(8.2)
	United Kingdom	**472**	(2.8)	508	(3.1)	531	(3.5)	**568**	(3.4)
	United States	**445**	(5.6)	485	(4.4)	508	(4.0)	**541**	(4.7)
	OECD total	**443**	(1.5)	486	(1.5)	509	(1.3)	**541**	(1.5)
	OECD average	**464**	(0.7)	491	(0.6)	514	(0.6)	**544**	(0.7)
Partners	Argentina	**355**	(5.3)	381	(6.7)	410	(7.0)	**442**	(8.3)
	Azerbaijan	**377**	(4.6)	378	(2.9)	385	(3.2)	**403**	(3.5)
	Brazil	**358**	(3.9)	371	(3.0)	409	(3.2)	**433**	(5.3)
	Bulgaria	**381**	(5.8)	425	(5.5)	456	(5.6)	**500**	(7.7)
	Chile	**398**	(4.5)	418	(4.6)	444	(4.3)	**496**	(4.9)
	Colombia	**366**	(4.0)	376	(4.8)	398	(3.8)	**420**	(4.6)
	Croatia	**459**	(3.5)	484	(3.3)	504	(3.3)	**535**	(3.3)
	Estonia	**499**	(4.1)	518	(2.9)	546	(3.0)	**568**	(4.0)
	Hong Kong-China	**526**	(3.8)	537	(4.0)	554	(3.5)	**564**	(4.2)
	Indonesia	**381**	(3.6)	368	(3.9)	417	(9.5)	**416**	(8.4)
	Israel	**422**	(5.1)	457	(5.2)	482	(5.0)	**503**	(5.5)
	Jordan	**400**	(3.5)	432	(3.3)	437	(4.4)	**466**	(5.0)
	Kyrgyzstan	**299**	(4.8)	318	(3.7)	329	(3.0)	**357**	(4.5)
	Latvia	**464**	(4.0)	475	(4.5)	503	(3.3)	**527**	(4.1)
	Liechtenstein	**472**	(10.0)	525	(9.1)	542	(9.4)	**554**	(12.0)
	Lithuania	**454**	(3.3)	475	(3.5)	510	(3.5)	**525**	(4.2)
	Macao-China	**503**	(2.5)	510	(3.1)	517	(2.5)	**518**	(2.7)
	Montenegro	**387**	(2.5)	407	(2.5)	425	(2.8)	**447**	(2.7)
	Qatar	m	m	m	m	m	m	m	m
	Romania	**388**	(6.1)	406	(5.2)	425	(6.0)	**469**	(6.6)
	Russian Federation	**451**	(4.2)	469	(4.3)	497	(4.3)	**507**	(3.8)
	Serbia	**401**	(4.3)	422	(3.4)	451	(3.3)	**476**	(3.3)
	Slovenia	**476**	(2.6)	499	(2.9)	535	(2.8)	**572**	(3.1)
	Chinese Taipei	**505**	(5.0)	528	(3.6)	549	(3.6)	**567**	(3.6)
	Thailand	**401**	(3.3)	405	(3.4)	428	(3.7)	**462**	(4.0)
	Tunisia	**361**	(3.1)	371	(3.2)	388	(4.2)	**427**	(6.3)
	Uruguay	**392**	(4.0)	411	(3.8)	440	(3.9)	**478**	(4.0)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 3/3]

Table 4.8b International socio-economic index of occupational status (HISEI) and performance on the science scale, by quarters of the index[1]

Tableau 4.8b Indice socioéconomique international de statut professionnel (ISEI+) et score des élèves sur l'échelle de culture scientifique, par quartile de l'indice

		Change in the science score per 17.1 units of this index[2]		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the science performance distribution		Explained variance in student performance (r-squared x 100)	
		Effect	S.E.	Ratio	S.E.	Percentage	S.E.
OECD	Australia	**30.6**	(1.15)	**1.9**	(0.08)	8.9	(0.63)
	Austria	**34.3**	(2.50)	**2.3**	(0.16)	11.7	(1.42)
	Belgium	**38.3**	(1.66)	**2.4**	(0.12)	14.8	(1.24)
	Canada	**26.8**	(1.26)	**1.8**	(0.08)	7.1	(0.63)
	Czech Republic	**45.2**	(2.28)	**2.1**	(0.13)	14.3	(1.13)
	Denmark	**27.8**	(1.91)	**1.9**	(0.14)	9.3	(1.22)
	Finland	**20.3**	(1.38)	**1.5**	(0.09)	5.7	(0.78)
	France	**42.3**	(2.32)	**2.3**	(0.17)	17.1	(1.63)
	Germany	**37.6**	(1.91)	**2.2**	(0.13)	13.6	(1.17)
	Greece	**32.5**	(2.18)	**2.0**	(0.13)	12.2	(1.41)
	Hungary	**36.1**	(2.11)	**2.0**	(0.16)	13.4	(1.41)
	Iceland	**22.6**	(1.55)	**1.5**	(0.10)	5.5	(0.73)
	Ireland	**27.8**	(1.81)	**1.8**	(0.11)	8.3	(1.02)
	Italy	**28.0**	(1.58)	**1.8**	(0.09)	8.0	(0.84)
	Japan	**18.9**	(2.09)	**1.7**	(0.11)	2.7	(0.58)
	Korea	**19.1**	(2.66)	**1.3**	(0.08)	2.8	(0.74)
	Luxembourg	**42.4**	(1.47)	**2.8**	(0.17)	18.3	(1.14)
	Mexico	**25.7**	(1.64)	**1.9**	(0.14)	12.2	(1.40)
	Netherlands	**38.4**	(1.93)	**2.4**	(0.16)	14.2	(1.28)
	New Zealand	**37.8**	(1.78)	**2.1**	(0.13)	11.4	(1.01)
	Norway	**29.2**	(1.94)	**1.8**	(0.15)	8.0	(1.01)
	Poland	**33.8**	(1.73)	**1.7**	(0.09)	10.7	(0.96)
	Portugal	**35.6**	(1.91)	**2.0**	(0.13)	14.5	(1.43)
	Slovak Republic	**37.1**	(2.30)	**2.3**	(0.15)	14.2	(1.50)
	Spain	**28.7**	(1.52)	**1.9**	(0.15)	10.1	(1.07)
	Sweden	**31.3**	(1.57)	**1.9**	(0.12)	10.0	(0.90)
	Switzerland	**36.3**	(1.69)	**2.3**	(0.10)	12.1	(1.03)
	Turkey	**29.0**	(3.67)	**1.4**	(0.10)	9.9	(2.21)
	United Kingdom	**38.8**	(1.67)	**2.1**	(0.11)	11.9	(1.09)
	United States	**36.1**	(2.20)	**2.2**	(0.15)	11.5	(1.26)
	OECD total	**36.9**	(0.75)	**2.3**	(0.05)	12.4	(0.48)
	OECD average	**32.3**	(0.36)	**2.0**	(0.02)	10.8	(0.22)
Partners	Argentina	**33.4**	(3.45)	**1.9**	(0.19)	11.4	(2.46)
	Azerbaijan	**9.9**	(1.60)	**1.4**	(0.12)	3.7	(1.26)
	Brazil	**30.4**	(2.11)	**1.7**	(0.12)	13.3	(1.63)
	Bulgaria	**45.8**	(3.59)	**2.5**	(0.23)	17.4	(2.23)
	Chile	**39.4**	(2.05)	**2.0**	(0.19)	17.8	(1.80)
	Colombia	**22.7**	(1.97)	**1.5**	(0.13)	7.3	(1.29)
	Croatia	**32.4**	(1.96)	**2.1**	(0.15)	11.3	(1.19)
	Estonia	**26.9**	(1.59)	**1.9**	(0.12)	9.9	(1.04)
	Hong Kong-China	**21.7**	(2.56)	**1.4**	(0.10)	3.7	(0.86)
	Indonesia	**19.4**	(3.14)	1.2	(0.12)	6.4	(1.63)
	Israel	**33.1**	(2.32)	**1.8**	(0.14)	8.1	(1.02)
	Jordan	**25.3**	(1.92)	**1.9**	(0.17)	8.7	(1.19)
	Kyrgyzstan	**19.7**	(2.16)	**1.6**	(0.14)	6.0	(1.16)
	Latvia	**24.1**	(2.24)	**1.8**	(0.12)	8.2	(1.33)
	Liechtenstein	**37.4**	(6.30)	**2.3**	(0.40)	12.3	(3.98)
	Lithuania	**27.3**	(1.90)	**2.0**	(0.12)	10.3	(1.25)
	Macao-China	**8.7**	(1.59)	**1.2**	(0.09)	0.8	(0.29)
	Montenegro	**24.1**	(1.44)	**1.8**	(0.13)	8.3	(0.98)
	Qatar	m	m	m	m	m	m
	Romania	**34.1**	(3.38)	**2.0**	(0.22)	15.9	(3.03)
	Russian Federation	**22.2**	(1.70)	**1.7**	(0.12)	6.3	(0.93)
	Serbia	**30.2**	(1.71)	**2.0**	(0.15)	11.6	(1.11)
	Slovenia	**39.4**	(1.55)	**2.1**	(0.11)	14.1	(1.11)
	Chinese Taipei	**25.3**	(1.75)	**1.8**	(0.11)	6.6	(0.83)
	Thailand	**28.5**	(1.98)	**1.5**	(0.17)	11.9	(1.58)
	Tunisia	**23.8**	(2.59)	**1.5**	(0.13)	10.1	(2.12)
	Uruguay	**32.8**	(1.39)	**1.9**	(0.16)	13.5	(1.06)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
2. 17.1 refers to one standard deviaiton on the index.
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[Part 1/2]

Table 4.9a Percentage of students and performance on the science, reading and mathematics scales, by level of cultural possessions at home[1]

Tableau 4.9a Pourcentage d'élèves et scores sur les échelles de culture scientifique, de compréhension de l'écrit et de culture mathématique, selon le patrimoine culturel familial

		Students with a low level of cultural possessions at home (bottom quarter of the index of cultural possessions at home)						Students with a high level of cultural possessions at home (top quarter of the index of cultural possessions at home)					
		Performance						Performance					
		Science		Reading		Mathematics		Science		Reading		Mathematics	
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD	Australia	504	(2.7)	490	(2.9)	504	(2.5)	564	(2.8)	547	(2.5)	548	(2.9)
	Austria	486	(4.7)	458	(4.8)	484	(4.8)	552	(4.0)	537	(4.7)	544	(4.2)
	Belgium	474	(3.3)	461	(4.5)	487	(3.7)	555	(2.6)	549	(2.7)	563	(2.8)
	Canada	515	(2.7)	500	(3.1)	512	(2.6)	561	(2.6)	558	(3.0)	549	(2.4)
	Czech Republic	480	(5.3)	446	(5.9)	480	(5.3)	550	(4.2)	523	(4.5)	545	(4.7)
	Denmark	462	(4.1)	460	(4.3)	484	(3.6)	538	(4.0)	533	(3.9)	548	(3.6)
	Finland	535	(2.9)	514	(3.1)	523	(3.0)	586	(3.1)	570	(3.0)	569	(3.3)
	France	444	(4.1)	433	(5.1)	451	(3.8)	546	(4.3)	537	(4.3)	541	(4.5)
	Germany	493	(4.2)	466	(5.2)	481	(3.9)	563	(3.4)	547	(3.7)	551	(3.8)
	Greece	448	(4.8)	432	(5.5)	439	(4.3)	498	(4.4)	484	(5.3)	481	(4.6)
	Hungary	455	(3.5)	426	(4.5)	446	(3.9)	534	(3.2)	515	(3.5)	520	(4.1)
	Iceland	462	(2.9)	453	(3.1)	479	(2.6)	509	(3.0)	502	(3.4)	521	(3.1)
	Ireland	483	(4.4)	493	(4.6)	484	(3.8)	552	(3.8)	557	(3.8)	534	(3.5)
	Italy	443	(2.7)	431	(3.9)	434	(2.6)	497	(2.6)	492	(3.0)	481	(2.9)
	Japan	505	(4.4)	468	(5.1)	502	(4.1)	561	(3.8)	529	(4.4)	548	(3.9)
	Korea	482	(4.8)	515	(6.1)	506	(4.8)	550	(4.4)	584	(4.1)	579	(5.5)
	Luxembourg	450	(2.6)	439	(3.0)	458	(2.6)	533	(2.9)	529	(2.9)	532	(2.8)
	Mexico	394	(2.5)	392	(3.6)	389	(3.4)	437	(3.9)	438	(4.2)	433	(3.9)
	Netherlands	496	(4.9)	478	(5.1)	504	(4.7)	561	(3.4)	540	(3.7)	563	(3.0)
	New Zealand	508	(3.3)	498	(3.4)	506	(3.0)	579	(3.3)	567	(3.5)	561	(3.0)
	Norway	454	(3.1)	443	(3.6)	460	(3.1)	518	(3.5)	520	(3.8)	519	(3.3)
	Poland	467	(3.2)	465	(3.5)	468	(3.1)	522	(3.1)	542	(3.6)	518	(3.2)
	Portugal	440	(4.1)	428	(5.2)	432	(4.5)	511	(3.5)	516	(4.0)	503	(3.6)
	Slovak Republic	459	(4.3)	426	(5.0)	463	(5.1)	506	(3.4)	487	(4.0)	507	(3.6)
	Spain	453	(2.5)	430	(2.5)	451	(2.6)	520	(2.9)	489	(3.1)	506	(2.9)
	Sweden	475	(3.5)	475	(4.3)	476	(3.5)	530	(5.0)	536	(6.1)	526	(4.5)
	Switzerland	489	(3.3)	476	(3.2)	513	(3.4)	546	(4.1)	531	(4.1)	558	(4.3)
	Turkey	396	(3.6)	411	(5.0)	400	(4.0)	453	(6.2)	478	(5.7)	449	(8.0)
	United Kingdom	484	(3.2)	465	(3.0)	473	(3.0)	559	(3.6)	538	(3.6)	530	(3.1)
	United States	452	(4.0)	m	m	447	(3.9)	524	(5.1)	m	m	502	(4.7)
	OECD total	457	(1.2)	449	(1.5)	456	(1.3)	530	(1.5)	528	(1.1)	518	(1.3)
	OECD average	470	(0.7)	458	(0.8)	471	(0.7)	534	(0.7)	527	(0.7)	528	(0.7)
Partners	Argentina	367	(6.4)	349	(7.5)	364	(6.0)	426	(5.9)	410	(7.4)	410	(7.0)
	Azerbaijan	379	(4.4)	343	(4.8)	475	(3.6)	390	(3.3)	362	(4.2)	481	(2.8)
	Brazil	382	(3.7)	376	(6.3)	363	(4.3)	406	(4.4)	413	(4.8)	386	(4.8)
	Bulgaria	379	(5.5)	337	(6.9)	364	(6.3)	473	(6.3)	449	(6.4)	447	(6.4)
	Chile	413	(4.2)	419	(5.2)	389	(4.8)	477	(5.3)	481	(6.7)	446	(5.1)
	Colombia	375	(4.6)	365	(6.9)	355	(5.4)	410	(4.0)	411	(5.9)	396	(4.9)
	Croatia	465	(3.5)	443	(4.3)	444	(3.3)	532	(3.5)	519	(3.4)	498	(3.5)
	Estonia	506	(3.4)	474	(4.5)	491	(3.6)	547	(3.5)	517	(3.4)	529	(3.6)
	Hong Kong-China	518	(3.7)	512	(3.9)	528	(4.5)	565	(4.7)	559	(3.8)	568	(4.6)
	Indonesia	390	(6.4)	390	(6.2)	387	(6.4)	394	(5.4)	395	(6.6)	391	(5.5)
	Israel	414	(5.0)	401	(6.3)	412	(6.1)	487	(5.1)	470	(5.9)	470	(5.2)
	Jordan	415	(3.4)	389	(3.8)	380	(3.7)	438	(4.4)	421	(4.6)	398	(4.8)
	Kyrgyzstan	304	(3.9)	264	(4.3)	295	(4.0)	349	(3.4)	315	(4.2)	337	(4.1)
	Latvia	460	(3.9)	441	(4.4)	462	(4.1)	507	(3.8)	502	(4.3)	502	(4.1)
	Liechtenstein	492	(8.6)	480	(8.6)	500	(9.1)	576	(9.4)	560	(9.3)	573	(9.3)
	Lithuania	450	(3.5)	422	(3.8)	452	(3.6)	520	(3.9)	509	(4.5)	517	(3.9)
	Macao-China	496	(2.8)	476	(2.7)	509	(3.0)	527	(2.3)	510	(2.6)	543	(2.6)
	Montenegro	380	(2.2)	354	(2.5)	367	(2.6)	437	(2.7)	424	(2.7)	426	(2.9)
	Qatar	344	(1.9)	308	(2.4)	312	(2.3)	365	(2.5)	331	(2.8)	339	(2.9)
	Romania	382	(7.0)	356	(7.1)	377	(6.3)	442	(5.5)	421	(6.5)	441	(5.3)
	Russian Federation	461	(4.6)	416	(5.4)	456	(4.8)	489	(3.6)	454	(4.2)	489	(4.2)
	Serbia	399	(3.9)	354	(3.9)	399	(4.0)	464	(3.0)	435	(3.7)	464	(3.8)
	Slovenia	474	(3.6)	452	(3.0)	467	(3.1)	553	(2.8)	528	(2.4)	535	(2.7)
	Chinese Taipei	490	(4.3)	456	(3.9)	507	(5.2)	565	(3.4)	528	(3.2)	583	(3.6)
	Thailand	413	(3.0)	406	(3.7)	411	(3.4)	428	(2.9)	427	(3.5)	422	(3.1)
	Tunisia	367	(3.1)	357	(3.9)	344	(3.6)	408	(5.3)	407	(6.0)	391	(6.5)
	Uruguay	398	(3.5)	379	(4.6)	401	(3.3)	468	(4.0)	457	(4.6)	466	(4.0)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 2/2]

Table 4.9a Percentage of students and performance on the science, reading and mathematics scales, by level of cultural possessions at home[1]

Tableau 4.9a Pourcentage d'élèves et scores sur les échelles de culture scientifique, de compréhension de l'écrit et de culture mathématique, selon le patrimoine culturel familial

		Increased likelihood of students, who are in the bottom quarter of the index of cultural possessions at home, scoring in the bottom quarter of the science performance distribution		Difference in science performance between students with a high level of cultural possessions at home and students with a low level of cultural possessions at home					
				PISA 2006		PISA 2003		PISA 2000	
		Ratio	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	**1.5**	(0.05)	**60**	(3.2)	**66**	(4.0)	**73**	(5.9)
	Austria	**1.5**	(0.10)	**66**	(4.6)	**80**	(5.0)	**48**	(6.8)
	Belgium	**1.9**	(0.09)	**80**	(3.8)	**83**	(5.1)	**84**	(6.2)
	Canada	**1.4**	(0.08)	**46**	(3.2)	**56**	(3.5)	**45**	(3.0)
	Czech Republic	**1.7**	(0.12)	**70**	(5.6)	**61**	(5.8)	**61**	(6.3)
	Denmark	**1.8**	(0.12)	**76**	(4.5)	**93**	(4.5)	**70**	(5.6)
	Finland	**1.8**	(0.10)	**51**	(4.0)	**63**	(3.7)	**41**	(5.0)
	France	**2.3**	(0.14)	**102**	(5.9)	**110**	(6.9)	**76**	(6.3)
	Germany	**1.5**	(0.09)	**69**	(4.7)	**81**	(4.7)	**79**	(7.1)
	Greece	**1.7**	(0.13)	**50**	(5.9)	**69**	(6.4)	**57**	(7.4)
	Hungary	**2.5**	(0.17)	**80**	(4.7)	**87**	(5.6)	**82**	(7.3)
	Iceland	**1.7**	(0.10)	**47**	(4.1)	**40**	(5.6)	**31**	(7.3)
	Ireland	**1.6**	(0.12)	**69**	(4.8)	**65**	(4.2)	**49**	(7.3)
	Italy	**1.8**	(0.09)	**54**	(3.7)	**69**	(5.5)	**39**	(6.3)
	Japan	**1.6**	(0.12)	**55**	(4.9)	**64**	(6.8)	**52**	(6.4)
	Korea	**2.1**	(0.12)	**68**	(6.1)	**70**	(6.9)	**41**	(5.0)
	Luxembourg	**1.9**	(0.12)	**82**	(4.0)	**78**	(4.7)	m	m
	Mexico	**1.4**	(0.08)	**43**	(4.1)	**60**	(5.9)	**55**	(6.4)
	Netherlands	**1.7**	(0.11)	**65**	(6.0)	**60**	(5.7)	m	m
	New Zealand	**1.5**	(0.10)	**71**	(4.1)	**67**	(4.7)	**58**	(7.2)
	Norway	**1.9**	(0.11)	**64**	(3.9)	**73**	(5.6)	**65**	(6.4)
	Poland	**1.8**	(0.11)	**55**	(3.6)	**69**	(5.5)	**56**	(8.5)
	Portugal	**2.0**	(0.13)	**71**	(5.0)	**75**	(5.6)	**66**	(5.9)
	Slovak Republic	**1.8**	(0.14)	**47**	(5.4)	**58**	(7.6)	a	a
	Spain	**1.9**	(0.11)	**66**	(3.3)	**68**	(5.0)	**66**	(5.5)
	Sweden	**1.7**	(0.13)	**55**	(6.9)	**84**	(7.0)	**57**	(6.1)
	Switzerland	**1.4**	(0.09)	**57**	(4.2)	**59**	(4.9)	**67**	(6.8)
	Turkey	**1.6**	(0.11)	**57**	(6.2)	**66**	(10.5)	a	a
	United Kingdom	**1.6**	(0.08)	**75**	(4.4)	m	m	m	m
	United States	**1.7**	(0.12)	**72**	(5.5)	**84**	(4.9)	**80**	(9.3)
	OECD total	**1.7**	(0.04)	**72**	(1.6)	**83**	(2.1)	**70**	(2.9)
	OECD average	**1.7**	(0.02)	**64**	(0.9)	**71**	(1.1)	**60**	(1.3)
Partners	Argentina	**1.5**	(0.13)	**59**	(7.6)	a	a	**60**	(13.7)
	Azerbaijan	**1.3**	(0.10)	**12**	(4.3)	a	a	a	a
	Brazil	1.1	(0.07)	**24**	(5.6)	**31**	(5.7)	**34**	(6.9)
	Bulgaria	**2.4**	(0.19)	**94**	(6.8)	a	a	**59**	(8.2)
	Chile	**1.5**	(0.12)	**64**	(6.1)	a	a	**67**	(6.0)
	Colombia	**1.3**	(0.10)	**36**	(5.3)	a	a	a	a
	Croatia	**1.7**	(0.09)	**66**	(4.3)	a	a	a	a
	Estonia	**1.6**	(0.10)	**41**	(4.2)	a	a	a	a
	Hong Kong-China	**1.6**	(0.10)	**47**	(6.0)	**50**	(6.0)	**39**	(6.9)
	Indonesia	1.1	(0.08)	4	(4.5)	**17**	(3.4)	5	(4.7)
	Israel	**1.8**	(0.14)	**73**	(6.1)	a	a	**82**	(13.8)
	Jordan	**1.2**	(0.08)	**23**	(4.5)	a	a	a	a
	Kyrgyzstan	**1.4**	(0.08)	**45**	(5.0)	a	a	a	a
	Latvia	**1.8**	(0.14)	**47**	(5.0)	**59**	(5.2)	**53**	(9.1)
	Liechtenstein	1.6	(0.31)	**84**	(12.8)	**85**	(16.1)	**66**	(21.5)
	Lithuania	**2.1**	(0.15)	**70**	(4.8)	a	a	a	a
	Macao-China	**1.4**	(0.09)	**31**	(3.5)	**23**	(7.4)	a	a
	Montenegro	**2.0**	(0.11)	**57**	(3.7)	a	a	a	a
	Qatar	1.1	(0.07)	**21**	(3.4)	a	a	a	a
	Romania	**2.2**	(0.19)	**60**	(9.0)	a	a	**48**	(10.0)
	Russian Federation	**1.5**	(0.08)	**29**	(4.4)	**47**	(4.7)	**30**	(5.6)
	Serbia	**2.2**	(0.12)	**65**	(4.0)	a	a	a	a
	Slovenia	**2.2**	(0.14)	**79**	(4.6)	a	a	a	a
	Chinese Taipei	**2.1**	(0.13)	**75**	(4.2)	a	a	a	a
	Thailand	1.1	(0.08)	**15**	(3.6)	**30**	(4.9)	1	(4.8)
	Tunisia	**1.4**	(0.10)	**41**	(5.5)	**48**	(6.9)	a	a
	Uruguay	**1.8**	(0.12)	**70**	(4.4)	**77**	(6.4)	a	a

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 1/3]

Table 4.9b Index of cultural possessions in the home and performance on the science scale, by quarters of the index[1]

Tableau 4.9b Indice de patrimoine culturel familial et score sur l'échelle de culture scientifique, par quartile de l'indice

		All students		Index of cultural possessions in the home: Bottom quarter		Second quarter		Third quarter		Top quarter	
		Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD	Australia	-0.11	(0.02)	-1.44	(0.01)	-0.57	(0.00)	0.32	(0.01)	1.25	(0.00)
	Austria	0.07	(0.02)	-1.16	(0.01)	-0.27	(0.01)	0.50	(0.02)	1.21	(0.00)
	Belgium	-0.27	(0.02)	-1.52	(0.00)	-0.62	(0.01)	0.02	(0.01)	1.02	(0.01)
	Canada	-0.10	(0.02)	-1.49	(0.01)	-0.58	(0.00)	0.38	(0.01)	1.28	(0.00)
	Czech Republic	-0.01	(0.02)	-1.23	(0.01)	-0.29	(0.01)	0.38	(0.01)	1.12	(0.00)
	Denmark	-0.10	(0.03)	-1.48	(0.01)	-0.59	(0.00)	0.38	(0.01)	1.32	(0.00)
	Finland	0.15	(0.02)	-1.18	(0.02)	-0.17	(0.01)	0.79	(0.01)	1.18	(0.00)
	France	-0.17	(0.03)	-1.52	(0.00)	-0.50	(0.00)	0.20	(0.00)	1.13	(0.00)
	Germany	0.08	(0.02)	-1.13	(0.01)	-0.21	(0.01)	0.52	(0.02)	1.14	(0.00)
	Greece	0.03	(0.02)	-1.20	(0.02)	-0.24	(0.01)	0.33	(0.01)	1.22	(0.00)
	Hungary	0.33	(0.02)	-1.10	(0.02)	0.19	(0.00)	0.91	(0.02)	1.33	(0.00)
	Iceland	0.73	(0.01)	-0.42	(0.02)	0.89	(0.01)	1.21	(0.00)	1.22	(0.00)
	Ireland	-0.19	(0.03)	-1.44	(0.01)	-0.54	(0.00)	0.12	(0.01)	1.13	(0.00)
	Italy	0.26	(0.01)	-0.86	(0.01)	0.05	(0.00)	0.83	(0.01)	1.02	(0.00)
	Japan	-0.48	(0.02)	-1.45	(0.00)	-0.97	(0.01)	-0.22	(0.01)	0.71	(0.01)
	Korea	0.11	(0.02)	-1.17	(0.01)	-0.15	(0.01)	0.57	(0.02)	1.20	(0.00)
	Luxembourg	0.02	(0.01)	-1.31	(0.01)	-0.35	(0.01)	0.51	(0.01)	1.23	(0.00)
	Mexico	-0.32	(0.02)	-1.44	(0.00)	-0.69	(0.01)	-0.01	(0.01)	0.83	(0.01)
	Netherlands	-0.32	(0.03)	-1.65	(0.01)	-0.59	(0.00)	-0.05	(0.01)	1.02	(0.01)
	New Zealand	-0.11	(0.02)	-1.48	(0.01)	-0.61	(0.00)	0.30	(0.00)	1.34	(0.00)
	Norway	0.29	(0.03)	-1.15	(0.02)	-0.09	(0.02)	1.08	(0.01)	1.35	(0.00)
	Poland	0.11	(0.02)	-1.20	(0.02)	-0.18	(0.01)	0.56	(0.01)	1.27	(0.00)
	Portugal	-0.11	(0.03)	-1.43	(0.00)	-0.42	(0.01)	0.32	(0.01)	1.08	(0.00)
	Slovak Republic	0.31	(0.02)	-0.89	(0.01)	0.13	(0.00)	0.98	(0.01)	1.02	(0.00)
	Spain	0.10	(0.02)	-1.07	(0.01)	-0.13	(0.01)	0.51	(0.01)	1.08	(0.00)
	Sweden	0.11	(0.02)	-1.32	(0.02)	-0.35	(0.01)	0.67	(0.02)	1.42	(0.00)
	Switzerland	-0.17	(0.02)	-1.42	(0.01)	-0.57	(0.00)	0.18	(0.00)	1.13	(0.01)
	Turkey	-0.04	(0.02)	-1.27	(0.01)	-0.31	(0.01)	0.19	(0.00)	1.24	(0.01)
	United Kingdom	-0.13	(0.02)	-1.42	(0.00)	-0.51	(0.00)	0.33	(0.01)	1.11	(0.00)
	United States	-0.09	(0.03)	-1.43	(0.01)	-0.51	(0.00)	0.41	(0.01)	1.17	(0.00)
	OECD total	-0.09	(0.01)	-1.40	(0.00)	-0.46	(0.00)	0.31	(0.00)	1.17	(0.00)
	OECD average	0.00	(0.00)	-1.28	(0.00)	-0.33	(0.00)	0.44	(0.00)	1.16	(0.00)
Partners	Argentina	-0.21	(0.03)	-1.37	(0.01)	-0.53	(0.00)	0.14	(0.00)	0.93	(0.01)
	Azerbaijan	0.52	(0.02)	-0.56	(0.02)	0.39	(0.01)	1.12	(0.00)	1.13	(0.00)
	Brazil	-0.15	(0.02)	-1.24	(0.01)	-0.41	(0.01)	0.14	(0.00)	0.90	(0.01)
	Bulgaria	0.24	(0.03)	-1.00	(0.02)	0.05	(0.01)	0.82	(0.01)	1.07	(0.00)
	Chile	-0.08	(0.02)	-1.18	(0.01)	-0.37	(0.01)	0.17	(0.01)	1.05	(0.00)
	Colombia	0.01	(0.03)	-1.14	(0.02)	-0.22	(0.01)	0.34	(0.01)	1.08	(0.00)
	Croatia	-0.21	(0.02)	-1.44	(0.00)	-0.59	(0.01)	0.09	(0.01)	1.08	(0.00)
	Estonia	0.34	(0.01)	-0.83	(0.02)	0.14	(0.00)	0.96	(0.01)	1.08	(0.00)
	Hong Kong-China	-0.31	(0.02)	-1.47	(0.00)	-0.62	(0.01)	0.03	(0.01)	0.83	(0.01)
	Indonesia	-0.61	(0.02)	-1.55	(0.00)	-0.99	(0.02)	-0.43	(0.01)	0.55	(0.02)
	Israel	0.10	(0.02)	-1.13	(0.01)	-0.18	(0.01)	0.68	(0.01)	1.03	(0.00)
	Jordan	-0.34	(0.02)	-1.40	(0.00)	-0.63	(0.01)	-0.08	(0.01)	0.73	(0.01)
	Kyrgyzstan	0.12	(0.02)	-0.93	(0.02)	-0.07	(0.01)	0.43	(0.01)	1.07	(0.00)
	Latvia	0.37	(0.02)	-0.81	(0.02)	0.16	(0.00)	1.00	(0.01)	1.13	(0.00)
	Liechtenstein	0.05	(0.04)	-1.24	(0.05)	-0.29	(0.04)	0.54	(0.05)	1.21	(0.00)
	Lithuania	0.16	(0.02)	-1.10	(0.01)	-0.12	(0.01)	0.80	(0.01)	1.03	(0.00)
	Macao-China	-0.45	(0.01)	-1.41	(0.00)	-0.86	(0.01)	-0.17	(0.01)	0.66	(0.01)
	Montenegro	0.38	(0.01)	-0.74	(0.02)	0.18	(0.01)	1.03	(0.00)	1.04	(0.00)
	Qatar	-0.12	(0.01)	-1.31	(0.01)	-0.50	(0.01)	0.18	(0.00)	1.15	(0.01)
	Romania	0.54	(0.03)	-0.76	(0.03)	0.29	(0.00)	1.16	(0.02)	1.47	(0.00)
	Russian Federation	0.57	(0.02)	-0.51	(0.02)	0.20	(0.00)	1.22	(0.01)	1.37	(0.00)
	Serbia	0.20	(0.02)	-1.01	(0.01)	-0.03	(0.01)	0.79	(0.01)	1.03	(0.00)
	Slovenia	0.19	(0.01)	-1.04	(0.02)	-0.10	(0.01)	0.80	(0.01)	1.09	(0.00)
	Chinese Taipei	0.08	(0.02)	-1.16	(0.01)	-0.17	(0.01)	0.64	(0.01)	1.01	(0.00)
	Thailand	-0.13	(0.02)	-1.24	(0.01)	-0.51	(0.00)	0.16	(0.00)	1.07	(0.00)
	Tunisia	-0.42	(0.03)	-1.40	(0.00)	-0.83	(0.01)	-0.13	(0.01)	0.66	(0.01)
	Uruguay	-0.05	(0.02)	-1.24	(0.01)	-0.29	(0.01)	0.26	(0.01)	1.06	(0.00)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 2/3]

Table 4.9b Index of cultural possessions in the home and performance on the science scale, by quarters of the index[1]

Tableau 4.9b Indice de patrimoine culturel familial et score sur l'échelle de culture scientifique, par quartile de l'indice

		Performance on the science scale, by quarters of the index							
		Bottom quarter		Second quarter		Third quarter		Top quarter	
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD	Australia	**503**	(3.0)	515	(2.4)	534	(2.9)	**564**	(2.8)
	Austria	**485**	(5.2)	495	(5.4)	514	(5.2)	**553**	(4.2)
	Belgium	**475**	(3.4)	505	(3.9)	517	(3.4)	**554**	(2.7)
	Canada	**515**	(2.6)	528	(2.5)	541	(2.9)	**561**	(2.6)
	Czech Republic	**481**	(5.3)	502	(4.4)	521	(4.9)	**550**	(4.2)
	Denmark	**462**	(4.0)	482	(3.7)	504	(3.5)	**539**	(4.1)
	Finland	**536**	(3.2)	555	(4.0)	579	(3.3)	**585**	(3.1)
	France	**443**	(4.1)	480	(4.1)	518	(4.3)	**545**	(4.3)
	Germany	**492**	(4.6)	502	(5.0)	523	(5.2)	**561**	(4.0)
	Greece	**447**	(5.2)	471	(4.0)	483	(4.4)	**497**	(4.5)
	Hungary	**455**	(3.5)	507	(3.5)	521	(3.4)	**536**	(3.4)
	Iceland	**461**	(3.5)	497	(4.8)	505	(3.8)	**503**	(3.4)
	Ireland	**483**	(4.2)	498	(3.8)	506	(3.6)	**552**	(3.8)
	Italy	**443**	(2.9)	473	(2.5)	491	(3.5)	**497**	(3.2)
	Japan	**503**	(5.0)	520	(4.4)	546	(3.8)	**560**	(3.8)
	Korea	**486**	(5.1)	517	(4.4)	538	(4.7)	**549**	(4.9)
	Luxembourg	**452**	(2.9)	471	(3.1)	494	(2.8)	**532**	(3.1)
	Mexico	**394**	(2.6)	404	(3.1)	419	(3.1)	**437**	(3.8)
	Netherlands	**495**	(5.0)	517	(4.4)	529	(3.8)	**561**	(3.9)
	New Zealand	**508**	(3.7)	522	(3.4)	524	(3.8)	**579**	(3.3)
	Norway	**455**	(4.1)	477	(4.5)	509	(3.4)	**518**	(4.1)
	Poland	**466**	(3.3)	495	(4.0)	510	(3.5)	**523**	(3.4)
	Portugal	**439**	(4.0)	460	(4.4)	489	(4.0)	**511**	(3.8)
	Slovak Republic	**459**	(4.3)	486	(3.5)	504	(3.9)	**506**	(4.1)
	Spain	**454**	(3.0)	480	(3.0)	503	(3.2)	**520**	(3.2)
	Sweden	**474**	(3.9)	495	(3.4)	521	(4.7)	**530**	(4.9)
	Switzerland	**490**	(3.4)	504	(3.2)	509	(4.0)	**547**	(4.2)
	Turkey	**396**	(3.6)	417	(3.9)	431	(4.5)	**453**	(6.3)
	United Kingdom	**484**	(3.2)	498	(3.4)	525	(3.6)	**559**	(3.6)
	United States	**451**	(4.3)	484	(4.8)	500	(5.6)	**526**	(5.2)
	OECD total	**457**	(1.2)	482	(1.6)	501	(1.6)	**530**	(1.5)
	OECD average	**470**	(0.7)	492	(0.7)	510	(0.7)	**534**	(0.7)
Partners	Argentina	**369**	(6.2)	381	(6.6)	404	(7.1)	**428**	(7.1)
	Azerbaijan	**379**	(4.4)	378	(3.0)	390	(3.6)	**390**	(3.3)
	Brazil	**381**	(4.7)	386	(3.9)	395	(3.7)	**406**	(4.4)
	Bulgaria	**379**	(6.0)	429	(6.6)	463	(7.2)	**473**	(6.8)
	Chile	**411**	(4.4)	424	(4.8)	440	(5.8)	**478**	(5.3)
	Colombia	**375**	(4.5)	386	(4.7)	390	(4.8)	**409**	(4.9)
	Croatia	**464**	(3.5)	483	(3.6)	504	(3.0)	**532**	(3.5)
	Estonia	**506**	(3.4)	531	(3.4)	543	(4.6)	**547**	(4.4)
	Hong Kong-China	**518**	(3.8)	532	(4.2)	555	(4.3)	**564**	(5.2)
	Indonesia	389	(5.1)	394	(6.9)	397	(7.8)	396	(6.1)
	Israel	**416**	(5.0)	448	(5.8)	474	(4.7)	**492**	(4.8)
	Jordan	**414**	(3.5)	419	(4.6)	429	(4.5)	**438**	(4.6)
	Kyrgyzstan	**304**	(3.7)	319	(5.0)	331	(4.6)	**349**	(3.5)
	Latvia	**460**	(4.0)	489	(3.5)	505	(5.4)	**507**	(4.4)
	Liechtenstein	**492**	(9.6)	496	(14.1)	536	(11.2)	**572**	(9.3)
	Lithuania	**451**	(3.5)	479	(3.6)	508	(3.8)	**521**	(3.8)
	Macao-China	**496**	(3.4)	501	(3.0)	520	(2.9)	**529**	(2.4)
	Montenegro	**379**	(2.2)	403	(2.4)	435	(3.1)	**436**	(3.5)
	Qatar	**346**	(2.5)	347	(3.0)	353	(2.1)	**366**	(2.5)
	Romania	**382**	(5.5)	421	(5.5)	435	(4.6)	**440**	(5.2)
	Russian Federation	**458**	(5.1)	484	(4.8)	487	(4.6)	**491**	(4.3)
	Serbia	**399**	(3.9)	431	(3.8)	454	(3.5)	**462**	(3.3)
	Slovenia	**475**	(3.4)	511	(3.2)	540	(3.7)	**551**	(3.5)
	Chinese Taipei	**488**	(4.8)	523	(4.6)	553	(3.7)	**567**	(3.4)
	Thailand	**412**	(2.8)	417	(3.0)	426	(2.9)	**428**	(3.0)
	Tunisia	**368**	(3.3)	376	(3.8)	395	(4.2)	**408**	(5.5)
	Uruguay	**397**	(3.9)	420	(4.3)	435	(3.8)	**469**	(4.0)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 3/3]

Table 4.9b Index of cultural possessions in the home and performance on the science scale, by quarters of the index[1]

Tableau 4.9b Indice de patrimoine culturel familial et score sur l'échelle de culture scientifique, par quartile de l'indice

		Change in the science score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the science performance distribution		Explained variance in student performance (r-squared x 100)	
		Effect	S.E.	Ratio	S.E.	Percentage	S.E.
OECD	Australia	**21.8**	(1.10)	**1.5**	(0.08)	5.3	(0.50)
	Austria	**27.7**	(1.68)	**1.5**	(0.11)	7.5	(0.79)
	Belgium	**31.9**	(1.54)	**1.9**	(0.09)	9.6	(0.79)
	Canada	**16.5**	(1.05)	**1.4**	(0.07)	3.7	(0.45)
	Czech Republic	**29.1**	(1.93)	**1.7**	(0.14)	7.5	(0.93)
	Denmark	**26.2**	(1.40)	**1.8**	(0.12)	9.4	(0.92)
	Finland	**21.3**	(1.31)	**1.7**	(0.12)	6.2	(0.72)
	France	**39.4**	(2.23)	**2.3**	(0.14)	14.6	(1.41)
	Germany	**28.6**	(1.82)	**1.6**	(0.09)	7.1	(0.77)
	Greece	**21.1**	(2.27)	**1.7**	(0.14)	4.8	(0.95)
	Hungary	**30.7**	(1.70)	**2.5**	(0.17)	12.1	(1.24)
	Iceland	**27.8**	(1.86)	**1.7**	(0.11)	5.0	(0.65)
	Ireland	**26.4**	(1.81)	**1.6**	(0.13)	7.2	(0.90)
	Italy	**28.2**	(1.88)	**1.8**	(0.09)	5.6	(0.71)
	Japan	**25.9**	(2.04)	**1.7**	(0.12)	5.4	(0.78)
	Korea	**27.4**	(2.34)	**2.0**	(0.11)	8.6	(1.22)
	Luxembourg	**30.9**	(1.53)	**1.9**	(0.14)	10.7	(1.03)
	Mexico	**20.1**	(1.82)	**1.4**	(0.08)	5.1	(0.85)
	Netherlands	**24.6**	(2.06)	**1.7**	(0.11)	6.9	(1.07)
	New Zealand	**22.9**	(1.35)	**1.4**	(0.09)	5.5	(0.65)
	Norway	**25.0**	(1.44)	**1.8**	(0.11)	8.4	(0.90)
	Poland	**23.1**	(1.34)	**1.8**	(0.11)	6.7	(0.73)
	Portugal	**29.0**	(1.92)	**2.0**	(0.13)	9.8	(1.09)
	Slovak Republic	**24.6**	(2.29)	**1.8**	(0.14)	4.6	(0.81)
	Spain	**30.0**	(1.42)	**1.9**	(0.11)	8.4	(0.75)
	Sweden	**20.3**	(1.81)	**1.7**	(0.13)	6.1	(1.07)
	Switzerland	**22.4**	(1.56)	**1.4**	(0.07)	4.8	(0.66)
	Turkey	**23.0**	(2.38)	**1.6**	(0.10)	6.9	(1.08)
	United Kingdom	**29.3**	(1.65)	**1.6**	(0.08)	7.1	(0.76)
	United States	**27.5**	(1.91)	**1.7**	(0.11)	7.0	(0.90)
	OECD total	**26.0**	(0.55)	**1.7**	(0.04)	6.1	(0.25)
	OECD average	**26.1**	(0.33)	**1.7**	(0.02)	7.3	(0.16)
Partners	Argentina	**26.2**	(3.18)	**1.4**	(0.12)	5.4	(1.25)
	Azerbaijan	**5.9**	(2.37)	**1.2**	(0.10)	0.7	(0.55)
	Brazil	**11.8**	(2.39)	1.1	(0.09)	1.2	(0.47)
	Bulgaria	**44.3**	(3.23)	**2.4**	(0.20)	13.3	(1.42)
	Chile	**29.2**	(2.56)	**1.5**	(0.14)	7.2	(1.16)
	Colombia	**14.4**	(2.04)	**1.3**	(0.12)	2.3	(0.59)
	Croatia	**27.0**	(1.57)	**1.8**	(0.10)	8.8	(0.93)
	Estonia	**19.7**	(1.78)	**1.6**	(0.10)	3.7	(0.63)
	Hong Kong-China	**20.9**	(2.57)	**1.6**	(0.12)	4.2	(0.94)
	Indonesia	3.4	(1.81)	1.0	(0.07)	0.2	(0.19)
	Israel	**34.2**	(2.31)	**1.7**	(0.12)	7.7	(0.96)
	Jordan	**13.4**	(1.97)	**1.2**	(0.08)	1.6	(0.45)
	Kyrgyzstan	**20.3**	(2.18)	**1.4**	(0.10)	3.8	(0.72)
	Latvia	**22.5**	(1.93)	**1.8**	(0.14)	5.2	(0.84)
	Liechtenstein	**30.5**	(4.78)	1.5	(0.37)	10.0	(2.99)
	Lithuania	**31.8**	(1.99)	**2.1**	(0.13)	10.3	(1.10)
	Macao-China	**16.2**	(1.46)	**1.4**	(0.11)	3.1	(0.55)
	Montenegro	**30.6**	(1.45)	**2.0**	(0.14)	8.9	(0.82)
	Qatar	**8.7**	(1.27)	1.1	(0.07)	1.0	(0.28)
	Romania	**24.7**	(2.42)	**2.2**	(0.20)	8.8	(1.52)
	Russian Federation	**15.7**	(2.29)	**1.5**	(0.09)	2.3	(0.62)
	Serbia	**30.6**	(1.67)	**2.2**	(0.13)	9.7	(0.92)
	Slovenia	**35.5**	(1.91)	**2.1**	(0.13)	10.6	(1.09)
	Chinese Taipei	**36.2**	(1.86)	**2.2**	(0.15)	11.7	(0.99)
	Thailand	**7.0**	(1.43)	**1.2**	(0.07)	0.6	(0.25)
	Tunisia	**21.1**	(2.73)	**1.4**	(0.11)	4.6	(1.06)
	Uruguay	**29.7**	(1.69)	**1.8**	(0.16)	7.7	(0.85)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 1/2]

Table 4.10 **Student performance on the science, reading and mathematics scales, by level of home educational resources[1]**

Tableau 4.10 **Score sur les échelles de culture scientifique, de compréhension de l'écrit et de culture mathématique, selon les ressources éducatives à la maison**

		Students with a low level of home educational resources (bottom quarter of the index of home educational resources)						Students with a high level of home educational resources (top quarter of the index of home educational resources)					
		Performance						Performance					
		Science		Reading		Mathematics		Science		Reading		Mathematics	
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD	Australia	502	(3.0)	487	(2.9)	497	(2.7)	541	(2.8)	528	(2.6)	533	(2.7)
	Austria	487	(5.6)	461	(5.9)	481	(5.4)	521	(4.4)	503	(4.6)	516	(4.4)
	Belgium	474	(4.6)	459	(6.0)	482	(5.2)	518	(3.4)	511	(3.7)	527	(3.4)
	Canada	515	(2.7)	500	(3.2)	508	(2.7)	545	(2.7)	543	(2.8)	538	(2.5)
	Czech Republic	466	(5.1)	433	(7.2)	461	(5.2)	532	(3.4)	502	(4.0)	526	(3.8)
	Denmark	478	(3.9)	477	(3.9)	493	(3.5)	503	(3.9)	502	(4.2)	523	(3.4)
	Finland	545	(3.1)	531	(3.2)	526	(3.5)	562	(3.2)	547	(3.3)	553	(3.1)
	France	445	(4.9)	436	(5.8)	448	(4.7)	516	(4.1)	511	(4.4)	515	(3.8)
	Germany	485	(5.4)	455	(6.6)	472	(5.5)	536	(4.5)	520	(5.0)	527	(4.4)
	Greece	428	(4.9)	414	(6.3)	416	(4.9)	506	(3.7)	493	(4.6)	493	(4.0)
	Hungary	456	(3.8)	432	(5.5)	442	(4.2)	533	(3.4)	512	(3.9)	519	(3.8)
	Iceland	473	(3.4)	473	(3.3)	487	(3.1)	502	(3.3)	494	(3.5)	515	(3.1)
	Ireland	480	(4.3)	488	(4.8)	478	(3.4)	529	(3.2)	542	(3.3)	519	(2.9)
	Italy	440	(3.0)	433	(3.8)	428	(2.8)	497	(2.8)	488	(2.6)	483	(2.9)
	Japan	503	(4.7)	469	(5.1)	498	(4.3)	545	(4.0)	513	(4.2)	534	(3.9)
	Korea	495	(4.7)	529	(5.7)	515	(4.8)	543	(4.2)	577	(4.1)	572	(5.0)
	Luxembourg	463	(2.5)	453	(2.7)	465	(2.4)	495	(2.8)	488	(3.4)	501	(2.7)
	Mexico	379	(3.4)	375	(3.8)	374	(3.9)	450	(3.6)	455	(3.9)	447	(3.5)
	Netherlands	487	(4.6)	469	(5.1)	493	(4.8)	547	(3.7)	528	(3.8)	551	(3.5)
	New Zealand	493	(4.4)	482	(5.0)	490	(3.5)	556	(3.5)	548	(3.9)	544	(3.3)
	Norway	466	(4.3)	458	(4.7)	467	(4.0)	498	(3.5)	498	(3.6)	501	(3.3)
	Poland	461	(3.2)	464	(3.8)	457	(2.8)	514	(3.2)	528	(3.9)	512	(3.4)
	Portugal	432	(4.6)	421	(5.6)	422	(4.8)	487	(3.7)	490	(3.9)	481	(3.5)
	Slovak Republic	435	(4.5)	409	(6.2)	436	(5.9)	521	(3.3)	501	(4.0)	528	(3.9)
	Spain	454	(3.7)	426	(3.1)	445	(2.9)	502	(2.6)	476	(2.4)	494	(2.5)
	Sweden	480	(3.8)	480	(5.1)	476	(3.5)	513	(3.3)	520	(3.6)	514	(3.0)
	Switzerland	491	(4.2)	478	(3.9)	510	(4.2)	521	(4.0)	509	(3.4)	539	(3.9)
	Turkey	384	(3.4)	406	(4.9)	381	(4.2)	457	(6.9)	479	(6.2)	464	(9.1)
	United Kingdom	482	(3.9)	462	(3.9)	466	(3.7)	532	(2.9)	514	(2.8)	512	(2.6)
	United States	455	(6.6)	m	m	445	(5.9)	513	(4.8)	m	m	495	(4.2)
	OECD total	450	(2.1)	436	(1.7)	443	(2.0)	517	(0.9)	513	(1.0)	514	(1.0)
	OECD average	468	(0.8)	457	(0.9)	465	(0.8)	518	(0.7)	511	(0.7)	516	(0.7)
Partners	Argentina	344	(7.0)	320	(8.6)	338	(7.2)	442	(6.5)	430	(7.8)	433	(6.1)
	Azerbaijan	366	(4.2)	332	(5.0)	472	(3.6)	397	(3.7)	375	(4.9)	480	(2.5)
	Brazil	356	(2.8)	360	(5.4)	334	(3.4)	444	(4.6)	446	(5.5)	425	(5.1)
	Bulgaria	372	(6.2)	332	(8.9)	357	(6.8)	482	(6.8)	458	(6.5)	459	(7.0)
	Chile	402	(3.7)	407	(5.0)	376	(4.8)	478	(5.1)	483	(5.9)	451	(4.8)
	Colombia	358	(4.6)	344	(7.0)	337	(5.7)	430	(4.4)	438	(5.5)	418	(4.3)
	Croatia	452	(3.4)	433	(4.3)	428	(3.6)	512	(3.2)	499	(3.1)	486	(3.2)
	Estonia	512	(3.6)	482	(4.7)	491	(3.6)	539	(3.2)	510	(3.5)	526	(3.4)
	Hong Kong-China	516	(4.2)	507	(4.1)	523	(4.5)	556	(3.2)	554	(2.7)	561	(3.6)
	Indonesia	373	(4.1)	371	(4.4)	368	(4.6)	417	(8.2)	417	(8.2)	418	(8.0)
	Israel	420	(5.6)	402	(6.9)	412	(6.8)	474	(4.6)	458	(5.7)	460	(5.1)
	Jordan	383	(3.3)	357	(4.2)	347	(3.8)	454	(4.3)	435	(4.8)	414	(4.7)
	Kyrgyzstan	297	(4.5)	253	(5.2)	285	(4.1)	345	(3.9)	314	(5.1)	337	(5.0)
	Latvia	462	(4.3)	450	(5.6)	453	(4.4)	507	(4.0)	498	(4.5)	507	(3.9)
	Liechtenstein	502	(7.8)	491	(8.2)	507	(8.8)	527	(10.6)	514	(9.9)	531	(9.9)
	Lithuania	444	(3.5)	426	(4.1)	441	(3.6)	520	(3.6)	502	(4.0)	520	(3.7)
	Macao-China	486	(2.6)	468	(2.3)	500	(2.6)	531	(3.1)	511	(2.5)	546	(3.6)
	Montenegro	378	(2.3)	356	(2.6)	365	(2.6)	436	(2.8)	415	(3.3)	424	(2.9)
	Qatar	321	(1.7)	278	(2.4)	283	(1.9)	375	(2.6)	344	(3.1)	350	(2.7)
	Romania	385	(5.2)	366	(7.0)	378	(6.3)	456	(5.9)	430	(6.5)	458	(6.2)
	Russian Federation	446	(4.9)	407	(5.5)	442	(4.6)	505	(4.0)	468	(4.7)	503	(4.2)
	Serbia	402	(4.3)	362	(4.7)	397	(4.8)	461	(3.3)	431	(3.8)	463	(3.7)
	Slovenia	495	(3.9)	471	(3.0)	483	(3.1)	535	(2.7)	509	(2.4)	520	(2.5)
	Chinese Taipei	502	(4.5)	466	(4.3)	511	(5.7)	556	(3.3)	520	(3.3)	577	(3.7)
	Thailand	389	(2.8)	378	(3.7)	388	(4.1)	467	(3.9)	466	(3.8)	461	(3.9)
	Tunisia	352	(2.9)	338	(4.4)	325	(3.4)	429	(6.1)	430	(7.0)	424	(6.8)
	Uruguay	382	(3.7)	358	(5.1)	379	(3.4)	471	(3.4)	458	(4.8)	470	(3.9)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 2/2]

Table 4.10 Student performance on the science, reading and mathematics scales, by level of home educational resources[1]

Tableau 4.10 Score sur les échelles de culture scientifique, de compréhension de l'écrit et de culture mathématique, selon les ressources éducatives à la maison

		Increased likelihood of students, who are in the bottom quarter of the index of home educational resources, scoring in the bottom quarter of the science performance distribution		Difference in science performance between students with a high level of home educational resources and students with a low level of home educational resources					
				PISA 2006		PISA 2003		PISA 2000	
		Ratio	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	**1.6**	(0.07)	**39**	(3.0)	**42**	(4.0)	**45**	(6.8)
	Austria	**1.6**	(0.12)	**34**	(4.3)	**35**	(4.3)	**40**	(5.7)
	Belgium	**2.0**	(0.10)	**44**	(5.3)	**74**	(4.9)	**74**	(10.1)
	Canada	**1.5**	(0.06)	**30**	(3.0)	**36**	(3.3)	**28**	(3.6)
	Czech Republic	**2.4**	(0.20)	**66**	(4.9)	**64**	(5.0)	**54**	(4.9)
	Denmark	**1.3**	(0.08)	**25**	(4.2)	**65**	(5.3)	**59**	(7.1)
	Finland	**1.4**	(0.07)	**17**	(3.6)	**31**	(4.0)	**26**	(6.1)
	France	**2.4**	(0.14)	**71**	(5.6)	**48**	(5.7)	**49**	(6.9)
	Germany	**1.8**	(0.09)	**50**	(4.8)	**50**	(5.5)	**47**	(8.6)
	Greece	**2.3**	(0.15)	**78**	(5.3)	**69**	(6.3)	**40**	(8.5)
	Hungary	**2.6**	(0.19)	**77**	(4.8)	**52**	(5.6)	**63**	(7.5)
	Iceland	**1.5**	(0.08)	**29**	(5.0)	**21**	(5.0)	**18**	(6.6)
	Ireland	**1.8**	(0.09)	**49**	(4.1)	**53**	(5.3)	**46**	(6.3)
	Italy	**1.9**	(0.10)	**56**	(3.7)	**46**	(4.9)	**35**	(6.4)
	Japan	**1.6**	(0.10)	**42**	(4.7)	**53**	(6.7)	**30**	(6.5)
	Korea	**1.6**	(0.10)	**48**	(5.7)	**57**	(6.2)	**29**	(5.5)
	Luxembourg	**1.6**	(0.09)	**32**	(3.8)	**36**	(4.6)	m	m
	Mexico	**1.8**	(0.11)	**72**	(5.0)	**73**	(6.2)	**69**	(7.0)
	Netherlands	**2.1**	(0.13)	**60**	(4.4)	**74**	(6.1)	m	m
	New Zealand	**1.9**	(0.11)	**63**	(4.9)	**55**	(5.0)	**60**	(6.5)
	Norway	**1.6**	(0.08)	**32**	(4.5)	**45**	(4.9)	**65**	(6.2)
	Poland	**2.0**	(0.11)	**54**	(4.3)	**46**	(4.6)	**63**	(9.2)
	Portugal	**2.3**	(0.16)	**56**	(4.9)	**58**	(5.6)	**50**	(6.3)
	Slovak Republic	**2.6**	(0.22)	**86**	(5.6)	**66**	(7.5)	a	a
	Spain	**1.9**	(0.09)	**48**	(3.5)	**39**	(5.2)	**36**	(5.8)
	Sweden	**1.5**	(0.09)	**34**	(4.9)	**57**	(5.6)	**27**	(6.0)
	Switzerland	**1.4**	(0.07)	**30**	(3.8)	**60**	(6.3)	**38**	(5.7)
	Turkey	**2.0**	(0.15)	**73**	(7.9)	**85**	(9.3)	a	a
	United Kingdom	**1.8**	(0.07)	**51**	(4.5)	m	m	m	m
	United States	**1.7**	(0.16)	**58**	(7.4)	**51**	(4.6)	**80**	(13.4)
	OECD total	**2.0**	(0.06)	**67**	(2.2)	**64**	(1.9)	**61**	(3.7)
	OECD average	**1.8**	(0.02)	**50**	(0.9)	**53**	(1.0)	**47**	(1.4)
Partners	Argentina	**2.0**	(0.19)	**98**	(7.7)	a	a	**100**	(9.8)
	Azerbaijan	**1.7**	(0.16)	**30**	(5.1)	a	a	a	a
	Brazil	**1.7**	(0.12)	**88**	(5.2)	**74**	(8.1)	**62**	(8.1)
	Bulgaria	**2.7**	(0.24)	**110**	(9.0)	a	a	**70**	(7.2)
	Chile	**1.9**	(0.13)	**76**	(5.4)	a	a	**68**	(6.8)
	Colombia	**1.8**	(0.17)	**72**	(5.9)	a	a	a	a
	Croatia	**2.2**	(0.12)	**60**	(3.9)	a	a	a	a
	Estonia	**1.5**	(0.09)	**27**	(3.9)	a	a	a	a
	Hong Kong-China	**1.7**	(0.12)	**41**	(5.2)	**50**	(5.5)	**51**	(6.4)
	Indonesia	**1.5**	(0.13)	**43**	(7.3)	**38**	(4.7)	**34**	(7.8)
	Israel	**1.6**	(0.10)	**54**	(6.0)	a	a	**62**	(14.1)
	Jordan	**2.1**	(0.13)	**71**	(5.3)	a	a	a	a
	Kyrgyzstan	**1.6**	(0.12)	**49**	(5.3)	a	a	a	a
	Latvia	**1.7**	(0.14)	**45**	(4.7)	**40**	(5.0)	**31**	(8.3)
	Liechtenstein	1.5	(0.28)	26	(14.7)	**77**	(15.3)	**52**	(19.2)
	Lithuania	**2.3**	(0.13)	**76**	(4.2)	a	a	a	a
	Macao-China	**1.7**	(0.10)	**44**	(3.9)	**26**	(9.4)	a	a
	Montenegro	**1.9**	(0.10)	**57**	(3.5)	a	a	a	a
	Qatar	**1.6**	(0.08)	**54**	(3.2)	a	a	a	a
	Romania	**2.0**	(0.18)	**71**	(7.9)	a	a	**56**	(11.3)
	Russian Federation	**1.8**	(0.12)	**59**	(5.7)	**41**	(4.5)	**47**	(5.2)
	Serbia	**1.9**	(0.13)	**59**	(4.5)	a	a	a	a
	Slovenia	**1.6**	(0.11)	**40**	(5.0)	a	a	a	a
	Chinese Taipei	**1.8**	(0.10)	**55**	(3.6)	a	a	a	a
	Thailand	**1.8**	(0.15)	**79**	(4.6)	**55**	(5.1)	**55**	(7.0)
	Tunisia	**1.8**	(0.13)	**77**	(6.9)	**60**	(7.2)	a	a
	Uruguay	**2.3**	(0.16)	**88**	(4.5)	**47**	(6.4)	a	a

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 1/2]

Table 4.11 Student performance on the science, reading and mathematics scales, by economic, social and cultural status[1]

Tableau 4.11 Score sur les échelles de culture scientifique, de compréhension de l'écrit et de culture mathématique, selon le statut économique, social et culturel

		Students with a less advantaged economic, social and cultural status (bottom quarter of the PISA index of economic, social and cultural status)						Students with a more advantaged economic, social and cultural status (top quarter of the PISA index of economic, social and cultural status)					
		Performance						Performance					
		Science		Reading		Mathematics		Science		Reading		Mathematics	
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD	Australia	484	(2.2)	472	(2.3)	482	(2.1)	572	(2.8)	555	(2.4)	561	(2.8)
	Austria	462	(6.7)	441	(7.6)	459	(6.8)	559	(3.6)	539	(4.3)	553	(4.1)
	Belgium	456	(4.2)	446	(5.2)	463	(5.7)	566	(2.9)	555	(3.1)	576	(3.0)
	Canada	501	(2.8)	490	(3.4)	498	(2.6)	569	(2.5)	566	(2.7)	561	(2.4)
	Czech Republic	465	(4.3)	436	(6.3)	457	(4.4)	564	(4.6)	535	(4.8)	564	(4.8)
	Denmark	453	(3.7)	459	(4.1)	475	(3.3)	543	(4.1)	534	(4.1)	553	(3.8)
	Finland	535	(3.0)	519	(3.0)	519	(3.1)	598	(2.8)	578	(3.2)	585	(2.8)
	France	437	(4.8)	432	(5.3)	441	(4.3)	559	(4.3)	544	(4.6)	556	(4.7)
	Germany	460	(5.2)	438	(6.3)	450	(5.4)	572	(3.3)	550	(4.1)	561	(3.7)
	Greece	427	(4.8)	416	(6.2)	412	(4.7)	520	(4.0)	504	(5.0)	507	(4.3)
	Hungary	450	(3.6)	426	(5.2)	435	(3.8)	559	(3.7)	536	(4.1)	552	(4.3)
	Iceland	458	(3.2)	457	(3.2)	473	(3.6)	522	(3.1)	512	(3.4)	536	(3.0)
	Ireland	467	(4.7)	478	(4.9)	465	(4.0)	555	(3.3)	562	(3.4)	545	(3.3)
	Italy	435	(3.0)	428	(4.2)	424	(2.7)	511	(3.3)	502	(3.4)	496	(3.6)
	Japan	493	(5.3)	460	(5.6)	485	(5.0)	562	(4.2)	530	(4.5)	556	(4.0)
	Korea	494	(4.7)	532	(5.7)	513	(5.0)	558	(5.4)	588	(4.9)	590	(6.6)
	Luxembourg	424	(2.5)	416	(3.0)	437	(2.4)	543	(2.7)	535	(3.0)	543	(2.4)
	Mexico	370	(3.4)	365	(5.1)	364	(4.6)	457	(3.6)	461	(3.8)	453	(3.4)
	Netherlands	478	(4.8)	465	(5.2)	490	(4.8)	578	(2.9)	555	(3.1)	579	(3.3)
	New Zealand	480	(4.4)	473	(4.8)	482	(3.5)	589	(3.3)	577	(3.5)	571	(3.3)
	Norway	453	(3.8)	447	(4.3)	458	(3.9)	523	(3.6)	521	(3.9)	525	(3.2)
	Poland	460	(3.1)	465	(3.6)	456	(3.1)	546	(3.4)	557	(4.0)	540	(3.2)
	Portugal	433	(4.2)	421	(5.5)	424	(4.3)	526	(3.2)	529	(3.9)	519	(3.4)
	Slovak Republic	437	(4.0)	414	(5.4)	439	(5.2)	540	(4.0)	517	(4.7)	543	(4.4)
	Spain	446	(3.0)	423	(3.1)	440	(2.7)	533	(3.5)	498	(3.7)	522	(3.7)
	Sweden	466	(3.6)	470	(4.7)	464	(3.4)	543	(4.2)	542	(5.8)	542	(3.6)
	Switzerland	458	(3.1)	452	(3.4)	481	(3.4)	563	(3.7)	546	(3.4)	576	(3.7)
	Turkey	390	(3.3)	409	(5.3)	387	(3.9)	474	(8.5)	494	(7.7)	480	(10.6)
	United Kingdom	467	(3.3)	452	(3.2)	456	(2.9)	570	(3.3)	546	(3.4)	543	(3.0)
	United States	435	(5.4)	m	m	428	(5.0)	552	(4.3)	m	m	529	(4.2)
	OECD total	428	(1.4)	427	(1.6)	425	(1.5)	548	(1.4)	537	(1.1)	537	(1.3)
	OECD average	456	(0.7)	448	(0.9)	455	(0.8)	547	(0.7)	537	(0.8)	544	(0.8)
Partners	Argentina	338	(5.1)	323	(6.3)	328	(5.9)	455	(6.1)	441	(8.4)	445	(7.5)
	Azerbaijan	373	(4.6)	336	(5.9)	476	(3.6)	404	(3.6)	384	(4.5)	484	(3.0)
	Brazil	352	(3.6)	351	(6.2)	327	(4.7)	443	(5.2)	444	(6.2)	424	(6.1)
	Bulgaria	367	(6.3)	334	(9.0)	354	(6.5)	506	(7.8)	478	(7.6)	480	(8.3)
	Chile	387	(3.8)	391	(4.8)	358	(4.9)	503	(5.1)	508	(6.9)	475	(5.1)
	Colombia	358	(3.9)	345	(6.3)	334	(4.9)	431	(3.7)	434	(5.2)	417	(4.3)
	Croatia	454	(3.7)	439	(4.2)	431	(3.5)	532	(3.3)	513	(3.4)	503	(3.2)
	Estonia	504	(3.7)	475	(5.1)	483	(4.1)	570	(3.6)	535	(3.8)	555	(3.6)
	Hong Kong-China	511	(3.9)	509	(4.3)	517	(4.2)	573	(4.6)	561	(4.3)	579	(4.8)
	Indonesia	373	(5.1)	369	(5.1)	366	(4.9)	429	(7.9)	432	(7.5)	431	(8.0)
	Israel	406	(4.8)	392	(6.2)	394	(6.2)	505	(5.1)	483	(6.6)	492	(4.8)
	Jordan	387	(3.2)	363	(3.5)	349	(3.5)	465	(4.7)	443	(5.8)	426	(5.2)
	Kyrgyzstan	299	(4.5)	251	(5.6)	282	(4.4)	357	(4.4)	332	(5.5)	355	(4.9)
	Latvia	457	(4.7)	447	(5.5)	450	(5.0)	525	(4.3)	517	(5.0)	523	(4.6)
	Liechtenstein	461	(8.2)	452	(8.1)	473	(10.3)	578	(10.2)	561	(8.7)	576	(9.8)
	Lithuania	445	(3.2)	426	(3.9)	440	(3.5)	537	(4.5)	519	(5.0)	538	(4.4)
	Macao-China	493	(2.6)	477	(2.3)	506	(2.7)	518	(2.7)	499	(2.9)	535	(3.0)
	Montenegro	386	(2.3)	364	(2.9)	369	(3.0)	444	(2.8)	423	(3.0)	435	(3.1)
	Qatar	m	m	m	m	m	m	m	m	m	m	m	m
	Romania	377	(4.8)	358	(6.9)	373	(6.0)	463	(6.9)	438	(6.6)	463	(6.7)
	Russian Federation	446	(4.2)	406	(4.9)	441	(4.3)	515	(4.3)	477	(5.0)	512	(4.8)
	Serbia	399	(4.3)	359	(4.8)	396	(5.0)	478	(3.1)	447	(3.3)	479	(3.6)
	Slovenia	467	(2.9)	452	(3.1)	458	(2.7)	573	(2.9)	541	(2.5)	555	(2.9)
	Chinese Taipei	492	(4.9)	459	(4.7)	503	(5.8)	577	(3.3)	536	(3.3)	596	(3.7)
	Thailand	395	(2.9)	388	(4.2)	391	(3.6)	468	(4.2)	463	(4.5)	466	(4.3)
	Tunisia	363	(3.2)	354	(3.5)	334	(3.6)	427	(6.5)	424	(7.4)	424	(7.3)
	Uruguay	381	(3.6)	358	(6.0)	373	(4.4)	484	(3.6)	472	(5.2)	484	(3.7)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
StatLink http://dx.doi.org/10.1787/142104560611

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[Part 2/2]

Table 4.11 Student performance on the science, reading and mathematics scales, by economic, social and cultural status[1]

Tableau 4.11 Score sur les échelles de culture scientifique, de compréhension de l'écrit et de culture mathématique, selon le statut économique, social et culturel

		Increased likelihood of students with a less advantaged PISA index of economic, social and cultural status scoring in the bottom quarter of the science performance distribution		Difference in science performance between students with a more advantaged PISA index of economic, social and cultural status and students with a less advantaged PISA index of economic, social and cultural status					
				PISA 2006		PISA 2003		PISA 2000	
		Ratio	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	**2.0**	(0.08)	**88**	(3.3)	**102**	(4.4)	**95**	(5.8)
	Austria	**2.3**	(0.17)	**97**	(7.1)	**107**	(5.5)	**93**	(7.2)
	Belgium	**2.6**	(0.13)	**110**	(5.2)	**133**	(5.2)	**123**	(7.1)
	Canada	**1.8**	(0.08)	**68**	(3.4)	**88**	(3.8)	**72**	(3.9)
	Czech Republic	**2.1**	(0.13)	**99**	(5.6)	**104**	(5.4)	**109**	(5.8)
	Denmark	**2.2**	(0.13)	**90**	(5.0)	**108**	(5.9)	**108**	(6.9)
	Finland	**1.7**	(0.11)	**63**	(3.5)	**74**	(3.9)	**61**	(5.5)
	France	**2.6**	(0.20)	**122**	(6.4)	**133**	(7.4)	**113**	(6.6)
	Germany	**2.6**	(0.14)	**111**	(5.5)	**139**	(5.4)	**126**	(7.0)
	Greece	**2.3**	(0.16)	**93**	(6.4)	**95**	(5.5)	**83**	(8.4)
	Hungary	**2.7**	(0.24)	**108**	(5.0)	**118**	(6.4)	**128**	(8.7)
	Iceland	**1.8**	(0.10)	**64**	(4.1)	**66**	(5.2)	**52**	(6.5)
	Ireland	**2.0**	(0.13)	**88**	(5.4)	**98**	(6.0)	**82**	(6.6)
	Italy	**2.0**	(0.09)	**76**	(4.4)	**104**	(6.2)	**78**	(7.0)
	Japan	**2.0**	(0.15)	**69**	(5.7)	**91**	(8.9)	m	m
	Korea	**1.7**	(0.11)	**64**	(7.0)	**85**	(7.9)	**59**	(6.4)
	Luxembourg	**3.0**	(0.17)	**119**	(3.7)	**116**	(4.4)	m	m
	Mexico	**2.1**	(0.13)	**87**	(4.8)	**86**	(6.2)	**79**	(7.0)
	Netherlands	**2.2**	(0.16)	**100**	(5.7)	**105**	(6.9)	m	m
	New Zealand	**2.2**	(0.14)	**109**	(4.8)	**112**	(4.3)	**108**	(6.3)
	Norway	**1.8**	(0.11)	**69**	(4.8)	**95**	(6.0)	**81**	(5.9)
	Poland	**2.0**	(0.10)	**86**	(4.4)	**110**	(5.3)	**93**	(9.5)
	Portugal	**2.2**	(0.13)	**93**	(5.3)	**94**	(5.9)	**84**	(7.5)
	Slovak Republic	**2.5**	(0.22)	**103**	(6.1)	**122**	(8.2)	a	a
	Spain	**2.1**	(0.12)	**87**	(4.3)	**93**	(5.6)	**96**	(6.7)
	Sweden	**1.9**	(0.12)	**77**	(4.6)	**99**	(6.1)	**75**	(5.4)
	Switzerland	**2.4**	(0.13)	**105**	(4.0)	**122**	(6.3)	**128**	(6.7)
	Turkey	**1.8**	(0.17)	**84**	(9.3)	**108**	(12.0)	a	a
	United Kingdom	**2.2**	(0.13)	**103**	(4.9)	m	m	m	m
	United States	**2.2**	(0.15)	**117**	(7.0)	**115**	(4.6)	**113**	(9.8)
	OECD total	**2.7**	(0.07)	**120**	(2.1)	**124**	(2.2)	**116**	(3.2)
	OECD average	**2.2**	(0.03)	**92**	(1.0)	**104**	(1.2)	**93**	(1.4)
Partners	Argentina	**2.2**	(0.22)	**117**	(7.8)	a	a	a	a
	Azerbaijan	**1.4**	(0.11)	**31**	(5.2)	a	a	a	a
	Brazil	**1.8**	(0.13)	**91**	(6.4)	**84**	(7.8)	**80**	(10.0)
	Bulgaria	**2.7**	(0.29)	**138**	(10.4)	a	a	a	a
	Chile	**2.4**	(0.19)	**116**	(5.9)	a	a	a	a
	Colombia	**1.6**	(0.18)	**73**	(5.4)	a	a	a	a
	Croatia	**2.1**	(0.13)	**78**	(4.9)	a	a	a	a
	Estonia	**1.7**	(0.11)	**66**	(4.5)	a	a	a	a
	Hong Kong-China	**1.8**	(0.14)	**62**	(6.4)	**60**	(6.0)	**68**	(7.3)
	Indonesia	**1.5**	(0.13)	**56**	(7.3)	**48**	(5.7)	**45**	(9.0)
	Israel	**2.0**	(0.13)	**99**	(6.2)	a	a	a	a
	Jordan	**1.8**	(0.11)	**79**	(5.6)	a	a	a	a
	Kyrgyzstan	**1.4**	(0.10)	**58**	(6.3)	a	a	a	a
	Latvia	**1.9**	(0.18)	**68**	(6.4)	**71**	(6.1)	**74**	(10.2)
	Liechtenstein	**2.6**	(0.50)	**117**	(13.5)	**134**	(14.2)	**109**	(20.8)
	Lithuania	**2.2**	(0.13)	**92**	(5.3)	a	a	a	a
	Macao-China	**1.4**	(0.10)	**25**	(3.8)	**28**	(7.2)	a	a
	Montenegro	**1.7**	(0.11)	**58**	(3.7)	a	a	a	a
	Qatar	m	m	m	m	a	a	a	a
	Romania	**2.3**	(0.26)	**85**	(9.7)	a	a	a	a
	Russian Federation	**1.8**	(0.12)	**69**	(5.5)	**77**	(4.8)	**71**	(7.1)
	Serbia	**2.0**	(0.14)	**79**	(4.6)	a	a	a	a
	Slovenia	**2.3**	(0.12)	**106**	(4.2)	a	a	a	a
	Chinese Taipei	**2.0**	(0.13)	**84**	(5.1)	a	a	a	a
	Thailand	**1.5**	(0.14)	**73**	(5.2)	**70**	(6.1)	**44**	(7.3)
	Tunisia	**1.4**	(0.12)	**64**	(7.4)	**57**	(8.4)	a	a
	Uruguay	**2.3**	(0.16)	**103**	(4.6)	**101**	(6.8)	a	a

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
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[Part 1/1]

Table 4.12 Parents' perceptions of school and student performance in science[1]

Tableau 4.12 Point de vue des parents sur la performance en sciences de leur enfant et sur l'établissement qu'il fréquente

		Score point difference between parents answering "strongly agree or agree" versus "disagree or strongly disagree" to the following statements:											
		Standards of achievement are high in my child's school				I am satisfied with the disciplinary atmosphere in my child's school				My child's school does a good job in educating students			
		Before accounting for ESCS[2]		After accounting for ESCS		Before accounting for ESCS		After accounting for ESCS		Before accounting for ESCS		After accounting for ESCS	
		Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Denmark	**18.0**	(4.80)	**18.6**	(4.54)	**15.4**	(5.12)	**12.2**	(4.75)	**29.7**	(5.01)	**25.0**	(4.75)
	Germany	**30.5**	(3.94)	**30.3**	(3.64)	**20.8**	(4.07)	**19.4**	(3.63)	**14.9**	(3.90)	**18.1**	(3.74)
	Iceland	**9.0**	(4.23)	**10.3**	(3.90)	**12.5**	(4.85)	7.9	(4.71)	**24.1**	(5.46)	**21.7**	(5.13)
	Italy	**24.0**	(3.68)	**22.6**	(3.50)	**8.2**	(3.74)	**8.5**	(3.47)	7.3	(4.03)	**11.6**	(3.84)
	Korea	**30.2**	(5.14)	**26.0**	(4.34)	**11.5**	(4.11)	**10.7**	(3.55)	**10.4**	(4.33)	**9.8**	(3.79)
	Luxembourg	**26.0**	(3.65)	**23.6**	(3.65)	**11.1**	(4.20)	**14.8**	(4.09)	**9.7**	(3.97)	**16.7**	(3.63)
	New Zealand	**13.9**	(5.52)	**13.1**	(5.12)	**24.7**	(4.33)	**19.3**	(3.97)	**32.3**	(6.79)	**27.1**	(6.44)
	Poland	4.9	(4.02)	5.9	(3.79)	2.2	(3.34)	3.5	(2.93)	-6.2	(4.41)	2.4	(4.29)
	Portugal	**16.9**	(4.00)	**10.6**	(3.64)	5.6	(4.20)	**9.7**	(3.83)	-5.0	(5.54)	5.5	(5.14)
	Turkey	**24.4**	(4.31)	**24.3**	(3.74)	6.2	(4.32)	5.1	(3.76)	6.7	(4.48)	**11.2**	(4.17)
Partners	Bulgaria	**14.9**	(7.30)	10.6	(5.85)	-6.9	(4.94)	-2.2	(4.26)	-3.4	(8.99)	3.1	(7.82)
	Colombia	**15.0**	(5.79)	10.2	(5.29)	0.8	(4.57)	0.8	(4.06)	-6.8	(6.52)	-6.1	(6.03)
	Croatia	**43.3**	(3.26)	**33.9**	(2.87)	**10.9**	(3.66)	**10.9**	(3.46)	7.8	(4.40)	**10.0**	(4.18)
	Hong Kong-China	**48.0**	(4.04)	**41.0**	(3.52)	**48.8**	(5.60)	**46.6**	(5.42)	**26.3**	(3.68)	**25.1**	(3.37)
	Macao-China	**17.5**	(2.64)	**15.4**	(2.72)	**14.0**	(3.62)	**13.0**	(3.59)	**12.3**	(3.85)	**11.0**	(3.80)
	Qatar	5.7	(3.14)	5.7	(3.24)	1.1	(3.62)	0.7	(3.70)	**11.1**	(4.20)	**10.1**	(4.17)

Note: Values that are statistically signifcant are indicated in bold (see Annex A3).
1. Results based on reports from parents.
2. ESCS: PISA index of economic, social and cultural status.
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[Part 1/1]

Table 4.13 Parents' perceptions of school[1]

Tableau 4.13 Point de vue des parents sur l'établissement que leur enfant fréquente

		Percentage of parents strongly agreeing or agreeing with the following statements:						
		Most of my child's school teachers seem competent and dedicated	Standards of achievement are high in my child's school	I am happy with the content taught and the instructional methods used in my child's school	I am satisfied with the disciplinary atmosphere in my child's school	My child's progress is carefully monitored by the school	My child's school provides regular and useful information on my child's progress	My child's school does a good job in educating students
OECD	Denmark	87.8	77.3	77.3	74.3	71.6	68.4	78.0
	Germany	79.7	71.4	71.2	73.8	61.4	46.2	76.2
	Iceland	85.9	72.4	78.3	76.2	81.6	81.2	82.6
	Italy	91.2	80.1	85.8	80.9	84.6	83.2	92.1
	Korea	83.3	71.5	76.8	78.4	66.1	62.7	79.4
	Luxembourg	84.5	76.6	75.4	82.9	71.7	58.1	83.5
	New Zealand	93.4	87.1	86.5	82.7	85.3	82.3	91.2
	Poland	90.1	88.4	83.8	79.9	82.4	92.7	90.0
	Portugal	93.8	76.1	86.6	80.4	83.6	83.4	89.1
	Turkey	86.7	72.9	73.4	81.9	63.8	66.9	85.0
Partners	Bulgaria	95.4	87.2	90.6	80.3	83.5	84.8	94.3
	Colombia	94.4	86.2	92.6	82.7	93.4	92.5	95.8
	Croatia	92.2	65.8	85.0	82.2	78.0	83.8	91.7
	Hong Kong-China	89.7	53.8	82.1	88.5	75.3	57.1	78.8
	Macao-China	89.0	73.9	84.2	83.7	83.1	75.0	82.0
	Qatar	86.7	80.2	78.4	79.4	75.7	64.7	84.7

1. Results based on reports from parents.
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[Part 1/1]

Table 4.14 Parents' reports of child's past science activities and student performance in science[1]

Tableau 4.14 Performance des élèves en sciences selon le compte-rendu des parents sur les activités scientifiques antérieures de leur enfant

		Scores associated with parents answering "very often or regularly" versus "never or only sometimes" to the question: "Thinking back to when your child was about 10 years old, how often would your child have read books on scientific discoveries?"											
		Very often or regularly				Never or only sometimes				Difference in score before accounting for ESCS[2]		Difference in score after accounting for ESCS[2]	
		Mean score	S.E.	% of students	S.E.	Mean score	S.E.	% of students	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Denmark	557	(6.10)	9.8	(0.62)	508	(3.00)	90.2	(0.62)	**49.2**	(6.51)	**43.9**	(6.11)
	Germany	567	(6.04)	12.7	(0.63)	522	(3.50)	87.3	(0.63)	**44.7**	(5.27)	**33.2**	(5.55)
	Iceland	556	(7.25)	10.7	(0.63)	502	(1.84)	89.3	(0.63)	**53.7**	(7.51)	**46.8**	(7.40)
	Italy	517	(4.25)	12.5	(0.44)	477	(1.97)	87.5	(0.44)	**39.6**	(3.67)	**31.5**	(3.10)
	Korea	558	(5.50)	17.8	(0.77)	516	(3.13)	82.2	(0.77)	**42.0**	(4.69)	**31.6**	(3.64)
	Luxembourg	545	(3.86)	16.7	(0.57)	485	(1.44)	83.3	(0.57)	**60.0**	(4.12)	**43.7**	(4.06)
	New Zealand	601	(5.73)	12.5	(0.52)	544	(2.76)	87.5	(0.52)	**57.4**	(6.31)	**47.2**	(5.90)
	Poland	m	m	m	m	m	m	m	m	m	m	m	m
	Portugal	510	(6.07)	10.8	(0.52)	474	(3.01)	89.2	(0.52)	**36.4**	(6.19)	**24.3**	(5.64)
	Turkey	440	(6.61)	16.0	(0.63)	421	(3.66)	84.0	(0.63)	**18.6**	(5.26)	**11.5**	(4.31)
Partners	Bulgaria	478	(9.22)	11.3	(0.68)	429	(5.96)	88.7	(0.68)	**49.7**	(7.10)	**33.3**	(5.21)
	Colombia	392	(4.30)	24.9	(0.99)	388	(3.45)	75.1	(0.99)	3.9	(3.79)	1.6	(4.11)
	Croatia	540	(4.55)	11.3	(0.49)	490	(2.51)	88.7	(0.49)	**50.4**	(4.30)	**38.3**	(4.10)
	Hong Kong-China	581	(5.45)	9.2	(0.50)	541	(2.49)	90.8	(0.50)	**40.0**	(5.52)	**30.8**	(5.38)
	Macao-China	533	(5.56)	7.4	(0.41)	509	(1.15)	92.6	(0.41)	**23.8**	(5.82)	**20.3**	(5.81)
	Qatar	374	(3.87)	15.4	(0.57)	360	(1.37)	84.6	(0.57)	**13.5**	(4.12)	**11.7**	(4.32)

Note: Values that are statistically signifcant are indicated in bold (see Annex A3).
1. Results based on reports from parents.
2. ESCS: PISA index of economic, social and cultural status.
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[Part 1/1]

Table 5.1 School admittance policies[1]

Tableau 5.1 Politiques d'admission des établissements

		Percentage of students in schools where the principal reported the following statements as a "prerequisite" or a "high priority" for admittance at their school											
		Residence in a particular area		Students' academic records		Recommendations of feeder schools		Parents' endorsement of the instructional or religious philosophy of the school		Students' needs or desires for a special programme		Attendance of other family members at the school	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	41.5	(2.5)	9.3	(1.8)	18.2	(2.3)	27.5	(1.6)	24.6	(2.6)	41.9	(2.4)
	Austria	25.0	(2.9)	65.2	(2.1)	5.2	(1.6)	10.5	(2.3)	43.9	(3.8)	12.5	(2.6)
	Belgium	2.4	(1.1)	25.6	(2.5)	7.4	(1.9)	40.3	(3.3)	13.2	(2.5)	9.9	(1.8)
	Canada	77.6	(1.7)	10.4	(1.2)	22.2	(2.1)	15.2	(2.0)	36.9	(2.4)	26.4	(2.3)
	Czech Republic	21.0	(2.5)	42.2	(3.2)	3.1	(1.3)	10.8	(2.1)	10.3	(3.1)	4.3	(1.5)
	Denmark	55.5	(4.0)	3.9	(1.5)	8.7	(1.7)	19.5	(3.4)	16.6	(3.2)	24.2	(3.6)
	Finland	75.2	(3.7)	4.2	(1.9)	2.1	(1.2)	9.9	(2.7)	16.6	(3.5)	12.8	(3.0)
	France	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	64.8	(3.3)	38.8	(3.7)	37.8	(3.4)	10.6	(2.2)	21.5	(3.0)	17.4	(2.6)
	Greece	71.3	(3.3)	4.5	(1.7)	1.3	(0.8)	4.0	(1.4)	13.6	(2.5)	24.3	(3.4)
	Hungary	3.9	(1.3)	64.4	(3.8)	1.2	(0.8)	22.9	(3.8)	30.4	(3.5)	3.9	(1.7)
	Iceland	93.7	(0.1)	1.1	(0.0)	6.5	(0.2)	9.7	(0.1)	18.5	(0.2)	9.9	(0.1)
	Ireland	42.0	(4.1)	2.5	(1.2)	11.8	(2.6)	27.3	(3.2)	13.7	(2.9)	37.5	(3.6)
	Italy	11.3	(2.2)	7.1	(1.7)	6.6	(1.5)	10.2	(1.5)	33.2	(2.6)	11.3	(1.8)
	Japan	20.1	(3.1)	86.3	(2.5)	26.1	(3.4)	8.7	(2.3)	28.9	(3.7)	5.8	(1.9)
	Korea	22.6	(3.5)	59.1	(4.0)	11.4	(2.8)	3.6	(1.5)	15.3	(3.3)	0.7	(0.7)
	Luxembourg	42.3	(0.1)	41.6	(0.1)	7.8	(0.0)	7.3	(0.0)	11.2	(0.0)	40.8	(0.1)
	Mexico	9.9	(1.8)	38.1	(2.8)	8.7	(1.7)	5.9	(1.1)	12.2	(1.3)	10.5	(2.6)
	Netherlands	10.3	(2.2)	65.3	(3.9)	90.3	(2.3)	19.5	(3.3)	19.6	(3.1)	4.5	(1.4)
	New Zealand	49.3	(2.7)	9.3	(2.1)	15.8	(2.5)	19.2	(2.3)	19.0	(2.6)	30.7	(3.0)
	Norway	78.7	(2.8)	a	a	0.8	(0.6)	2.2	(1.0)	3.1	(1.3)	4.9	(1.7)
	Poland	81.8	(3.1)	13.5	(2.5)	6.1	(1.7)	5.7	(1.7)	4.7	(1.7)	5.0	(1.7)
	Portugal	56.8	(3.6)	6.7	(2.1)	1.2	(0.9)	10.2	(2.0)	41.4	(4.0)	31.5	(4.0)
	Slovak Republic	19.3	(3.0)	46.5	(2.6)	3.2	(1.4)	7.4	(1.8)	18.4	(3.4)	2.6	(1.2)
	Spain	67.9	(3.1)	3.0	(0.9)	2.4	(0.8)	13.8	(1.9)	13.0	(1.9)	47.6	(2.9)
	Sweden	57.3	(3.5)	1.9	(0.7)	0.5	(0.5)	3.2	(1.3)	10.2	(2.2)	12.0	(2.2)
	Switzerland	80.1	(2.0)	51.1	(2.5)	40.0	(2.7)	1.6	(0.5)	21.2	(2.7)	1.7	(0.8)
	Turkey	35.3	(3.7)	29.0	(3.5)	1.4	(0.9)	1.3	(0.9)	5.4	(1.9)	2.6	(1.4)
	United Kingdom	60.6	(3.2)	9.8	(1.3)	7.0	(1.6)	12.4	(1.9)	9.6	(1.9)	32.6	(2.9)
	United States	81.1	(3.2)	7.9	(1.9)	9.3	(2.1)	5.0	(1.5)	22.4	(3.7)	9.7	(2.2)
	OECD total	51.6	(1.1)	27.0	(0.9)	13.5	(0.7)	8.3	(0.5)	19.5	(1.3)	12.9	(0.8)
	OECD average	46.9	(0.5)	26.7	(0.5)	12.6	(0.3)	11.9	(0.4)	18.9	(0.5)	16.5	(0.4)
Partners	Argentina	9.9	(2.2)	7.1	(2.0)	9.7	(3.5)	16.3	(3.2)	20.4	(4.1)	27.0	(3.8)
	Azerbaijan	47.3	(4.1)	17.3	(3.1)	6.8	(2.1)	17.4	(3.2)	5.3	(1.8)	6.3	(2.1)
	Brazil	20.2	(2.4)	8.1	(1.6)	4.7	(1.2)	10.6	(1.9)	5.7	(1.3)	6.1	(1.3)
	Bulgaria	28.6	(3.6)	83.9	(2.7)	9.5	(2.9)	47.7	(4.2)	75.1	(3.7)	51.4	(4.5)
	Chile	6.8	(2.1)	33.0	(3.7)	7.5	(2.5)	12.5	(2.9)	12.3	(2.7)	16.2	(3.6)
	Colombia	15.4	(3.4)	19.8	(3.3)	11.3	(2.8)	19.0	(3.5)	20.3	(4.2)	5.3	(1.6)
	Croatia	1.6	(1.0)	90.6	(1.9)	2.6	(0.1)	0.7	(0.5)	7.7	(2.0)	1.3	(0.7)
	Estonia	41.6	(3.0)	44.3	(3.4)	9.4	(2.1)	9.2	(2.1)	9.2	(2.3)	9.9	(2.2)
	Hong Kong-China	5.1	(1.8)	82.7	(3.2)	20.5	(3.8)	13.2	(2.9)	7.0	(2.2)	16.9	(3.3)
	Indonesia	20.4	(3.4)	62.9	(4.4)	18.5	(3.2)	34.5	(3.6)	24.6	(2.8)	7.9	(1.8)
	Israel	38.9	(4.4)	35.5	(4.5)	19.2	(3.7)	32.8	(3.6)	26.2	(4.0)	12.2	(3.1)
	Jordan	64.8	(3.8)	26.9	(3.4)	13.9	(2.6)	12.2	(2.6)	16.0	(3.0)	13.4	(2.5)
	Kyrgyzstan	49.7	(3.7)	22.8	(3.2)	12.6	(2.7)	7.5	(1.9)	15.3	(2.5)	10.6	(2.5)
	Latvia	20.4	(2.9)	17.6	(2.4)	1.8	(1.1)	10.1	(2.4)	46.4	(4.2)	10.7	(2.1)
	Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c
	Lithuania	52.9	(3.7)	11.0	(2.3)	1.6	(0.8)	4.3	(1.9)	7.7	(2.0)	15.4	(2.5)
	Macao-China	1.8	(0.0)	66.4	(0.1)	58.9	(0.1)	11.6	(0.1)	10.9	(0.0)	25.0	(0.1)
	Montenegro	10.0	(0.2)	66.8	(0.2)	a	a	3.6	(0.0)	9.2	(0.0)	1.7	(0.0)
	Qatar	74.4	(0.1)	53.4	(0.1)	21.8	(0.1)	35.2	(0.1)	16.9	(0.1)	34.1	(0.1)
	Romania	12.3	(2.7)	61.6	(4.2)	9.3	(2.7)	12.0	(2.8)	47.6	(5.7)	6.9	(1.9)
	Russian Federation	41.2	(3.7)	10.9	(2.1)	8.0	(2.5)	17.0	(2.8)	18.8	(3.2)	12.8	(3.0)
	Serbia	8.5	(2.4)	91.3	(2.2)	7.0	(1.9)	7.7	(2.3)	70.7	(3.8)	10.4	(2.6)
	Slovenia	5.8	(0.5)	38.2	(0.2)	1.3	(0.0)	4.9	(0.1)	63.9	(0.3)	5.8	(0.2)
	Chinese Taipei	32.8	(3.1)	52.7	(3.1)	15.7	(2.8)	16.2	(2.3)	22.5	(3.0)	8.8	(1.8)
	Thailand	70.7	(3.2)	43.6	(4.0)	32.9	(3.5)	47.6	(4.0)	44.1	(3.5)	19.2	(2.8)
	Tunisia	83.4	(3.2)	23.7	(3.6)	14.5	(3.1)	3.3	(1.4)	26.6	(4.1)	12.3	(3.0)
	Uruguay	22.0	(2.3)	9.0	(1.7)	1.2	(0.6)	6.1	(1.2)	10.6	(2.3)	6.7	(1.2)

1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.

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[Part 1/2]

Table 5.2 Structural features of school systems

Tableau 5.2 Caractéristiques structurelles des systèmes d'éducation

		Number of school types or distinct educational programmes available to 15-year-olds	Proportion of 15-year-olds enrolled in programmes that give access to vocational studies at the next programme level or direct access to the labour market[1]	First age of selection in the education system	Proportion of repeaters in participating schools	
					Lower secondary education	Upper secondary education
OECD	Australia	1	1.2	16.0	0.2	0.5
	Austria	4	41.5	10.0	2.8	5.0
	Belgium	4	22.4	12.0	5.7	9.3
	Canada	1	0.0	16.0	4.1	4.1
	Czech Republic	5	15.6	11.0	0.6	2.1
	Denmark	1	0.0	16.0	0.1	0.1
	Finland	1	0.0	16.0	0.3	0.0
	France	w	w	w	w	w
	Germany	4	a	10.0	3.9	3.8
	Greece	2	13.7	15.0	2.4	2.9
	Hungary	3	17.8	11.0	1.2	3.5
	Iceland	1	0.1	16.0	0.4	0.0
	Ireland	4	22.5	15.0	0.2	2.1
	Italy	3	2.2	14.0	1.9	8.1
	Japan	2	26.1	15.0	0.0	0.0
	Korea	3	23.2	14.0	0.0	0.0
	Luxembourg	4	5.5	13.0	7.6	9.8
	Mexico	3	5.1	12.0	2.2	3.0
	Netherlands	4	54.7	12.0	3.2	7.2
	New Zealand	1	0.0	16.0	0.1	1.4
	Norway	1	0.0	16.0	0.0	0.0
	Poland	1	m	16.0	2.2	2.8
	Portugal	3	14.0	15.0	12.8	16.9
	Slovak Republic	5	10.8	11.0	0.9	1.2
	Spain	1	0.0	16.0	16.0	15.8
	Sweden	1	0.0	16.0	0.3	1.1
	Switzerland	4	6.2	12.0	2.3	4.4
	Turkey	3	m	11.0	1.5	2.5
	United Kingdom	1	m	16.0	0.0	0.0
	United States	1	0.0	16.0	6.3	4.3
	OECD average	2.5	11.3	14.0	2.7	3.9
Partners	Argentina	3	1.0	12.0	15.0	12.9
	Azerbaijan	2	0.5	15.0	0.9	0.7
	Brazil	1	0.0	17.0	10.6	10.5
	Bulgaria	2	0.0	11.0	1.8	0.4
	Chile	2	0.0	13.0	4.7	7.5
	Colombia	2	0.0	15.0	4.1	2.2
	Croatia	3	26.2	14.0	0.0	2.2
	Estonia	1	1.8	15.0	3.9	1.1
	Hong Kong-China	3	0.0	15.0	2.9	3.1
	Indonesia	1	17.4	15.0	0.6	1.0
	Israel	2	18.3	15.0	0.0	0.0
	Jordan	1	0.0	16.0	4.1	0.9
	Kyrgyzstan	1	0.0	15.0	0.4	0.5
	Latvia	3	3.4	16.0	3.3	0.5
	Liechtenstein	3	0.0	11.0	c	c
	Lithuania	3	0.2	15.0	0.9	0.3
	Macao-China	2	1.3	12.0	11.1	5.9
	Montenegro	4	68.0	14.0	5.0	2.3
	Qatar	4	0.0	15.0	4.9	7.2
	Romania	3	23.4	14.0	1.9	0.5
	Russian Federation	3	4.9	14.5	0.8	0.3
	Serbia	1	75.7	14.0	2.4	3.1
	Slovenia	3	52.1	14.0	1.1	3.7
	Chinese Taipei	3	0.0	15.0	0.0	0.7
	Thailand	2	14.8	16.0	0.7	0.6
	Tunisia	1	0.0	16.0	19.8	18.2
	Uruguay	1	6.7	12.0	17.1	16.4

1. Based on the designation of the study programme (ISCED categories B and C).

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[Part 2/2]

Table 5.2 Structural features of school systems

Tableau 5.2 Caractéristiques structurelles des systèmes d'éducation

		Performance on the science scale				Variance expressed as a percentage of the average variance in student performance across OECD countries		
		Mean score	S.E.	Standard deviation	S.E.	Total variance in student performance	Total variance in student performance between schools	Existence of standards-based external examinations[2]
OECD	Australia	527	(2.3)	100	(1.0)	110	20	0.81
	Austria	511	(3.9)	98	(2.4)	106	60	0.00
	Belgium	510	(2.5)	100	(2.0)	109	57	0.00
	Canada	534	(2.0)	94	(1.1)	97	18	0.51
	Czech Republic	513	(3.5)	98	(2.0)	108	62	1.00
	Denmark	496	(3.1)	93	(1.4)	95	15	1.00
	Finland	563	(2.0)	86	(1.0)	81	5	1.00
	France	495	(3.4)	102	(2.1)	112	w	w
	Germany	516	(3.8)	100	(2.0)	110	66	0.35
	Greece	473	(3.2)	92	(2.0)	93	48	0.00
	Hungary	504	(2.7)	88	(1.6)	86	60	1.00
	Iceland	491	(1.6)	97	(1.2)	103	9	0.00
	Ireland	508	(3.2)	94	(1.5)	98	17	1.00
	Italy	475	(2.0)	96	(1.3)	100	52	1.00
	Japan	531	(3.4)	100	(2.0)	109	53	1.00
	Korea	522	(3.4)	90	(2.4)	90	32	1.00
	Luxembourg	486	(1.1)	97	(0.9)	104	30	1.00
	Mexico	410	(2.7)	81	(1.5)	72	25	0.00
	Netherlands	525	(2.7)	96	(1.6)	101	59	1.00
	New Zealand	530	(2.7)	107	(1.4)	125	20	1.00
	Norway	487	(3.1)	96	(2.0)	99	10	0.30
	Poland	498	(2.3)	90	(1.1)	89	12	1.00
	Portugal	474	(3.0)	89	(1.7)	87	28	0.00
	Slovak Republic	488	(2.6)	93	(1.8)	96	41	1.00
	Spain	488	(2.6)	91	(1.0)	90	13	0.00
	Sweden	503	(2.4)	94	(1.4)	96	11	0.00
	Switzerland	512	(3.2)	99	(1.7)	109	37	0.00
	Turkey	424	(3.8)	83	(3.2)	77	41	1.00
	United Kingdom	515	(2.3)	107	(1.5)	124	23	1.00
	United States	489	(4.2)	106	(1.7)	124	29	0.07
	OECD average	500	(0.5)	95	(0.3)	100	33	0.59
Partners	Argentina	391	(6.1)	101	(2.6)	113	53	0.00
	Azerbaijan	382	(2.8)	56	(1.9)	34	18	1.00
	Brazil	390	(2.8)	89	(1.9)	88	41	0.00
	Bulgaria	434	(6.1)	107	(3.2)	126	69	0.47
	Chile	438	(4.3)	92	(1.8)	94	53	0.00
	Colombia	388	(3.4)	85	(1.8)	80	25	0.00
	Croatia	493	(2.4)	86	(1.4)	82	34	0.00
	Estonia	531	(2.5)	84	(1.1)	78	16	1.00
	Hong Kong-China	542	(2.5)	92	(1.9)	93	34	1.00
	Indonesia	393	(5.7)	70	(3.3)	54	19	0.00
	Israel	454	(3.7)	111	(2.0)	137	44	1.00
	Jordan	422	(2.8)	90	(1.9)	89	20	1.00
	Kyrgyzstan	322	(2.9)	84	(2.0)	78	31	1.00
	Latvia	490	(3.0)	84	(1.3)	78	14	1.00
	Liechtenstein	522	(4.1)	97	(3.1)	c	c	1.00
	Lithuania	488	(2.8)	90	(1.6)	90	25	1.00
	Macao-China	511	(1.1)	78	(0.8)	68	19	0.00
	Montenegro	412	(1.1)	80	(0.9)	71	20	0.00
	Qatar	349	(0.9)	84	(0.8)	78	47	1.00
	Romania	418	(4.2)	81	(2.4)	73	35	0.00
	Russian Federation	479	(3.7)	90	(1.4)	89	24	1.00
	Serbia	436	(3.0)	85	(1.6)	80	34	0.26
	Slovenia	519	(1.1)	98	(1.0)	107	65	1.00
	Chinese Taipei	532	(3.6)	94	(1.6)	99	46	1.00
	Thailand	421	(2.1)	77	(1.5)	66	25	1.00
	Tunisia	386	(3.0)	82	(2.0)	75	32	0.00
	Uruguay	428	(2.7)	94	(1.8)	99	39	0.00

2. This column indicates the extent to which standards-based external examinations exist in the system. Where there is a value between 0 and 1, standards-based external examinations exist in some parts of the system concerned, but not throughout the system (*e.g.* regional variation or variation between different types of education programmes).

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[Part 1/1]

Table 5.3 Ability grouping and performance in science[1]

Tableau 5.3 Regroupement des élèves par aptitude et performances en sciences

		Percentage of students in schools where the principal reported that within the school (between and/or within classes) there was						Performance on the science scale							
		No ability grouping		Ability grouping for *some* subjects		Ability grouping for *all* subjects		*No* ability grouping or ability grouping for *some* subjects		Ability grouping for *all* subjects		Observed difference (Ability grouping for *all* subjects – *No* ability grouping or ability grouping for *some* subjects)		After accounting for the PISA index of economic, social and cultural status	
		% of students	S.E.	% of students	S.E.	% of students	S.E.	Mean	S.E.	Mean	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD	Australia	5.5	(1.1)	89.6	(1.7)	4.9	(1.3)	528	(2.3)	508	(12.9)	-19.9	(13.1)	-14.0	(11.8)
	Austria	56.0	(2.7)	39.9	(2.7)	4.1	(1.4)	512	(3.7)	491	(38.2)	-21.4	(37.8)	-15.9	(27.9)
	Belgium	56.3	(3.1)	21.6	(2.6)	22.2	(2.7)	513	(3.1)	502	(12.2)	-11.3	(13.9)	-6.8	(10.9)
	Canada	8.7	(1.2)	76.5	(2.0)	14.8	(1.7)	536	(2.2)	532	(5.9)	-3.9	(6.4)	1.1	(5.0)
	Czech Republic	34.5	(3.4)	53.7	(4.2)	11.8	(3.1)	514	(4.5)	494	(10.4)	-19.8	(12.5)	**-21.0**	(9.6)
	Denmark	17.9	(3.3)	74.9	(3.3)	7.2	(2.0)	497	(3.1)	492	(11.3)	-4.8	(11.1)	-5.0	(9.1)
	Finland	49.8	(3.9)	48.1	(3.8)	2.1	(1.1)	563	(2.1)	c	c	c	c	c	c
	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	58.0	(2.6)	31.4	(2.4)	10.5	(2.2)	519	(4.1)	490	(13.9)	**-29.1**	(14.8)	**-23.7**	(11.0)
	Greece	85.0	(2.9)	14.4	(2.8)	0.6	(0.6)	476	(3.9)	c	c	c	c	c	c
	Hungary	30.6	(3.6)	67.2	(3.4)	2.2	(1.2)	505	(3.2)	c	c	c	c	c	c
	Iceland	19.8	(0.2)	74.0	(0.2)	6.2	(0.1)	490	(1.7)	479	(6.6)	-11.5	(6.9)	-8.1	(6.6)
	Ireland	2.0	(1.1)	90.6	(2.3)	7.4	(2.0)	508	(3.5)	508	(12.8)	0.4	(13.5)	1.8	(9.2)
	Italy	53.1	(2.5)	25.1	(2.3)	21.8	(2.3)	479	(3.0)	465	(5.5)	**-14.2**	(7.0)	-10.4	(5.5)
	Japan	44.3	(3.5)	45.9	(3.7)	9.8	(2.5)	529	(3.6)	551	(10.3)	21.9	(11.2)	12.8	(9.4)
	Korea	11.5	(2.9)	81.6	(3.7)	6.8	(2.5)	521	(3.7)	532	(15.8)	10.2	(17.0)	15.2	(12.8)
	Luxembourg	26.8	(0.1)	27.0	(0.0)	46.1	(0.1)	493	(1.5)	478	(1.5)	**-15.3**	(2.2)	**-6.6**	(2.1)
	Mexico	28.1	(2.8)	42.7	(3.0)	29.3	(2.9)	414	(3.5)	404	(5.5)	-9.4	(6.8)	-4.6	(5.6)
	Netherlands	18.8	(2.8)	32.9	(3.7)	48.3	(4.0)	525	(7.2)	523	(5.9)	-1.4	(11.8)	-1.6	(8.8)
	New Zealand	3.2	(1.4)	91.0	(2.0)	5.8	(1.7)	531	(3.0)	541	(15.6)	9.9	(16.0)	3.8	(11.1)
	Norway	58.0	(4.2)	39.1	(4.0)	2.9	(1.2)	486	(3.3)	c	c	c	c	c	c
	Poland	52.5	(3.6)	44.2	(3.7)	3.3	(1.4)	497	(2.5)	514	(11.3)	16.9	(11.8)	11.5	(8.3)
	Portugal	47.4	(4.3)	38.9	(4.0)	13.7	(2.8)	479	(3.4)	447	(12.9)	**-31.3**	(14.2)	**-28.8**	(11.2)
	Slovak Republic	27.3	(3.4)	57.2	(4.1)	15.5	(3.0)	488	(3.3)	491	(12.4)	3.2	(14.1)	1.7	(9.9)
	Spain	28.6	(3.2)	56.2	(3.3)	15.2	(2.5)	487	(2.9)	497	(5.9)	10.8	(6.9)	7.2	(4.9)
	Sweden	24.5	(3.1)	70.0	(3.5)	5.5	(1.6)	504	(2.2)	484	(14.4)	-20.8	(14.2)	**-21.0**	(9.0)
	Switzerland	23.6	(2.5)	36.2	(3.2)	40.1	(2.7)	526	(4.4)	489	(3.7)	**-36.9**	(5.9)	**-30.4**	(4.8)
	Turkey	59.4	(4.4)	22.0	(3.6)	18.6	(3.2)	425	(5.0)	413	(9.7)	-11.7	(11.9)	-6.3	(9.4)
	United Kingdom	0.3	(0.1)	91.7	(1.9)	8.1	(1.9)	521	(2.3)	469	(18.2)	**-52.4**	(18.8)	**-37.6**	(15.4)
	United States	12.7	(2.8)	79.9	(3.4)	7.4	(2.2)	490	(3.4)	513	(14.8)	22.8	(15.3)	15.5	(9.3)
	OECD average	32.6	(0.5)	53.9	(0.6)	13.5	(0.4)	502	(0.6)	492	(2.7)	**-8.8**	(2.8)	**-6.9**	(2.1)
Partners	Argentina	37.5	(4.1)	40.1	(4.8)	22.4	(3.3)	402	(7.4)	365	(9.0)	**-36.6**	(11.2)	**-19.8**	(9.5)
	Azerbaijan	5.8	(1.9)	77.7	(3.9)	16.5	(3.6)	382	(3.1)	382	(7.0)	-0.2	(7.8)	-1.0	(7.4)
	Brazil	45.2	(2.7)	11.4	(2.1)	43.4	(2.6)	398	(3.7)	380	(5.2)	**-17.7**	(6.9)	**-11.8**	(5.1)
	Bulgaria	47.5	(4.3)	40.4	(4.3)	12.1	(2.7)	441	(7.3)	425	(17.4)	-16.3	(20.1)	-10.2	(13.0)
	Chile	36.0	(4.3)	44.7	(4.4)	19.3	(3.2)	445	(5.0)	430	(8.5)	-15.1	(10.1)	3.9	(7.6)
	Colombia	40.6	(5.3)	17.0	(3.4)	42.4	(5.4)	389	(4.9)	387	(6.3)	-1.7	(8.9)	-4.7	(7.3)
	Croatia	53.6	(3.7)	19.7	(3.1)	26.7	(3.3)	498	(3.3)	481	(7.2)	-17.0	(9.0)	-12.3	(7.4)
	Estonia	43.1	(3.6)	42.1	(3.6)	14.8	(2.5)	531	(2.9)	535	(6.4)	4.5	(7.3)	-0.6	(6.4)
	Hong Kong-China	31.8	(3.6)	50.8	(3.8)	17.3	(3.0)	542	(3.2)	542	(11.8)	-0.5	(13.6)	1.8	(11.8)
	Indonesia	25.1	(2.8)	10.6	(2.4)	64.3	(3.4)	396	(7.3)	393	(8.8)	-3.0	(11.9)	-5.3	(10.2)
	Israel	2.7	(1.4)	77.9	(3.6)	19.5	(3.7)	459	(5.1)	440	(9.9)	-18.8	(12.3)	-13.4	(10.0)
	Jordan	10.3	(2.4)	58.8	(3.7)	31.0	(3.1)	423	(3.6)	418	(5.7)	-4.6	(7.5)	-2.8	(6.3)
	Kyrgyzstan	33.0	(3.6)	52.0	(3.8)	15.0	(2.7)	320	(3.3)	333	(12.1)	13.0	(13.2)	10.5	(11.2)
	Latvia	49.9	(3.6)	33.0	(3.8)	17.1	(3.1)	490	(2.9)	489	(10.4)	-0.9	(11.0)	-4.9	(8.3)
	Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Lithuania	34.2	(3.8)	57.2	(3.9)	8.6	(2.2)	488	(2.9)	490	(13.2)	2.3	(13.8)	-5.2	(11.6)
	Macao-China	59.1	(0.1)	27.6	(0.1)	13.4	(0.1)	511	(0.9)	511	(5.3)	0.1	(5.5)	0.2	(5.3)
	Montenegro	31.3	(0.2)	7.2	(0.0)	61.5	(0.2)	430	(1.8)	400	(1.4)	**-29.4**	(2.3)	**-24.3**	(2.3)
	Qatar	24.8	(0.1)	24.7	(0.1)	50.5	(0.1)	347	(1.3)	354	(1.4)	**6.4**	(1.9)	**5.1**	(2.0)
	Romania	19.5	(3.8)	51.9	(5.1)	28.6	(4.0)	423	(5.8)	407	(10.3)	-15.3	(13.6)	-8.6	(10.4)
	Russian Federation	20.0	(3.5)	39.6	(4.0)	40.4	(3.7)	477	(4.4)	484	(5.8)	7.5	(6.7)	3.0	(5.9)
	Serbia	53.5	(3.9)	11.8	(2.6)	34.7	(3.7)	437	(4.8)	435	(5.7)	-2.6	(8.6)	-1.8	(7.0)
	Slovenia	57.0	(0.2)	39.5	(0.3)	3.5	(0.3)	522	(1.2)	437	(13.4)	**-85.3**	(13.6)	**-60.8**	(19.4)
	Chinese Taipei	55.1	(3.1)	36.7	(3.0)	8.2	(1.6)	531	(3.8)	553	(14.0)	21.8	(14.5)	11.3	(12.2)
	Thailand	7.5	(2.3)	42.4	(3.6)	50.2	(4.1)	426	(3.8)	416	(4.7)	-10.1	(7.2)	-4.9	(5.5)
	Tunisia	19.1	(3.2)	3.4	(1.6)	77.5	(3.4)	387	(8.8)	386	(4.0)	-1.0	(11.0)	0.3	(9.4)
	Uruguay	67.2	(2.8)	15.6	(2.4)	17.2	(2.2)	428	(3.7)	428	(9.2)	0.3	(11.3)	1.4	(7.6)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in school.
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[Part 1/3]

Table 5.4 Percentage of students and student performance on the science, reading and mathematics scales, by type of school[1]

Tableau 5.4 Pourcentage d'élèves et scores des élèves sur les échelles de culture scientifique, de compréhension de l'écrit et de culture mathématique, selon le type d'établissement

		Government or public schools[2]								Government-dependent private schools[3]							
				Performance on the science scale		Performance on the reading scale		Performance on the mathematics scale				Performance on the science scale		Performance on the reading scale		Performance on the mathematics scale	
		% of students	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	% of students	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD	Australia	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Austria	90.7	(2.2)	511	(3.9)	491	(3.7)	506	(3.8)	8.4	(2.2)	503	(19.8)	479	(24.3)	488	(17.3)
	Belgium	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Canada	93.0	(0.7)	532	(2.1)	524	(2.6)	524	(2.0)	4.3	(0.3)	578	(5.9)	578	(7.5)	582	(8.0)
	Czech Republic	96.2	(1.8)	514	(3.7)	482	(4.7)	510	(3.9)	3.5	(1.8)	492	(29.3)	481	(43.6)	487	(24.2)
	Denmark	76.1	(3.1)	492	(3.1)	493	(3.1)	511	(2.8)	22.8	(3.0)	507	(8.3)	499	(8.2)	521	(7.5)
	Finland	97.6	(1.1)	564	(2.0)	547	(2.2)	549	(2.3)	2.4	(1.1)	c	c	c	c	c	c
	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	94.3	(1.8)	514	(3.8)	494	(4.4)	502	(3.9)	5.5	(1.8)	555	(21.6)	535	(19.2)	544	(25.7)
	Greece	94.9	(1.2)	469	(3.2)	455	(4.1)	455	(2.9)	0.0	(0.0)	a	a	a	a	a	a
	Hungary	84.2	(3.4)	500	(4.0)	478	(4.5)	485	(4.3)	13.1	(3.1)	533	(17.5)	516	(16.7)	529	(17.9)
	Iceland	98.9	(0.1)	490	(1.6)	484	(1.9)	505	(1.7)	1.0	(0.1)	c	c	c	c	c	c
	Ireland	41.8	(1.4)	488	(5.3)	494	(5.2)	483	(4.9)	54.8	(2.0)	519	(3.9)	530	(4.5)	511	(3.2)
	Italy	96.4	(0.7)	476	(2.0)	469	(2.5)	462	(2.3)	1.2	(0.4)	c	c	c	c	c	c
	Japan	70.1	(1.4)	537	(3.6)	501	(4.2)	528	(3.2)	1.0	(1.0)	c	c	c	c	c	c
	Korea	53.7	(3.9)	524	(5.4)	554	(5.5)	549	(6.3)	31.5	(3.7)	505	(7.1)	543	(8.4)	527	(7.2)
	Luxembourg	85.6	(0.0)	490	(1.0)	481	(1.3)	495	(1.0)	14.4	(0.0)	465	(3.5)	470	(3.6)	460	(3.0)
	Mexico	89.7	(1.5)	402	(2.7)	402	(3.2)	398	(2.9)	0.0	(0.0)	c	c	c	c	c	c
	Netherlands	33.0	(4.3)	524	(10.1)	505	(9.6)	526	(9.2)	67.0	(4.3)	527	(4.1)	509	(4.4)	534	(3.7)
	New Zealand	95.5	(0.6)	527	(2.8)	518	(3.1)	519	(2.5)	0.0	(0.0)	a	a	a	a	a	a
	Norway	98.1	(0.9)	484	(3.2)	482	(3.3)	488	(2.7)	1.9	(0.9)	c	c	c	c	c	c
	Poland	98.4	(0.1)	497	(2.4)	507	(2.8)	495	(2.5)	1.0	(0.2)	c	c	c	c	c	c
	Portugal	91.1	(1.3)	471	(3.2)	469	(3.8)	463	(3.3)	6.9	(1.3)	484	(8.8)	470	(13.1)	479	(8.1)
	Slovak Republic	92.3	(1.9)	487	(2.9)	465	(3.5)	491	(3.1)	7.2	(1.8)	506	(12.9)	484	(18.9)	507	(12.2)
	Spain	65.3	(1.0)	475	(3.0)	446	(2.5)	466	(2.6)	24.6	(1.4)	503	(4.1)	482	(4.1)	495	(3.5)
	Sweden	91.7	(0.8)	501	(2.4)	504	(3.5)	501	(2.4)	8.3	(0.8)	531	(7.1)	539	(7.5)	522	(9.6)
	Switzerland	95.5	(0.6)	511	(3.1)	499	(3.1)	530	(3.2)	0.9	(0.4)	c	c	c	c	c	c
	Turkey	99.5	(0.5)	424	(3.9)	447	(4.3)	423	(5.0)	0.0	(0.0)	a	a	a	a	a	a
	United Kingdom	93.8	(1.0)	510	(2.4)	492	(2.5)	492	(2.2)	0.2	(0.1)	c	c	c	c	c	c
	United States	92.6	(1.2)	485	(4.2)	m	m	470	(4.0)	0.8	(0.8)	c	c	m	m	c	c
	OECD total	86.6	(0.5)	485	(1.3)	477	(1.1)	476	(1.3)	5.8	(0.4)	516	(3.2)	517	(3.6)	521	(3.4)
	OECD average	85.6	(0.3)	496	(0.7)	488	(0.8)	494	(0.7)	10.5	(0.3)	515	(3.6)	508	(4.5)	513	(3.5)
Partners	Argentina	67.5	(3.7)	364	(5.4)	342	(6.9)	354	(5.9)	24.8	(3.1)	441	(10.3)	430	(12.0)	430	(9.2)
	Azerbaijan	99.1	(0.4)	382	(2.7)	351	(3.0)	475	(2.3)	0.0	(0.0)	a	a	a	a	a	a
	Brazil	92.4	(1.4)	375	(2.7)	378	(3.8)	353	(2.8)	0.0	(0.0)	a	a	a	a	a	a
	Bulgaria	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Chile	46.9	(2.9)	409	(6.3)	412	(6.8)	385	(7.2)	44.9	(3.3)	447	(5.6)	453	(7.2)	418	(5.7)
	Colombia	82.7	(2.8)	379	(4.0)	378	(5.9)	361	(4.6)	5.1	(2.5)	431	(16.4)	440	(22.2)	415	(16.2)
	Croatia	98.6	(1.0)	494	(2.5)	478	(2.9)	467	(2.4)	0.6	(0.4)	c	c	c	c	c	c
	Estonia	98.1	(0.9)	531	(2.4)	500	(2.8)	514	(2.6)	1.4	(0.8)	c	c	c	c	c	c
	Hong Kong-China	7.5	(0.2)	570	(9.6)	562	(10.3)	575	(15.9)	90.7	(1.4)	541	(2.9)	535	(2.7)	546	(2.9)
	Indonesia	60.7	(3.6)	403	(7.2)	403	(6.8)	404	(7.6)	13.5	(3.0)	352	(6.1)	344	(5.1)	341	(6.5)
	Israel	73.4	(4.0)	449	(4.9)	435	(5.7)	438	(5.5)	20.3	(3.6)	471	(11.6)	457	(13.1)	461	(10.1)
	Jordan	80.6	(1.7)	410	(2.8)	390	(3.3)	373	(3.4)	1.3	(0.9)	c	c	c	c	c	c
	Kyrgyzstan	99.4	(0.4)	320	(3.1)	283	(3.7)	308	(3.6)	0.0	(0.0)	a	a	a	a	a	a
	Latvia	100.0	(0.0)	490	(3.0)	479	(3.7)	486	(3.0)	0.0	(0.0)	a	a	a	a	a	a
	Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Lithuania	99.3	(0.7)	487	(2.6)	469	(2.9)	485	(2.8)	0.7	(0.7)	c	c	c	c	c	c
	Macao-China	3.8	(0.0)	463	(4.6)	453	(4.5)	473	(5.2)	68.5	(0.1)	504	(1.4)	487	(1.4)	517	(1.7)
	Montenegro	99.8	(0.0)	412	(1.1)	393	(1.2)	400	(1.3)	0.0	(0.0)	a	a	a	a	a	a
	Qatar	91.1	(0.1)	338	(0.9)	301	(1.2)	304	(1.0)	0.1	(0.0)	c	c	c	c	c	c
	Romania	100.0	(0.0)	418	(4.2)	396	(4.7)	415	(4.2)	0.0	(0.0)	a	a	a	a	a	a
	Russian Federation	100.0	(0.0)	479	(3.7)	440	(4.3)	476	(3.9)	0.0	(0.0)	a	a	a	a	a	a
	Serbia	99.4	(0.7)	436	(3.1)	401	(3.5)	436	(3.6)	0.6	(0.7)	c	c	c	c	c	c
	Slovenia	97.7	(0.0)	517	(1.1)	493	(1.0)	503	(1.0)	2.3	(0.0)	c	c	c	c	c	c
	Chinese Taipei	65.0	(2.4)	549	(3.5)	509	(3.5)	567	(4.3)	0.0	(0.0)	a	a	a	a	a	a
	Thailand	83.5	(0.7)	422	(2.2)	417	(2.8)	418	(2.4)	6.1	(1.7)	389	(10.3)	385	(11.8)	379	(9.6)
	Tunisia	98.2	(1.0)	388	(3.0)	384	(4.1)	368	(4.0)	1.8	(1.0)	c	c	c	c	c	c
	Uruguay	84.9	(0.8)	416	(3.0)	397	(3.8)	414	(2.8)	0.0	(0.0)	a	a	a	a	a	a

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.
2. Schools which are directly controlled or managed by: i) a public education authority or agency, or ii) a government agency directly or a governing body, most of whose members are either appointed by a public authority or elected by public franchise.
3. Schools which receive 50% or more of their core funding - funding that supports the basic educational services of the institution - from government agencies.

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[Part 2/3]

Table 5.4 Percentage of students and student performance on the science, reading and mathematics scales, by type of school[1]

Tableau 5.4 Pourcentage d'élèves et scores des élèves sur les échelles de culture scientifique, de compréhension de l'écrit et de culture mathématique, selon le type d'établissement

		Government-independent private schools[4]								Difference in performance on the science scale between public and private schools (government-dependent and government-independent schools combined)	
				Performance on the science scale		Performance on the reading scale		Performance on the mathematics scale			
		% of students	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Dif. (Pub. - Priv.)	S.E.
OECD	Australia	w	w	w	w	w	w	w	w	w	w
	Austria	0.9	(0.6)	c	c	c	c	c	c	1	(19.5)
	Belgium	w	w	w	w	w	w	w	w	w	w
	Canada	2.7	(0.7)	c	c	c	c	c	c	**-44**	(5.2)
	Czech Republic	0.2	(0.2)	c	c	c	c	c	c	23	(27.7)
	Denmark	1.1	(0.8)	c	c	c	c	c	c	**-17**	(8.1)
	Finland	0.0	(0.0)	a	a	a	a	a	a	c	c
	France	w	w	w	w	w	w	w	w	w	w
	Germany	0.2	(0.2)	c	c	c	c	c	c	-40	(21.7)
	Greece	5.1	(1.2)	545	(6.0)	543	(7.9)	527	(9.0)	**-76**	(7.1)
	Hungary	2.7	(1.6)	c	c	c	c	c	c	**-34**	(16.8)
	Iceland	0.1	(0.1)	c	c	c	c	c	c	c	c
	Ireland	3.4	(1.5)	558	(10.9)	544	(12.6)	556	(11.2)	**-34**	(6.5)
	Italy	2.4	(0.6)	c	c	c	c	c	c	18	(18.3)
	Japan	28.9	(1.6)	526	(7.1)	498	(6.6)	518	(8.1)	13	(8.1)
	Korea	14.8	(2.5)	552	(8.7)	591	(9.3)	584	(10.4)	4	(8.8)
	Luxembourg	0.0	(0.0)	a	a	a	a	a	a	**25**	(3.6)
	Mexico	10.3	(1.5)	455	(9.6)	455	(9.1)	454	(9.6)	**-53**	(9.9)
	Netherlands	0.0	(0.0)	a	a	a	a	a	a	-3	(12.9)
	New Zealand	4.5	(0.6)	603	(6.4)	573	(9.6)	578	(9.4)	**-77**	(6.9)
	Norway	0.0	(0.0)	a	a	a	a	a	a	c	c
	Poland	0.6	(0.2)	c	c	c	c	c	c	c	c
	Portugal	2.1	(0.3)	c	c	c	c	c	c	**-24**	(9.8)
	Slovak Republic	0.5	(0.5)	c	c	c	c	c	c	-15	(13.4)
	Spain	10.1	(1.5)	537	(9.5)	505	(9.1)	527	(10.1)	**-38**	(4.2)
	Sweden	0.0	(0.0)	a	a	a	a	a	a	**-30**	(7.4)
	Switzerland	3.6	(0.4)	513	(13.4)	500	(10.2)	518	(9.0)	2	(16.3)
	Turkey	0.5	(0.5)	c	c	c	c	c	c	c	c
	United Kingdom	6.0	(1.0)	597	(8.7)	577	(9.3)	571	(7.5)	**-86**	(8.8)
	United States	6.6	(0.9)	554	(13.6)	m	m	534	(10.5)	**-63**	(13.9)
	OECD total	7.6	(0.4)	531	(5.3)	510	(4.6)	523	(4.8)	**-39**	(3.6)
	OECD average	4.1	(0.2)	544	(3.1)	532	(3.1)	537	(3.0)	**-25**	(2.8)
Partners	Argentina	7.7	(2.6)	447	(18.1)	435	(22.4)	437	(23.9)	**-78**	(9.4)
	Azerbaijan	0.9	(0.4)	c	c	c	c	c	c	c	c
	Brazil	7.6	(1.4)	482	(11.5)	482	(11.4)	462	(13.3)	**-107**	(11.9)
	Bulgaria	m	m	m	m	m	m	m	m	m	m
	Chile	8.2	(2.0)	514	(15.8)	513	(16.1)	483	(14.5)	**-48**	(8.1)
	Colombia	12.3	(2.2)	412	(9.2)	405	(10.1)	397	(11.1)	**-38**	(9.2)
	Croatia	0.7	(0.5)	c	c	c	c	c	c	c	c
	Estonia	0.6	(0.4)	c	c	c	c	c	c	c	c
	Hong Kong-China	1.9	(1.4)	c	c	c	c	c	c	**30**	(10.0)
	Indonesia	25.8	(2.9)	389	(6.0)	390	(6.3)	382	(5.6)	**26**	(8.3)
	Israel	6.3	(1.9)	475	(17.9)	454	(24.8)	463	(19.3)	-22	(11.6)
	Jordan	18.1	(1.5)	468	(5.4)	443	(8.7)	427	(6.7)	**-61**	(6.5)
	Kyrgyzstan	0.6	(0.4)	c	c	c	c	c	c	c	c
	Latvia	0.0	(0.0)	a	a	a	a	a	a	a	a
	Liechtenstein	c	c	c	c	c	c	c	c	c	c
	Lithuania	0.0	(0.0)	a	a	a	a	a	a	c	c
	Macao-China	27.6	(0.1)	535	(1.8)	511	(2.0)	553	(2.1)	**-49**	(4.5)
	Montenegro	0.2	c	c	c	c	c	c	c	c	c
	Qatar	8.8	(0.1)	434	(4.1)	412	(5.4)	420	(3.9)	**-96**	(4.2)
	Romania	0.0	a	a	a	a	a	a	a	a	a
	Russian Federation	0.0	a	a	a	a	a	a	a	a	a
	Serbia	0.0	a	a	a	a	a	a	a	c	c
	Slovenia	0.1	c	c	c	c	c	c	c	c	c
	Chinese Taipei	35.0	(2.4)	501	(7.2)	472	(6.6)	516	(8.3)	**48**	(8.7)
	Thailand	10.5	(1.7)	433	(8.4)	432	(9.2)	429	(10.9)	5	(6.8)
	Tunisia	0.0	a	a	a	a	a	a	a	c	c
	Uruguay	15.1	(0.8)	496	(5.6)	495	(7.1)	495	(5.9)	**-80**	(6.4)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.
4. Schools which receive less than 50% of their core funding – funding that supports the basic educational services of the institution – from government agencies.
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[Part 3/3]

Table 5.4 Percentage of students and student performance on the science, reading and mathematics scales, by type of school[1]

Tableau 5.4 Pourcentage d'élèves et scores des élèves sur les échelles de culture scientifique, de compréhension de l'écrit et de culture mathématique, selon le type d'établissement

		PISA index of economic, social and cultural status						Difference in performance on the science scales between public and private schools after accounting for the PISA index of economic, social and cultural status of:			
		Public schools		Private schools (government-dependent and government-independent)		Difference		Students		Students and schools	
		Mean index	S.E	Mean index	S.E.	Dif. (Pub. - Priv.)	S.E	Dif. (Pub. - Priv.)	S.E	Dif. (Pub. - Priv.)	S.E
OECD	Australia	w	w	w	w	w	w	w	w	w	w
	Austria	0.18	(0.02)	0.32	(0.16)	-0.14	(0.16)	8	(13.9)	19	(10.2)
	Belgium	w	w	w	w	w	w	w	w	w	w
	Canada	0.34	(0.02)	0.86	(0.06)	**-0.52**	(0.06)	**-26**	(4.2)	**-10**	(4.3)
	Czech Republic	0.02	(0.02)	0.14	(0.19)	-0.13	(0.18)	30	(18.9)	**41**	(7.7)
	Denmark	0.23	(0.03)	0.48	(0.06)	**-0.25**	(0.07)	-8	(6.5)	-1	(6.7)
	Finland	0.25	(0.02)	c	c	c	c	c	c	c	c
	France	w	w	w	w	w	w	w	w	w	w
	Germany	0.26	(0.03)	0.64	(0.09)	**-0.38**	(0.10)	-20	(19.6)	12	(18.3)
	Greece	-0.22	(0.03)	1.11	(0.11)	**-1.33**	(0.12)	**-30**	(6.7)	**39**	(12.1)
	Hungary	-0.16	(0.04)	0.35	(0.13)	**-0.51**	(0.15)	-12	(12.7)	15	(10.0)
	Iceland	0.77	(0.01)	c	c	c	c	c	c	c	c
	Ireland	-0.24	(0.04)	0.13	(0.04)	**-0.37**	(0.06)	**-20**	(5.2)	-7	(4.8)
	Italy	-0.08	(0.02)	0.14	(0.17)	-0.22	(0.17)	24	(15.1)	**38**	(14.1)
	Japan	-0.09	(0.02)	0.18	(0.04)	**-0.27**	(0.04)	**26**	(7.2)	**58**	(6.9)
	Korea	0.02	(0.04)	-0.04	(0.04)	0.06	(0.07)	2	(7.3)	-1	(6.2)
	Luxembourg	0.11	(0.01)	-0.03	(0.04)	**0.13**	(0.04)	**20**	(3.5)	**13**	(3.4)
	Mexico	-1.20	(0.04)	0.31	(0.14)	**-1.52**	(0.16)	**-17**	(6.9)	**21**	(6.3)
	Netherlands	0.28	(0.08)	0.24	(0.03)	0.04	(0.09)	-4	(9.2)	-7	(5.7)
	New Zealand	0.07	(0.02)	0.76	(0.10)	**-0.70**	(0.10)	**-39**	(4.7)	-10	(6.9)
	Norway	0.41	(0.02)	c	c	c	c	c	c	c	c
	Poland	-0.32	(0.02)	c	c	c	c	c	c	c	c
	Portugal	-0.67	(0.05)	-0.38	(0.09)	**-0.29**	(0.10)	-16	(8.7)	-9	(8.7)
	Slovak Republic	-0.18	(0.03)	0.19	(0.10)	**-0.36**	(0.10)	2	(10.8)	18	(9.6)
	Spain	-0.57	(0.04)	0.15	(0.06)	**-0.72**	(0.06)	**-16**	(3.5)	-5	(4.3)
	Sweden	0.21	(0.02)	0.51	(0.06)	**-0.30**	(0.06)	**-17**	(6.9)	-9	(7.0)
	Switzerland	0.06	(0.02)	0.60	(0.11)	**-0.54**	(0.11)	26	(16.3)	**63**	(19.2)
	Turkey	-1.30	(0.04)	c	c	c	c	c	c	c	c
	United Kingdom	0.15	(0.02)	0.85	(0.10)	**-0.70**	(0.10)	**-51**	(7.4)	-16	(10.0)
	United States	0.08	(0.04)	0.80	(0.12)	**-0.72**	(0.12)	**-28**	(9.7)	0	(8.8)
	OECD total	-0.18	(0.01)	0.31	(0.03)	**-0.49**	(0.03)	**-17**	(2.9)	-3	(2.7)
	OECD average	-0.06	(0.01)	0.38	(0.02)	**-0.44**	(0.02)	**-8**	(2.2)	**12**	(2.0)
Partners	Argentina	-0.98	(0.05)	0.01	(0.10)	**-0.99**	(0.11)	**-48**	(9.1)	-11	(11.1)
	Azerbaijan	-0.46	(0.03)	c	c	c	c	c	c	c	c
	Brazil	-1.35	(0.03)	0.28	(0.09)	**-1.63**	(0.09)	**-77**	(11.4)	**-35**	(12.6)
	Bulgaria	m	m	m	m	m	m	m	m	m	m
	Chile	-1.17	(0.08)	-0.40	(0.08)	**-0.77**	(0.11)	**-21**	(6.7)	-2	(6.8)
	Colombia	-1.21	(0.07)	-0.20	(0.14)	**-1.00**	(0.16)	**-19**	(9.5)	1	(12.0)
	Croatia	-0.12	(0.01)	c	c	c	c	c	c	c	c
	Estonia	0.13	(0.02)	c	c	c	c	c	c	c	c
	Hong Kong-China	-0.46	(0.17)	-0.69	(0.03)	0.23	(0.18)	**23**	(6.3)	12	(6.4)
	Indonesia	-1.41	(0.06)	-1.71	(0.07)	**0.30**	(0.09)	**21**	(7.3)	12	(6.3)
	Israel	0.19	(0.03)	0.31	(0.06)	-0.12	(0.08)	-19	(9.9)	-14	(9.5)
	Jordan	-0.71	(0.04)	-0.02	(0.07)	**-0.69**	(0.08)	**-45**	(5.3)	**-34**	(5.7)
	Kyrgyzstan	-0.68	(0.02)	c	c	c	c	c	c	**c**	c
	Latvia	-0.02	(0.02)	a	a	a	a	a	a	a	a
	Liechtenstein	c	c	c	c	c	c	c	c	c	c
	Lithuania	0.03	(0.02)	c	c	c	c	c	c	c	c
	Macao-China	-1.50	(0.05)	-0.90	(0.01)	**-0.61**	(0.04)	**-42**	(4.6)	**-28**	(4.5)
	Montenegro	0.00	(0.01)	c	c	c	c	c	c	c	c
	Qatar	0.11	(0.01)	0.75	(0.03)	**-0.64**	(0.03)	**-90**	(4.4)	**-74**	(4.4)
	Romania	-0.37	(0.04)	a	a	a	a	a	a	a	a
	Russian Federation	-0.10	(0.03)	a	a	a	a	a	a	a	a
	Serbia	-0.13	(0.03)	c	c	c	c	c	c	c	c
	Slovenia	0.12	(0.01)	c	c	c	c	c	c	c	c
	Chinese Taipei	-0.31	(0.03)	-0.32	(0.06)	0.02	(0.07)	**47**	(6.2)	**46**	(4.3)
	Thailand	-1.49	(0.03)	-1.15	(0.11)	**-0.33**	(0.12)	**14**	(5.8)	**21**	(6.6)
	Tunisia	-1.20	(0.07)	c	c	c	c	c	c	c	c
	Uruguay	-0.74	(0.03)	0.77	(0.05)	**-1.50**	(0.06)	**-36**	(6.6)	**27**	(8.3)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.
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[Part 1/1]

Table 5.5 School choice[1]

Tableau 5.5 Choix de l'établissement

		Number of schools competing for students in the same area					
		Two or more other schools		One other school		No other schools	
		%	S.E.	%	S.E.	%	S.E.
OECD	Australia	88.4	(1.5)	5.2	(1.1)	6.4	(1.1)
	Austria	45.2	(3.7)	19.2	(3.1)	35.6	(3.4)
	Belgium	71.9	(2.9)	18.6	(2.8)	9.4	(2.0)
	Canada	58.8	(2.5)	18.5	(2.4)	22.7	(2.2)
	Czech Republic	73.9	(3.2)	12.1	(2.1)	14.1	(2.5)
	Denmark	59.2	(3.9)	18.2	(3.1)	22.6	(3.3)
	Finland	40.5	(4.2)	15.5	(2.9)	44.0	(3.7)
	France	w	w	w	w	w	w
	Germany	68.8	(3.3)	14.2	(2.2)	17.0	(2.6)
	Greece	44.8	(3.9)	14.9	(3.1)	40.3	(3.4)
	Hungary	59.7	(3.9)	15.9	(3.1)	24.4	(3.6)
	Iceland	22.8	(0.2)	5.0	(0.1)	72.2	(0.2)
	Ireland	73.8	(3.5)	9.8	(2.4)	16.4	(2.7)
	Italy	68.8	(2.6)	12.0	(1.7)	19.2	(2.5)
	Japan	82.0	(2.8)	7.6	(1.8)	10.4	(2.2)
	Korea	75.7	(3.6)	8.7	(2.2)	15.6	(3.0)
	Luxembourg	51.0	(0.1)	15.7	(0.0)	33.3	(0.1)
	Mexico	67.6	(2.7)	16.7	(2.8)	15.7	(2.0)
	Netherlands	74.2	(3.0)	15.3	(2.5)	10.5	(2.2)
	New Zealand	82.1	(2.7)	7.1	(2.0)	10.8	(2.0)
	Norway	21.8	(3.3)	12.4	(2.6)	65.9	(3.6)
	Poland	44.4	(3.1)	20.5	(3.3)	35.1	(3.5)
	Portugal	48.2	(4.3)	24.7	(3.7)	27.1	(3.9)
	Slovak Republic	85.0	(2.7)	6.4	(1.9)	8.6	(2.1)
	Spain	62.1	(2.6)	17.7	(2.2)	20.2	(2.2)
	Sweden	49.6	(3.6)	13.5	(2.5)	36.8	(3.7)
	Switzerland	27.5	(2.8)	14.1	(2.0)	58.4	(2.7)
	Turkey	52.7	(4.5)	15.6	(3.5)	31.7	(3.9)
	United Kingdom	83.7	(2.3)	8.7	(1.9)	7.6	(1.5)
	United States	63.6	(3.7)	10.5	(2.6)	25.9	(3.1)
	OECD total	66.3	(1.2)	12.6	(0.9)	21.1	(1.0)
	OECD average	60.3	(0.6)	13.6	(0.5)	26.1	(0.5)
Partners	Argentina	71.3	(4.0)	9.4	(2.4)	19.3	(3.5)
	Azerbaijan	48.0	(3.7)	26.6	(3.5)	25.4	(3.3)
	Brazil	28.4	(2.3)	38.8	(2.6)	32.8	(2.4)
	Bulgaria	67.4	(3.9)	17.4	(2.7)	15.2	(3.2)
	Chile	63.9	(3.6)	17.3	(3.4)	18.8	(3.3)
	Colombia	57.6	(5.9)	18.2	(3.9)	24.2	(5.0)
	Croatia	65.4	(4.1)	11.6	(2.2)	23.0	(3.5)
	Estonia	56.4	(2.8)	22.2	(2.6)	21.4	(2.6)
	Hong Kong-China	89.6	(2.5)	9.2	(2.4)	1.2	(0.9)
	Indonesia	90.0	(2.6)	4.8	(2.1)	5.2	(1.4)
	Israel	69.1	(3.8)	13.6	(3.4)	17.4	(3.2)
	Jordan	36.4	(3.9)	19.4	(3.0)	44.1	(3.9)
	Kyrgyzstan	47.6	(3.2)	17.3	(3.0)	35.1	(2.9)
	Latvia	80.7	(3.1)	15.2	(2.9)	4.1	(1.6)
	Liechtenstein	c	c	c	c	c	c
	Lithuania	42.1	(3.6)	30.4	(3.2)	27.5	(2.9)
	Macao-China	80.8	(0.1)	8.6	(0.1)	10.6	(0.1)
	Montenegro	73.6	(0.2)	24.9	(0.1)	1.5	(0.1)
	Qatar	27.7	(0.1)	15.7	(0.1)	56.6	(0.1)
	Romania	31.1	(4.5)	23.7	(4.0)	45.2	(5.4)
	Russian Federation	51.1	(4.8)	16.9	(2.6)	32.0	(4.3)
	Serbia	49.6	(4.4)	23.4	(3.8)	27.1	(3.6)
	Slovenia	40.2	(0.5)	12.2	(0.3)	47.6	(0.5)
	Chinese Taipei	80.9	(3.4)	12.7	(2.8)	6.4	(2.1)
	Thailand	65.8	(4.4)	22.5	(3.9)	11.7	(2.9)
	Tunisia	29.3	(4.5)	21.8	(3.7)	48.9	(5.1)
	Uruguay	34.5	(2.4)	13.5	(2.0)	52.0	(2.9)

1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.

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[Part 1/1]

Table 5.6 Parental expectations for high academic standards[1]

Tableau 5.6 Pressions parentales en faveur de performances scolaires élevées

		Parental expectations are characterised by pressure on the school to achieve high academic standards among students from					
		Many parents		A minority of parents		Very few parents	
		%	S.E.	%	S.E.	%	S.E.
OECD	Australia	37.0	(2.8)	52.8	(2.8)	10.2	(1.8)
	Austria	4.0	(1.5)	30.2	(3.3)	65.8	(3.4)
	Belgium	8.4	(1.8)	33.1	(2.8)	58.5	(2.9)
	Canada	31.9	(2.4)	50.2	(2.6)	17.9	(2.0)
	Czech Republic	28.0	(3.4)	60.3	(3.7)	11.7	(2.4)
	Denmark	25.7	(3.1)	40.8	(3.6)	33.4	(3.8)
	Finland	1.4	(1.0)	19.7	(3.4)	78.9	(3.4)
	France	w	w	w	w	w	w
	Germany	5.0	(1.6)	52.4	(3.5)	42.6	(3.3)
	Greece	15.2	(2.8)	20.7	(3.2)	64.1	(4.0)
	Hungary	29.1	(3.0)	49.0	(4.1)	21.9	(3.4)
	Iceland	13.4	(0.2)	37.8	(0.2)	48.8	(0.3)
	Ireland	42.5	(3.9)	47.1	(4.0)	10.4	(2.4)
	Italy	21.7	(2.1)	56.0	(3.0)	22.3	(2.4)
	Japan	39.2	(2.8)	49.3	(3.2)	11.5	(2.6)
	Korea	17.2	(3.0)	65.2	(3.8)	17.6	(2.9)
	Luxembourg	1.8	(0.0)	43.6	(0.1)	54.6	(0.1)
	Mexico	23.3	(2.0)	40.7	(2.5)	36.0	(3.0)
	Netherlands	8.7	(2.5)	45.8	(4.4)	45.5	(3.9)
	New Zealand	43.5	(3.4)	49.4	(3.3)	7.1	(1.7)
	Norway	8.8	(2.0)	52.1	(3.5)	39.1	(3.4)
	Poland	23.5	(3.0)	50.2	(4.0)	26.3	(3.8)
	Portugal	7.1	(2.0)	68.8	(3.7)	24.1	(3.4)
	Slovak Republic	14.4	(3.2)	63.0	(3.9)	22.6	(2.9)
	Spain	8.9	(1.7)	31.0	(2.5)	60.1	(3.0)
	Sweden	43.4	(3.8)	56.6	(3.8)	0.0	(0.0)
	Switzerland	10.2	(1.5)	53.1	(3.0)	36.7	(2.9)
	Turkey	14.2	(2.9)	46.8	(4.0)	39.0	(3.9)
	United Kingdom	37.8	(2.8)	50.6	(2.9)	11.7	(1.7)
	United States	35.5	(4.3)	48.5	(4.6)	16.0	(3.4)
	OECD total	26.5	(1.5)	48.7	(1.5)	24.8	(1.1)
	OECD average	20.7	(0.5)	47.1	(0.6)	32.2	(0.5)
Partners	Argentina	11.1	(2.6)	33.8	(4.4)	55.2	(4.4)
	Azerbaijan	17.6	(3.2)	49.3	(4.7)	33.1	(4.1)
	Brazil	21.1	(2.1)	49.2	(2.8)	29.7	(2.6)
	Bulgaria	22.8	(3.6)	55.5	(4.5)	21.7	(3.7)
	Chile	19.0	(2.9)	52.2	(4.5)	28.8	(4.0)
	Colombia	11.8	(5.0)	38.4	(4.9)	49.8	(4.5)
	Croatia	5.8	(1.6)	39.6	(3.7)	54.6	(3.7)
	Estonia	24.2	(2.8)	52.3	(3.5)	23.5	(2.9)
	Hong Kong-China	3.2	(1.4)	73.4	(3.5)	23.4	(3.4)
	Indonesia	23.4	(3.8)	60.4	(4.9)	16.2	(2.7)
	Israel	33.3	(4.5)	38.2	(4.5)	28.5	(3.8)
	Jordan	23.1	(2.9)	52.2	(4.1)	24.7	(3.3)
	Kyrgyzstan	36.9	(3.6)	52.8	(4.0)	10.3	(2.4)
	Latvia	14.4	(2.8)	31.4	(3.7)	54.2	(3.8)
	Liechtenstein	c	c	c	c	c	c
	Lithuania	7.6	(2.2)	54.6	(4.0)	37.9	(3.7)
	Macao-China	1.6	(0.0)	54.4	(0.1)	44.0	(0.1)
	Montenegro	8.6	(0.1)	63.2	(0.1)	28.2	(0.1)
	Qatar	26.6	(0.1)	38.2	(0.1)	35.2	(0.1)
	Romania	11.6	(2.9)	27.4	(4.0)	61.1	(4.9)
	Russian Federation	14.4	(3.0)	61.6	(4.6)	24.1	(4.1)
	Serbia	2.0	(1.0)	53.1	(3.9)	45.0	(4.0)
	Slovenia	21.2	(0.4)	43.4	(0.6)	35.4	(0.5)
	Chinese Taipei	27.7	(3.1)	66.4	(3.2)	5.9	(1.5)
	Thailand	28.3	(2.8)	40.9	(3.9)	30.8	(3.5)
	Tunisia	5.8	(2.0)	37.1	(4.4)	57.1	(4.6)
	Uruguay	6.8	(1.2)	36.6	(3.1)	56.6	(3.0)

1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.

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[Part 1/3]

Table 5.7 Parents' perceptions of school quality[1]

Tableau 5.7 Qualité des établissements selon l'avis des parents

		Percentage of students whose parents agree or strongly agree with the following statements regarding the school their children attend:													
		Most of the teachers in the school seem competent and dedicated		Standards of achievement are high in the school		I am happy with the content taught and the instructional methods used in the school		I am satisfied with the disciplinary atmosphere in the school		My child's progress is carefully monitored by the school		The school provides regular and useful information on my child's progress		The school does a good job in educating students	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Denmark	87.8	(0.7)	77.3	(1.3)	77.3	(1.0)	74.3	(1.3)	71.6	(1.1)	68.4	(1.1)	78.0	(1.2)
OECD	Germany	79.7	(0.7)	71.4	(1.1)	71.2	(0.9)	73.8	(1.1)	61.4	(1.1)	46.2	(1.1)	76.2	(0.9)
OECD	Iceland	85.9	(0.6)	72.4	(0.9)	78.3	(0.8)	76.2	(0.7)	81.6	(0.7)	81.2	(0.7)	82.6	(0.7)
OECD	Italy	91.2	(0.3)	80.1	(0.5)	85.8	(0.5)	80.9	(0.6)	84.6	(0.5)	83.2	(0.6)	92.1	(0.4)
OECD	Korea	83.3	(0.7)	71.5	(1.1)	76.8	(0.8)	78.4	(0.8)	66.1	(1.0)	62.7	(0.9)	79.4	(0.8)
OECD	Luxembourg	84.5	(0.7)	76.6	(0.7)	75.4	(0.8)	82.9	(0.7)	71.7	(0.7)	58.1	(0.9)	83.5	(0.6)
OECD	New Zealand	93.4	(0.4)	87.1	(0.7)	86.5	(0.6)	82.7	(0.8)	85.3	(0.7)	82.3	(0.8)	91.2	(0.6)
OECD	Poland	90.1	(0.5)	88.4	(0.7)	83.8	(0.7)	79.9	(0.9)	82.4	(0.8)	92.7	(0.4)	90.0	(0.5)
OECD	Portugal	93.8	(0.4)	76.1	(0.9)	86.6	(0.7)	80.4	(1.0)	83.6	(0.7)	83.4	(0.8)	89.1	(0.7)
OECD	Turkey	86.7	(0.6)	72.9	(0.9)	73.4	(0.9)	81.9	(0.7)	63.8	(1.2)	66.9	(1.1)	85.0	(0.7)
Partners	Bulgaria	95.4	(0.4)	87.2	(0.8)	90.6	(0.6)	80.3	(0.9)	83.5	(0.8)	84.8	(0.8)	94.3	(0.4)
Partners	Colombia	94.4	(0.6)	86.2	(1.3)	92.6	(0.5)	82.7	(1.1)	93.4	(0.5)	92.5	(0.7)	95.8	(0.5)
Partners	Croatia	92.2	(0.4)	65.8	(1.0)	85.0	(0.6)	82.2	(0.7)	78.0	(0.8)	83.8	(0.6)	91.7	(0.5)
Partners	Hong Kong-China	89.7	(0.6)	53.8	(1.3)	82.1	(0.7)	88.5	(0.7)	75.3	(0.9)	57.1	(1.0)	78.8	(0.8)
Partners	Macao-China	89.0	(0.5)	73.9	(0.7)	84.2	(0.6)	83.7	(0.6)	83.1	(0.6)	75.0	(0.7)	82.0	(0.6)
Partners	Qatar	86.7	(0.5)	80.2	(0.6)	78.4	(0.7)	79.4	(0.7)	75.7	(0.6)	64.7	(0.7)	84.7	(0.7)
	Country average	89.0	(0.1)	76.3	(0.2)	81.8	(0.2)	80.5	(0.2)	77.6	(0.2)	73.9	(0.2)	85.9	(0.2)

		Performance on the science scale by parents' agreement with "most of the teachers in the school seem competent and dedicated"						Performance on the science scale by parents' agreement with "standards of achievement are high in the school"					
		Strongly agree or agree		Disagree or strongly disagree		Difference in science performance between "strongly agree or agree" and "disagree or strongly disagree"		Strongly agree or agree		Disagree or strongly disagree		Difference in science performance between "strongly agree or agree" and "disagree or strongly disagree"	
		Mean score	S.E.	Mean score	S.E.	Dif. (agree - disagree)	S.E.	Mean score	S.E.	Mean score	S.E.	Dif. (agree - disagree)	S.E.
OECD	Denmark	516	(2.9)	486	(5.3)	**30.3**	(5.6)	517	(2.9)	499	(4.6)	**18.0**	(4.8)
OECD	Germany	530	(3.7)	524	(4.6)	5.7	(4.2)	537	(3.5)	507	(4.6)	**30.5**	(3.9)
OECD	Iceland	512	(1.8)	485	(5.1)	**26.6**	(5.1)	510	(2.2)	501	(3.5)	**9.0**	(4.2)
OECD	Italy	481	(2.1)	483	(4.4)	-1.7	(4.1)	486	(2.2)	462	(3.5)	**24.0**	(3.7)
OECD	Korea	523	(3.6)	523	(3.9)	**-0.3**	(4.3)	532	(3.7)	502	(4.4)	**30.2**	(5.1)
OECD	Luxembourg	496	(1.6)	493	(4.3)	2.5	(4.8)	501	(1.7)	475	(3.1)	**26.0**	(3.6)
OECD	New Zealand	553	(2.6)	530	(7.0)	**22.7**	(7.3)	553	(2.8)	539	(4.9)	**13.9**	(5.5)
OECD	Poland	500	(2.4)	507	(4.2)	-6.5	(4.0)	502	(2.4)	498	(4.2)	4.9	(4.0)
OECD	Portugal	477	(2.9)	479	(6.8)	-1.2	(6.7)	482	(3.1)	465	(3.8)	**16.9**	(4.0)
OECD	Turkey	424	(3.6)	427	(7.2)	-3.3	(5.5)	431	(4.6)	407	(3.3)	**24.4**	(4.3)
Partners	Bulgaria	433	(6.2)	436	(10.0)	-2.6	(9.2)	435	(6.5)	420	(7.3)	**14.9**	(7.3)
Partners	Colombia	388	(3.4)	396	(6.8)	-8.2	(6.8)	391	(3.4)	376	(5.8)	**15.0**	(5.8)
Partners	Croatia	495	(2.5)	502	(5.3)	-7.2	(4.9)	510	(2.6)	467	(3.1)	**43.3**	(3.3)
Partners	Hong Kong-China	547	(2.5)	519	(4.8)	**28.1**	(4.8)	567	(3.4)	519	(2.7)	**48.0**	(4.0)
Partners	Macao-China	513	(1.3)	496	(3.5)	**16.7**	(3.9)	515	(1.3)	498	(2.2)	**17.5**	(2.6)
Partners	Qatar	362	(1.3)	360	(3.8)	1.8	(4.1)	363	(1.5)	357	(2.7)	5.7	(3.1)
	Country average	484	(0.8)	478	(1.4)	**6.4**	(1.4)	490	(0.8)	468	(1.0)	**21.4**	(1.1)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on reports from parents of the students who were assessed and reported proportionate to the number of 15-year-olds enrolled in the school.
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[Part 2/3]

Table 5.7 Parents' perceptions of school quality[1]

Tableau 5.7 Qualité des établissements selon l'avis des parents

		Performance on the science scale by parents' agreement with "I am happy with the content taught and the instructional methods used in the school"						Performance on the science scale by parents' agreement with "I am satisfied with the disciplinary atmosphere in the school"					
		Strongly agree or agree		Disagree or strongly disagree		Difference in science performance between "strongly agree or agree" and "disagree or strongly disagree"		Strongly agree or agree		Disagree or strongly disagree		Difference in science performance between "strongly agree or agree" and "disagree or strongly disagree"	
		Mean score	S.E.	Mean score	S.E.	Dif. (agree - disagree)	S.E.	Mean score	S.E.	Mean score	S.E.	Dif. (agree - disagree)	S.E.
OECD	Denmark	518	(3.0)	496	(4.3)	**21.8**	(4.6)	516	(3.2)	501	(4.3)	**15.4**	(5.1)
	Germany	529	(4.0)	525	(3.7)	4.0	(3.7)	534	(3.9)	513	(3.9)	**20.8**	(4.1)
	Iceland	510	(2.0)	498	(4.1)	**12.0**	(4.6)	510	(2.2)	498	(4.0)	**12.5**	(4.8)
	Italy	481	(2.1)	482	(4.2)	-0.8	(4.0)	483	(2.4)	475	(3.3)	**8.2**	(3.7)
	Korea	523	(3.6)	522	(3.7)	1.0	(3.5)	526	(3.6)	514	(3.9)	**11.5**	(4.1)
	Luxembourg	491	(1.7)	505	(2.8)	**-13.9**	(3.5)	497	(1.5)	486	(3.9)	**11.1**	(4.2)
	New Zealand	553	(2.7)	539	(5.1)	**14.0**	(5.6)	555	(2.7)	531	(4.2)	**24.7**	(4.3)
	Poland	500	(2.5)	509	(4.0)	**-9.2**	(4.1)	502	(2.4)	500	(3.5)	2.2	(3.3)
	Portugal	477	(3.1)	479	(4.5)	-1.3	(4.9)	479	(3.2)	473	(3.8)	5.6	(4.2)
	Turkey	421	(4.0)	434	(5.1)	**-12.6**	(4.4)	426	(4.0)	420	(5.0)	6.2	(4.3)
Partners	Bulgaria	431	(6.3)	456	(7.9)	**-25.3**	(7.3)	432	(6.6)	439	(5.9)	-6.9	(4.9)
	Colombia	387	(3.4)	404	(6.6)	**-16.2**	(6.9)	389	(3.6)	388	(4.2)	0.8	(4.6)
	Croatia	492	(2.7)	513	(3.7)	**-21.2**	(4.0)	497	(2.7)	486	(3.6)	**10.9**	(3.7)
	Hong Kong-China	548	(2.5)	527	(3.7)	**21.1**	(3.5)	550	(2.4)	501	(5.4)	**48.8**	(5.6)
	Macao-China	512	(1.3)	505	(2.8)	6.3	(3.3)	513	(1.3)	499	(3.2)	**14.0**	(3.6)
	Qatar	363	(1.6)	358	(3.1)	4.6	(3.8)	362	(1.4)	361	(3.2)	1.1	(3.6)
	Country average	484	(0.8)	485	(1.1)	-1.0	(1.2)	486	(0.8)	474	(1.0)	**11.7**	(1.1)

		Performance on the science scale by parents' agreement with "my child's progress is carefully monitored by the school"						Performance on the science scale by parents' agreement with "the school provides regular and useful information on my child's progress"					
		Strongly agree or agree		Disagree or strongly disagree		Difference in science performance between "strongly agree or agree" and "disagree or strongly disagree"		Strongly agree or agree		Disagree or strongly disagree		Difference in science performance between "strongly agree or agree" and "disagree or strongly disagree"	
		Mean score	S.E.	Mean score	S.E.	Dif. (agree - disagree)	S.E.	Mean score	S.E.	Mean score	S.E.	Dif. (agree - disagree)	S.E.
OECD	Denmark	517	(2.9)	501	(4.1)	**15.4**	(3.8)	518	(3.0)	500	(3.8)	**17.5**	(3.9)
	Germany	525	(4.2)	534	(4.0)	**-9.8**	(4.1)	515	(4.7)	541	(3.3)	**-26.1**	(4.1)
	Iceland	512	(1.9)	487	(4.7)	**25.7**	(5.1)	512	(2.1)	489	(4.3)	**23.3**	(4.9)
	Italy	481	(2.1)	481	(3.6)	0.6	(3.2)	479	(2.1)	492	(3.2)	**-13.5**	(2.7)
	Korea	525	(3.8)	520	(3.4)	4.2	(3.5)	521	(4.0)	526	(3.3)	-4.8	(3.5)
	Luxembourg	491	(1.9)	505	(2.6)	**-14.4**	(3.6)	483	(2.1)	512	(2.1)	**-28.4**	(3.2)
	New Zealand	554	(2.7)	532	(5.4)	**22.7**	(5.6)	554	(2.7)	537	(5.1)	**17.4**	(5.3)
	Poland	501	(2.3)	505	(4.0)	-3.4	(3.7)	501	(2.3)	508	(5.2)	-7.4	(4.8)
	Portugal	476	(3.0)	485	(4.0)	**-9.3**	(3.6)	473	(3.0)	500	(4.1)	**-27.1**	(4.1)
	Turkey	421	(4.0)	431	(4.6)	**-9.6**	(3.3)	419	(4.2)	436	(4.3)	**-16.6**	(3.6)
Partners	Bulgaria	427	(6.2)	465	(7.2)	**-37.8**	(5.7)	427	(6.1)	472	(9.1)	**-45.1**	(7.6)
	Colombia	390	(3.3)	382	(6.9)	7.7	(6.2)	388	(3.3)	400	(6.2)	-11.3	(6.0)
	Croatia	492	(2.7)	507	(3.4)	**-15.0**	(3.4)	493	(2.7)	508	(3.9)	**-14.7**	(3.9)
	Hong Kong-China	546	(2.6)	539	(3.8)	**7.7**	(3.8)	545	(3.1)	544	(2.6)	1.0	(3.1)
	Macao-China	511	(1.2)	508	(3.2)	3.4	(3.6)	510	(1.4)	513	(2.3)	-3.2	(2.9)
	Qatar	362	(1.5)	363	(3.1)	-0.8	(3.8)	359	(1.6)	368	(2.7)	**-8.6**	(3.4)
	Country average	483	(0.8)	484	(1.1)	-0.8	(1.1)	481	(0.8)	490	(1.1)	**-9.2**	(1.1)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on reports from parents of the students who were assessed and reported proportionate to the number of 15-year-olds enrolled in the school.
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[Part 3/3]

Table 5.7 Parents' perceptions of school quality[1]

Tableau 5.7 Qualité des établissements selon l'avis des parents

		Performance on the science scale by parents' agreement with "the school does a good job in educating students"					
		Strongly agree or agree		Disagree or strongly disagree		Difference in science performance between "strongly agree or agree" and "disagree or strongly disagree"	
		Mean score	S.E.	Mean score	S.E.	Dif. (agree – disagree)	S.E.
OECD	Denmark	519	(3.1)	489	(4.5)	**29.7**	(5.0)
	Germany	532	(3.7)	517	(4.4)	**14.9**	(3.9)
	Iceland	512	(2.0)	488	(5.0)	**24.1**	(5.5)
	Italy	482	(2.1)	474	(4.3)	7.3	(4.0)
	Korea	525	(3.6)	515	(4.2)	**10.4**	(4.3)
	Luxembourg	497	(1.5)	487	(3.7)	**9.7**	(4.0)
	New Zealand	554	(2.7)	522	(6.3)	**32.3**	(6.8)
	Poland	501	(2.3)	508	(4.9)	-6.2	(4.4)
	Portugal	477	(3.1)	482	(5.3)	-5.0	(5.5)
	Turkey	426	(4.0)	419	(5.0)	6.7	(4.5)
Partners	Bulgaria	433	(6.4)	437	(8.6)	-3.4	(9.0)
	Colombia	388	(3.4)	395	(6.4)	-6.8	(6.5)
	Croatia	496	(2.6)	488	(4.7)	7.8	(4.4)
	Hong Kong-China	550	(2.6)	524	(3.5)	**26.3**	(3.7)
	Macao-China	513	(1.3)	501	(3.3)	**12.3**	(3.9)
	Qatar	364	(1.5)	353	(3.7)	**11.1**	(4.2)
	Country average	486	(0.8)	475	(1.3)	**10.7**	(1.3)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on reports from parents of the students who were assessed and reported proportionate to the number of 15-year-olds enrolled in the school.
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[Part 1/1]

Table 5.8 Use of achievement data for accountability purposes[1]

Tableau 5.8 Usage des résultats scolaires aux fins de responsabilisation

		Percentage of students in schools where the principal reported that achievement data are									
		Posted publicly		Used in evaluation of the principal's performance		Used in evaluation of teachers' performance		Used in decisions about instructional resource allocation to the school		Tracked over time by an administrative authority	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	60.3	(2.6)	47.6	(3.1)	43.0	(3.0)	57.6	(3.0)	87.9	(2.1)
	Austria	7.9	(2.2)	22.0	(3.7)	26.3	(3.7)	19.5	(3.0)	60.4	(3.7)
	Belgium	5.0	(1.4)	6.7	(1.8)	14.5	(2.3)	23.4	(2.5)	56.3	(3.2)
	Canada	64.2	(2.7)	22.0	(2.3)	19.0	(2.0)	56.6	(2.5)	90.8	(1.1)
	Czech Republic	46.7	(4.2)	62.4	(4.2)	90.7	(2.0)	8.9	(2.8)	56.0	(4.1)
	Denmark	43.7	(3.6)	15.0	(2.8)	21.6	(3.2)	31.4	(3.8)	33.8	(3.4)
	Finland	4.5	(1.4)	3.0	(1.3)	13.8	(2.9)	7.3	(2.1)	54.2	(4.1)
	France	w	w	w	w	w	w	w	w	w	w
	Germany	14.2	(2.0)	19.5	(2.7)	28.5	(2.7)	26.0	(2.9)	55.2	(2.8)
	Greece	31.9	(3.9)	6.0	(2.0)	9.2	(2.5)	1.5	(0.9)	48.8	(4.1)
	Hungary	27.8	(3.4)	69.2	(3.9)	91.8	(2.5)	8.8	(2.5)	40.4	(3.8)
	Iceland	26.1	(0.2)	9.8	(0.2)	24.9	(0.2)	3.3	(0.1)	82.0	(0.2)
	Ireland	18.1	(2.9)	5.8	(1.9)	29.5	(3.9)	46.9	(4.2)	47.8	(4.3)
	Italy	33.2	(2.9)	20.6	(2.2)	24.6	(2.0)	53.5	(2.6)	21.7	(2.4)
	Japan	10.8	(2.7)	10.0	(2.3)	25.7	(3.7)	6.1	(1.9)	15.7	(2.5)
	Korea	16.5	(3.3)	23.1	(3.2)	34.4	(3.7)	30.1	(4.1)	51.8	(4.1)
	Luxembourg	51.8	(0.1)	a	a	4.8	(0.0)	7.1	(0.0)	80.1	(0.0)
	Mexico	37.8	(2.8)	36.8	(2.9)	82.7	(2.3)	18.2	(2.3)	91.4	(1.1)
	Netherlands	82.9	(3.0)	30.7	(3.6)	72.8	(3.5)	14.2	(2.7)	86.2	(2.6)
	New Zealand	66.9	(3.1)	38.3	(3.1)	46.7	(3.2)	69.3	(2.8)	91.8	(1.8)
	Norway	47.1	(3.4)	34.9	(3.6)	39.7	(3.7)	11.4	(2.4)	52.9	(4.1)
	Poland	42.6	(3.9)	78.3	(3.0)	88.6	(2.1)	12.2	(2.3)	77.9	(3.2)
	Portugal	33.1	(4.1)	14.0	(2.8)	39.5	(4.3)	57.2	(3.9)	69.4	(4.2)
	Slovak Republic	28.3	(3.2)	51.3	(3.6)	75.3	(3.4)	15.3	(2.9)	76.1	(3.8)
	Spain	11.4	(2.3)	13.7	(2.2)	41.8	(3.1)	43.1	(3.5)	64.4	(2.6)
	Sweden	66.6	(3.3)	39.7	(4.2)	48.7	(4.0)	45.9	(4.1)	83.4	(3.0)
	Switzerland	6.6	(1.3)	5.5	(1.4)	8.3	(1.3)	24.7	(2.8)	35.9	(2.3)
	Turkey	35.3	(4.0)	51.3	(4.1)	75.4	(3.5)	32.8	(3.6)	80.6	(3.3)
	United Kingdom	92.7	(1.6)	91.1	(1.5)	93.7	(1.3)	63.5	(3.8)	92.4	(1.5)
	United States	90.6	(1.9)	56.8	(3.6)	41.6	(3.6)	79.4	(3.2)	96.6	(1.1)
	OECD total	51.6	(1.0)	41.4	(1.2)	49.0	(1.2)	44.2	(1.2)	73.1	(0.7)
	OECD average	38.1	(0.5)	31.6	(0.6)	43.3	(0.5)	30.2	(0.5)	64.9	(0.6)
Partners	Argentina	5.9	(1.7)	19.2	(3.5)	53.8	(4.3)	31.0	(4.2)	50.1	(4.5)
	Azerbaijan	81.2	(3.3)	87.1	(2.9)	98.2	(1.2)	69.0	(4.3)	68.8	(4.4)
	Brazil	25.9	(2.8)	53.8	(2.7)	78.1	(2.3)	70.7	(2.6)	87.9	(1.5)
	Bulgaria	19.5	(3.3)	31.4	(4.0)	58.9	(4.2)	15.0	(3.2)	71.4	(3.8)
	Chile	37.8	(4.5)	39.4	(4.4)	56.2	(4.5)	86.5	(2.8)	78.9	(3.9)
	Colombia	34.8	(5.4)	41.4	(5.1)	72.8	(4.2)	66.0	(4.7)	80.0	(3.9)
	Croatia	32.5	(3.4)	24.4	(3.7)	39.1	(4.0)	11.0	(2.5)	83.0	(3.2)
	Estonia	50.7	(3.5)	57.1	(3.4)	86.0	(2.4)	18.7	(2.4)	88.4	(2.4)
	Hong Kong-China	56.3	(4.6)	28.2	(3.5)	63.4	(3.9)	51.2	(3.9)	61.7	(4.1)
	Indonesia	13.7	(2.6)	88.4	(2.3)	96.9	(1.6)	85.5	(2.6)	63.0	(3.3)
	Israel	36.1	(3.6)	73.6	(4.2)	93.6	(2.1)	72.5	(3.6)	70.9	(3.8)
	Jordan	28.6	(3.6)	47.6	(3.7)	82.5	(2.9)	52.5	(3.7)	80.5	(3.4)
	Kyrgyzstan	61.2	(3.6)	84.6	(2.9)	99.5	(0.4)	74.6	(3.0)	97.6	(1.0)
	Latvia	32.0	(3.8)	36.5	(4.3)	90.6	(2.1)	32.7	(3.8)	51.6	(4.0)
	Liechtenstein	c	c	c	c	c	c	c	c	c	c
	Lithuania	26.9	(3.1)	46.8	(4.1)	84.3	(2.8)	26.7	(3.2)	73.6	(3.0)
	Macao-China	10.3	(0.0)	4.3	(0.0)	41.1	(0.1)	30.8	(0.1)	50.2	(0.1)
	Montenegro	82.5	(0.1)	37.8	(0.2)	71.3	(0.2)	20.9	(0.1)	89.6	(0.1)
	Qatar	56.6	(0.1)	66.7	(0.1)	93.3	(0.1)	42.4	(0.2)	83.6	(0.1)
	Romania	68.6	(5.2)	89.1	(2.4)	97.1	(1.0)	77.5	(3.4)	70.3	(4.1)
	Russian Federation	75.3	(3.6)	88.8	(2.2)	100.0	(0.0)	66.2	(4.8)	100.0	(0.0)
	Serbia	52.9	(4.0)	38.4	(4.3)	66.1	(4.2)	14.0	(2.9)	65.7	(4.0)
	Slovenia	35.8	(0.3)	24.3	(0.3)	27.4	(0.3)	a	a	69.6	(0.4)
	Chinese Taipei	31.8	(3.5)	13.8	(2.3)	30.2	(2.5)	19.3	(2.8)	31.9	(3.1)
	Thailand	72.2	(3.7)	75.0	(3.6)	86.4	(3.0)	76.0	(3.2)	81.7	(2.9)
	Tunisia	18.4	(3.4)	68.7	(4.4)	82.4	(2.8)	63.9	(5.0)	81.6	(4.0)
	Uruguay	13.2	(2.2)	14.8	(2.2)	46.1	(3.3)	13.9	(2.0)	66.0	(2.6)

1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.

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[Part 1/1]

Table 5.9 School accountability to parents[1]

Tableau 5.9 Responsabilité des établissements à l'égard des parents

		Percentage of students in schools where the principal reported that the school provided information to parents on student performance relative to					
		Other students in the same school		Other students in other schools		National or regional benchmarks	
		%	S.E.	%	S.E.	%	S.E.
OECD	Australia	59.4	(2.5)	19.7	(2.2)	50.2	(2.6)
	Austria	28.5	(3.1)	10.3	(2.0)	8.8	(2.1)
	Belgium	35.1	(2.6)	0.8	(0.6)	14.1	(2.1)
	Canada	79.3	(1.5)	33.9	(2.6)	61.2	(2.4)
	Czech Republic	65.7	(3.6)	34.8	(3.1)	57.1	(3.1)
	Denmark	31.4	(3.9)	42.7	(4.1)	49.5	(3.8)
	Finland	15.4	(3.0)	16.2	(3.0)	47.1	(4.2)
	France	w	w	w	w	w	w
	Germany	67.8	(3.2)	27.4	(2.9)	31.4	(2.8)
	Greece	70.5	(3.6)	5.9	(1.9)	16.5	(2.8)
	Hungary	70.8	(3.9)	20.6	(3.4)	32.9	(3.9)
	Iceland	41.4	(0.2)	32.3	(0.2)	49.1	(0.2)
	Ireland	38.9	(3.7)	7.4	(2.1)	26.3	(3.8)
	Italy	18.8	(2.2)	8.2	(1.4)	19.7	(2.3)
	Japan	40.2	(3.4)	a	a	80.0	(3.3)
	Korea	84.1	(3.1)	42.0	(4.1)	78.0	(3.3)
	Luxembourg	78.3	(0.1)	13.2	(0.0)	13.2	(0.0)
	Mexico	87.7	(1.9)	38.7	(2.4)	36.2	(2.5)
	Netherlands	35.4	(3.8)	11.5	(2.6)	18.7	(3.3)
	New Zealand	49.9	(3.4)	36.8	(3.3)	74.2	(2.9)
	Norway	39.2	(3.5)	30.5	(3.5)	65.3	(3.9)
	Poland	78.7	(3.0)	45.6	(3.7)	78.6	(3.2)
	Portugal	47.3	(4.5)	3.5	(1.4)	31.8	(3.6)
	Slovak Republic	94.3	(1.7)	56.4	(3.9)	61.2	(3.5)
	Spain	50.0	(3.2)	9.7	(1.8)	10.7	(2.0)
	Sweden	12.0	(2.5)	23.3	(3.5)	94.4	(1.7)
	Switzerland	49.1	(3.1)	17.1	(2.1)	23.2	(1.9)
	Turkey	88.1	(3.2)	74.1	(3.7)	71.7	(3.7)
	United Kingdom	54.7	(3.2)	36.2	(3.1)	80.2	(2.6)
	United States	65.9	(4.2)	64.1	(4.5)	85.9	(3.1)
	OECD total	63.1	(1.4)	43.0	(1.7)	62.9	(1.1)
	OECD average	54.4	(0.6)	27.2	(0.5)	47.1	(0.5)
Partners	Argentina	65.0	(4.6)	21.6	(3.6)	66.5	(3.7)
	Azerbaijan	97.7	(1.5)	71.5	(3.5)	87.1	(2.8)
	Brazil	84.9	(2.0)	59.9	(2.8)	59.7	(2.9)
	Bulgaria	81.2	(3.2)	34.4	(4.1)	46.0	(4.9)
	Chile	73.0	(4.4)	47.9	(4.8)	89.2	(3.1)
	Colombia	87.9	(2.7)	24.9	(3.9)	91.8	(2.5)
	Croatia	60.0	(3.7)	22.7	(3.4)	a	a
	Estonia	40.6	(3.4)	21.1	(3.0)	62.9	(3.6)
	Hong Kong-China	85.6	(2.7)	5.8	(1.9)	14.7	(3.6)
	Indonesia	97.8	(1.5)	74.4	(3.3)	88.7	(2.4)
	Israel	55.1	(3.9)	23.7	(3.7)	31.7	(3.6)
	Jordan	91.0	(2.2)	38.2	(4.0)	40.8	(4.1)
	Kyrgyzstan	90.7	(2.2)	64.7	(3.4)	80.5	(3.0)
	Latvia	31.9	(3.3)	25.0	(3.6)	30.8	(4.1)
	Liechtenstein	c	c	c	c	c	c
	Lithuania	56.7	(3.9)	24.5	(3.5)	a	a
	Macao-China	38.9	(0.1)	4.0	(0.0)	1.5	(0.0)
	Montenegro	82.6	(0.1)	17.6	(0.2)	20.8	(0.2)
	Qatar	89.0	(0.1)	50.8	(0.1)	58.2	(0.1)
	Romania	94.8	(1.7)	67.3	(4.2)	74.1	(4.0)
	Russian Federation	90.6	(2.1)	61.0	(3.9)	74.4	(3.8)
	Serbia	92.1	(2.3)	28.1	(3.3)	28.1	(3.2)
	Slovenia	27.5	(0.3)	2.3	(0.2)	36.8	(0.4)
	Chinese Taipei	66.4	(3.9)	20.1	(2.5)	21.1	(3.1)
	Thailand	83.3	(3.0)	42.6	(3.9)	52.1	(4.0)
	Tunisia	73.7	(3.9)	27.3	(3.9)	30.0	(3.9)
	Uruguay	47.9	(3.1)	4.2	(1.1)	14.7	(2.1)

1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.

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[Part 1/4]

Table 5.10 Involvement of schools in decision making[1]

Tableau 5.10 Participation des établissements à la prise de décisions

		Percentage of students in schools where the principal reported that only the school, only the government, or both the school and the government have considerable responsibility for the following aspects of school policy and management																	
		Selecting teachers for hire						Dismissing teachers						Establishing teachers' starting salaries					
	Cross-country correlation between the percentage of schools having considerable responsibility ("school only" and "school and government") and performance in science[2]	Correlation coefficient			P-value			Correlation coefficient			P-value			Correlation coefficient			P-value		
		0.43			(0.00)			**0.32**			(0.02)			0.20			(0.14)		
		School only		School and government		Government only		School only		School and government		Government only		School only		School and government		Government only	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	58.1	(1.5)	15.7	(2.0)	26.2	(2.1)	37.3	(1.9)	8.1	(1.7)	54.5	(2.3)	13.1	(1.1)	4.7	(1.4)	82.1	(1.6)
	Austria	7.5	(2.5)	25.7	(3.9)	66.8	(4.3)	4.5	(2.1)	18.5	(3.1)	77.1	(3.4)	0.9	(0.7)	0.0	(0.0)	99.1	(0.7)
	Belgium	72.2	(2.5)	15.7	(2.7)	12.1	(1.5)	61.7	(2.1)	20.1	(2.7)	18.2	(2.3)	0.4	(0.4)	0.7	(0.5)	98.8	(0.7)
	Canada	49.4	(2.5)	34.2	(2.8)	16.4	(1.8)	22.1	(1.8)	24.8	(2.5)	53.1	(2.6)	11.4	(1.3)	9.1	(1.5)	79.5	(1.9)
	Czech Republic	98.8	(0.5)	1.2	(0.5)	0.0	(0.0)	98.8	(0.5)	1.2	(0.5)	0.0	(0.0)	72.7	(3.6)	18.1	(3.1)	9.2	(2.0)
	Denmark	94.9	(1.7)	2.7	(1.3)	2.3	(1.2)	49.6	(3.4)	18.2	(2.7)	32.2	(3.5)	16.4	(2.9)	20.6	(3.2)	63.0	(3.7)
	Finland	27.5	(3.0)	35.9	(4.2)	36.6	(4.0)	13.6	(2.4)	18.0	(3.2)	68.4	(3.4)	5.1	(1.7)	5.8	(2.0)	89.1	(2.3)
	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	15.0	(2.5)	29.8	(2.8)	55.2	(3.3)	7.4	(1.9)	10.0	(1.9)	82.6	(2.6)	3.7	(1.1)	1.5	(1.0)	94.8	(1.8)
	Greece	4.8	(1.5)	0.3	(0.3)	94.8	(1.2)	4.6	(1.5)	0.8	(0.5)	94.6	(1.2)	0.7	(0.6)	0.4	(0.4)	98.9	(0.7)
	Hungary	97.0	(1.4)	2.9	(1.4)	0.1	(0.1)	94.5	(1.8)	4.7	(1.6)	0.8	(0.7)	48.7	(4.0)	13.5	(2.5)	37.8	(3.9)
	Iceland	98.3	(0.1)	1.5	(0.1)	0.2	(0.1)	90.6	(0.1)	4.1	(0.1)	5.2	(0.1)	11.5	(0.2)	0.8	(0.1)	87.6	(0.2)
	Ireland	76.2	(1.8)	6.6	(2.0)	17.2	(1.9)	62.2	(2.4)	11.4	(2.0)	26.4	(2.0)	3.8	(1.5)	2.5	(1.3)	93.7	(1.8)
	Italy	5.2	(0.8)	17.5	(2.3)	77.3	(2.3)	4.8	(0.8)	9.2	(1.4)	86.0	(1.6)	2.7	(1.1)	0.2	(0.2)	97.1	(1.1)
	Japan	32.3	(1.2)	1.2	(0.8)	66.5	(1.5)	32.3	(1.2)	1.2	(0.8)	66.5	(1.5)	32.3	(1.2)	0.0	(0.0)	67.7	(1.2)
	Korea	37.0	(3.9)	7.1	(2.0)	55.9	(4.1)	33.8	(3.7)	5.7	(1.7)	60.4	(4.0)	13.3	(2.7)	3.1	(1.4)	83.6	(3.0)
	Luxembourg	15.7	(0.0)	44.8	(0.1)	39.5	(0.1)	20.1	(0.0)	27.2	(0.1)	52.7	(0.1)	12.8	(0.0)	0.0	(0.0)	87.2	(0.0)
	Mexico	49.6	(2.2)	3.1	(0.7)	47.3	(2.3)	36.1	(2.3)	2.7	(0.7)	61.2	(2.4)	22.2	(2.3)	0.6	(0.4)	77.1	(2.4)
	Netherlands	100.0	(0.0)	0.0	(0.0)	0.0	(0.0)	99.5	(0.5)	0.0	(0.0)	0.5	(0.5)	74.6	(3.0)	6.6	(1.7)	18.8	(2.8)
	New Zealand	100.0	(0.0)	0.0	(0.0)	0.0	(0.0)	96.9	(1.4)	2.4	(1.2)	0.7	(0.7)	12.8	(2.1)	2.5	(0.8)	84.7	(2.2)
	Norway	58.9	(3.8)	15.1	(2.6)	25.9	(3.2)	35.5	(3.7)	16.1	(2.6)	48.4	(3.6)	11.1	(2.3)	4.5	(1.6)	84.4	(2.6)
	Poland	90.1	(2.4)	9.8	(2.4)	0.1	(0.1)	88.8	(2.5)	9.7	(2.4)	1.4	(0.9)	14.0	(2.9)	12.9	(2.8)	73.1	(3.8)
	Portugal	13.7	(2.0)	8.4	(2.3)	78.0	(2.9)	10.6	(1.4)	0.5	(0.6)	88.9	(1.5)	4.6	(1.1)	0.0	(0.0)	95.4	(1.1)
	Slovak Republic	100.0	(0.0)	0.0	(0.0)	0.0	(0.0)	99.0	(0.6)	1.0	(0.6)	0.0	(0.0)	40.6	(3.9)	19.8	(2.8)	39.6	(3.9)
	Spain	34.0	(1.1)	0.7	(0.5)	65.2	(1.0)	34.8	(1.0)	0.1	(0.1)	65.0	(1.0)	6.2	(1.4)	2.8	(1.0)	91.0	(1.7)
	Sweden	97.8	(1.1)	2.2	(1.1)	0.0	(0.0)	57.7	(3.7)	22.4	(3.8)	19.9	(3.0)	57.5	(3.5)	21.3	(3.3)	21.2	(3.1)
	Switzerland	86.1	(1.5)	9.9	(1.4)	4.0	(0.3)	73.8	(2.1)	13.4	(1.7)	12.8	(1.6)	6.9	(1.1)	6.9	(1.4)	86.2	(1.8)
	Turkey	3.0	(1.6)	3.1	(1.4)	93.9	(2.1)	2.3	(1.4)	1.5	(1.1)	96.2	(1.8)	3.8	(1.4)	0.0	(0.0)	96.2	(1.4)
	United Kingdom	94.3	(0.9)	5.6	(0.9)	0.1	(0.1)	71.6	(2.7)	22.1	(2.8)	6.3	(0.4)	54.9	(3.0)	26.9	(3.1)	18.2	(1.9)
	United States	97.7	(1.7)	2.3	(1.7)	0.0	(0.0)	99.8	(0.2)	0.2	(0.2)	0.0	(0.0)	79.5	(3.3)	11.2	(2.2)	9.3	(2.8)
	OECD average	59.1	(0.4)	10.5	(0.4)	30.4	(0.4)	49.8	(0.4)	9.5	(0.3)	40.7	(0.4)	22.0	(0.4)	6.8	(0.3)	71.2	(0.4)
Partners	Argentina	49.2	(3.7)	6.1	(2.0)	44.7	(3.5)	35.9	(4.3)	7.5	(2.9)	56.6	(3.8)	4.0	(2.2)	2.1	(1.2)	94.0	(2.5)
	Azerbaijan	79.7	(3.1)	9.2	(2.3)	11.2	(2.3)	91.8	(2.1)	2.9	(1.1)	5.3	(1.7)	31.8	(3.8)	2.1	(1.2)	66.1	(3.9)
	Brazil	28.6	(2.3)	13.8	(2.1)	57.6	(2.5)	22.2	(2.0)	7.6	(1.4)	70.2	(2.4)	15.4	(1.5)	0.8	(0.5)	83.9	(1.5)
	Bulgaria	92.9	(2.3)	7.0	(2.3)	0.2	(0.1)	92.5	(2.4)	7.5	(2.4)	0.0	(0.0)	8.5	(2.3)	6.1	(2.0)	85.4	(3.0)
	Chile	59.2	(2.8)	2.7	(1.5)	38.1	(2.8)	57.6	(2.7)	2.6	(1.5)	39.7	(2.8)	47.6	(3.0)	6.0	(2.0)	46.4	(2.9)
	Colombia	19.2	(2.4)	1.6	(0.9)	79.1	(2.6)	20.0	(2.5)	3.4	(2.1)	76.6	(3.1)	12.9	(1.9)	2.2	(0.6)	84.9	(2.0)
	Croatia	94.5	(1.4)	5.5	(1.4)	0.0	(0.0)	86.7	(2.4)	11.9	(2.3)	1.3	(1.0)	1.4	(0.8)	1.3	(0.9)	97.3	(1.2)
	Estonia	95.3	(1.4)	3.0	(1.4)	1.7	(1.0)	96.9	(1.1)	1.9	(1.1)	1.1	(0.8)	11.1	(2.0)	23.2	(3.0)	65.7	(3.3)
	Hong Kong-China	89.7	(1.6)	7.6	(1.6)	2.7	(0.1)	82.4	(2.4)	12.2	(2.7)	5.4	(1.1)	18.0	(2.6)	25.0	(3.7)	57.0	(4.2)
	Indonesia	32.8	(3.6)	18.6	(3.3)	48.6	(4.2)	36.0	(3.9)	15.7	(3.4)	48.3	(4.2)	37.4	(3.6)	13.2	(2.6)	49.4	(4.1)
	Israel	52.2	(4.2)	42.3	(4.4)	5.5	(1.6)	41.7	(4.4)	41.2	(4.4)	17.1	(2.8)	16.7	(3.3)	3.6	(1.9)	79.7	(3.8)
	Jordan	9.1	(1.4)	0.3	(0.3)	90.6	(1.3)	9.3	(1.2)	0.0	(0.0)	90.7	(1.2)	8.5	(0.9)	0.0	(0.0)	91.5	(0.9)
	Kyrgyzstan	56.2	(3.4)	18.2	(3.1)	25.6	(3.2)	52.1	(3.3)	14.9	(2.8)	33.0	(3.0)	21.5	(3.1)	3.1	(1.2)	75.5	(3.2)
	Latvia	93.7	(1.8)	6.3	(1.8)	0.0	(0.0)	96.5	(1.4)	3.5	(1.4)	0.0	(0.0)	15.5	(2.9)	24.0	(3.6)	60.5	(4.2)
	Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Lithuania	97.2	(1.1)	2.2	(1.0)	0.6	(0.4)	97.3	(1.2)	2.5	(1.2)	0.2	(0.2)	11.4	(2.3)	8.0	(2.1)	80.6	(2.6)
	Macao-China	96.2	(0.0)	2.2	(0.0)	1.6	(0.0)	96.2	(0.0)	0.0	(0.0)	3.8	(0.0)	96.2	(0.0)	0.0	(0.0)	3.8	(0.0)
	Montenegro	96.8	(0.1)	3.2	(0.1)	0.0	(0.0)	88.2	(0.1)	11.8	(0.1)	0.0	(0.0)	0.3	(0.0)	3.9	(0.0)	95.8	(0.0)
	Qatar	31.1	(0.1)	0.3	(0.0)	68.6	(0.1)	31.2	(0.1)	0.8	(0.0)	68.0	(0.1)	25.5	(0.1)	4.0	(0.1)	70.5	(0.1)
	Romania	2.6	(1.2)	6.3	(1.9)	91.1	(2.3)	9.1	(2.7)	13.1	(2.7)	77.9	(3.6)	5.3	(2.1)	2.8	(1.4)	91.9	(2.7)
	Russian Federation	92.9	(2.0)	6.9	(2.1)	0.1	(0.1)	94.1	(1.9)	5.4	(1.9)	0.5	(0.4)	19.6	(2.8)	17.5	(3.2)	62.9	(4.0)
	Serbia	89.9	(2.3)	10.1	(2.3)	0.0	(0.0)	82.8	(3.3)	15.2	(3.1)	2.0	(1.0)	6.6	(2.0)	8.6	(2.1)	84.8	(2.6)
	Slovenia	86.8	(0.2)	13.2	(0.2)	0.0	(0.0)	79.3	(0.3)	18.8	(0.3)	1.9	(0.0)	2.9	(0.1)	9.7	(0.2)	87.4	(0.2)
	Chinese Taipei	81.4	(2.8)	16.8	(2.9)	1.8	(1.0)	79.9	(3.0)	19.5	(3.1)	0.6	(0.4)	22.6	(2.9)	9.3	(2.5)	68.1	(2.5)
	Thailand	30.4	(2.6)	14.9	(3.1)	54.7	(3.7)	58.0	(4.2)	14.8	(2.9)	27.2	(3.9)	27.2	(2.9)	7.9	(2.1)	64.9	(3.2)
	Tunisia	3.7	(1.4)	0.6	(0.6)	95.7	(1.5)	2.4	(1.0)	1.0	(1.0)	96.7	(1.4)	2.3	(1.0)	0.0	(0.0)	97.7	(1.0)
	Uruguay	16.7	(0.9)	2.8	(0.7)	80.6	(1.1)	15.7	(0.9)	0.6	(0.1)	83.7	(0.9)	13.3	(0.8)	0.6	(0.1)	86.2	(0.8)

Note: Values that are statistically significant at the 5% level ($p<0.05$) are indicated in bold.
1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.
2. The cross-country correlation is based on all participating countries where the data are available.

StatLink http://dx.doi.org/10.1787/142127877152

Pour consulter la version française intégrale de ce tableau, suivre ce lien :

StatLink http://dx.doi.org/10.1787/152751048643



[Part 2/4]

Table 5.10 Involvement of schools in decision making[1]

Tableau 5.10 Participation des établissements à la prise de décisions

		Percentage of students in schools where the principal reported that only the school, only the government, or both the school and the government have considerable responsibility for the following aspects of school policy and management																	
		Determining teachers' salary increases						Formulating the school budget						Deciding on budget allocations within the school					
	Cross-country correlation between the percentage of schools having considerable responsibility ("school only" and "school and government") and performance in science[2]	Correlation coefficient				P-value		Correlation coefficient				P-value		Correlation coefficient				P-value	
		0.22				(0.11)		**0.47**				(0.00)		**0.54**				(0.00)	
		School only		School and government		Government only		School only		School and government		Government only		School only		School and government		Government only	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	16.1	(1.6)	7.2	(1.5)	76.7	(1.6)	71.0	(2.6)	17.8	(2.2)	11.2	(1.7)	93.3	(1.5)	5.7	(1.4)	1.0	(0.6)
	Austria	0.0	(0.0)	0.0	(0.0)	100.0	(0.0)	15.7	(2.3)	6.8	(2.0)	77.5	(2.9)	92.1	(2.2)	6.3	(2.1)	1.6	(0.8)
	Belgium	0.4	(0.4)	0.7	(0.5)	98.8	(0.7)	55.8	(2.2)	22.4	(2.4)	21.8	(2.0)	67.6	(2.4)	21.9	(2.5)	10.5	(1.8)
	Canada	11.7	(1.5)	10.8	(1.6)	77.4	(2.0)	29.1	(1.8)	37.4	(2.7)	33.5	(2.6)	78.7	(2.1)	14.9	(1.5)	6.5	(1.3)
	Czech Republic	64.6	(3.8)	23.9	(3.6)	11.5	(2.2)	54.7	(4.4)	35.0	(4.2)	10.3	(2.1)	76.0	(3.8)	23.0	(3.7)	1.0	(0.7)
	Denmark	16.2	(3.0)	23.2	(3.2)	60.6	(3.6)	81.5	(3.0)	14.0	(2.8)	4.5	(1.6)	97.2	(1.2)	2.8	(1.2)	0.0	(0.0)
	Finland	5.3	(1.9)	4.0	(1.6)	90.7	(2.5)	30.0	(4.0)	37.7	(3.9)	32.3	(4.1)	86.8	(3.0)	11.8	(2.8)	1.4	(1.2)
	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	3.8	(1.1)	5.6	(1.8)	90.6	(2.3)	79.0	(2.8)	12.6	(2.1)	8.4	(2.0)	96.3	(1.3)	3.1	(1.1)	0.6	(0.6)
	Greece	1.9	(1.3)	0.9	(0.6)	97.3	(1.5)	60.8	(3.9)	8.8	(2.2)	30.4	(3.7)	55.8	(4.2)	4.7	(1.6)	39.4	(4.2)
	Hungary	51.2	(4.1)	19.7	(3.2)	29.2	(3.6)	73.7	(3.7)	15.7	(2.8)	10.6	(2.5)	92.4	(2.0)	5.0	(1.9)	2.6	(1.3)
	Iceland	5.1	(0.1)	11.3	(0.1)	83.6	(0.2)	45.0	(0.2)	26.3	(0.2)	28.6	(0.2)	75.5	(0.3)	14.9	(0.2)	9.5	(0.2)
	Ireland	2.9	(1.3)	1.9	(1.1)	95.2	(1.7)	66.0	(2.7)	10.9	(2.3)	23.2	(2.3)	95.0	(1.3)	3.2	(1.4)	1.8	(0.7)
	Italy	2.7	(1.1)	0.2	(0.0)	97.0	(1.1)	17.9	(2.6)	14.3	(2.3)	67.7	(3.1)	87.9	(1.5)	8.6	(1.4)	3.5	(1.0)
	Japan	32.3	(1.2)	1.1	(0.8)	66.6	(1.5)	38.7	(2.1)	6.2	(1.8)	55.1	(2.6)	88.1	(2.2)	4.9	(1.7)	7.0	(1.8)
	Korea	6.1	(1.9)	1.2	(0.9)	92.7	(2.1)	68.8	(3.8)	11.0	(2.5)	20.2	(3.5)	91.1	(1.9)	2.5	(1.3)	6.4	(1.9)
	Luxembourg	12.8	(0.0)	0.0	(0.0)	87.2	(0.0)	38.7	(0.0)	46.1	(0.0)	15.2	(0.0)	83.6	(0.0)	16.4	(0.0)	0.0	(0.0)
	Mexico	21.8	(2.4)	0.2	(0.1)	78.0	(2.4)	58.4	(2.7)	2.7	(0.6)	38.9	(2.7)	85.9	(1.4)	1.8	(0.5)	12.3	(1.4)
	Netherlands	61.1	(3.8)	8.6	(2.2)	30.3	(3.8)	98.5	(0.9)	0.0	(0.0)	1.5	(0.9)	99.1	(0.7)	0.5	(0.5)	0.5	(0.5)
	New Zealand	22.7	(2.6)	12.6	(1.9)	64.7	(3.0)	92.1	(1.6)	4.8	(0.8)	3.2	(1.4)	99.4	(0.6)	0.6	(0.6)	0.0	(0.0)
	Norway	7.7	(2.0)	16.7	(3.0)	75.6	(3.4)	55.7	(3.4)	17.9	(2.9)	26.4	(3.5)	93.6	(1.8)	4.8	(1.6)	1.6	(0.9)
	Poland	6.0	(1.6)	16.6	(2.9)	77.3	(3.3)	6.0	(1.7)	36.0	(3.8)	57.9	(3.8)	27.6	(3.2)	36.6	(3.8)	35.8	(3.7)
	Portugal	4.0	(1.0)	0.8	(0.6)	95.2	(1.2)	69.8	(3.9)	13.7	(2.8)	16.5	(3.1)	56.5	(3.9)	24.0	(3.4)	19.5	(3.0)
	Slovak Republic	32.9	(4.0)	19.0	(2.5)	48.1	(3.9)	52.1	(3.9)	32.3	(3.5)	15.6	(3.4)	79.3	(2.7)	18.6	(2.7)	2.2	(1.0)
	Spain	6.7	(1.4)	2.3	(0.7)	91.1	(1.6)	77.0	(2.8)	10.1	(2.3)	12.9	(2.2)	95.8	(1.2)	2.9	(1.0)	1.2	(0.6)
	Sweden	61.4	(3.6)	32.0	(3.5)	6.6	(2.0)	56.9	(3.8)	32.0	(4.2)	11.0	(2.4)	96.4	(1.3)	2.2	(1.0)	1.3	(0.8)
	Switzerland	10.1	(1.5)	11.2	(1.7)	78.7	(2.1)	52.0	(2.8)	24.5	(2.4)	23.5	(2.2)	82.4	(1.6)	12.7	(1.6)	4.8	(1.1)
	Turkey	2.3	(1.4)	0.0	(0.0)	97.7	(1.4)	62.4	(3.9)	9.9	(2.5)	27.7	(3.7)	69.5	(4.4)	4.7	(1.8)	25.8	(4.1)
	United Kingdom	69.1	(3.0)	21.0	(3.0)	10.0	(0.9)	62.5	(3.2)	25.0	(2.6)	12.5	(1.9)	97.3	(0.9)	2.6	(0.9)	0.1	(0.1)
	United States	78.3	(3.1)	15.7	(3.1)	5.9	(1.4)	85.7	(3.0)	12.4	(3.0)	1.9	(1.0)	95.3	(1.7)	3.9	(1.6)	0.8	(0.6)
	OECD average	21.3	(0.4)	9.3	(0.4)	69.5	(0.4)	57.1	(0.6)	18.8	(0.5)	24.1	(0.5)	84.0	(0.4)	9.2	(0.3)	6.8	(0.3)
Partners	Argentina	2.5	(1.7)	0.9	(0.8)	96.6	(1.9)	30.2	(4.2)	11.6	(3.4)	58.2	(4.3)	62.6	(4.3)	9.7	(3.1)	27.6	(3.7)
	Azerbaijan	4.9	(1.6)	1.4	(1.0)	93.7	(1.9)	9.0	(2.4)	2.0	(1.2)	88.9	(2.7)	39.5	(4.5)	0.5	(0.5)	60.1	(4.5)
	Brazil	14.8	(1.3)	1.8	(1.0)	83.4	(1.5)	25.4	(2.2)	13.2	(2.0)	61.4	(2.6)	48.8	(2.6)	14.4	(2.0)	36.8	(2.8)
	Bulgaria	8.7	(2.1)	11.5	(2.5)	79.8	(3.3)	28.8	(3.8)	27.9	(3.9)	43.3	(4.1)	57.1	(3.6)	27.7	(3.3)	15.1	(2.8)
	Chile	43.2	(3.3)	7.6	(2.3)	49.1	(3.4)	62.1	(2.9)	8.1	(2.0)	29.8	(3.0)	78.6	(2.6)	10.5	(2.7)	10.9	(2.1)
	Colombia	13.2	(1.9)	2.5	(0.7)	84.3	(1.9)	87.8	(2.8)	2.2	(1.0)	10.0	(2.6)	95.9	(1.5)	2.4	(1.2)	1.7	(1.0)
	Croatia	1.3	(0.8)	0.6	(0.6)	98.1	(1.0)	36.4	(3.8)	39.5	(3.9)	24.1	(3.1)	66.7	(3.5)	24.2	(3.1)	9.1	(2.4)
	Estonia	14.8	(2.6)	48.9	(3.4)	36.3	(3.4)	37.2	(3.5)	56.4	(3.8)	6.4	(1.8)	85.1	(2.5)	12.5	(2.4)	2.4	(0.8)
	Hong Kong-China	19.0	(2.9)	13.8	(2.8)	67.2	(3.6)	92.0	(1.9)	6.7	(1.7)	1.3	(1.0)	94.1	(2.0)	5.9	(2.0)	0.0	(0.0)
	Indonesia	39.7	(3.7)	10.7	(2.1)	49.6	(4.0)	92.6	(2.1)	5.2	(1.6)	2.2	(1.3)	84.5	(2.6)	7.0	(2.0)	8.4	(1.8)
	Israel	15.0	(3.3)	6.7	(2.2)	78.3	(4.1)	47.5	(3.9)	41.3	(4.1)	11.2	(2.6)	73.1	(3.4)	22.9	(3.4)	3.9	(1.3)
	Jordan	8.8	(2.0)	0.0	(0.0)	91.2	(2.0)	94.5	(2.0)	0.2	(0.0)	5.3	(2.0)	86.2	(2.8)	1.3	(0.9)	12.5	(2.7)
	Kyrgyzstan	7.7	(2.1)	3.1	(1.2)	89.2	(2.5)	35.4	(3.6)	6.2	(1.9)	58.4	(4.2)	52.3	(4.0)	9.6	(2.3)	38.1	(3.9)
	Latvia	17.2	(3.3)	25.0	(3.8)	57.8	(3.9)	68.8	(3.1)	24.9	(3.2)	6.3	(1.7)	26.2	(3.4)	10.9	(3.0)	62.9	(3.6)
	Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Lithuania	6.0	(1.9)	11.2	(2.3)	82.8	(2.9)	32.5	(3.2)	36.9	(3.7)	30.5	(3.3)	58.1	(3.6)	21.4	(3.1)	20.5	(2.7)
	Macao-China	96.2	(0.0)	0.0	(0.0)	3.8	(0.0)	94.4	(0.0)	4.0	(0.0)	1.6	(0.0)	94.4	(0.0)	4.0	(0.0)	1.6	(0.0)
	Montenegro	6.8	(0.1)	10.7	(0.1)	82.5	(0.2)	14.7	(0.2)	15.6	(0.1)	69.8	(0.1)	72.2	(0.2)	12.5	(0.1)	15.3	(0.1)
	Qatar	31.9	(0.1)	0.0	(0.0)	68.1	(0.1)	30.9	(0.1)	4.3	(0.1)	64.8	(0.1)	58.0	(0.1)	2.0	(0.0)	40.0	(0.1)
	Romania	5.1	(2.1)	5.3	(1.9)	89.6	(2.9)	53.4	(6.1)	12.4	(2.8)	34.2	(6.7)	42.4	(5.5)	5.4	(1.8)	52.2	(5.8)
	Russian Federation	8.1	(1.7)	21.1	(3.3)	70.8	(4.0)	10.1	(1.8)	32.2	(3.9)	57.8	(3.6)	43.3	(3.4)	32.8	(4.0)	23.8	(3.2)
	Serbia	30.0	(3.7)	17.8	(2.9)	52.2	(4.0)	11.4	(2.5)	25.3	(3.3)	63.3	(3.5)	72.7	(3.6)	14.8	(2.8)	12.5	(2.7)
	Slovenia	4.4	(0.0)	27.1	(0.5)	68.4	(0.5)	23.1	(0.5)	52.7	(0.5)	24.1	(0.4)	72.6	(0.2)	25.2	(0.2)	2.3	(0.1)
	Chinese Taipei	29.5	(3.0)	7.4	(1.9)	63.1	(3.0)	52.6	(3.4)	19.8	(3.1)	27.6	(3.0)	87.4	(2.6)	9.7	(2.4)	2.9	(1.2)
	Thailand	72.9	(3.3)	19.5	(3.1)	7.6	(1.9)	68.4	(4.1)	12.5	(2.8)	19.0	(3.4)	92.0	(2.1)	4.2	(1.5)	3.8	(1.5)
	Tunisia	2.3	(1.0)	0.6	(0.6)	97.1	(1.2)	20.5	(3.1)	12.4	(3.1)	67.1	(4.3)	88.5	(2.6)	7.7	(2.2)	3.8	(1.7)
	Uruguay	12.3	(1.0)	0.9	(0.3)	86.9	(1.0)	19.8	(1.3)	6.5	(1.9)	73.7	(1.9)	53.1	(2.9)	12.1	(2.3)	34.8	(2.7)

Note: Values that are statistically significant at the 5% level ($p<0.05$) are indicated in bold.
1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.
2. The cross-country correlation is based on all participating countries where the data are available.
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[Part 3/4]

Table 5.10 Involvement of schools in decision making[1]

Tableau 5.10 Participation des établissements à la prise de décisions

		Percentage of students in schools where the principal reported that only the school, only the government, or both the school and the government have considerable responsibility for the following aspects of school policy and management																	
		Establishing student disciplinary policies						Establishing student assessment policies						Approving students for admission to the school					
	Cross-country correlation between the percentage of schools having considerable responsibility ("school only" and "school and government") and performance in science[2]	Correlation coefficient			P-value			Correlation coefficient			P-value			Correlation coefficient			P-value		
		0.41			(0.00)			**0.43**			(0.00)			**0.27**			(0.04)		
		School only		School and government		Government only		School only		School and government		Government only		School only		School and government		Government only	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	67.8	(2.6)	30.8	(2.6)	1.4	(0.5)	50.1	(2.7)	46.4	(2.6)	3.5	(0.9)	72.9	(2.5)	22.9	(2.4)	4.2	(1.2)
	Austria	83.0	(3.1)	16.3	(3.1)	0.7	(0.6)	50.2	(4.1)	23.9	(3.3)	25.9	(3.4)	72.5	(4.3)	19.7	(3.8)	7.8	(2.1)
	Belgium	81.4	(2.7)	15.5	(2.4)	3.1	(1.3)	78.2	(2.7)	17.6	(2.6)	4.2	(1.3)	71.6	(2.6)	19.6	(2.3)	8.8	(1.8)
	Canada	45.0	(2.2)	46.6	(2.5)	8.4	(1.7)	24.7	(1.8)	56.2	(2.5)	19.1	(2.0)	51.8	(2.5)	40.5	(2.5)	7.7	(1.4)
	Czech Republic	95.7	(1.9)	4.3	(1.9)	0.0	(0.0)	94.5	(1.9)	5.0	(1.8)	0.5	(0.5)	86.3	(2.9)	13.7	(2.9)	0.0	(0.0)
	Denmark	100.0	(0.0)	0.0	(0.0)	0.0	(0.0)	71.6	(3.3)	19.0	(3.1)	9.4	(2.1)	76.0	(3.2)	18.7	(3.1)	5.2	(1.8)
	Finland	78.5	(3.6)	20.0	(3.6)	1.5	(1.2)	79.3	(3.6)	19.8	(3.6)	0.9	(0.7)	48.7	(4.8)	30.3	(4.2)	21.1	(3.3)
	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	82.1	(2.5)	17.4	(2.5)	0.5	(0.5)	55.2	(3.6)	34.5	(3.7)	10.3	(2.5)	76.8	(2.8)	20.9	(3.0)	2.3	(1.0)
	Greece	78.6	(3.3)	11.5	(2.6)	9.9	(2.4)	17.3	(3.1)	6.4	(2.0)	76.3	(3.5)	69.6	(3.4)	4.9	(1.6)	25.5	(3.5)
	Hungary	94.8	(2.0)	4.4	(1.8)	0.8	(0.8)	93.5	(2.3)	5.7	(2.1)	0.8	(0.8)	94.1	(1.8)	4.3	(1.6)	1.6	(1.1)
	Iceland	93.5	(0.1)	6.5	(0.1)	0.0	(0.0)	86.7	(0.1)	11.7	(0.1)	1.7	(0.0)	69.9	(0.3)	16.3	(0.2)	13.8	(0.2)
	Ireland	90.8	(2.4)	9.2	(2.4)	0.0	(0.0)	86.4	(2.7)	13.1	(2.8)	0.5	(0.6)	94.2	(1.9)	5.8	(1.9)	a	a
	Italy	97.4	(1.1)	2.3	(1.1)	0.3	(0.2)	92.3	(1.8)	5.4	(1.3)	2.3	(1.2)	93.1	(1.4)	4.1	(1.1)	2.8	(1.0)
	Japan	98.4	(0.9)	1.6	(0.9)	0.0	(0.0)	98.1	(1.0)	1.7	(1.0)	0.2	(0.2)	99.0	(0.7)	1.0	(0.7)	0.0	(0.0)
	Korea	85.1	(2.7)	9.8	(2.4)	5.0	(1.9)	65.6	(3.8)	19.5	(3.3)	14.9	(3.0)	82.5	(3.5)	8.8	(2.4)	8.7	(2.7)
	Luxembourg	53.3	(0.0)	38.4	(0.0)	8.3	(0.0)	4.6	(0.0)	20.8	(0.1)	74.6	(0.1)	62.5	(0.1)	33.6	(0.1)	3.9	(0.0)
	Mexico	89.0	(1.4)	6.8	(1.1)	4.1	(0.9)	58.4	(2.4)	12.9	(1.8)	28.6	(2.8)	67.0	(2.5)	9.0	(1.7)	24.0	(2.5)
	Netherlands	99.5	(0.5)	0.0	(0.0)	0.5	(0.5)	98.7	(0.7)	0.6	(0.5)	0.7	(0.6)	96.7	(1.3)	2.1	(1.1)	1.2	(0.8)
	New Zealand	95.6	(1.4)	4.4	(1.4)	0.0	(0.0)	82.0	(2.6)	17.3	(2.6)	0.7	(0.7)	87.1	(2.1)	9.4	(1.9)	3.4	(1.1)
	Norway	78.0	(2.9)	16.5	(2.6)	5.5	(1.7)	37.2	(3.9)	23.3	(2.9)	39.4	(3.9)	48.4	(3.8)	13.6	(2.7)	38.0	(3.6)
	Poland	95.5	(1.7)	4.5	(1.7)	0.0	(0.0)	90.2	(2.3)	9.8	(2.3)	a	a	85.9	(2.6)	13.3	(2.8)	0.8	(0.7)
	Portugal	45.9	(4.2)	29.5	(4.1)	24.6	(3.5)	32.7	(4.1)	38.2	(4.1)	29.1	(3.7)	61.8	(4.2)	29.8	(4.2)	8.5	(2.2)
	Slovak Republic	94.1	(1.9)	4.7	(1.7)	1.2	(0.8)	62.3	(3.9)	25.0	(3.4)	12.7	(2.8)	92.2	(1.9)	7.8	(1.9)	0.0	(0.0)
	Spain	70.8	(2.7)	26.8	(2.7)	2.4	(1.0)	47.1	(3.2)	34.7	(3.0)	18.2	(2.6)	39.0	(2.9)	23.2	(2.4)	37.8	(2.5)
	Sweden	97.0	(1.4)	2.9	(1.4)	0.1	(0.1)	63.3	(3.2)	32.8	(3.1)	3.9	(1.5)	66.9	(3.9)	22.2	(3.4)	10.9	(2.5)
	Switzerland	79.4	(2.4)	18.1	(2.3)	2.6	(1.0)	37.5	(2.9)	38.7	(3.3)	23.8	(2.4)	66.1	(2.4)	21.8	(2.8)	12.2	(2.0)
	Turkey	34.8	(4.1)	7.1	(1.8)	58.1	(4.4)	44.3	(4.3)	6.4	(1.9)	49.3	(4.1)	77.4	(3.5)	6.4	(1.8)	16.2	(3.1)
	United Kingdom	90.2	(1.7)	9.8	(1.7)	0.0	(0.0)	86.2	(1.9)	13.5	(1.9)	0.3	(0.2)	54.9	(3.4)	23.5	(2.7)	21.6	(2.5)
	United States	91.7	(1.6)	7.9	(1.7)	0.4	(0.4)	51.6	(3.7)	42.4	(3.8)	6.0	(1.9)	88.2	(2.7)	7.3	(2.4)	4.4	(1.7)
	OECD average	82.3	(0.4)	12.9	(0.4)	4.8	(0.3)	63.4	(0.5)	20.8	(0.5)	16.4	(0.4)	74.2	(0.5)	15.7	(0.5)	10.4	(0.4)
Partners	Argentina	64.9	(4.2)	30.3	(3.8)	4.7	(1.6)	42.3	(4.8)	36.6	(4.5)	21.1	(3.8)	79.3	(3.2)	8.9	(2.1)	11.8	(2.5)
	Azerbaijan	99.4	(0.6)	0.0	(0.0)	0.6	(0.6)	76.6	(3.5)	3.7	(1.5)	19.7	(3.3)	97.9	(1.2)	1.5	(1.0)	0.6	(0.6)
	Brazil	77.0	(2.3)	16.6	(2.3)	6.4	(1.3)	56.5	(2.5)	29.1	(2.6)	14.4	(1.8)	76.1	(2.6)	15.7	(2.4)	8.2	(1.4)
	Bulgaria	44.3	(4.2)	52.9	(4.3)	2.8	(1.3)	8.6	(2.6)	33.0	(3.8)	58.4	(3.8)	44.9	(4.0)	34.1	(4.0)	21.0	(3.4)
	Chile	85.0	(2.8)	14.1	(2.8)	0.8	(0.7)	66.9	(3.7)	25.5	(3.7)	7.6	(2.1)	91.4	(1.9)	6.9	(1.7)	1.7	(0.9)
	Colombia	96.1	(1.4)	3.9	(1.4)	0.0	(0.0)	61.0	(5.5)	21.8	(5.5)	17.3	(4.5)	79.8	(5.1)	11.7	(4.9)	8.5	(2.3)
	Croatia	56.7	(3.2)	40.0	(3.4)	3.2	(1.4)	14.1	(2.8)	21.4	(3.2)	64.5	(3.8)	30.8	(3.5)	37.7	(3.8)	31.5	(3.8)
	Estonia	95.0	(1.3)	5.0	(1.3)	0.0	(0.0)	50.6	(3.6)	46.9	(3.6)	2.5	(1.3)	69.5	(3.6)	30.0	(3.6)	0.5	(0.5)
	Hong Kong-China	100.0	(0.0)	0.0	(0.0)	0.0	(0.0)	93.5	(1.8)	6.5	(1.8)	0.0	(0.0)	91.2	(2.2)	8.8	(2.2)	0.0	(0.0)
	Indonesia	89.9	(4.1)	5.4	(1.3)	4.7	(3.9)	72.0	(4.5)	16.7	(2.5)	11.3	(4.2)	72.2	(4.5)	17.2	(2.8)	10.6	(4.2)
	Israel	80.1	(3.5)	18.3	(3.4)	1.6	(1.2)	82.3	(3.2)	16.1	(3.4)	1.6	(1.2)	56.3	(4.3)	32.4	(4.1)	11.3	(2.8)
	Jordan	40.1	(4.0)	2.1	(1.1)	57.8	(4.0)	43.5	(4.0)	1.3	(0.9)	55.2	(4.0)	73.8	(3.5)	1.8	(1.0)	24.4	(3.4)
	Kyrgyzstan	79.9	(3.0)	11.2	(2.5)	8.9	(2.1)	60.7	(3.7)	12.0	(2.2)	27.3	(3.5)	95.7	(1.5)	2.6	(1.1)	1.7	(0.9)
	Latvia	92.3	(1.4)	7.7	(1.4)	0.0	(0.0)	46.1	(4.1)	44.6	(3.6)	9.3	(2.3)	82.0	(2.8)	16.6	(2.7)	1.4	(0.8)
	Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Lithuania	95.7	(1.5)	3.8	(1.4)	0.5	(0.5)	63.4	(3.7)	32.8	(3.7)	3.8	(1.5)	84.0	(3.0)	14.1	(2.7)	1.9	(1.3)
	Macao-China	100.0	(0.0)	0.0	(0.0)	0.0	(0.0)	99.3	(0.0)	0.0	(0.0)	0.7	(0.0)	97.4	(0.0)	2.6	(0.0)	0.0	(0.0)
	Montenegro	40.1	(0.2)	22.2	(0.1)	37.6	(0.2)	46.7	(0.2)	25.9	(0.1)	27.4	(0.2)	24.3	(0.2)	27.4	(0.1)	48.4	(0.1)
	Qatar	52.4	(0.1)	10.3	(0.1)	37.3	(0.1)	56.2	(0.1)	5.2	(0.1)	38.6	(0.1)	70.6	(0.1)	5.9	(0.0)	23.6	(0.1)
	Romania	100.0	(0.0)	0.0	(0.0)	0.0	(0.0)	35.6	(5.6)	23.6	(3.8)	40.7	(4.4)	17.7	(3.1)	9.8	(2.4)	72.5	(3.7)
	Russian Federation	93.7	(1.9)	5.8	(1.7)	0.5	(0.8)	41.8	(3.6)	33.9	(4.8)	24.4	(2.8)	88.2	(2.4)	11.1	(2.3)	0.6	(0.6)
	Serbia	88.1	(2.5)	11.9	(2.5)	0.0	(0.0)	39.4	(3.7)	46.7	(4.3)	14.0	(2.8)	11.2	(2.4)	51.2	(3.8)	37.6	(3.8)
	Slovenia	80.2	(0.5)	19.4	(0.4)	0.4	(0.2)	19.6	(0.4)	58.2	(0.4)	22.2	(0.4)	34.6	(0.5)	43.4	(0.4)	22.0	(0.5)
	Chinese Taipei	64.0	(4.1)	26.7	(3.3)	9.3	(2.6)	64.4	(3.7)	26.7	(3.2)	8.9	(2.2)	32.7	(3.4)	25.6	(3.2)	41.7	(3.7)
	Thailand	88.1	(2.5)	10.6	(2.3)	1.2	(0.9)	83.0	(3.1)	12.2	(2.6)	4.7	(1.7)	65.5	(3.5)	25.7	(3.5)	8.7	(2.0)
	Tunisia	74.6	(3.7)	7.3	(2.3)	18.1	(3.3)	25.2	(3.4)	4.4	(1.5)	70.5	(3.4)	45.2	(4.5)	16.7	(3.4)	38.1	(4.5)
	Uruguay	45.2	(2.9)	32.7	(2.8)	22.2	(2.4)	19.7	(2.1)	29.1	(3.2)	51.2	(3.2)	41.1	(2.7)	16.8	(2.7)	42.0	(2.9)

Note: Values that are statistically significant at the 5% level ($p<0.05$) are indicated in bold.
1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.
2. The cross-country correlation is based on all participating countries where the data are available.

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[Part 4/4]

Table 5.10 Involvement of schools in decision making[1]

Tableau 5.10 Participation des établissements à la prise de décisions

		Percentage of students in schools where the principal reported that only the school, only the government, or both the school and the government have considerable responsibility for the following aspects of school policy and management																	
		Choosing which textbooks are used						Determining course content						Deciding which courses are offered					
	Cross-country correlation between the percentage of schools having considerable responsibility ("school only" and "school and government") and performance in science[2]	Correlation coefficient			P-value			Correlation coefficient			P-value			Correlation coefficient			P-value		
		0.51			(0.00)			0.52			(0.00)			0.58			(0.00)		
		School only		School and government		Government only		School only		School and government		Government only		School only		School and government		Government only	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	90.8	(1.6)	8.5	(1.6)	0.6	(0.4)	30.6	(2.6)	51.2	(2.9)	18.2	(2.2)	72.3	(2.6)	26.0	(2.5)	1.7	(0.8)
	Austria	94.8	(1.9)	5.2	(1.9)	0.0	(0.0)	44.0	(4.0)	34.8	(3.8)	21.2	(3.4)	39.3	(3.6)	41.6	(3.8)	19.1	(2.5)
	Belgium	96.9	(1.0)	2.8	(0.9)	0.3	(0.3)	30.7	(2.8)	33.7	(2.8)	35.6	(3.1)	36.6	(3.2)	47.1	(3.3)	16.3	(2.6)
	Canada	39.3	(2.4)	42.2	(2.7)	18.5	(2.0)	12.2	(1.3)	41.3	(2.5)	46.5	(2.4)	43.8	(2.5)	51.3	(2.5)	4.9	(1.0)
	Czech Republic	62.6	(4.3)	28.3	(3.5)	9.1	(2.6)	72.2	(4.3)	24.2	(3.6)	3.6	(2.1)	87.0	(2.7)	12.4	(2.6)	0.5	(0.5)
	Denmark	100.0	(0.0)	0.0	(0.0)	0.0	(0.0)	57.2	(3.6)	33.3	(3.4)	9.5	(2.4)	53.7	(4.0)	40.6	(3.8)	5.7	(1.6)
	Finland	98.3	(1.0)	1.7	(1.0)	0.0	(0.0)	38.0	(4.1)	33.0	(4.0)	28.9	(3.6)	64.1	(4.2)	29.1	(4.2)	6.8	(2.0)
	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	79.4	(3.1)	19.4	(3.2)	1.3	(1.0)	23.3	(2.4)	40.7	(3.4)	36.0	(3.0)	79.0	(3.0)	18.0	(2.7)	2.9	(1.4)
	Greece	0.7	(0.6)	4.7	(1.7)	94.6	(1.8)	0.0	(0.0)	1.5	(0.8)	98.5	(0.8)	4.4	(1.6)	5.0	(1.6)	90.7	(2.0)
	Hungary	95.3	(1.8)	2.8	(1.4)	1.8	(1.1)	50.5	(3.9)	37.5	(3.8)	12.0	(2.6)	52.5	(4.5)	39.3	(4.1)	8.1	(2.4)
	Iceland	84.8	(0.2)	7.4	(0.1)	7.7	(0.1)	39.0	(0.2)	27.6	(0.2)	33.5	(0.2)	31.4	(0.3)	34.9	(0.2)	33.7	(0.3)
	Ireland	100.0	(0.0)	0.0	(0.0)	0.0	(0.0)	35.1	(3.8)	25.0	(3.5)	40.0	(3.9)	82.4	(3.1)	16.4	(3.1)	1.2	(0.9)
	Italy	98.7	(0.8)	0.4	(0.2)	0.9	(0.8)	53.3	(2.9)	29.3	(2.5)	17.5	(2.2)	54.9	(3.0)	25.9	(2.4)	19.2	(2.3)
	Japan	89.1	(2.3)	6.1	(1.8)	4.8	(1.4)	93.0	(1.8)	4.8	(1.4)	2.2	(1.1)	92.9	(1.8)	3.9	(1.4)	3.2	(1.3)
	Korea	95.4	(1.5)	4.6	(1.5)	0.0	(0.0)	92.6	(2.1)	5.6	(1.9)	1.8	(0.9)	81.9	(3.2)	14.8	(2.9)	3.3	(1.5)
	Luxembourg	10.1	(0.0)	33.1	(0.1)	56.8	(0.1)	0.0	(0.0)	40.3	(0.0)	59.7	(0.0)	0.0	(0.0)	42.1	(0.1)	57.9	(0.1)
	Mexico	59.6	(2.6)	7.9	(1.2)	32.5	(2.6)	21.0	(2.2)	4.4	(0.6)	74.6	(2.3)	15.7	(2.2)	4.2	(0.7)	80.2	(2.3)
	Netherlands	99.5	(0.5)	0.0	(0.0)	0.5	(0.5)	78.8	(3.0)	14.0	(2.6)	7.1	(2.2)	76.9	(3.6)	18.0	(3.1)	5.1	(2.0)
	New Zealand	100.0	(0.0)	0.0	(0.0)	0.0	(0.0)	68.8	(2.7)	26.9	(2.5)	4.2	(1.6)	90.2	(2.2)	9.8	(2.2)	0.0	(0.0)
	Norway	96.7	(1.2)	3.3	(1.2)	0.0	(0.0)	30.9	(3.6)	30.9	(3.4)	38.2	(3.9)	23.2	(3.3)	24.8	(3.4)	52.0	(4.1)
	Poland	92.5	(2.1)	7.5	(2.1)	0.0	(0.0)	93.0	(2.1)	7.0	(2.1)	0.0	(0.0)	44.1	(3.5)	26.7	(3.4)	29.2	(3.6)
	Portugal	99.1	(0.7)	0.9	(0.7)	0.0	(0.0)	24.5	(3.4)	22.8	(3.5)	52.7	(3.2)	44.1	(4.0)	32.7	(4.0)	23.2	(3.5)
	Slovak Republic	55.5	(3.6)	33.3	(3.7)	11.2	(2.2)	25.6	(3.5)	37.7	(4.1)	36.7	(3.9)	38.1	(4.0)	39.7	(4.3)	22.2	(3.1)
	Spain	93.6	(1.7)	5.7	(1.6)	0.8	(0.5)	25.8	(2.8)	32.3	(3.3)	41.9	(3.5)	33.1	(3.1)	25.0	(3.1)	41.9	(2.9)
	Sweden	100.0	(0.0)	0.0	(0.0)	0.0	(0.0)	57.5	(4.0)	35.4	(3.9)	7.1	(1.8)	48.7	(4.0)	29.3	(3.4)	22.0	(3.2)
	Switzerland	37.2	(2.4)	39.9	(2.7)	22.9	(1.9)	15.5	(1.8)	44.2	(3.1)	40.4	(3.0)	13.7	(1.9)	53.5	(3.1)	32.7	(2.7)
	Turkey	57.3	(4.3)	15.5	(2.9)	27.2	(4.0)	8.4	(2.3)	2.2	(1.3)	89.4	(2.6)	26.8	(3.9)	15.7	(2.9)	57.5	(4.1)
	United Kingdom	99.1	(0.4)	0.8	(0.4)	0.1	(0.0)	74.2	(2.8)	19.7	(2.5)	6.1	(1.6)	86.5	(2.2)	13.4	(2.2)	0.1	(0.1)
	United States	82.4	(2.9)	17.1	(2.8)	0.5	(0.5)	50.1	(4.3)	39.9	(4.3)	10.0	(2.4)	69.1	(3.8)	29.1	(4.0)	1.8	(1.0)
	OECD average	79.6	(0.4)	10.3	(0.3)	10.1	(0.2)	43.0	(0.5)	26.9	(0.5)	30.1	(0.5)	51.3	(0.6)	26.6	(0.6)	22.2	(0.4)
Partners	Argentina	86.4	(2.8)	7.6	(2.0)	6.0	(2.0)	42.0	(4.1)	42.1	(4.2)	15.9	(3.1)	52.1	(4.1)	23.2	(3.8)	24.6	(3.9)
	Azerbaijan	43.2	(4.4)	4.3	(1.7)	52.4	(4.5)	42.1	(4.2)	0.7	(0.7)	57.2	(4.2)	31.9	(4.1)	9.5	(2.7)	58.6	(4.2)
	Brazil	84.5	(1.6)	13.8	(1.5)	1.7	(0.6)	51.5	(2.9)	27.5	(2.6)	21.0	(2.5)	28.9	(2.2)	26.4	(2.3)	44.7	(2.9)
	Bulgaria	74.0	(3.8)	23.6	(3.7)	2.3	(1.4)	8.5	(2.2)	20.4	(3.5)	71.1	(3.8)	10.2	(2.2)	43.8	(3.8)	46.0	(4.0)
	Chile	79.4	(3.4)	17.5	(3.2)	3.1	(1.4)	42.0	(3.8)	26.1	(3.7)	31.8	(4.4)	73.6	(3.5)	19.4	(3.1)	7.0	(1.9)
	Colombia	96.7	(1.3)	1.4	(0.7)	1.9	(1.2)	71.9	(5.2)	15.3	(3.0)	12.8	(5.0)	76.8	(5.2)	17.2	(5.1)	6.0	(2.0)
	Croatia	38.2	(4.0)	46.3	(4.0)	15.6	(2.5)	4.9	(1.6)	36.6	(3.5)	58.5	(3.8)	2.5	(1.1)	16.9	(2.8)	80.6	(3.0)
	Estonia	72.2	(3.0)	25.9	(3.0)	1.9	(0.8)	65.3	(3.0)	31.7	(3.0)	3.1	(1.1)	84.5	(2.7)	13.1	(2.5)	2.3	(1.0)
	Hong Kong-China	97.4	(1.3)	2.6	(1.3)	0.0	(0.0)	86.5	(2.6)	12.9	(2.6)	0.6	(0.6)	93.2	(1.8)	6.8	(1.8)	0.0	(0.0)
	Indonesia	75.8	(3.1)	16.4	(2.1)	7.7	(2.3)	59.0	(4.4)	20.0	(3.1)	21.0	(4.2)	58.5	(3.8)	19.4	(2.8)	22.1	(3.1)
	Israel	57.8	(4.8)	36.4	(4.5)	5.8	(2.0)	37.9	(4.4)	43.4	(4.4)	18.7	(3.3)	66.6	(4.6)	31.1	(4.7)	2.3	(1.4)
	Jordan	6.0	(1.8)	0.3	(0.3)	93.7	(1.9)	6.0	(2.1)	0.0	(0.0)	94.0	(2.1)	12.0	(2.5)	1.0	(0.8)	86.9	(2.6)
	Kyrgyzstan	49.4	(3.7)	13.2	(2.5)	37.4	(3.4)	36.5	(3.6)	9.7	(1.8)	53.8	(3.9)	34.8	(4.0)	10.6	(2.2)	54.6	(4.1)
	Latvia	56.9	(4.1)	41.6	(4.0)	1.5	(1.0)	12.0	(2.7)	40.7	(3.5)	47.3	(3.4)	47.6	(4.1)	42.1	(4.4)	10.3	(2.5)
	Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Lithuania	77.5	(3.4)	21.4	(3.4)	1.1	(0.7)	45.7	(4.2)	37.0	(4.0)	17.3	(2.7)	76.2	(3.4)	19.2	(3.2)	4.6	(1.6)
	Macao-China	100.0	(0.0)	0.0	(0.0)	0.0	(0.0)	96.8	(0.0)	2.4	(0.0)	0.7	(0.0)	89.6	(0.0)	10.4	(0.0)	0.0	(0.0)
	Montenegro	6.5	(0.2)	10.9	(0.1)	82.6	(0.2)	3.6	(0.0)	17.6	(0.1)	78.8	(0.1)	13.1	(0.2)	13.8	(0.2)	73.1	(0.2)
	Qatar	27.1	(0.1)	0.3	(0.0)	72.6	(0.1)	21.8	(0.1)	2.6	(0.1)	75.6	(0.1)	21.2	(0.1)	2.7	(0.1)	76.1	(0.1)
	Romania	81.0	(5.5)	10.7	(2.7)	8.3	(6.2)	20.2	(3.9)	24.3	(3.6)	55.4	(5.3)	65.1	(6.3)	13.4	(2.8)	21.5	(6.7)
	Russian Federation	51.2	(4.9)	36.8	(4.1)	12.0	(3.0)	20.9	(3.8)	46.1	(3.9)	33.1	(3.9)	63.5	(3.5)	30.3	(3.4)	6.1	(1.5)
	Serbia	17.3	(3.2)	49.0	(3.4)	33.6	(3.8)	2.8	(1.2)	27.7	(3.4)	69.5	(3.2)	2.4	(0.8)	7.7	(2.1)	89.9	(2.0)
	Slovenia	47.2	(0.5)	47.7	(0.5)	5.2	(0.1)	13.6	(0.3)	50.2	(0.5)	36.2	(0.3)	22.0	(0.5)	51.5	(0.6)	26.5	(0.3)
	Chinese Taipei	92.5	(1.9)	7.5	(1.9)	0.0	(0.0)	76.1	(3.3)	18.1	(2.5)	5.8	(2.3)	81.0	(2.9)	16.6	(2.8)	2.3	(1.2)
	Thailand	93.0	(1.5)	3.8	(1.3)	3.2	(1.2)	94.8	(1.9)	4.5	(1.8)	0.7	(0.7)	93.4	(1.8)	6.0	(1.7)	0.5	(0.5)
	Tunisia	0.0	(0.0)	0.0	(0.0)	100.0	(0.0)	1.6	(0.9)	1.1	(0.8)	97.3	(1.2)	0.6	(0.6)	0.0	(0.0)	99.4	(0.6)
	Uruguay	17.1	(2.0)	28.4	(2.8)	54.5	(2.8)	4.3	(1.0)	9.0	(1.4)	86.7	(1.5)	17.7	(2.0)	13.2	(2.5)	69.1	(2.6)

Note: Values that are statistically significant at the 5% level ($p<0.05$) are indicated in bold.
1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.
2. The cross-country correlation is based on all participating countries where the data are available.

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[Part 1/1]

Table 5.11 **Influence of business and industry on the school curriculum[1]**

Tableau 5.11 **Influence du monde de l'entreprise et de l'industrie sur les programmes de cours**

		Percentage of students in schools where the principal reported that business and industry have					
		No influence on the curriculum		A minor or indirect influence on the curriculum		A considerable influence on the curriculum	
		%	S.E.	%	S.E.	%	S.E.
OECD	Australia	16.5	(2.2)	74.6	(2.5)	8.9	(1.7)
	Austria	5.3	(1.7)	42.0	(3.4)	52.7	(3.2)
	Belgium	33.4	(2.9)	56.1	(3.0)	10.5	(2.2)
	Canada	17.1	(1.9)	72.7	(2.0)	10.2	(1.1)
	Czech Republic	46.1	(3.0)	42.5	(4.1)	11.4	(3.2)
	Denmark	63.6	(4.1)	34.9	(4.2)	1.5	(0.9)
	Finland	22.5	(3.5)	73.4	(3.8)	4.1	(1.7)
	France	w	w	w	w	w	w
	Germany	12.5	(2.3)	62.1	(3.4)	25.4	(3.1)
	Greece	76.6	(3.3)	19.1	(3.2)	4.3	(1.5)
	Hungary	27.7	(3.7)	63.4	(4.3)	9.0	(2.3)
	Iceland	29.3	(0.2)	66.0	(0.2)	4.7	(0.1)
	Ireland	25.2	(3.3)	60.9	(3.8)	13.9	(2.8)
	Italy	36.2	(2.4)	52.2	(2.3)	11.6	(1.6)
	Japan	62.8	(3.5)	36.2	(3.5)	1.0	(0.6)
	Korea	44.9	(3.9)	47.5	(4.1)	7.5	(2.3)
	Luxembourg	36.5	(0.1)	59.7	(0.1)	3.8	(0.0)
	Mexico	56.4	(3.0)	21.8	(2.4)	21.8	(2.3)
	Netherlands	54.0	(3.5)	41.1	(3.6)	5.0	(1.5)
	New Zealand	18.4	(2.3)	77.1	(2.7)	4.5	(1.5)
	Norway	37.8	(3.6)	58.9	(3.4)	3.2	(1.4)
	Poland	m	m	m	m	m	m
	Portugal	55.0	(4.2)	40.3	(4.2)	4.6	(1.2)
	Slovak Republic	35.0	(3.8)	48.2	(4.0)	16.8	(2.9)
	Spain	64.9	(3.1)	31.8	(3.0)	3.3	(1.2)
	Sweden	43.1	(3.9)	51.8	(4.1)	5.1	(1.6)
	Switzerland	17.4	(1.9)	66.9	(2.6)	15.8	(2.4)
	Turkey	48.6	(4.2)	44.2	(4.5)	7.2	(2.1)
	United Kingdom	10.5	(1.9)	74.3	(3.0)	15.2	(2.6)
	United States	18.1	(3.3)	67.2	(3.5)	14.7	(2.9)
	OECD total	33.5	(1.2)	53.7	(1.4)	12.8	(1.0)
	OECD average	36.3	(0.6)	53.1	(0.6)	10.6	(0.4)
Partners	Argentina	56.8	(4.5)	29.6	(4.3)	13.5	(3.4)
	Azerbaijan	30.6	(4.2)	40.1	(4.2)	29.4	(3.9)
	Brazil	60.5	(2.8)	27.8	(2.9)	11.7	(2.0)
	Bulgaria	46.5	(4.5)	39.1	(4.4)	14.4	(3.0)
	Chile	53.4	(4.6)	33.4	(4.9)	13.2	(3.9)
	Colombia	29.8	(4.1)	42.8	(5.9)	27.4	(4.9)
	Croatia	28.3	(3.1)	57.5	(3.6)	14.2	(2.2)
	Estonia	31.5	(3.1)	59.2	(3.4)	9.3	(2.1)
	Hong Kong-China	20.0	(3.2)	68.4	(3.6)	11.6	(2.8)
	Indonesia	9.1	(1.9)	40.0	(3.2)	50.9	(3.3)
	Israel	52.1	(3.7)	42.1	(4.0)	5.8	(2.0)
	Jordan	13.0	(2.6)	61.0	(4.4)	26.0	(4.0)
	Kyrgyzstan	27.2	(3.0)	51.1	(4.0)	21.8	(3.1)
	Latvia	30.3	(4.1)	53.4	(4.2)	16.3	(3.1)
	Liechtenstein	c	c	c	c	c	c
	Lithuania	18.4	(2.9)	65.1	(3.3)	16.5	(3.0)
	Macao-China	57.6	(0.1)	40.9	(0.1)	1.5	(0.0)
	Montenegro	23.6	(0.1)	44.9	(0.2)	31.5	(0.2)
	Qatar	38.6	(0.2)	46.1	(0.1)	15.3	(0.1)
	Romania	28.1	(3.9)	47.2	(4.8)	24.7	(3.9)
	Russian Federation	16.0	(3.4)	51.6	(4.2)	32.5	(3.5)
	Serbia	42.6	(3.8)	47.6	(4.0)	9.8	(2.3)
	Slovenia	61.1	(0.4)	33.7	(0.4)	5.2	(0.1)
	Chinese Taipei	32.9	(3.3)	55.3	(3.4)	11.7	(2.5)
	Thailand	10.0	(2.4)	41.7	(4.2)	48.3	(3.8)
	Tunisia	23.4	(3.8)	43.7	(4.1)	32.9	(4.2)
	Uruguay	83.9	(1.5)	13.5	(1.4)	2.6	(0.8)

1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.

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[Part 1/1]

Table 5.12a Direct influence of stakeholders on decision making at school: staffing[1]

Tableau 5.12a Influence directe des acteurs intervenant dans les décisions relatives au recrutement du personnel de l'établissement

		Percentage of students in schools where the principal reported that the following stakeholders exert a direct influence on decision making about staffing											
		Regional or national education authorities (*e.g.* inspectorates)		The school's governing board		Parent groups		Teacher groups		Student groups		External examination board	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	63.3	(2.5)	22.4	(2.4)	5.6	(1.5)	43.1	(2.7)	1.2	(0.6)	1.8	(0.8)
	Austria	95.0	(2.1)	4.0	(1.6)	0.5	(0.5)	34.3	(3.7)	1.5	(0.9)	a	a
	Belgium	62.9	(3.0)	82.7	(2.5)	6.8	(1.4)	44.5	(2.5)	3.0	(1.0)	1.5	(0.7)
	Canada	47.3	(2.7)	44.8	(2.6)	4.5	(0.9)	37.1	(2.5)	1.6	(0.5)	2.5	(0.8)
	Czech Republic	26.1	(3.4)	16.0	(3.4)	4.2	(1.6)	28.0	(4.0)	3.7	(1.5)	2.4	(1.4)
	Denmark	42.2	(3.4)	3.7	(1.7)	2.1	(1.2)	63.7	(4.1)	42.4	(4.2)	8.4	(2.4)
	Finland	42.9	(4.0)	22.7	(3.5)	1.3	(1.1)	37.0	(4.0)	2.8	(1.6)	0.7	(0.7)
	France	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	93.6	(1.9)	9.4	(1.8)	1.3	(0.7)	17.8	(2.4)	1.0	(0.7)	2.0	(0.8)
	Greece	90.7	(2.4)	2.2	(0.7)	2.1	(1.3)	10.7	(2.4)	3.0	(1.5)	a	a
	Hungary	20.0	(3.3)	90.6	(2.3)	5.9	(1.9)	44.4	(4.2)	2.7	(1.4)	40.3	(4.3)
	Iceland	11.3	(0.2)	25.3	(0.2)	0.6	(0.1)	10.0	(0.2)	a	a	a	a
	Ireland	90.7	(2.4)	59.4	(3.4)	1.9	(1.1)	22.5	(3.3)	0.6	(0.6)	4.5	(1.7)
	Italy	90.2	(1.6)	2.9	(1.1)	0.9	(0.8)	2.3	(0.8)	0.8	(0.8)	1.3	(0.6)
	Japan	66.7	(1.4)	27.2	(1.9)	a	a	4.0	(1.0)	a	a	a	a
	Korea	80.2	(3.0)	7.8	(2.2)	2.5	(1.2)	25.1	(3.7)	2.4	(1.2)	6.2	(1.9)
	Luxembourg	87.5	(0.0)	17.7	(0.1)	a	a	8.8	(0.0)	a	a	24.3	(0.1)
	Mexico	50.1	(2.7)	44.5	(2.5)	17.7	(2.2)	37.4	(2.5)	24.2	(2.7)	13.5	(1.8)
	Netherlands	36.9	(4.2)	66.4	(3.9)	4.3	(1.3)	65.1	(3.5)	4.7	(1.5)	1.5	(0.9)
	New Zealand	73.3	(3.1)	74.6	(3.0)	0.9	(0.6)	46.2	(3.3)	2.5	(1.2)	3.1	(1.2)
	Norway	17.3	(2.9)	6.2	(1.7)	a	a	34.9	(3.5)	a	a	a	a
	Poland	37.4	(3.6)	0.6	(0.6)	0.1	(0.1)	20.0	(2.8)	a	a	0.6	(0.6)
	Portugal	86.8	(1.7)	38.4	(4.0)	a	a	2.6	(1.2)	a	a	a	a
	Slovak Republic	17.4	(3.1)	17.6	(3.1)	1.8	(0.9)	49.1	(3.9)	a	a	0.6	(0.6)
	Spain	71.0	(2.1)	20.8	(2.0)	1.7	(0.8)	13.1	(2.1)	0.1	(0.0)	a	a
	Sweden	7.4	(2.0)	10.0	(2.2)	3.9	(1.5)	76.7	(3.0)	20.2	(3.5)	a	a
	Switzerland	54.9	(2.9)	83.8	(1.8)	a	a	7.7	(1.7)	0.6	(0.6)	2.3	(1.0)
	Turkey	26.9	(4.1)	3.5	(1.7)	1.9	(1.3)	1.8	(1.1)	3.0	(1.5)	1.0	(0.8)
	United Kingdom	29.1	(2.9)	88.4	(1.9)	0.8	(0.5)	20.1	(2.6)	13.9	(2.5)	4.3	(1.4)
	United States	58.1	(3.7)	86.5	(2.9)	11.5	(2.4)	36.9	(4.3)	12.1	(2.8)	13.7	(2.9)
	OECD total	58.0	(1.3)	45.9	(1.0)	6.2	(0.8)	26.5	(1.3)	7.8	(0.9)	7.1	(0.9)
	OECD average	54.4	(0.5)	33.8	(0.4)	3.5	(0.3)	29.1	(0.5)	6.7	(0.4)	6.5	(0.4)
Partners	Argentina	65.3	(3.9)	39.5	(4.2)	2.9	(1.4)	15.7	(3.0)	6.4	(1.9)	5.1	(1.5)
	Azerbaijan	37.5	(4.2)	13.6	(2.5)	5.3	(1.6)	10.8	(2.5)	2.0	(1.1)	0.8	(0.4)
	Brazil	74.8	(2.1)	37.4	(2.4)	13.6	(1.7)	5.9	(1.4)	1.2	(0.6)	2.7	(1.1)
	Bulgaria	12.5	(2.4)	9.0	(2.2)	6.1	(2.1)	28.0	(3.7)	1.4	(1.0)	2.8	(0.9)
	Chile	43.1	(3.9)	74.5	(3.3)	5.8	(2.6)	10.5	(2.7)	6.7	(2.7)	8.7	(2.9)
	Colombia	61.5	(4.1)	5.7	(1.8)	2.2	(1.4)	2.7	(1.6)	0.7	(0.5)	7.6	(2.3)
	Croatia	26.0	(3.3)	30.9	(3.6)	a	a	7.0	(2.0)	a	a	1.2	(0.7)
	Estonia	9.2	(2.2)	37.2	(3.2)	3.2	(1.1)	15.9	(2.8)	3.9	(1.4)	3.1	(1.5)
	Hong Kong-China	45.0	(4.3)	85.5	(2.6)	1.8	(1.0)	9.8	(3.2)	a	a	1.4	(1.0)
	Indonesia	66.3	(3.6)	33.3	(3.7)	a	a	6.0	(2.8)	1.0	(0.7)	8.1	(2.6)
	Israel	66.9	(4.1)	15.2	(2.8)	6.6	(2.2)	62.9	(3.9)	2.1	(1.2)	a	a
	Jordan	83.7	(2.5)	9.0	(1.7)	0.3	(0.0)	9.9	(2.4)	2.3	(1.1)	3.6	(1.5)
	Kyrgyzstan	65.7	(3.6)	32.4	(3.3)	2.1	(1.1)	21.2	(2.9)	6.4	(2.0)	9.4	(2.4)
	Latvia	62.1	(4.2)	35.4	(3.9)	33.0	(3.8)	51.6	(4.5)	20.6	(3.5)	1.5	(0.9)
	Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c
	Lithuania	23.4	(3.0)	34.0	(3.4)	18.6	(2.8)	42.3	(3.6)	9.0	(2.1)	1.1	(0.6)
	Macao-China	42.8	(0.1)	69.2	(0.1)	1.9	(0.0)	1.9	(0.0)	a	a	2.0	(0.0)
	Montenegro	13.2	(0.1)	41.4	(0.2)	19.5	(0.1)	7.4	(0.1)	13.2	(0.1)	a	a
	Qatar	63.9	(0.1)	29.5	(0.1)	1.2	(0.1)	8.3	(0.1)	2.3	(0.1)	4.1	(0.1)
	Romania	95.7	(1.6)	37.6	(4.1)	1.4	(1.0)	12.1	(2.7)	0.6	(0.6)	9.0	(2.0)
	Russian Federation	17.9	(2.9)	26.6	(2.7)	8.4	(1.9)	33.3	(4.5)	5.4	(1.5)	11.6	(2.2)
	Serbia	40.4	(3.9)	89.7	(2.3)	12.6	(2.6)	22.1	(3.2)	6.9	(2.3)	8.0	(2.1)
	Slovenia	68.3	(0.4)	14.0	(0.1)	0.7	(0.0)	22.4	(0.2)	a	a	1.7	(0.0)
	Chinese Taipei	53.1	(4.3)	90.3	(1.9)	5.8	(1.5)	16.3	(2.4)	1.1	(0.6)	12.3	(2.4)
	Thailand	79.6	(2.9)	48.8	(4.0)	17.8	(3.0)	43.2	(3.8)	14.5	(2.9)	40.6	(3.6)
	Tunisia	86.1	(2.9)	2.1	(1.0)	a	a	1.7	(0.9)	a	a	5.6	(2.0)
	Uruguay	80.2	(1.3)	21.8	(1.9)	0.8	(0.5)	3.8	(1.1)	0.4	(0.3)	2.7	(0.6)

1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.

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[Part 1/1]

Table 5.12b Direct influence of stakeholders on decision making at school: budgeting[1]

Tableau 5.12b Influence directe des acteurs intervenant dans les décisions relatives au budget de l'établissement

		Percentage of students in schools where the principal reported that the following stakeholders exert a direct influence on decision making about budgeting											
		Regional or national education authorities (e.g. inspectorates)		The school's governing board		Parent groups		Teacher groups		Student groups		External examination board	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	59.4	(2.6)	65.9	(2.4)	25.0	(2.4)	38.8	(2.6)	6.8	(1.5)	1.6	(0.8)
	Austria	65.6	(3.3)	21.0	(3.3)	7.8	(2.2)	28.8	(3.5)	0.9	(0.6)	a	a
	Belgium	55.1	(3.0)	86.2	(2.2)	10.8	(2.0)	29.2	(2.8)	3.9	(1.2)	0.4	(0.4)
	Canada	66.6	(2.4)	68.7	(2.4)	23.0	(1.9)	25.8	(2.4)	7.3	(1.5)	2.9	(0.8)
	Czech Republic	59.8	(4.6)	77.3	(3.5)	8.4	(2.0)	16.3	(2.9)	1.9	(1.1)	0.4	(0.3)
	Denmark	77.2	(3.4)	3.1	(1.4)	52.1	(3.5)	38.6	(3.7)	16.8	(3.0)	80.6	(3.5)
	Finland	53.8	(3.9)	31.7	(3.8)	2.2	(1.4)	31.9	(3.7)	5.5	(1.7)	1.5	(0.9)
	France	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	23.9	(2.9)	60.1	(3.0)	11.1	(2.3)	46.1	(3.5)	10.9	(2.2)	1.8	(0.9)
	Greece	20.2	(3.1)	85.5	(2.9)	7.4	(2.1)	1.9	(0.9)	6.4	(1.7)	a	a
	Hungary	31.9	(3.3)	77.6	(3.5)	11.6	(2.4)	28.2	(3.6)	10.9	(2.3)	64.4	(4.1)
	Iceland	4.7	(0.1)	78.3	(0.2)	4.3	(0.1)	3.0	(0.1)	2.5	(0.0)	4.9	(0.1)
	Ireland	73.2	(3.4)	70.5	(3.0)	5.1	(1.8)	7.2	(2.1)	4.6	(1.7)	4.5	(1.7)
	Italy	24.0	(2.4)	88.3	(1.8)	12.4	(1.7)	12.0	(1.7)	11.1	(1.5)	2.4	(1.1)
	Japan	60.7	(2.4)	32.1	(1.8)	10.8	(2.3)	21.9	(2.9)	5.4	(1.8)	4.3	(2.1)
	Korea	64.0	(3.8)	82.4	(3.5)	8.0	(2.2)	46.0	(4.1)	6.1	(1.7)	5.7	(1.6)
	Luxembourg	55.6	(0.0)	84.2	(0.0)	12.5	(0.0)	16.2	(0.1)	12.0	(0.1)	a	a
	Mexico	48.9	(2.8)	25.7	(2.6)	31.8	(2.7)	6.9	(1.2)	4.7	(1.0)	2.6	(0.6)
	Netherlands	58.3	(4.1)	77.6	(3.6)	11.4	(2.5)	62.8	(3.7)	2.1	(1.1)	a	a
	New Zealand	58.9	(3.2)	94.5	(1.6)	2.5	(1.2)	24.4	(2.8)	4.1	(1.3)	4.5	(1.4)
	Norway	28.7	(3.5)	55.5	(3.9)	11.5	(2.4)	47.0	(4.0)	11.1	(2.2)	2.1	(0.8)
	Poland	30.8	(3.2)	4.8	(1.6)	9.6	(2.2)	24.3	(3.3)	1.2	(0.9)	1.2	(0.9)
	Portugal	81.0	(3.1)	76.8	(3.7)	4.2	(1.5)	1.1	(0.8)	0.8	(0.7)	a	a
	Slovak Republic	52.9	(4.1)	41.2	(4.3)	14.3	(2.5)	15.0	(3.0)	0.5	(0.5)	a	a
	Spain	56.5	(2.9)	81.7	(2.2)	11.6	(2.0)	6.7	(1.4)	4.8	(1.3)	a	a
	Sweden	8.0	(2.0)	31.2	(3.2)	3.9	(1.4)	66.2	(3.6)	10.4	(2.9)	a	a
	Switzerland	71.8	(1.8)	74.2	(2.4)	1.1	(0.5)	10.3	(1.6)	0.5	(0.0)	3.8	(1.1)
	Turkey	11.1	(2.7)	38.1	(3.7)	49.5	(4.5)	5.5	(1.9)	4.7	(1.8)	1.3	(0.8)
	United Kingdom	59.1	(3.4)	90.8	(1.8)	2.5	(1.0)	7.7	(1.7)	2.2	(0.9)	3.5	(1.0)
	United States	76.6	(2.9)	93.5	(1.7)	24.9	(3.4)	35.7	(3.9)	16.2	(2.9)	10.5	(2.7)
	OECD total	54.9	(1.1)	65.8	(0.8)	19.1	(1.1)	26.3	(1.3)	8.8	(0.9)	6.0	(0.9)
	OECD average	49.6	(0.6)	62.0	(0.5)	13.5	(0.4)	24.3	(0.5)	6.1	(0.3)	9.8	(0.4)
Partners	Argentina	66.4	(4.3)	38.1	(4.4)	11.7	(2.7)	10.8	(2.6)	3.9	(1.6)	1.8	(0.8)
	Azerbaijan	58.1	(3.4)	2.9	(1.3)	4.1	(1.5)	1.7	(1.1)	2.3	(1.3)	0.7	(0.7)
	Brazil	66.8	(2.2)	54.2	(2.5)	43.7	(2.4)	28.5	(2.5)	18.7	(2.4)	3.2	(0.7)
	Bulgaria	61.2	(3.8)	6.4	(1.8)	10.4	(2.3)	12.2	(2.6)	3.2	(1.4)	11.5	(2.8)
	Chile	43.3	(3.6)	71.1	(3.0)	35.1	(3.9)	11.3	(2.8)	8.2	(1.9)	8.0	(3.0)
	Colombia	8.3	(2.3)	77.7	(3.8)	21.2	(3.7)	12.4	(3.2)	15.5	(3.7)	5.1	(1.9)
	Croatia	65.1	(3.8)	80.1	(3.1)	2.2	(1.3)	3.2	(1.4)	0.6	(0.8)	a	a
	Estonia	51.2	(3.4)	78.1	(3.0)	6.7	(1.9)	29.1	(3.1)	13.4	(2.5)	a	a
	Hong Kong-China	65.1	(4.0)	91.8	(2.4)	15.6	(2.9)	28.9	(3.6)	5.0	(1.5)	1.4	(1.0)
	Indonesia	27.4	(3.0)	79.6	(3.2)	57.4	(3.3)	14.1	(2.2)	18.8	(2.7)	2.8	(1.1)
	Israel	80.5	(3.6)	16.3	(3.2)	39.1	(4.3)	34.6	(4.1)	7.5	(2.7)	a	a
	Jordan	19.8	(3.2)	65.9	(4.0)	5.8	(1.6)	19.2	(2.6)	9.6	(2.3)	2.7	(1.2)
	Kyrgyzstan	44.1	(3.3)	13.1	(2.6)	64.2	(3.6)	8.8	(1.8)	5.4	(1.6)	13.0	(2.0)
	Latvia	31.2	(3.3)	69.4	(3.6)	44.1	(3.7)	42.9	(4.5)	26.1	(3.7)	0.2	(0.2)
	Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c
	Lithuania	74.7	(2.8)	74.0	(2.9)	33.1	(3.4)	37.1	(3.7)	9.7	(2.0)	0.9	(0.6)
	Macao-China	59.1	(0.1)	77.6	(0.1)	a	a	1.3	(0.0)	a	a	4.6	(0.0)
	Montenegro	44.4	(0.1)	72.1	(0.2)	0.9	(0.1)	3.4	(0.0)	a	a	a	a
	Qatar	61.1	(0.1)	27.2	(0.1)	0.5	(0.0)	3.6	(0.1)	1.7	(0.0)	1.9	(0.0)
	Romania	37.8	(5.7)	77.3	(5.9)	26.9	(5.4)	12.9	(3.0)	3.0	(1.8)	7.0	(1.6)
	Russian Federation	91.2	(2.0)	39.3	(3.4)	29.1	(3.2)	7.8	(1.9)	2.1	(1.0)	2.0	(1.1)
	Serbia	86.7	(2.4)	68.3	(4.5)	25.3	(3.9)	9.3	(2.3)	0.6	(0.6)	1.8	(1.1)
	Slovenia	91.2	(0.4)	69.4	(0.4)	21.7	(0.2)	9.7	(0.1)	4.2	(0.1)	0.6	(0.0)
	Chinese Taipei	74.6	(2.9)	3.7	(1.3)	8.1	(2.3)	6.6	(1.5)	1.3	(0.7)	20.9	(3.2)
	Thailand	77.6	(3.2)	75.3	(3.3)	40.7	(4.2)	40.2	(3.9)	22.3	(3.1)	29.1	(2.9)
	Tunisia	43.0	(4.3)	60.5	(4.5)	0.6	(0.7)	1.5	(1.1)	1.0	(0.6)	a	a
	Uruguay	69.5	(1.8)	17.7	(1.4)	6.5	(2.0)	5.8	(1.3)	1.3	(0.7)	5.4	(1.0)

1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.

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[Part 1/1]

Table 5.12c Direct influence of stakeholders on decision making at school: instructional content[1]

Tableau 5.12c Influence directe des acteurs intervenant dans les décisions relatives aux contenus d'enseignement de l'établissement

		Percentage of students in schools where the principal reported that the following stakeholders exert a direct influence on decision making about instructional content											
		Regional or national education authorities (*e.g.* inspectorates)		The school's governing board		Parent groups		Teacher groups		Student groups		External examination board	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	81.9	(2.1)	7.3	(1.4)	11.1	(1.7)	66.0	(2.6)	13.4	(2.2)	71.3	(2.3)
	Austria	65.3	(3.4)	43.5	(3.8)	10.2	(2.2)	69.1	(3.6)	16.5	(3.0)	a	a
	Belgium	80.5	(2.4)	27.2	(2.4)	8.0	(1.6)	37.1	(3.4)	9.1	(2.0)	6.9	(1.1)
	Canada	88.7	(1.5)	23.4	(1.8)	9.9	(1.4)	61.5	(2.4)	7.6	(1.1)	19.4	(2.1)
	Czech Republic	45.5	(4.0)	32.9	(3.7)	21.5	(3.8)	84.7	(2.5)	29.6	(4.3)	47.5	(4.0)
	Denmark	11.6	(2.6)	45.6	(4.1)	14.2	(2.6)	11.9	(2.4)	58.6	(3.8)	20.4	(3.2)
	Finland	86.8	(3.1)	28.2	(3.9)	40.2	(4.1)	86.3	(2.9)	37.9	(3.8)	11.1	(2.4)
	France	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	76.1	(2.7)	33.0	(3.1)	1.9	(0.9)	72.3	(2.7)	23.6	(2.8)	6.0	(1.6)
	Greece	88.8	(2.6)	1.1	(0.8)	0.7	(0.7)	14.3	(2.5)	3.3	(1.5)	a	a
	Hungary	58.8	(4.3)	80.9	(3.5)	30.1	(3.9)	95.2	(1.7)	36.2	(4.0)	41.2	(4.2)
	Iceland	65.8	(0.2)	0.5	(0.0)	1.7	(0.1)	9.6	(0.2)	2.7	(0.1)	2.0	(0.1)
	Ireland	72.2	(3.4)	16.9	(2.5)	14.1	(2.9)	34.0	(3.7)	9.5	(2.2)	47.1	(3.9)
	Italy	44.1	(2.7)	9.8	(1.8)	13.5	(1.6)	76.2	(2.0)	19.8	(1.9)	5.5	(1.2)
	Japan	36.5	(3.8)	14.7	(2.7)	15.3	(3.1)	90.2	(2.2)	8.5	(2.6)	6.0	(1.9)
	Korea	30.7	(3.8)	20.4	(3.0)	23.8	(3.4)	69.2	(3.8)	34.4	(3.6)	28.3	(3.5)
	Luxembourg	96.1	(0.0)	3.8	(0.0)	1.9	(0.0)	39.3	(0.1)	1.9	(0.0)	0.3	(0.0)
	Mexico	64.9	(2.6)	27.4	(2.5)	4.5	(0.9)	47.1	(2.9)	17.5	(2.4)	23.3	(2.4)
	Netherlands	56.5	(4.2)	14.8	(3.0)	23.6	(3.3)	77.6	(3.7)	23.9	(3.4)	8.5	(2.2)
	New Zealand	77.2	(2.9)	11.3	(2.3)	12.4	(1.9)	58.5	(3.3)	12.2	(2.2)	44.7	(3.0)
	Norway	82.8	(3.0)	3.8	(1.5)	6.2	(1.7)	61.9	(3.5)	18.5	(2.7)	4.0	(1.3)
	Poland	28.5	(3.7)	13.3	(2.7)	38.0	(3.6)	90.2	(2.2)	15.5	(3.0)	12.3	(2.4)
	Portugal	86.5	(2.6)	9.2	(1.8)	1.0	(0.6)	33.5	(3.3)	1.5	(0.9)	14.1	(2.6)
	Slovak Republic	60.9	(3.7)	27.6	(3.3)	26.5	(3.5)	15.8	(2.5)	13.9	(2.9)	5.2	(1.8)
	Spain	85.2	(2.3)	19.7	(2.6)	5.9	(1.6)	30.4	(2.8)	5.6	(1.5)	a	a
	Sweden	45.0	(4.0)	7.0	(1.8)	17.4	(2.9)	80.9	(2.8)	71.5	(3.3)	1.0	(1.0)
	Switzerland	87.5	(1.9)	17.8	(2.1)	2.0	(0.8)	60.0	(2.9)	6.6	(1.3)	12.1	(2.1)
	Turkey	56.9	(4.1)	17.3	(2.9)	14.3	(2.9)	48.0	(3.9)	27.1	(3.9)	16.3	(3.1)
	United Kingdom	62.1	(3.1)	18.9	(2.9)	4.6	(1.4)	21.2	(2.7)	14.7	(2.5)	72.4	(2.8)
	United States	83.4	(3.1)	67.6	(3.8)	25.0	(3.8)	81.7	(3.2)	17.3	(3.1)	33.6	(3.8)
	OECD total	65.7	(1.0)	34.6	(1.2)	16.2	(1.2)	67.4	(1.3)	18.2	(1.1)	25.3	(1.3)
	OECD average	65.8	(0.6)	22.2	(0.5)	13.8	(0.5)	56.0	(0.5)	19.3	(0.5)	21.6	(0.5)
Partners	Argentina	80.8	(3.4)	31.2	(3.4)	10.1	(1.7)	54.1	(3.9)	16.3	(2.7)	11.6	(2.6)
	Azerbaijan	32.9	(3.4)	38.2	(4.0)	34.9	(3.6)	50.6	(4.1)	35.1	(3.7)	9.5	(2.4)
	Brazil	44.9	(2.8)	69.1	(2.4)	24.5	(2.6)	66.8	(2.4)	28.6	(2.5)	13.6	(1.9)
	Bulgaria	94.8	(1.7)	24.9	(3.9)	4.6	(1.8)	27.8	(3.8)	6.6	(2.0)	19.5	(3.0)
	Chile	80.0	(2.9)	52.2	(4.9)	11.0	(2.7)	52.4	(4.7)	23.2	(3.2)	31.0	(3.9)
	Colombia	54.6	(5.3)	59.6	(5.2)	23.0	(4.0)	90.3	(2.8)	42.6	(5.6)	33.6	(4.5)
	Croatia	84.4	(2.5)	7.8	(2.0)	12.1	(2.8)	73.3	(3.4)	20.8	(3.4)	13.1	(2.7)
	Estonia	66.7	(3.0)	44.8	(3.7)	23.1	(2.8)	95.1	(1.6)	55.7	(3.4)	60.5	(3.5)
	Hong Kong-China	71.7	(3.7)	18.5	(3.1)	24.7	(4.1)	77.7	(3.3)	25.4	(4.2)	81.1	(3.3)
	Indonesia	42.2	(4.4)	3.8	(1.3)	2.5	(1.2)	83.7	(2.9)	18.0	(2.8)	11.5	(2.4)
	Israel	72.9	(3.5)	53.1	(4.2)	7.3	(2.3)	7.3	(2.3)	15.2	(3.2)	a	a
	Jordan	65.2	(3.6)	8.1	(2.3)	6.4	(1.8)	39.4	(3.9)	12.8	(2.5)	18.2	(2.8)
	Kyrgyzstan	52.3	(4.3)	48.8	(4.0)	17.8	(3.0)	52.0	(3.9)	31.9	(3.6)	29.9	(3.7)
	Latvia	68.9	(3.9)	22.6	(3.3)	17.7	(2.9)	78.9	(3.0)	19.8	(3.1)	56.3	(4.1)
	Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c
	Lithuania	82.1	(3.1)	72.9	(3.4)	58.3	(3.7)	78.6	(2.9)	73.3	(3.4)	54.6	(3.6)
	Macao-China	45.5	(0.1)	50.1	(0.1)	26.4	(0.1)	58.4	(0.1)	32.3	(0.1)	31.6	(0.1)
	Montenegro	80.5	(0.1)	3.5	(0.1)	19.7	(0.1)	38.4	(0.2)	17.0	(0.1)	20.0	(0.2)
	Qatar	71.8	(0.1)	19.0	(0.1)	11.0	(0.1)	41.0	(0.1)	7.1	(0.1)	14.8	(0.1)
	Romania	84.5	(2.8)	28.5	(3.4)	27.1	(3.8)	65.2	(5.7)	48.5	(4.7)	19.2	(3.4)
	Russian Federation	86.1	(3.9)	64.7	(3.4)	47.1	(3.9)	75.3	(3.6)	44.1	(3.4)	45.9	(3.7)
	Serbia	92.0	(2.6)	3.4	(1.4)	16.1	(2.9)	64.0	(4.1)	26.5	(3.7)	34.6	(3.3)
	Slovenia	86.4	(0.3)	7.1	(0.3)	17.5	(0.4)	82.0	(0.3)	21.3	(0.3)	63.6	(0.5)
	Chinese Taipei	59.5	(3.9)	27.0	(2.7)	51.1	(3.5)	56.4	(3.3)	44.3	(3.3)	25.2	(2.8)
	Thailand	32.3	(3.9)	61.4	(3.6)	60.0	(3.9)	83.6	(2.6)	72.2	(3.5)	69.0	(3.7)
	Tunisia	84.6	(3.2)	0.6	(0.6)	0.6	(0.6)	3.5	(1.4)	a	a	7.0	(1.8)
	Uruguay	92.7	(1.2)	17.2	(2.3)	1.9	(0.7)	25.4	(2.6)	4.0	(0.9)	6.7	(1.4)

1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.

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[Part 1/1]

Table 5.12d Direct influence of stakeholders on decision making at school: assessment practices[1]

Tableau 5.12d Influence directe des acteurs intervenant dans les décisions relatives aux pratiques d'évaluation de l'établissement

		Percentage of students in schools where the principal reported that the following stakeholders exert a direct influence on decision making about assessment practices											
		Regional or national education authorities (e.g. inspectorates)		The school's governing board		Parent groups		Teacher groups		Student groups		External examination board	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	84.3	(2.3)	7.0	(1.4)	10.0	(1.6)	69.6	(2.8)	13.2	(2.2)	82.0	(1.7)
	Austria	47.5	(4.0)	14.1	(2.9)	4.7	(1.6)	61.0	(4.1)	9.0	(2.4)	a	a
	Belgium	58.1	(3.2)	49.9	(3.0)	23.3	(2.3)	56.1	(3.3)	23.8	(2.3)	18.0	(2.5)
	Canada	79.9	(1.9)	28.6	(2.0)	10.5	(1.8)	66.6	(2.4)	7.0	(1.1)	36.7	(2.7)
	Czech Republic	60.4	(4.1)	72.1	(3.5)	35.2	(3.6)	74.5	(3.4)	37.6	(4.0)	48.0	(4.3)
	Denmark	45.7	(4.1)	93.1	(2.1)	a	a	80.2	(2.9)	47.6	(3.7)	24.7	(3.6)
	Finland	83.5	(3.1)	22.2	(3.4)	25.6	(3.9)	73.8	(3.7)	14.0	(3.2)	22.6	(3.7)
	France	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	53.6	(3.5)	39.7	(3.3)	2.4	(1.0)	76.2	(2.6)	6.9	(1.8)	12.7	(2.0)
	Greece	73.5	(3.6)	1.1	(0.8)	0.8	(0.8)	40.6	(4.2)	2.9	(1.5)	a	a
	Hungary	51.4	(4.3)	86.8	(2.6)	45.5	(3.9)	96.1	(1.6)	87.6	(3.0)	36.0	(4.3)
	Iceland	49.0	(0.2)	12.0	(0.2)	18.9	(0.2)	7.4	(0.1)	7.3	(0.2)	36.8	(0.2)
	Ireland	57.9	(3.6)	24.9	(3.0)	14.9	(2.7)	46.2	(4.3)	13.4	(2.5)	84.3	(2.9)
	Italy	16.6	(2.2)	12.3	(1.8)	8.7	(1.7)	78.4	(2.2)	9.8	(1.3)	24.3	(2.5)
	Japan	23.3	(2.9)	17.4	(3.0)	8.4	(1.9)	84.8	(3.0)	6.3	(2.0)	6.6	(1.9)
	Korea	42.2	(3.8)	20.3	(3.3)	21.3	(3.1)	66.3	(4.3)	18.2	(3.2)	32.6	(3.6)
	Luxembourg	98.1	(0.0)	16.7	(0.1)	a	a	29.9	(0.1)	a	a	24.2	(0.1)
	Mexico	43.7	(2.7)	39.6	(2.5)	6.2	(1.2)	46.0	(2.7)	24.7	(2.3)	51.0	(2.1)
	Netherlands	53.6	(3.7)	6.8	(2.0)	9.4	(2.2)	63.4	(4.2)	17.9	(3.1)	78.7	(3.1)
	New Zealand	79.3	(2.8)	10.6	(2.0)	5.2	(1.5)	58.9	(3.2)	5.3	(1.6)	95.7	(1.4)
	Norway	62.0	(3.0)	3.3	(1.3)	10.4	(2.2)	80.2	(3.2)	25.3	(3.2)	20.7	(3.3)
	Poland	30.9	(3.8)	18.1	(2.8)	62.2	(3.4)	90.6	(2.4)	74.5	(3.4)	30.3	(3.6)
	Portugal	72.3	(3.7)	43.9	(4.1)	24.4	(3.2)	40.1	(3.3)	16.3	(2.7)	67.4	(3.9)
	Slovak Republic	62.4	(4.0)	18.3	(3.1)	26.5	(3.6)	15.9	(3.1)	19.8	(3.1)	18.6	(3.1)
	Spain	64.4	(2.8)	25.4	(2.9)	6.3	(1.5)	34.9	(2.8)	8.6	(1.5)	a	a
	Sweden	49.6	(3.9)	1.7	(0.9)	3.7	(1.5)	77.0	(2.8)	15.5	(3.3)	2.8	(1.4)
	Switzerland	69.7	(2.5)	32.4	(2.7)	2.0	(0.8)	45.3	(2.9)	3.4	(1.0)	22.5	(2.7)
	Turkey	46.5	(4.6)	48.2	(4.0)	28.4	(3.8)	59.5	(4.0)	42.6	(4.2)	29.1	(4.1)
	United Kingdom	60.9	(3.0)	21.2	(3.0)	8.1	(1.8)	30.0	(2.9)	17.6	(2.6)	84.9	(2.5)
	United States	79.7	(3.4)	58.9	(4.3)	10.7	(2.7)	66.5	(3.6)	9.7	(2.9)	41.9	(3.9)
	OECD total	56.9	(1.2)	37.2	(1.4)	13.4	(0.9)	64.4	(1.2)	17.6	(1.1)	37.8	(1.3)
	OECD average	58.6	(0.6)	29.2	(0.5)	16.1	(0.5)	59.2	(0.6)	20.9	(0.5)	39.7	(0.6)
Partners	Argentina	63.1	(4.1)	31.1	(3.8)	6.5	(1.7)	47.5	(4.3)	9.2	(2.2)	22.4	(2.9)
	Azerbaijan	20.5	(2.8)	35.6	(4.0)	24.7	(3.6)	32.0	(3.5)	21.8	(3.4)	46.5	(4.3)
	Brazil	37.6	(2.7)	71.7	(2.4)	24.3	(2.6)	69.7	(2.2)	29.7	(2.6)	31.2	(2.6)
	Bulgaria	87.1	(2.9)	50.5	(4.2)	11.0	(2.4)	32.0	(4.1)	12.4	(2.6)	43.0	(3.8)
	Chile	55.5	(3.8)	56.7	(4.9)	11.1	(2.1)	55.5	(4.7)	25.7	(3.9)	30.4	(3.6)
	Colombia	45.9	(5.6)	55.8	(5.6)	32.9	(5.4)	81.2	(3.7)	60.7	(5.1)	64.3	(4.7)
	Croatia	83.9	(2.4)	11.4	(2.5)	42.3	(3.8)	75.0	(3.5)	45.7	(3.9)	34.0	(3.6)
	Estonia	62.2	(3.3)	43.6	(3.7)	19.2	(2.8)	95.2	(1.2)	50.7	(3.5)	66.7	(3.3)
	Hong Kong-China	67.8	(3.9)	20.3	(3.2)	22.4	(3.7)	69.4	(3.9)	17.1	(3.4)	92.8	(2.5)
	Indonesia	30.0	(3.3)	4.4	(1.3)	10.3	(2.1)	66.3	(4.9)	9.2	(1.8)	49.8	(4.8)
	Israel	33.5	(4.0)	69.3	(3.7)	11.5	(2.7)	9.6	(2.6)	34.8	(3.8)	a	a
	Jordan	43.9	(3.6)	42.2	(3.7)	51.4	(3.9)	41.4	(3.7)	36.8	(3.9)	47.6	(3.8)
	Kyrgyzstan	33.7	(4.1)	30.2	(3.9)	6.1	(2.2)	48.1	(3.5)	20.1	(3.4)	38.3	(3.9)
	Latvia	66.0	(3.8)	27.2	(3.7)	25.4	(3.7)	87.6	(2.4)	42.0	(4.0)	65.7	(3.5)
	Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c
	Lithuania	49.2	(4.0)	66.8	(3.7)	48.0	(3.3)	76.6	(3.2)	66.7	(3.2)	65.1	(3.5)
	Macao-China	45.3	(0.1)	47.0	(0.1)	30.1	(0.1)	50.9	(0.1)	23.5	(0.1)	36.7	(0.1)
	Montenegro	58.2	(0.2)	12.3	(0.1)	32.6	(0.1)	45.0	(0.1)	41.0	(0.2)	58.7	(0.2)
	Qatar	59.3	(0.1)	38.4	(0.1)	19.2	(0.1)	36.7	(0.1)	12.0	(0.1)	26.8	(0.1)
	Romania	69.4	(5.8)	43.7	(6.0)	12.3	(2.6)	77.2	(4.0)	23.6	(4.2)	71.2	(4.2)
	Russian Federation	60.0	(3.4)	47.0	(3.3)	15.4	(3.0)	63.4	(3.3)	30.7	(3.7)	66.5	(3.5)
	Serbia	75.4	(3.7)	5.4	(1.9)	43.4	(4.1)	57.0	(4.2)	51.4	(4.1)	44.2	(4.2)
	Slovenia	80.6	(0.3)	12.8	(0.1)	31.6	(0.3)	91.5	(0.2)	52.8	(0.6)	67.8	(0.6)
	Chinese Taipei	48.1	(3.4)	26.1	(3.0)	41.3	(3.0)	47.3	(3.4)	31.7	(3.2)	26.6	(3.0)
	Thailand	36.6	(3.6)	51.6	(3.7)	58.0	(3.7)	67.6	(3.6)	60.0	(3.8)	89.3	(2.6)
	Tunisia	64.9	(4.2)	18.8	(3.4)	9.0	(2.5)	8.0	(2.1)	4.6	(1.7)	29.1	(4.0)
	Uruguay	90.4	(1.5)	26.3	(2.8)	0.9	(0.5)	30.1	(2.7)	2.7	(0.9)	19.1	(2.4)

1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.

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[Part 1/1]

Table 5.13 School principals' perceptions of vacant science teaching positions and lack of qualified science teachers[1]

Tableau 5.13 Postes vacants d'enseignants et offre correspondante d'enseignants qualifiés dans les matières scientifiques

		Percentage of student in schools where the principal reported									
		No vacant science teaching positions to be filled		All vacant science teaching positions filled		One or more vacant science teaching positions not filled		No vacant science teaching positions to be filled or all vacant science teaching positions filled		One or more vacant science teaching positions not filled	
								of which a lack of qualified science teachers hinders instruction to some extent or a lot		of which a lack of qualified science teachers hinders instruction to some extent or a lot	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	21.7	(2.3)	74.6	(2.6)	3.7	(1.1)	29.3	(2.5)	65.8	(16.2)
	Austria	55.6	(3.7)	41.2	(3.9)	3.2	(1.0)	6.7	(1.8)	73.8	(19.9)
	Belgium	25.1	(2.5)	73.8	(2.6)	1.2	(0.7)	27.0	(3.1)	c	c
	Canada	18.0	(1.7)	80.3	(1.8)	1.7	(0.5)	20.2	(2.0)	c	c
	Czech Republic	53.8	(3.4)	44.1	(3.3)	2.1	(1.1)	15.4	(2.7)	c	c
	Denmark	37.0	(3.7)	61.2	(3.7)	1.8	(1.0)	24.0	(3.5)	c	c
	Finland	59.5	(3.8)	37.0	(3.9)	3.5	(1.3)	2.0	(1.1)	7.6	(7.9)
	France	w	w	w	w	w	w	w	w	w	w
	Germany	40.2	(2.9)	48.0	(3.0)	11.8	(2.3)	30.5	(3.1)	85.6	(6.3)
	Greece	30.9	(4.4)	69.1	(4.4)	0.0	(0.0)	10.1	(2.2)	c	c
	Hungary	57.4	(4.4)	39.6	(4.3)	3.0	(1.4)	3.9	(1.7)	43.2	(24.4)
	Iceland	31.2	(0.2)	67.2	(0.2)	1.6	(0.1)	24.3	(0.2)	c	c
	Ireland	55.5	(3.9)	44.0	(3.9)	0.5	(0.5)	8.1	(2.1)	c	c
	Italy	33.4	(2.6)	66.5	(2.6)	0.2	(0.1)	12.6	(2.0)	c	c
	Japan	11.1	(2.5)	86.0	(2.7)	3.0	(1.2)	2.9	(1.2)	c	c
	Korea	80.0	(3.2)	18.8	(3.2)	1.3	(0.9)	3.6	(1.5)	c	c
	Luxembourg	38.4	(0.0)	42.6	(0.0)	19.0	(0.0)	25.2	(0.0)	71.4	(0.1)
	Mexico	48.9	(2.9)	48.7	(3.0)	2.4	(0.6)	32.6	(2.8)	c	c
	Netherlands	34.1	(3.6)	63.0	(3.7)	2.9	(1.1)	7.3	(2.1)	c	c
	New Zealand	19.2	(2.7)	79.3	(2.8)	1.5	(0.5)	15.1	(2.6)	c	c
	Norway	m	m	m	m	m	m	m	m	m	m
	Poland	73.1	(3.6)	26.8	(3.6)	0.1	(0.1)	1.9	(1.1)	c	c
	Portugal	25.1	(3.2)	74.9	(3.2)	0.0	(0.0)	0.0	(0.0)	c	c
	Slovak Republic	2.6	(1.3)	96.6	(1.4)	0.8	(0.4)	7.0	(1.9)	c	c
	Spain	36.0	(2.4)	63.6	(2.4)	0.4	(0.3)	4.0	(1.4)	c	c
	Sweden	27.4	(3.3)	71.7	(3.5)	0.9	(0.6)	7.2	(2.2)	c	c
	Switzerland	42.1	(3.0)	56.9	(3.0)	1.0	(0.2)	15.6	(1.7)	c	c
	Turkey	62.9	(4.2)	29.6	(3.9)	7.5	(2.7)	62.2	(4.1)	100.0	(0.0)
	United Kingdom	18.6	(2.5)	72.6	(3.0)	8.8	(1.8)	11.1	(2.3)	72.0	(11.3)
	United States	26.5	(3.6)	70.7	(3.6)	2.8	(0.8)	19.7	(3.4)	c	c
	OECD total	35.8	(1.2)	60.7	(1.3)	3.5	(0.4)	18.4	(1.1)	73.6	(4.9)
	OECD average	38.0	(0.6)	58.9	(0.6)	3.3	(0.2)	15.9	(0.4)	64.9	(4.8)
Partners	Argentina	37.2	(4.7)	61.1	(4.7)	1.7	(0.5)	11.8	(3.0)	c	c
	Azerbaijan	54.7	(3.9)	32.3	(3.7)	13.0	(3.4)	59.0	(4.0)	58.4	(16.4)
	Brazil	9.2	(1.5)	80.9	(1.9)	9.9	(1.7)	23.3	(2.4)	51.2	(10.4)
	Bulgaria	69.4	(4.0)	30.6	(4.0)	0.0	(0.0)	1.3	(0.8)	c	c
	Chile	35.4	(4.4)	62.1	(4.5)	2.5	(1.3)	33.7	(5.0)	c	c
	Colombia	56.0	(5.0)	38.7	(4.7)	5.3	(2.0)	19.8	(5.8)	74.3	(16.1)
	Croatia	27.4	(3.2)	70.9	(3.2)	1.8	(1.2)	14.8	(2.7)	c	c
	Estonia	55.2	(3.7)	43.0	(3.6)	1.9	(1.3)	22.0	(3.0)	c	c
	Hong Kong-China	49.7	(4.6)	50.3	(4.6)	0.0	(0.0)	8.7	(2.3)	c	c
	Indonesia	6.4	(1.2)	59.8	(3.3)	33.8	(3.2)	23.1	(3.3)	63.4	(5.5)
	Israel	23.4	(3.9)	69.2	(4.3)	7.4	(2.4)	10.3	(3.1)	38.7	(17.5)
	Jordan	8.6	(2.5)	85.0	(2.7)	6.4	(1.9)	58.4	(4.0)	92.5	(11.1)
	Kyrgyzstan	2.7	(1.1)	72.2	(3.2)	25.1	(3.1)	60.5	(4.3)	74.9	(6.2)
	Latvia	34.1	(3.8)	64.7	(3.8)	1.2	(0.8)	15.5	(2.9)	c	c
	Liechtenstein	c	c	c	c	c	c	c	c	c	c
	Lithuania	54.2	(4.1)	45.2	(4.1)	0.6	(0.6)	15.1	(2.6)	c	c
	Macao-China	13.8	(0.0)	84.5	(0.0)	1.7	(0.0)	15.9	(0.1)	c	c
	Montenegro	48.5	(0.2)	49.7	(0.2)	1.8	(0.0)	7.2	(0.1)	c	c
	Qatar	19.6	(0.1)	77.9	(0.1)	2.5	(0.1)	25.2	(0.1)	c	c
	Romania	40.7	(5.0)	58.4	(5.0)	0.9	(0.7)	2.0	(1.1)	c	c
	Russian Federation	6.8	(2.0)	90.2	(2.2)	3.0	(1.1)	32.4	(3.5)	100.0	(0.0)
	Serbia	40.9	(4.0)	55.8	(4.1)	3.3	(1.4)	1.6	(1.0)	0.0	(0.0)
	Slovenia	22.6	(0.3)	70.5	(0.3)	7.0	(0.1)	0.3	(0.2)	0.0	(0.0)
	Chinese Taipei	19.2	(2.8)	71.1	(3.6)	9.8	(2.4)	12.3	(3.1)	29.9	(12.3)
	Thailand	41.3	(4.2)	56.7	(4.1)	2.1	(0.8)	18.2	(3.2)	c	c
	Tunisia	68.9	(4.0)	31.1	(4.0)	0.0	(0.0)	1.4	(1.0)	c	c
	Uruguay	44.9	(2.7)	52.4	(2.7)	2.7	(0.7)	20.5	(2.1)	c	c

1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.

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[Part 1/2]

Table 5.14 **Index of teacher shortage and student performance on the science scale, by quarters of the index[1] and student/teacher ratio**

Tableau 5.14 **Indice de pénurie d'enseignants et performance des élèves sur l'échelle de culture scientifique, par quartile de l'indice, et nombre d'élèves par enseignant**

		Index of teacher shortage										Performance on the science scale by quarters of the index of teacher shortage							
		All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Bottom quarter		Second quarter		Third quarter		Top quarter	
		Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD	Australia	0.33	(0.05)	-1.06	(0.00)	0.00	(0.03)	0.79	(0.02)	1.59	(0.03)	**550**	(5.4)	528	(4.3)	520	(4.8)	**509**	(5.5)
	Austria	-0.36	(0.06)	-1.06	(0.00)	-1.03	(0.01)	-0.05	(0.03)	0.69	(0.07)	516	(7.7)	512	(6.8)	523	(9.2)	494	(11.2)
	Belgium	0.49	(0.06)	-0.92	(0.03)	0.18	(0.03)	0.87	(0.02)	1.82	(0.06)	**546**	(6.1)	508	(10.4)	512	(8.0)	**482**	(8.5)
	Canada	0.17	(0.05)	-1.06	(0.00)	-0.37	(0.03)	0.54	(0.02)	1.56	(0.07)	539	(4.3)	541	(4.9)	532	(4.1)	529	(3.7)
	Czech Republic	0.15	(0.05)	-0.65	(0.05)	-0.08	(0.02)	0.30	(0.02)	1.05	(0.05)	**553**	(8.9)	515	(7.0)	509	(8.7)	**479**	(9.1)
	Denmark	0.10	(0.06)	-0.90	(0.03)	-0.09	(0.03)	0.41	(0.02)	0.97	(0.04)	501	(5.1)	496	(5.2)	496	(5.5)	493	(7.3)
	Finland	-0.28	(0.05)	-1.06	(0.00)	-0.44	(0.03)	-0.12	(0.02)	0.49	(0.05)	572	(3.7)	561	(4.1)	559	(3.7)	561	(4.3)
	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	0.36	(0.05)	-0.99	(0.02)	0.20	(0.04)	0.83	(0.02)	1.42	(0.03)	**538**	(7.4)	531	(8.0)	522	(7.0)	**474**	(11.6)
	Greece	-0.34	(0.08)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Hungary	-0.56	(0.05)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Iceland	0.04	(0.01)	-1.06	(0.00)	-0.38	(0.01)	0.36	(0.00)	1.22	(0.01)	**494**	(3.8)	496	(3.5)	487	(3.3)	**484**	(3.6)
	Ireland	-0.21	(0.07)	-1.06	(0.00)	-0.83	(0.04)	0.10	(0.02)	0.93	(0.09)	510	(5.6)	508	(6.1)	502	(6.8)	513	(6.4)
	Italy	0.06	(0.07)	-1.06	(0.00)	-0.52	(0.03)	0.52	(0.02)	1.30	(0.07)	464	(7.2)	467	(5.4)	489	(5.3)	484	(5.8)
	Japan	-0.51	(0.05)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Korea	-0.51	(0.07)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Luxembourg	1.06	(0.00)	-0.08	(0.01)	0.86	(0.00)	1.35	(0.01)	2.11	(0.00)	483	(2.6)	502	(2.4)	479	(2.4)	482	(2.2)
	Mexico	0.66	(0.05)	-0.70	(0.03)	0.52	(0.02)	1.02	(0.02)	1.81	(0.05)	**427**	(4.1)	414	(5.4)	404	(6.0)	**392**	(7.2)
	Netherlands	0.13	(0.06)	-1.06	(0.00)	-0.21	(0.04)	0.53	(0.03)	1.26	(0.07)	**538**	(8.6)	530	(7.7)	521	(12.0)	**510**	(9.7)
	New Zealand	0.37	(0.04)	-0.73	(0.05)	0.19	(0.02)	0.71	(0.02)	1.33	(0.04)	**551**	(6.9)	532	(5.7)	520	(6.2)	**523**	(4.9)
	Norway	0.35	(0.05)	-0.78	(0.05)	0.23	(0.02)	0.78	(0.01)	1.15	(0.02)	479	(9.2)	492	(4.4)	487	(4.2)	485	(4.0)
	Poland	-0.84	(0.04)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Portugal	-0.84	(0.03)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Slovak Republic	-0.05	(0.05)	-1.06	(0.00)	-0.36	(0.03)	0.21	(0.01)	1.01	(0.08)	**509**	(7.6)	492	(8.3)	487	(8.4)	**466**	(6.7)
	Spain	-0.64	(0.04)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Sweden	-0.36	(0.06)	-1.06	(0.00)	-0.97	(0.02)	-0.13	(0.02)	0.71	(0.06)	506	(4.4)	508	(4.4)	504	(4.0)	496	(6.0)
	Switzerland	-0.06	(0.04)	-1.06	(0.00)	-0.44	(0.03)	0.28	(0.02)	0.97	(0.03)	**525**	(7.0)	512	(4.6)	510	(7.9)	**501**	(7.6)
	Turkey	1.41	(0.10)	-0.09	(0.13)	1.21	(0.03)	1.71	(0.02)	2.81	(0.10)	417	(10.7)	432	(11.4)	432	(10.0)	420	(5.4)
	United Kingdom	0.08	(0.06)	-1.06	(0.00)	-0.40	(0.03)	0.43	(0.02)	1.34	(0.07)	**527**	(7.6)	527	(5.9)	512	(6.4)	**501**	(6.1)
	United States	-0.02	(0.08)	-1.06	(0.00)	-0.63	(0.05)	0.41	(0.04)	1.21	(0.07)	492	(7.5)	497	(6.1)	487	(8.0)	483	(12.1)
	OECD total	0.04	(0.03)	-1.06	(0.00)	-0.65	(0.02)	0.44	(0.02)	1.43	(0.03)	**505**	(2.3)	506	(2.3)	490	(3.4)	**462**	(4.2)
	OECD average	0.01	(0.01)	-0.89	(0.01)	-0.15	(0.01)	0.54	(0.00)	1.31	(0.01)	**511**	(1.4)	505	(1.4)	500	(1.5)	**489**	(1.5)
Partners	Argentina	-0.26	(0.07)	-1.06	(0.00)	-1.02	(0.01)	0.04	(0.05)	1.02	(0.05)	**416**	(9.2)	410	(9.6)	376	(9.3)	**366**	(12.8)
	Azerbaijan	0.63	(0.09)	-0.90	(0.04)	0.54	(0.04)	1.13	(0.02)	1.75	(0.08)	375	(5.3)	397	(6.2)	389	(6.0)	372	(3.7)
	Brazil	0.14	(0.06)	-1.06	(0.00)	-0.62	(0.04)	0.60	(0.02)	1.64	(0.08)	**417**	(6.6)	403	(5.0)	382	(4.8)	**361**	(5.6)
	Bulgaria	-0.41	(0.05)	-1.06	(0.00)	-0.82	(0.03)	-0.18	(0.02)	0.44	(0.05)	424	(10.2)	429	(9.3)	437	(9.4)	450	(15.3)
	Chile	0.50	(0.09)	-0.90	(0.04)	0.16	(0.04)	1.01	(0.03)	1.71	(0.06)	450	(10.8)	437	(8.9)	436	(9.3)	435	(8.8)
	Colombia	0.23	(0.12)	-1.06	(0.00)	-0.39	(0.06)	0.67	(0.03)	1.69	(0.15)	**401**	(7.5)	394	(5.9)	378	(7.7)	**381**	(6.0)
	Croatia	-0.26	(0.05)	-1.06	(0.00)	-0.82	(0.05)	0.09	(0.02)	0.76	(0.05)	**509**	(5.1)	501	(5.3)	480	(7.2)	**480**	(6.5)
	Estonia	0.37	(0.05)	-0.81	(0.05)	0.12	(0.02)	0.68	(0.02)	1.51	(0.05)	522	(6.1)	537	(5.4)	534	(5.1)	535	(4.4)
	Hong Kong-China	-0.20	(0.09)	-1.06	(0.00)	-0.92	(0.03)	0.08	(0.04)	1.11	(0.11)	549	(6.5)	547	(6.0)	537	(9.9)	532	(8.9)
	Indonesia	0.71	(0.06)	-0.60	(0.07)	0.47	(0.04)	1.01	(0.03)	1.94	(0.08)	**413**	(8.6)	395	(12.6)	385	(9.9)	**376**	(6.3)
	Israel	-0.25	(0.09)	-1.06	(0.00)	-0.98	(0.02)	-0.03	(0.04)	1.05	(0.14)	469	(7.8)	467	(7.4)	439	(8.7)	440	(11.1)
	Jordan	1.50	(0.10)	-0.22	(0.11)	1.10	(0.04)	1.84	(0.04)	3.27	(0.06)	**448**	(6.1)	413	(6.1)	412	(6.5)	**414**	(5.0)
	Kyrgyzstan	1.49	(0.11)	-0.38	(0.10)	1.15	(0.03)	1.94	(0.05)	3.26	(0.06)	313	(5.4)	312	(6.9)	341	(7.1)	317	(7.9)
	Latvia	0.03	(0.07)	-1.05	(0.00)	-0.21	(0.01)	0.29	(0.02)	1.08	(0.10)	487	(6.2)	484	(5.8)	492	(6.8)	495	(5.7)
	Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Lithuania	0.03	(0.07)	-1.06	(0.00)	-0.33	(0.02)	0.25	(0.02)	1.27	(0.11)	486	(5.9)	497	(8.3)	486	(7.1)	484	(7.3)
	Macao-China	0.07	(0.00)	-1.06	(0.00)	-0.70	(0.02)	0.32	(0.00)	1.70	(0.00)	**520**	(2.3)	516	(2.9)	499	(3.2)	**508**	(2.1)
	Montenegro	-0.51	(0.00)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Qatar	0.36	(0.00)	-1.06	(0.00)	-0.41	(0.01)	0.43	(0.00)	2.48	(0.01)	**372**	(2.3)	347	(2.6)	340	(2.8)	**351**	(1.8)
	Romania	-0.61	(0.06)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Russian Federation	0.52	(0.09)	-1.03	(0.01)	0.09	(0.03)	0.85	(0.03)	2.17	(0.14)	480	(6.0)	489	(6.5)	477	(6.0)	466	(8.7)
	Serbia	-0.61	(0.05)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Slovenia	-0.66	(0.01)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Chinese Taipei	-0.31	(0.10)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Thailand	0.65	(0.06)	-0.44	(0.07)	0.46	(0.03)	0.96	(0.02)	1.62	(0.07)	**441**	(7.1)	427	(4.9)	412	(4.6)	**404**	(4.8)
	Tunisia	0.14	(0.07)	-1.04	(0.01)	-0.05	(0.04)	0.58	(0.02)	1.07	(0.05)	370	(8.6)	392	(9.4)	392	(6.8)	388	(8.6)
	Uruguay	0.19	(0.06)	-1.06	(0.00)	-0.34	(0.05)	0.63	(0.02)	1.54	(0.04)	**445**	(9.2)	424	(7.2)	428	(6.6)	**416**	(6.6)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.
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[Part 2/2]

Table 5.14 Index of teacher shortage and student performance on the science scale, by quarters of the index[1] and student/teacher ratio

Tableau 5.14 Indice de pénurie d'enseignants et performance des élèves sur l'échelle de culture scientifique, par quartile de l'indice, et nombre d'élèves par enseignant

		Change in the science score per unit of the index of teacher shortage		Increased likelihood of students in the top quarter of this index scoring in the bottom quarter of the science performance distribution		Explained variance in student performance (r-squared X 100)		Student/teacher ratio			
		Effect	S.E.	Ratio	S.E.	%	S.E.	Mean	S.E.	S.D.	S.E.
OECD	Australia	**-15.2**	(2.64)	**0.7**	(0.06)	2.3	(0.81)	13.4	(0.14)	2.5	(0.35)
	Austria	-10.4	(6.12)	0.9	(0.12)	0.7	(0.90)	11.3	(0.39)	6.7	(0.53)
	Belgium	**-23.6**	(3.59)	**0.5**	(0.08)	6.4	(1.99)	9.1	(0.12)	3.0	(0.12)
	Canada	**-4.3**	(1.81)	1.0	(0.08)	0.2	(0.20)	16.7	(0.13)	3.0	(0.14)
	Czech Republic	**-43.7**	(6.98)	**0.5**	(0.10)	9.5	(3.18)	13.6	(0.28)	3.8	(0.20)
	Denmark	-4.3	(4.06)	0.9	(0.09)	0.1	(0.23)	11.7	(0.17)	2.5	(0.12)
	Finland	**-7.6**	(3.50)	0.8	(0.08)	0.3	(0.29)	11.3	(0.16)	2.2	(0.15)
	France	w	w	w	w	w	w	w	w	w	w
	Germany	**-21.9**	(5.38)	**0.7**	(0.12)	4.1	(1.96)	17.2	(0.27)	4.9	(0.31)
	Greece	c	c	c	c	c	c	8.9	(0.19)	2.7	(0.19)
	Hungary	c	c	c	c	c	c	12.1	(0.35)	4.7	(0.36)
	Iceland	**-4.0**	(1.54)	0.9	(0.08)	0.1	(0.11)	10.9	(0.01)	2.1	(0.01)
	Ireland	0.8	(4.23)	0.9	(0.11)	0.0	(0.14)	13.3	(0.14)	2.1	(0.12)
	Italy	7.5	(4.16)	1.3	(0.15)	0.6	(0.70)	9.2	(0.12)	2.7	(0.10)
	Japan	c	c	c	c	c	c	12.8	(0.30)	4.6	(0.25)
	Korea	c	c	c	c	c	c	16.3	(0.16)	2.5	(0.27)
	Luxembourg	**5.4**	(1.25)	1.0	(0.07)	0.2	(0.11)	9.5	(0.00)	1.4	(0.00)
	Mexico	**-13.0**	(2.69)	**0.7**	(0.08)	2.6	(1.00)	27.1	(0.63)	11.4	(0.43)
	Netherlands	**-12.3**	(5.23)	0.8	(0.14)	1.4	(1.22)	16.0	(0.33)	4.4	(0.60)
	New Zealand	**-15.2**	(3.69)	**0.7**	(0.10)	1.3	(0.63)	15.8	(0.21)	3.0	(0.33)
	Norway	3.8	(5.07)	1.2	(0.15)	0.1	(0.28)	10.7	(0.14)	2.0	(0.11)
	Poland	c	c	c	c	c	c	11.3	(0.14)	2.3	(0.13)
	Portugal	c	c	c	c	c	c	8.9	(0.19)	2.6	(0.17)
	Slovak Republic	**-18.1**	(4.87)	**0.7**	(0.11)	2.6	(1.41)	15.0	(0.28)	3.7	(0.21)
	Spain	c	c	c	c	c	c	12.4	(0.16)	4.3	(0.16)
	Sweden	-6.0	(3.46)	1.0	(0.10)	0.2	(0.27)	12.3	(0.20)	2.5	(0.19)
	Switzerland	**-9.8**	(4.89)	0.8	(0.09)	0.6	(0.55)	11.9	(0.16)	3.1	(0.28)
	Turkey	2.8	(2.98)	1.3	(0.18)	0.2	(0.37)	18.5	(0.63)	8.4	(0.58)
	United Kingdom	**-11.7**	(3.65)	0.9	(0.10)	1.1	(0.72)	15.3	(0.14)	2.7	(0.21)
	United States	-2.8	(5.26)	1.0	(0.14)	0.1	(0.25)	15.3	(0.41)	4.7	(0.24)
	OECD total	**-16.6**	(1.61)	**0.8**	(0.04)	2.8	(0.52)	15.5	(0.16)	6.9	(0.14)
	OECD average	**-9.3**	(0.90)	**0.9**	(0.02)	1.6	(0.23)	13.4	(0.05)	3.7	(0.05)
Partners	Argentina	**-25.1**	(7.17)	0.7	(0.16)	5.1	(2.82)	11.4	(0.63)	6.5	(0.49)
	Azerbaijan	0.8	(2.56)	1.3	(0.18)	0.0	(0.22)	9.9	(0.24)	3.2	(0.30)
	Brazil	**-19.7**	(2.91)	**0.7**	(0.08)	6.4	(1.68)	31.4	(0.95)	15.5	(0.94)
	Bulgaria	17.1	(12.22)	1.2	(0.16)	1.0	(1.48)	11.7	(0.23)	2.4	(0.30)
	Chile	-6.3	(5.40)	0.9	(0.15)	0.5	(0.81)	24.9	(0.68)	7.0	(0.42)
	Colombia	**-8.2**	(2.76)	0.8	(0.13)	1.2	(0.82)	23.9	(1.30)	11.1	(1.02)
	Croatia	**-17.5**	(4.49)	**0.7**	(0.09)	2.5	(1.32)	13.9	(0.23)	3.2	(0.20)
	Estonia	4.0	(3.24)	**1.3**	(0.16)	0.2	(0.33)	15.3	(0.16)	3.4	(0.09)
	Hong Kong-China	-9.6	(4.99)	0.9	(0.14)	1.0	(1.05)	17.9	(0.14)	2.1	(0.15)
	Indonesia	**-13.6**	(3.59)	**0.6**	(0.12)	3.9	(1.93)	18.5	(0.51)	7.6	(0.54)
	Israel	-13.0	(7.66)	0.8	(0.11)	1.2	(1.43)	12.7	(0.42)	5.7	(0.45)
	Jordan	**-9.6**	(2.22)	**0.6**	(0.08)	2.1	(0.99)	18.3	(0.35)	6.2	(0.26)
	Kyrgyzstan	1.2	(2.60)	1.1	(0.13)	0.0	(0.19)	16.4	(0.36)	5.2	(0.33)
	Latvia	5.6	(3.32)	1.0	(0.14)	0.3	(0.37)	11.7	(0.36)	3.9	(0.71)
	Liechtenstein	c	c	c	c	c	c	c	c	c	c
	Lithuania	-3.9	(3.64)	1.0	(0.12)	0.2	(0.36)	12.1	(0.18)	2.7	(0.09)
	Macao-China	**-8.5**	(0.67)	**0.8**	(0.07)	1.7	(0.26)	21.4	(0.01)	4.4	(0.01)
	Montenegro	c	c	c	c	c	c	16.6	(0.01)	4.0	(0.01)
	Qatar	**-3.6**	(0.60)	**0.8**	(0.05)	0.4	(0.13)	10.7	(0.02)	3.0	(0.03)
	Romania	c	c	c	c	c	c	16.6	(0.36)	5.3	(0.45)
	Russian Federation	-6.0	(3.75)	1.0	(0.14)	0.7	(0.91)	13.0	(0.37)	5.8	(0.53)
	Serbia	c	c	c	c	c	c	13.3	(0.23)	2.8	(0.23)
	Slovenia	c	c	c	c	c	c	14.3	(0.02)	4.9	(0.02)
	Chinese Taipei	c	c	c	c	c	c	17.7	(0.38)	5.6	(0.31)
	Thailand	**-18.2**	(4.19)	**0.7**	(0.12)	3.9	(1.77)	23.0	(0.46)	5.4	(0.31)
	Tunisia	8.6	(5.52)	**1.4**	(0.21)	0.7	(0.93)	15.6	(0.20)	2.8	(0.19)
	Uruguay	**-10.5**	(3.97)	**0.7**	(0.16)	1.4	(1.12)	15.9	(0.31)	5.5	(0.16)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.
StatLink http://dx.doi.org/10.1787/142127877152

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[Part 1/2]

Table 5.15 School principals' perceptions of the quality of the schools' educational resources and student performance on the science scale, by quarters of the index[1] and number of computers for instruction per student

Tableau 5.15 Qualité des moyens éducatifs des établissements, selon l'avis du chef d'établissement, et performance des élèves sur l'échelle de culture scientifique, par quartile de l'indice, et nombre d'ordinateur utilisés aux fins d'instruction par chaque élève

		Index of the quality of the schools' educational resources										Performance on the science scale by quarters of this index							
		All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Bottom quarter		Second quarter		Third quarter		Top quarter	
		Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD	Australia	0.40	(0.05)	-0.84	(0.06)	-0.08	(0.02)	0.58	(0.03)	1.95	(0.04)	**515**	(4.4)	514	(4.7)	528	(4.1)	**550**	(5.3)
	Austria	0.36	(0.08)	-0.85	(0.07)	-0.09	(0.02)	0.60	(0.03)	1.79	(0.07)	503	(12.1)	511	(9.1)	523	(7.1)	507	(10.4)
	Belgium	-0.03	(0.06)	-1.05	(0.04)	-0.42	(0.02)	0.12	(0.02)	1.22	(0.08)	507	(7.8)	508	(8.6)	526	(8.7)	502	(8.2)
	Canada	0.09	(0.06)	-1.02	(0.06)	-0.30	(0.01)	0.18	(0.02)	1.50	(0.07)	531	(4.6)	538	(3.7)	535	(3.7)	537	(4.6)
	Czech Republic	-0.08	(0.06)	-0.95	(0.06)	-0.34	(0.02)	0.07	(0.02)	0.91	(0.09)	514	(7.4)	513	(9.7)	510	(8.2)	520	(10.8)
	Denmark	-0.09	(0.06)	-0.96	(0.08)	-0.40	(0.02)	-0.01	(0.02)	1.00	(0.10)	493	(6.2)	486	(7.5)	506	(5.1)	499	(5.3)
	Finland	-0.23	(0.06)	-1.22	(0.06)	-0.45	(0.02)	-0.01	(0.01)	0.77	(0.10)	570	(4.2)	559	(3.5)	561	(3.7)	564	(4.8)
	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	0.11	(0.07)	-1.09	(0.06)	-0.26	(0.02)	0.32	(0.03)	1.46	(0.07)	513	(10.5)	506	(8.6)	518	(9.3)	529	(9.6)
	Greece	-0.03	(0.08)	-1.17	(0.10)	-0.23	(0.02)	0.17	(0.01)	1.12	(0.10)	**442**	(10.1)	478	(7.2)	482	(7.1)	**491**	(6.3)
	Hungary	0.20	(0.07)	-0.81	(0.07)	-0.11	(0.02)	0.35	(0.02)	1.37	(0.08)	490	(9.2)	505	(9.0)	511	(8.1)	511	(8.1)
	Iceland	0.20	(0.00)	-0.71	(0.00)	-0.27	(0.00)	0.21	(0.00)	1.56	(0.01)	**477**	(2.7)	493	(3.1)	495	(3.4)	**496**	(3.2)
	Ireland	-0.32	(0.07)	-1.33	(0.06)	-0.70	(0.02)	-0.13	(0.03)	0.89	(0.10)	508	(5.4)	509	(7.4)	505	(6.0)	512	(7.6)
	Italy	0.18	(0.05)	-0.98	(0.04)	-0.20	(0.02)	0.35	(0.01)	1.55	(0.07)	**460**	(6.7)	473	(6.1)	481	(6.0)	**487**	(6.7)
	Japan	0.45	(0.07)	-0.75	(0.07)	0.02	(0.02)	0.65	(0.03)	1.87	(0.05)	**517**	(7.6)	528	(8.6)	530	(11.5)	**551**	(8.2)
	Korea	-0.19	(0.06)	-1.12	(0.08)	-0.44	(0.02)	-0.05	(0.01)	0.85	(0.10)	513	(9.5)	514	(8.4)	532	(5.1)	530	(8.7)
	Luxembourg	0.26	(0.00)	-0.87	(0.00)	-0.07	(0.00)	0.50	(0.00)	1.49	(0.00)	481	(2.2)	493	(3.0)	491	(3.0)	480	(2.5)
	Mexico	-0.86	(0.06)	-2.20	(0.05)	-1.25	(0.02)	-0.61	(0.02)	0.63	(0.10)	**389**	(4.7)	389	(6.3)	420	(5.5)	**439**	(5.6)
	Netherlands	0.26	(0.07)	-0.73	(0.04)	-0.17	(0.02)	0.37	(0.02)	1.57	(0.08)	512	(10.8)	522	(11.4)	533	(8.2)	532	(9.3)
	New Zealand	0.30	(0.06)	-0.75	(0.03)	-0.14	(0.02)	0.40	(0.02)	1.72	(0.06)	**525**	(6.7)	525	(5.3)	529	(5.6)	**549**	(8.1)
	Norway	-0.43	(0.05)	-1.15	(0.04)	-0.65	(0.02)	-0.31	(0.01)	0.37	(0.07)	486	(4.8)	486	(8.9)	489	(5.0)	483	(4.7)
	Poland	-0.09	(0.07)	-1.08	(0.05)	-0.48	(0.02)	0.11	(0.02)	1.10	(0.10)	503	(4.7)	495	(5.4)	491	(4.4)	502	(4.4)
	Portugal	-0.38	(0.06)	-1.21	(0.05)	-0.68	(0.02)	-0.26	(0.02)	0.63	(0.13)	475	(7.7)	467	(7.2)	476	(7.0)	480	(7.4)
	Slovak Republic	-0.54	(0.05)	-1.41	(0.05)	-0.78	(0.02)	-0.38	(0.01)	0.39	(0.07)	487	(9.1)	502	(6.9)	481	(8.5)	484	(8.5)
	Spain	-0.02	(0.06)	-1.19	(0.05)	-0.41	(0.02)	0.19	(0.02)	1.32	(0.08)	**481**	(4.9)	482	(5.5)	491	(4.7)	**500**	(5.4)
	Sweden	0.05	(0.06)	-0.91	(0.04)	-0.35	(0.02)	0.17	(0.03)	1.28	(0.08)	**493**	(3.8)	504	(5.1)	510	(4.2)	**506**	(4.8)
	Switzerland	0.67	(0.06)	-0.53	(0.04)	0.14	(0.02)	0.94	(0.03)	2.13	(0.00)	**495**	(6.0)	513	(7.6)	501	(5.9)	**535**	(7.1)
	Turkey	-0.84	(0.08)	-1.94	(0.09)	-1.11	(0.03)	-0.62	(0.02)	0.32	(0.10)	407	(8.9)	433	(9.4)	427	(9.8)	434	(10.7)
	United Kingdom	0.27	(0.08)	-0.96	(0.05)	-0.22	(0.02)	0.52	(0.03)	1.74	(0.05)	**506**	(5.4)	512	(4.6)	517	(5.9)	**532**	(7.4)
	United States	0.29	(0.08)	-0.80	(0.04)	-0.14	(0.02)	0.41	(0.03)	1.68	(0.08)	483	(11.0)	477	(9.4)	498	(7.0)	500	(8.5)
	OECD total	0.03	(0.03)	-1.23	(0.02)	-0.35	(0.01)	0.21	(0.01)	1.47	(0.04)	**462**	(3.5)	489	(3.1)	499	(3.0)	**514**	(2.9)
	OECD average	0.00	(0.01)	-1.05	(0.01)	-0.36	(0.00)	0.17	(0.00)	1.25	(0.01)	**492**	(1.4)	498	(1.3)	503	(1.2)	**508**	(1.4)
Partners	Argentina	-0.55	(0.08)	-2.18	(0.10)	-0.86	(0.03)	-0.27	(0.04)	1.10	(0.11)	**349**	(9.3)	379	(14.5)	408	(11.1)	**432**	(8.3)
	Azerbaijan	-1.37	(0.05)	-2.36	(0.06)	-1.62	(0.02)	-1.14	(0.03)	-0.35	(0.06)	**374**	(5.7)	381	(5.6)	385	(4.9)	**391**	(6.3)
	Brazil	-0.98	(0.06)	-2.40	(0.06)	-1.42	(0.02)	-0.87	(0.02)	0.79	(0.09)	**351**	(4.3)	375	(5.0)	394	(5.7)	**442**	(6.8)
	Bulgaria	-0.58	(0.05)	-1.41	(0.05)	-0.80	(0.02)	-0.39	(0.01)	0.26	(0.08)	423	(12.1)	428	(12.6)	447	(14.3)	438	(12.8)
	Chile	-0.63	(0.09)	-2.01	(0.12)	-0.85	(0.02)	-0.27	(0.02)	0.61	(0.08)	**412**	(9.4)	432	(7.8)	444	(8.0)	**467**	(8.5)
	Colombia	-1.17	(0.07)	-2.45	(0.11)	-1.51	(0.02)	-0.95	(0.03)	0.22	(0.09)	**373**	(5.1)	386	(6.6)	374	(8.0)	**421**	(7.2)
	Croatia	-0.55	(0.06)	-1.44	(0.04)	-0.84	(0.02)	-0.38	(0.02)	0.44	(0.09)	492	(7.0)	483	(7.8)	500	(6.0)	499	(7.9)
	Estonia	-0.28	(0.05)	-1.04	(0.04)	-0.54	(0.02)	-0.18	(0.01)	0.63	(0.09)	528	(5.0)	528	(6.4)	537	(5.3)	533	(5.6)
	Hong Kong-China	0.35	(0.08)	-0.76	(0.09)	0.02	(0.02)	0.52	(0.02)	1.61	(0.07)	539	(8.8)	544	(7.4)	539	(9.5)	547	(9.0)
	Indonesia	-1.63	(0.09)	-3.33	(0.03)	-2.09	(0.03)	-1.14	(0.06)	0.06	(0.13)	**373**	(7.4)	381	(6.0)	404	(10.4)	**413**	(11.7)
	Israel	0.07	(0.09)	-1.29	(0.07)	-0.32	(0.03)	0.27	(0.03)	1.61	(0.09)	444	(9.2)	443	(9.6)	466	(9.5)	464	(10.3)
	Jordan	-0.74	(0.08)	-1.88	(0.08)	-1.05	(0.02)	-0.52	(0.03)	0.51	(0.14)	**411**	(6.8)	412	(4.7)	425	(6.6)	**439**	(8.9)
	Kyrgyzstan	-2.31	(0.06)	-3.44	(0.00)	-2.78	(0.04)	-1.98	(0.03)	-1.07	(0.08)	**309**	(7.2)	321	(6.3)	322	(6.3)	**333**	(6.7)
	Latvia	-0.54	(0.04)	-1.40	(0.06)	-0.71	(0.01)	-0.32	(0.02)	0.29	(0.05)	493	(6.7)	491	(7.7)	484	(5.8)	490	(6.0)
	Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Lithuania	-0.39	(0.05)	-1.17	(0.06)	-0.60	(0.01)	-0.23	(0.02)	0.45	(0.07)	475	(6.8)	491	(8.6)	494	(6.8)	492	(6.1)
	Macao-China	0.06	(0.00)	-0.97	(0.00)	-0.10	(0.00)	0.45	(0.00)	0.87	(0.00)	**510**	(1.8)	510	(2.0)	499	(3.2)	**524**	(1.7)
	Montenegro	-1.26	(0.00)	-2.35	(0.01)	-1.49	(0.00)	-1.12	(0.00)	-0.08	(0.01)	404	(2.0)	411	(3.5)	426	(3.3)	406	(1.9)
	Qatar	-0.08	(0.00)	-1.42	(0.00)	-0.58	(0.00)	0.18	(0.00)	1.49	(0.00)	**338**	(2.3)	343	(1.8)	360	(2.1)	**374**	(1.7)
	Romania	-0.74	(0.07)	-1.76	(0.09)	-0.91	(0.02)	-0.58	(0.03)	0.27	(0.09)	**398**	(9.7)	420	(9.0)	415	(13.1)	**441**	(7.1)
	Russian Federation	-1.18	(0.04)	-2.15	(0.05)	-1.36	(0.02)	-0.98	(0.02)	-0.22	(0.07)	**467**	(5.5)	482	(7.9)	480	(6.1)	**489**	(5.9)
	Serbia	-0.69	(0.05)	-1.60	(0.07)	-0.89	(0.02)	-0.44	(0.02)	0.16	(0.04)	441	(8.0)	422	(7.7)	441	(8.0)	438	(6.9)
	Slovenia	0.22	(0.01)	-0.61	(0.01)	-0.08	(0.00)	0.28	(0.00)	1.27	(0.01)	**501**	(2.3)	521	(3.2)	526	(3.3)	**528**	(3.0)
	Chinese Taipei	0.59	(0.12)	-1.34	(0.18)	0.35	(0.02)	1.23	(0.03)	2.14	(0.00)	522	(11.3)	540	(7.4)	534	(5.7)	537	(7.9)
	Thailand	-0.67	(0.07)	-2.06	(0.09)	-0.95	(0.02)	-0.30	(0.02)	0.64	(0.12)	**400**	(5.5)	405	(4.0)	428	(7.0)	**451**	(6.4)
	Tunisia	-0.69	(0.05)	-1.53	(0.05)	-0.97	(0.02)	-0.52	(0.02)	0.26	(0.08)	386	(7.5)	386	(9.4)	379	(7.4)	390	(8.6)
	Uruguay	-0.72	(0.07)	-2.43	(0.07)	-1.15	(0.04)	-0.35	(0.03)	1.07	(0.10)	**406**	(4.9)	415	(6.5)	430	(6.2)	**460**	(11.1)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.
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[Part 1/2]

Table 5.15 School principals' perceptions of the quality of the schools' educational resources and student performance on the science scale, by quarters of the index[1] and number of computers for instruction per student

Tableau 5.15 Qualité des moyens éducatifs des établissements, selon l'avis du chef d'établissement, et performance des élèves sur l'échelle de culture scientifique, par quartile de l'indice, et nombre d'ordinateur utilisés aux fins d'instruction par chaque élève

		Change in the science score per unit of this index		Increased likelihood of students in the top quarter of this index scoring in the bottom quarter of the science performance distribution		Explained variance in student performance (r-squared X 100)		Computers for instruction per student			
		Effect	S.E.	Ratio	S.E.	%	S.E.	Mean	S.E.	S.D.	S.E.
OECD	Australia	**13.4**	(2.16)	**1.2**	(0.09)	2.1	(0.62)	0.26	(0.01)	0.16	(0.02)
	Austria	1.9	(5.97)	1.2	(0.24)	0.0	(0.45)	0.23	(0.01)	0.18	(0.02)
	Belgium	-0.6	(4.53)	1.0	(0.14)	0.0	(0.18)	0.14	(0.01)	0.13	(0.02)
	Canada	2.4	(2.21)	1.1	(0.09)	0.1	(0.14)	0.19	(0.01)	0.12	(0.01)
	Czech Republic	3.0	(6.42)	1.0	(0.15)	0.1	(0.29)	0.12	(0.01)	0.14	(0.04)
	Denmark	3.1	(3.11)	1.1	(0.12)	0.1	(0.16)	0.18	(0.01)	0.08	(0.01)
	Finland	-1.4	(3.19)	**0.8**	(0.08)	0.0	(0.10)	0.15	(0.01)	0.08	(0.01)
	France	w	w	w	w	w	w	w	w	w	w
	Germany	6.6	(4.92)	1.0	(0.19)	0.4	(0.75)	0.09	(0.00)	0.07	(0.01)
	Greece	**17.3**	(5.58)	**1.9**	(0.29)	3.2	(1.88)	0.08	(0.00)	0.07	(0.01)
	Hungary	7.5	(5.98)	1.3	(0.22)	0.6	(0.93)	0.19	(0.01)	0.18	(0.02)
	Iceland	**5.5**	(1.57)	**1.3**	(0.09)	0.3	(0.16)	0.15	(0.00)	0.09	(0.00)
	Ireland	1.7	(4.98)	1.0	(0.12)	0.0	(0.24)	0.10	(0.00)	0.06	(0.00)
	Italy	**9.7**	(3.64)	**1.4**	(0.16)	1.0	(0.77)	0.12	(0.01)	0.13	(0.01)
	Japan	**11.9**	(3.91)	1.2	(0.16)	1.4	(1.00)	0.20	(0.02)	0.20	(0.03)
	Korea	5.5	(6.55)	1.2	(0.19)	0.3	(0.64)	0.18	(0.01)	0.18	(0.01)
	Luxembourg	-0.6	(1.18)	1.1	(0.06)	0.0	(0.02)	0.24	(0.00)	0.23	(0.00)
	Mexico	**18.3**	(2.29)	**1.5**	(0.17)	6.8	(1.56)	0.07	(0.01)	0.09	(0.01)
	Netherlands	8.9	(6.27)	1.3	(0.23)	0.7	(1.05)	0.15	(0.01)	0.08	(0.01)
	New Zealand	**12.5**	(3.81)	1.1	(0.13)	1.3	(0.78)	0.19	(0.01)	0.10	(0.02)
	Norway	-1.4	(4.11)	1.0	(0.10)	0.0	(0.07)	0.22	(0.01)	0.10	(0.01)
	Poland	1.3	(2.52)	0.9	(0.10)	0.0	(0.09)	0.07	(0.00)	0.07	(0.01)
	Portugal	6.9	(4.95)	1.0	(0.15)	0.4	(0.70)	0.07	(0.00)	0.04	(0.00)
	Slovak Republic	-6.9	(5.83)	1.0	(0.19)	0.3	(0.59)	0.08	(0.00)	0.06	(0.01)
	Spain	**7.5**	(2.87)	1.2	(0.10)	0.7	(0.53)	0.10	(0.00)	0.09	(0.00)
	Sweden	4.5	(3.09)	1.2	(0.09)	0.2	(0.26)	0.12	(0.01)	0.09	(0.01)
	Switzerland	**12.8**	(3.39)	**1.2**	(0.11)	1.7	(0.93)	0.17	(0.01)	0.13	(0.02)
	Turkey	5.3	(5.05)	1.4	(0.23)	0.3	(0.70)	0.05	(0.00)	0.05	(0.01)
	United Kingdom	**9.3**	(3.59)	1.2	(0.11)	0.8	(0.68)	0.28	(0.01)	0.12	(0.02)
	United States	**10.4**	(5.24)	1.1	(0.22)	0.9	(0.98)	0.23	(0.01)	0.13	(0.01)
	OECD total	**19.1**	(1.49)	**1.6**	(0.09)	3.8	(0.59)	0.16	(0.00)	0.14	(0.01)
	OECD average	**6.1**	(0.81)	**1.2**	(0.03)	0.8	(0.14)	0.15	(0.00)	0.11	(0.00)
Partners	Argentina	**27.2**	(3.39)	**1.9**	(0.37)	12.1	(3.09)	0.04	(0.00)	0.04	(0.01)
	Azerbaijan	6.0	(4.13)	1.3	(0.19)	0.8	(1.07)	0.01	(0.00)	0.01	(0.00)
	Brazil	**30.2**	(2.14)	**1.9**	(0.18)	19.0	(2.46)	0.02	(0.00)	0.05	(0.02)
	Bulgaria	11.8	(10.08)	1.2	(0.19)	0.6	(1.04)	0.05	(0.00)	0.03	(0.00)
	Chile	**22.2**	(3.39)	**1.7**	(0.21)	6.6	(2.25)	0.04	(0.00)	0.03	(0.00)
	Colombia	**16.8**	(3.19)	**1.3**	(0.14)	4.6	(1.62)	0.10	(0.02)	0.21	(0.04)
	Croatia	3.8	(5.37)	1.0	(0.15)	0.1	(0.37)	0.06	(0.00)	0.04	(0.00)
	Estonia	-1.2	(5.01)	1.0	(0.13)	0.0	(0.17)	0.07	(0.00)	0.04	(0.00)
	Hong Kong-China	5.0	(4.98)	1.1	(0.17)	0.3	(0.58)	0.20	(0.01)	0.08	(0.01)
	Indonesia	**12.3**	(3.78)	1.4	(0.24)	5.5	(3.11)	0.03	(0.00)	0.04	(0.01)
	Israel	6.7	(4.03)	1.1	(0.15)	0.5	(0.56)	0.10	(0.01)	0.07	(0.01)
	Jordan	**12.5**	(3.00)	1.2	(0.15)	1.8	(0.91)	0.05	(0.00)	0.03	(0.00)
	Kyrgyzstan	**10.7**	(3.68)	1.3	(0.16)	1.6	(1.12)	0.01	(0.00)	0.02	(0.01)
	Latvia	-0.8	(4.83)	0.9	(0.13)	0.0	(0.12)	0.06	(0.00)	0.04	(0.00)
	Liechtenstein	c	c	c	c	c	c	c	c	c	c
	Lithuania	**12.4**	(4.81)	1.2	(0.15)	0.9	(0.69)	0.06	(0.00)	0.03	(0.00)
	Macao-China	**4.8**	(1.29)	1.1	(0.05)	0.2	(0.11)	0.13	(0.00)	0.05	(0.00)
	Montenegro	**3.6**	(0.91)	1.0	(0.07)	0.2	(0.09)	0.03	(0.00)	0.04	(0.00)
	Qatar	**15.1**	(0.80)	**1.2**	(0.07)	4.0	(0.43)	0.12	(0.00)	0.10	(0.00)
	Romania	**16.6**	(6.17)	1.8	(0.42)	3.0	(2.13)	0.06	(0.00)	0.05	(0.01)
	Russian Federation	**10.7**	(3.59)	1.2	(0.12)	0.9	(0.58)	0.03	(0.00)	0.02	(0.00)
	Serbia	1.7	(6.32)	0.9	(0.15)	0.0	(0.25)	0.05	(0.00)	0.04	(0.01)
	Slovenia	**4.5**	(2.15)	**1.2**	(0.07)	0.1	(0.12)	0.14	(0.00)	0.16	(0.00)
	Chinese Taipei	5.8	(4.17)	1.3	(0.23)	0.7	(1.10)	0.14	(0.01)	0.12	(0.02)
	Thailand	**18.5**	(2.80)	**1.5**	(0.16)	6.9	(1.82)	0.08	(0.00)	0.07	(0.01)
	Tunisia	-0.8	(5.49)	1.0	(0.16)	0.0	(0.22)	0.02	(0.00)	0.01	(0.00)
	Uruguay	**17.2**	(2.62)	**1.4**	(0.18)	6.2	(1.97)	0.05	(0.00)	0.05	(0.00)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.
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[Part 1/2]

Table 5.16 Percentage of students taking various science courses[1]

Tableau 5.16 Pourcentage d'élèves par matière scientifique

		Students taking various science courses											
		General science courses				Biology courses				Physics courses			
		Compulsory		Optional		Compulsory		Optional		Compulsory		Optional	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	64.0	(1.1)	27.3	(1.0)	26.0	(0.9)	15.4	(0.6)	26.7	(1.0)	12.5	(0.6)
	Austria	a	a	a	a	55.4	(1.6)	11.1	(0.8)	48.8	(1.8)	5.6	(0.5)
	Belgium	55.0	(1.2)	12.4	(0.5)	46.5	(1.3)	8.0	(0.6)	55.1	(1.4)	11.9	(0.6)
	Canada	84.4	(0.4)	17.8	(0.5)	31.1	(0.7)	11.9	(0.4)	32.8	(0.6)	8.2	(0.3)
	Czech Republic	47.9	(1.3)	11.2	(0.9)	65.8	(2.8)	7.6	(0.8)	80.7	(2.3)	5.7	(0.7)
	Denmark	15.9	(0.8)	7.1	(0.5)	85.9	(0.8)	9.2	(0.7)	89.3	(0.7)	10.6	(0.7)
	Finland	86.2	(0.8)	7.1	(0.7)	95.1	(0.5)	4.6	(0.5)	94.7	(0.5)	4.5	(0.5)
	France	a	a	a	a	82.1	(1.3)	5.2	(0.5)	92.9	(0.4)	5.2	(0.4)
	Germany	68.9	(1.1)	20.5	(1.1)	73.5	(1.2)	11.2	(0.8)	81.0	(0.9)	8.9	(0.6)
	Greece	a	a	a	a	22.1	(0.7)	11.5	(0.6)	83.5	(0.8)	29.1	(0.8)
	Hungary	a	a	a	a	61.5	(2.1)	7.6	(0.6)	78.4	(1.7)	8.3	(0.6)
	Iceland	86.2	(0.5)	31.9	(0.7)	71.0	(0.7)	21.0	(0.6)	72.3	(0.6)	22.7	(0.5)
	Ireland	50.3	(2.1)	31.7	(1.5)	a	a	23.1	(0.9)	a	a	10.5	(0.7)
	Italy	54.5	(1.3)	a	a	65.5	(1.7)	a	a	49.9	(1.3)	a	a
	Japan	87.7	(1.2)	13.0	(1.0)	45.6	(2.0)	9.3	(0.7)	42.9	(2.0)	7.3	(0.5)
	Korea	89.9	(1.1)	45.6	(1.8)	a	a	41.9	(1.8)	a	a	45.7	(1.8)
	Luxembourg	a	a	a	a	78.7	(0.5)	16.1	(0.5)	65.8	(0.5)	12.0	(0.5)
	Mexico	21.9	(0.7)	18.1	(0.8)	22.6	(0.9)	19.8	(0.9)	39.7	(1.0)	28.1	(0.9)
	Netherlands	54.2	(1.3)	21.3	(0.7)	47.4	(1.4)	24.7	(1.0)	48.8	(1.1)	19.4	(0.7)
	New Zealand	70.0	(1.5)	32.1	(1.3)	30.4	(1.2)	18.2	(0.9)	31.3	(1.1)	17.0	(0.8)
	Norway	100.0	(0.0)	a	a	a	a	a	a	a	a	a	a
	Poland	a	a	a	a	100.0	(0.0)	a	a	100.0	(0.0)	a	a
	Portugal	72.9	(1.1)	30.8	(0.9)	23.8	(1.2)	15.7	(0.6)	48.6	(1.1)	20.1	(0.8)
	Slovak Republic	a	a	a	a	65.9	(2.1)	9.7	(0.6)	80.1	(2.2)	8.1	(0.6)
	Spain	58.4	(0.9)	29.3	(0.8)	56.6	(1.0)	33.2	(1.0)	64.4	(0.7)	35.4	(0.9)
	Sweden	57.1	(1.2)	5.1	(0.4)	58.8	(1.2)	4.6	(0.3)	60.2	(1.2)	4.7	(0.3)
	Switzerland	73.0	(1.0)	14.0	(0.7)	54.9	(1.3)	6.6	(0.4)	58.4	(1.2)	8.1	(0.4)
	Turkey	44.9	(1.6)	20.3	(0.8)	49.7	(1.8)	21.2	(1.0)	54.5	(1.9)	22.8	(1.0)
	United Kingdom	m	m	m	m	m	m	m	m	m	m	m	m
	United States	64.5	(1.0)	25.9	(0.7)	52.2	(1.9)	15.2	(0.7)	16.9	(0.9)	11.0	(0.7)
	OECD total	60.4	(0.4)	22.4	(0.3)	52.1	(0.7)	15.8	(0.3)	45.4	(0.4)	15.3	(0.3)
	OECD average	64.0	(0.2)	21.1	(0.2)	56.5	(0.3)	14.8	(0.2)	61.4	(0.2)	14.7	(0.1)
Partners	Argentina	16.4	(0.9)	10.1	(0.8)	17.2	(1.1)	11.1	(0.9)	21.3	(1.1)	12.7	(0.9)
	Azerbaijan	a	a	a	a	70.3	(1.0)	43.1	(1.5)	69.2	(1.1)	43.8	(1.5)
	Brazil	8.0	(0.5)	5.5	(0.4)	9.6	(0.7)	5.8	(0.4)	11.2	(0.7)	7.3	(0.4)
	Bulgaria	a	a	a	a	90.0	(0.8)	27.4	(1.3)	88.2	(0.7)	22.8	(1.1)
	Chile	51.4	(1.2)	15.9	(1.1)	67.4	(1.4)	17.3	(0.8)	67.1	(1.4)	15.7	(0.7)
	Colombia	12.8	(0.9)	14.9	(2.2)	12.7	(0.9)	15.0	(2.1)	15.6	(0.9)	18.3	(2.2)
	Croatia	a	a	a	a	63.1	(1.4)	3.6	(0.4)	58.6	(2.6)	2.7	(0.3)
	Estonia	41.6	(0.9)	9.9	(0.5)	78.5	(1.0)	14.2	(0.8)	76.8	(1.0)	10.3	(0.5)
	Hong Kong-China	22.7	(0.8)	11.0	(0.7)	44.5	(1.0)	15.5	(0.8)	46.4	(0.9)	13.9	(0.7)
	Indonesia	80.9	(1.0)	48.6	(1.0)	73.6	(2.9)	43.2	(1.4)	77.3	(1.1)	43.8	(0.9)
	Israel	49.1	(1.3)	27.3	(1.1)	47.3	(1.5)	23.3	(0.8)	39.2	(1.5)	22.2	(0.9)
	Jordan	51.5	(1.9)	28.4	(1.3)	71.8	(1.3)	28.3	(1.2)	71.9	(1.3)	27.4	(1.2)
	Kyrgyzstan	64.6	(1.0)	43.0	(1.2)	72.5	(0.9)	46.3	(1.1)	67.6	(1.1)	42.3	(1.1)
	Latvia	73.5	(0.9)	22.7	(0.9)	90.0	(0.6)	17.3	(0.9)	91.7	(0.7)	17.4	(0.9)
	Liechtenstein	78.2	(2.3)	22.5	(2.1)	79.7	(2.2)	15.2	(1.8)	74.1	(2.2)	15.0	(1.9)
	Lithuania	a	a	a	a	78.8	(0.8)	11.6	(0.6)	81.0	(0.7)	11.7	(0.6)
	Macao-China	33.1	(0.7)	17.7	(0.6)	35.0	(0.5)	16.1	(0.6)	47.4	(0.8)	19.0	(0.7)
	Montenegro	76.6	(0.8)	31.9	(0.8)	78.8	(0.6)	22.6	(0.7)	80.8	(0.6)	20.8	(0.7)
	Qatar	60.4	(0.7)	36.6	(0.7)	56.2	(0.7)	32.6	(0.6)	56.5	(0.7)	33.1	(0.7)
	Romania	29.3	(1.4)	21.5	(1.0)	41.1	(1.5)	20.2	(1.1)	44.4	(1.8)	20.0	(1.0)
	Russian Federation	2.9	(0.8)	1.3	(0.3)	98.7	(0.3)	1.4	(0.4)	98.4	(0.4)	1.4	(0.4)
	Serbia	a	a	a	a	72.1	(1.4)	a	a	78.9	(1.1)	a	a
	Slovenia	55.9	(0.8)	5.8	(0.4)	77.3	(0.3)	7.2	(0.4)	65.8	(0.4)	5.4	(0.4)
	Chinese Taipei	33.8	(0.9)	15.0	(0.6)	34.9	(1.3)	14.7	(0.6)	72.8	(1.5)	15.9	(0.7)
	Thailand	81.0	(1.0)	50.5	(1.0)	61.5	(1.4)	41.4	(1.0)	55.7	(1.2)	37.9	(1.0)
	Tunisia	64.6	(1.0)	44.8	(1.2)	47.9	(1.0)	34.2	(0.9)	66.9	(0.9)	43.8	(1.0)
	Uruguay	37.8	(1.1)	7.4	(0.5)	54.0	(1.1)	9.8	(0.7)	56.9	(1.0)	9.8	(0.7)

1. Results based on students' self-reports.

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[Part 2/2]

Table 5.16 Percentage of students taking various science courses[1]

Tableau 5.16 Pourcentage d'élèves par matière scientifique

		Students taking various science courses				Students taking any science courses that are					
		Chemistry courses									
		Compulsory		Optional		Compulsory		Optional		Compulsory or optional	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	28.2	(0.9)	13.7	(0.6)	66.3	(1.0)	33.3	(1.1)	81.3	(0.6)
	Austria	38.8	(2.0)	6.2	(0.5)	83.0	(1.0)	15.9	(0.9)	84.3	(1.0)
	Belgium	47.9	(1.2)	9.7	(0.5)	86.2	(0.7)	23.5	(0.8)	87.7	(0.6)
	Canada	26.8	(0.6)	8.4	(0.4)	91.3	(0.3)	24.9	(0.6)	94.2	(0.3)
	Czech Republic	76.3	(2.3)	5.5	(0.8)	88.3	(1.8)	18.0	(1.2)	89.4	(1.7)
	Denmark	89.3	(0.7)	13.0	(0.6)	90.4	(0.7)	20.6	(0.8)	91.1	(0.6)
	Finland	73.3	(1.6)	3.8	(0.6)	97.8	(0.4)	11.9	(0.9)	97.9	(0.4)
	France	92.9	(0.4)	5.2	(0.4)	94.7	(0.3)	8.4	(0.6)	95.0	(0.3)
	Germany	78.7	(1.1)	9.6	(0.8)	91.2	(0.5)	26.8	(1.2)	93.9	(0.5)
	Greece	81.4	(0.8)	25.2	(0.8)	87.6	(0.6)	36.3	(1.0)	90.2	(0.5)
	Hungary	77.9	(1.5)	7.9	(0.5)	87.5	(1.1)	14.2	(0.7)	88.4	(1.1)
	Iceland	63.5	(0.7)	21.3	(0.6)	91.7	(0.4)	35.6	(0.7)	95.1	(0.3)
	Ireland	a	a	10.0	(0.6)	50.3	(2.1)	46.3	(1.4)	84.9	(1.0)
	Italy	47.3	(1.4)	a	a	90.1	(1.3)	a	a	90.1	(1.3)
	Japan	66.3	(2.0)	9.6	(0.6)	91.1	(1.1)	19.8	(1.1)	92.0	(1.1)
	Korea	a	a	43.9	(1.8)	89.9	(1.1)	64.5	(1.8)	91.9	(1.0)
	Luxembourg	64.9	(0.5)	12.2	(0.5)	84.7	(0.4)	21.7	(0.5)	87.7	(0.4)
	Mexico	51.0	(1.0)	35.0	(1.0)	59.8	(0.9)	45.6	(0.9)	69.8	(0.9)
	Netherlands	44.8	(1.2)	17.1	(0.7)	80.2	(0.9)	38.8	(1.1)	86.9	(0.8)
	New Zealand	31.6	(1.1)	17.0	(0.8)	73.7	(1.4)	43.3	(1.5)	90.4	(0.7)
	Norway	a	a	a	a	100.0	(0.0)	a	a	100.0	(0.0)
	Poland	100.0	(0.0)	a	a	100.0	(0.0)	a	a	100.0	(0.0)
	Portugal	45.8	(1.1)	18.1	(0.7)	78.0	(1.0)	37.8	(1.0)	82.2	(0.8)
	Slovak Republic	78.0	(1.8)	7.2	(0.6)	94.5	(0.5)	15.9	(0.8)	95.3	(0.5)
	Spain	61.8	(0.7)	34.3	(0.9)	79.6	(0.8)	49.5	(1.0)	91.6	(0.5)
	Sweden	58.8	(1.1)	5.0	(0.4)	65.3	(1.1)	8.7	(0.5)	66.2	(1.1)
	Switzerland	52.3	(1.3)	7.6	(0.4)	88.3	(0.7)	20.3	(0.7)	89.7	(0.7)
	Turkey	49.4	(1.8)	20.7	(0.8)	60.8	(1.9)	30.2	(1.2)	64.8	(1.9)
	United Kingdom	m	m	m	m	m	m	m	m	m	m
	United States	27.3	(1.5)	12.7	(0.7)	85.7	(0.8)	38.8	(0.9)	91.7	(0.6)
	OECD total	50.1	(0.6)	16.4	(0.3)						
	OECD average	59.8	(0.3)	14.6	(0.1)	83.7	(0.2)	28.9	(0.2)	87.4	(0.2)
Partners	Argentina	15.6	(1.0)	10.4	(0.8)	30.5	(1.4)	21.8	(1.2)	36.7	(1.4)
	Azerbaijan	68.5	(1.1)	41.9	(1.6)	78.3	(0.9)	56.2	(1.6)	86.9	(0.7)
	Brazil	10.9	(0.7)	6.5	(0.4)	16.6	(0.7)	13.1	(0.6)	20.3	(0.8)
	Bulgaria	88.4	(0.8)	24.2	(1.3)	93.4	(0.5)	35.2	(1.4)	94.7	(0.5)
	Chile	67.7	(1.3)	16.4	(0.9)	75.1	(1.3)	28.8	(1.1)	78.7	(1.1)
	Colombia	15.8	(0.8)	19.2	(2.9)	24.8	(1.2)	30.4	(2.4)	39.5	(2.2)
	Croatia	64.2	(1.6)	3.3	(0.3)	76.8	(1.4)	6.8	(0.4)	77.5	(1.4)
	Estonia	76.8	(1.0)	11.6	(0.6)	83.8	(0.9)	23.6	(0.9)	87.2	(0.8)
	Hong Kong-China	46.4	(0.9)	14.1	(0.7)	55.7	(0.9)	22.0	(0.9)	61.0	(0.9)
	Indonesia	59.4	(1.8)	37.0	(1.2)	88.9	(0.9)	64.4	(1.0)	92.7	(0.9)
	Israel	36.7	(1.5)	20.1	(0.8)	68.6	(1.2)	44.2	(1.1)	74.7	(1.1)
	Jordan	72.3	(1.3)	29.2	(1.4)	82.8	(1.3)	42.9	(1.5)	88.7	(1.1)
	Kyrgyzstan	69.4	(1.1)	44.3	(1.1)	85.9	(0.7)	66.7	(1.1)	89.1	(0.6)
	Latvia	91.8	(0.6)	16.5	(0.8)	97.4	(0.3)	35.3	(1.0)	98.1	(0.2)
	Liechtenstein	59.0	(2.6)	15.0	(1.9)	92.1	(1.5)	28.2	(2.0)	92.4	(1.5)
	Lithuania	80.9	(0.8)	12.0	(0.6)	84.0	(0.7)	18.4	(0.9)	85.4	(0.7)
	Macao-China	44.8	(0.7)	18.2	(0.7)	56.6	(0.7)	31.4	(0.7)	63.0	(0.7)
	Montenegro	78.8	(0.7)	21.0	(0.6)	93.8	(0.4)	43.8	(0.8)	95.5	(0.3)
	Qatar	56.8	(0.7)	33.1	(0.7)	74.8	(0.6)	52.0	(0.6)	80.8	(0.5)
	Romania	45.9	(2.0)	21.0	(1.0)	59.6	(1.4)	42.7	(1.2)	66.9	(1.4)
	Russian Federation	98.4	(0.3)	0.9	(0.3)	99.1	(0.2)	2.4	(0.7)	99.9	(0.1)
	Serbia	84.3	(0.8)	a	a	88.0	(0.8)	a	a	88.0	(0.8)
	Slovenia	85.8	(0.3)	7.7	(0.4)	96.5	(0.2)	14.4	(0.5)	97.0	(0.2)
	Chinese Taipei	69.4	(1.4)	14.9	(0.6)	84.9	(1.1)	23.5	(0.7)	87.6	(1.1)
	Thailand	57.6	(1.4)	39.5	(1.0)	88.0	(0.9)	62.8	(1.0)	91.7	(0.8)
	Tunisia	44.6	(1.1)	31.8	(1.0)	79.9	(0.8)	66.9	(1.1)	88.8	(0.6)
	Uruguay	53.7	(1.0)	9.6	(0.6)	63.3	(1.0)	17.8	(0.9)	66.5	(1.0)

1. Results based on students' self-reports.

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Pour consulter la version française intégrale de ce tableau, suivre ce lien :

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[Part 1/3]

Table 5.17 Percentage of students, by time spent on learning[1]

Tableau 5.17 Pourcentage d'élèves par nombre hebdomadaire d'heures d'apprentissage

		Science											
		Regular lessons in school[2]				Out-of-school lessons[2]				Self-study or homework[2]			
		Less than two hours a week		Four hours a week or more		Less than two hours a week		Four hours a week or more		Less than two hours a week		Four hours a week or more	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	24.3	(0.7)	37.1	(0.8)	94.7	(0.2)	1.0	(0.1)	81.0	(0.6)	4.0	(0.2)
	Austria	44.6	(1.3)	20.4	(1.3)	96.3	(0.3)	0.9	(0.2)	78.6	(0.9)	6.5	(0.4)
	Belgium	42.2	(1.0)	23.8	(0.8)	95.0	(0.3)	1.1	(0.2)	79.2	(0.7)	3.7	(0.3)
	Canada	23.6	(0.7)	56.8	(1.0)	91.3	(0.3)	1.8	(0.2)	70.6	(0.7)	7.6	(0.4)
	Czech Republic	40.5	(1.5)	27.9	(1.2)	91.5	(0.5)	1.7	(0.2)	84.2	(0.8)	3.3	(0.3)
	Denmark	17.5	(1.0)	27.3	(1.0)	90.1	(0.6)	1.8	(0.2)	86.7	(0.7)	2.1	(0.2)
	Finland	23.0	(0.8)	27.1	(1.4)	96.0	(0.3)	0.5	(0.1)	87.6	(0.7)	1.6	(0.2)
	France	37.9	(1.0)	25.8	(1.1)	92.3	(0.5)	1.1	(0.2)	78.4	(0.9)	4.5	(0.4)
	Germany	34.6	(1.1)	32.3	(1.0)	91.4	(0.5)	1.6	(0.2)	68.5	(0.8)	8.2	(0.4)
	Greece	28.0	(1.2)	33.5	(1.1)	55.8	(1.1)	14.8	(0.7)	61.9	(0.9)	11.8	(0.6)
	Hungary	42.1	(1.2)	18.4	(0.8)	81.7	(0.8)	3.8	(0.3)	69.7	(1.0)	7.3	(0.4)
	Iceland	23.3	(0.7)	21.5	(0.7)	95.5	(0.4)	0.6	(0.1)	83.7	(0.6)	2.5	(0.3)
	Ireland	33.5	(1.1)	15.7	(0.7)	95.5	(0.4)	0.8	(0.1)	80.2	(0.8)	4.3	(0.3)
	Italy	34.3	(1.2)	24.9	(1.0)	89.5	(0.3)	2.8	(0.2)	56.0	(1.0)	14.9	(0.6)
	Japan	26.6	(1.5)	12.2	(1.2)	96.2	(0.3)	0.4	(0.1)	93.6	(0.4)	1.0	(0.1)
	Korea	9.3	(1.2)	35.7	(1.6)	77.9	(0.9)	3.3	(0.5)	80.6	(1.2)	4.5	(0.9)
	Luxembourg	50.6	(0.6)	17.8	(0.6)	91.6	(0.4)	1.7	(0.2)	80.6	(0.6)	4.9	(0.3)
	Mexico	41.0	(0.7)	36.7	(0.7)	81.4	(0.7)	5.3	(0.4)	58.3	(0.7)	15.3	(0.5)
	Netherlands	51.5	(1.0)	16.4	(0.6)	91.8	(0.4)	1.5	(0.2)	79.4	(0.7)	4.2	(0.4)
	New Zealand	16.5	(0.8)	64.8	(1.1)	94.0	(0.4)	1.3	(0.2)	78.7	(0.7)	4.2	(0.3)
	Norway	24.7	(1.1)	6.9	(0.5)	m	m	m	m	m	m	m	m
	Poland	36.7	(1.0)	20.8	(0.8)	91.0	(0.5)	1.5	(0.2)	58.9	(0.8)	11.8	(0.5)
	Portugal	37.6	(1.1)	35.4	(0.9)	88.4	(0.5)	3.0	(0.3)	56.9	(1.0)	14.7	(0.6)
	Slovak Republic	55.8	(1.5)	24.6	(1.4)	90.3	(0.6)	2.5	(0.2)	73.5	(1.1)	6.6	(0.5)
	Spain	27.7	(0.8)	26.9	(0.9)	86.1	(0.6)	4.1	(0.3)	65.2	(0.8)	9.7	(0.4)
	Sweden	20.0	(0.9)	10.7	(0.6)	93.6	(0.3)	0.8	(0.2)	86.0	(0.7)	2.7	(0.3)
	Switzerland	48.6	(1.0)	18.7	(0.8)	93.9	(0.3)	1.1	(0.1)	84.8	(0.6)	3.2	(0.2)
	Turkey	43.0	(1.6)	31.0	(1.5)	73.4	(1.2)	11.3	(0.8)	66.3	(1.1)	12.0	(0.8)
	United Kingdom	10.1	(0.6)	61.9	(1.0)	93.5	(0.4)	1.0	(0.1)	75.0	(0.8)	3.7	(0.3)
	United States	33.0	(1.1)	49.1	(1.2)	86.9	(0.5)	3.4	(0.3)	67.9	(0.8)	8.8	(0.4)
	OECD total	31.8	(0.4)	35.8	(0.4)	87.9	(0.2)	3.0	(0.1)	71.3	(0.3)	8.0	(0.2)
	OECD average	32.7	(0.2)	28.7	(0.2)	89.2	(0.1)	2.6	(0.1)	74.9	(0.2)	6.5	(0.1)
Partners	Argentina	51.3	(1.6)	16.4	(1.1)	91.5	(0.5)	1.8	(0.2)	70.9	(1.1)	8.2	(0.6)
	Azerbaijan	38.5	(1.3)	24.0	(1.2)	73.5	(0.9)	8.0	(0.4)	47.3	(1.0)	24.4	(1.0)
	Brazil	49.9	(0.8)	11.3	(0.6)	86.6	(0.6)	2.5	(0.3)	68.3	(0.8)	8.5	(0.4)
	Bulgaria	46.5	(1.8)	24.2	(1.4)	81.4	(0.7)	4.4	(0.3)	59.4	(1.4)	15.4	(0.9)
	Chile	52.8	(1.1)	19.8	(1.0)	86.5	(0.5)	2.6	(0.2)	72.0	(0.8)	6.7	(0.4)
	Colombia	23.9	(1.7)	42.3	(2.7)	83.4	(0.9)	4.9	(0.5)	65.4	(1.1)	12.1	(0.7)
	Croatia	49.9	(1.2)	10.3	(0.6)	92.5	(0.4)	1.5	(0.2)	69.4	(1.0)	7.9	(0.5)
	Estonia	28.2	(0.9)	31.6	(0.9)	87.1	(0.6)	2.3	(0.3)	70.9	(0.8)	7.1	(0.4)
	Hong Kong-China	42.8	(1.0)	40.2	(0.9)	82.2	(0.8)	5.4	(0.4)	71.4	(0.8)	10.3	(0.5)
	Indonesia	26.7	(1.6)	28.9	(1.7)	81.5	(1.1)	4.2	(0.3)	67.3	(1.0)	8.9	(0.5)
	Israel	48.5	(1.2)	23.3	(1.0)	81.9	(0.8)	5.0	(0.4)	72.7	(1.0)	7.8	(0.5)
	Jordan	36.4	(1.1)	38.3	(1.4)	68.0	(0.9)	9.7	(0.5)	44.9	(0.9)	23.8	(0.8)
	Kyrgyzstan	61.4	(1.2)	18.0	(1.1)	74.7	(0.8)	7.0	(0.4)	59.3	(0.8)	18.8	(0.6)
	Latvia	35.8	(1.2)	24.3	(1.4)	89.6	(0.5)	2.0	(0.2)	64.4	(1.0)	9.0	(0.5)
	Liechtenstein	39.2	(2.3)	15.5	(1.8)	91.1	(1.6)	1.5	(0.7)	85.4	(1.7)	3.9	(1.0)
	Lithuania	41.1	(1.1)	22.9	(0.7)	91.4	(0.4)	1.7	(0.2)	67.9	(0.9)	8.1	(0.5)
	Macao-China	26.0	(0.6)	45.6	(0.7)	82.9	(0.6)	6.3	(0.4)	75.5	(0.8)	7.2	(0.4)
	Montenegro	43.3	(0.9)	28.0	(0.7)	80.4	(0.6)	5.8	(0.4)	57.2	(0.8)	17.4	(0.6)
	Qatar	47.3	(0.6)	27.1	(0.6)	70.2	(0.6)	8.2	(0.4)	56.4	(0.7)	12.9	(0.4)
	Romania	54.4	(2.2)	17.8	(1.0)	82.1	(0.6)	4.5	(0.4)	70.1	(1.2)	10.4	(0.7)
	Russian Federation	29.3	(1.2)	45.1	(1.6)	80.2	(0.8)	5.3	(0.4)	40.0	(1.3)	27.5	(1.0)
	Serbia	38.0	(1.3)	25.5	(1.0)	86.0	(0.6)	3.0	(0.3)	65.3	(1.0)	11.1	(0.6)
	Slovenia	42.9	(0.7)	27.3	(0.7)	89.0	(0.5)	1.9	(0.2)	71.9	(0.6)	6.2	(0.4)
	Chinese Taipei	35.0	(1.3)	27.0	(0.9)	82.7	(0.6)	3.3	(0.3)	77.6	(0.7)	4.8	(0.3)
	Thailand	6.7	(0.6)	32.0	(1.1)	81.2	(0.9)	5.2	(0.4)	66.1	(0.9)	8.6	(0.5)
	Tunisia	45.4	(1.1)	21.5	(0.8)	60.2	(0.8)	13.0	(0.6)	46.0	(0.9)	23.3	(0.8)
	Uruguay	49.6	(1.2)	20.1	(0.8)	89.5	(0.4)	2.6	(0.3)	77.5	(0.8)	5.4	(0.4)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
2. Percentages for the middle category can be obtained by subtracting the sum of the other two categories from 100%.
StatLink http://dx.doi.org/10.1787/142127877152

Pour consulter la version française intégrale de ce tableau, suivre ce lien :
StatLink http://dx.doi.org/10.1787/152751048643



[Part 2/3]

Table 5.17 Percentage of students, by time spent on learning[1]

Tableau 5.17 Pourcentage d'élèves par nombre hebdomadaire d'heures d'apprentissage

		Reading											
		Regular lessons in school[2]				Out-of-school lessons[2]				Self-study or homework[2]			
		Less than two hours a week		Four hours a week or more		Less than two hours a week		Four hours a week or more		Less than two hours a week		Four hours a week or more	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	8.7	(0.3)	53.2	(0.9)	88.0	(0.4)	3.2	(0.2)	67.9	(0.6)	8.1	(0.3)
	Austria	22.0	(0.9)	16.0	(1.0)	96.0	(0.4)	1.2	(0.2)	74.1	(1.0)	7.7	(0.5)
	Belgium	21.8	(0.7)	46.0	(0.9)	92.2	(0.3)	2.0	(0.2)	79.0	(0.6)	3.6	(0.2)
	Canada	16.6	(0.5)	65.3	(0.9)	84.4	(0.4)	5.4	(0.3)	67.0	(0.7)	10.8	(0.5)
	Czech Republic	9.8	(0.5)	43.2	(1.2)	90.4	(0.4)	1.6	(0.2)	83.6	(0.7)	3.1	(0.3)
	Denmark	2.9	(0.3)	85.5	(0.7)	63.4	(0.8)	9.8	(0.5)	52.9	(0.9)	11.5	(0.5)
	Finland	14.7	(0.9)	20.4	(1.8)	95.3	(0.3)	0.8	(0.1)	87.0	(0.7)	2.1	(0.2)
	France	9.9	(0.6)	58.6	(0.9)	87.1	(0.5)	2.2	(0.2)	72.5	(0.7)	5.4	(0.4)
	Germany	13.8	(0.7)	43.3	(1.0)	88.7	(0.6)	3.2	(0.3)	62.7	(0.9)	10.1	(0.5)
	Greece	26.2	(1.0)	28.3	(0.8)	64.8	(0.8)	10.4	(0.6)	60.2	(0.8)	12.7	(0.6)
	Hungary	24.2	(0.9)	31.1	(1.2)	74.8	(0.7)	7.0	(0.4)	63.6	(1.0)	9.5	(0.5)
	Iceland	5.8	(0.4)	67.4	(0.7)	92.9	(0.5)	1.9	(0.2)	72.3	(0.6)	5.3	(0.3)
	Ireland	15.1	(0.7)	36.5	(1.0)	88.7	(0.6)	4.0	(0.3)	67.2	(0.9)	9.5	(0.5)
	Italy	12.7	(0.4)	67.1	(0.7)	84.1	(0.4)	6.1	(0.3)	36.3	(0.8)	27.8	(0.8)
	Japan	7.5	(0.7)	43.1	(1.2)	93.2	(0.4)	1.3	(0.2)	87.3	(0.8)	2.3	(0.3)
	Korea	4.8	(0.5)	67.8	(1.3)	66.6	(1.2)	6.9	(0.4)	75.7	(0.7)	6.0	(0.4)
	Luxembourg	16.3	(0.5)	40.4	(0.8)	90.0	(0.4)	3.1	(0.2)	78.4	(0.6)	5.5	(0.3)
	Mexico	28.1	(0.7)	48.7	(0.7)	78.6	(0.8)	6.1	(0.4)	61.0	(0.9)	13.5	(0.6)
	Netherlands	19.8	(0.7)	15.9	(0.8)	90.2	(0.5)	1.7	(0.2)	80.6	(0.7)	3.1	(0.3)
	New Zealand	8.5	(0.6)	72.1	(0.9)	88.7	(0.5)	3.3	(0.4)	71.7	(0.8)	6.9	(0.4)
	Norway	12.9	(0.7)	38.6	(1.3)	m	m	m	m	m	m	m	m
	Poland	10.9	(0.5)	75.5	(0.7)	90.0	(0.6)	2.6	(0.2)	53.5	(0.8)	14.9	(0.5)
	Portugal	16.6	(0.8)	26.0	(0.8)	90.9	(0.5)	1.8	(0.2)	66.7	(0.9)	8.6	(0.4)
	Slovak Republic	22.4	(1.5)	27.7	(1.4)	85.8	(0.7)	2.8	(0.2)	64.6	(1.0)	8.3	(0.5)
	Spain	13.3	(0.6)	41.5	(0.9)	88.7	(0.5)	3.6	(0.2)	62.0	(0.8)	10.4	(0.5)
	Sweden	12.6	(0.9)	16.6	(0.9)	89.9	(0.5)	2.7	(0.3)	82.5	(0.7)	4.0	(0.4)
	Switzerland	15.5	(0.8)	43.9	(1.0)	92.3	(0.4)	2.1	(0.2)	78.9	(0.5)	3.6	(0.2)
	Turkey	13.8	(0.9)	53.6	(1.5)	62.3	(1.1)	13.6	(0.9)	56.0	(1.2)	16.0	(0.8)
	United Kingdom	7.4	(0.4)	47.4	(1.4)	90.3	(0.5)	2.2	(0.2)	71.3	(0.9)	5.4	(0.3)
	United States	30.5	(1.2)	50.8	(1.2)	78.6	(0.7)	6.1	(0.4)	63.3	(1.0)	11.5	(0.5)
	OECD total	18.3	(0.3)	50.5	(0.4)	82.5	(0.2)	4.9	(0.1)	66.2	(0.3)	10.2	(0.2)
	OECD average	14.8	(0.1)	45.7	(0.2)	85.1	(0.1)	4.1	(0.1)	69.0	(0.2)	8.5	(0.1)
Partners	Argentina	44.9	(1.4)	15.0	(1.1)	92.6	(0.6)	1.5	(0.2)	71.8	(1.1)	7.7	(0.7)
	Azerbaijan	24.2	(0.9)	44.8	(1.2)	64.0	(1.1)	15.8	(0.7)	39.4	(1.0)	32.5	(1.0)
	Brazil	32.1	(1.1)	31.4	(0.8)	77.5	(0.7)	5.9	(0.4)	68.2	(0.7)	9.7	(0.5)
	Bulgaria	32.5	(1.3)	23.7	(0.9)	78.9	(0.9)	6.5	(0.5)	58.4	(1.3)	15.1	(0.8)
	Chile	31.9	(1.1)	42.8	(1.2)	81.9	(0.9)	4.6	(0.3)	72.9	(0.9)	7.8	(0.5)
	Colombia	14.6	(1.0)	54.8	(1.9)	77.9	(0.9)	5.9	(0.4)	65.3	(1.0)	11.3	(0.7)
	Croatia	14.6	(0.6)	30.8	(1.1)	92.5	(0.5)	1.4	(0.2)	69.5	(1.0)	7.1	(0.4)
	Estonia	16.5	(0.9)	37.9	(1.1)	84.1	(0.7)	3.4	(0.3)	69.5	(0.9)	7.1	(0.3)
	Hong Kong-China	7.9	(0.5)	78.2	(0.9)	86.2	(0.7)	4.1	(0.4)	69.4	(0.8)	8.4	(0.6)
	Indonesia	18.4	(1.4)	39.4	(1.4)	77.2	(1.1)	5.1	(0.4)	68.5	(0.9)	8.2	(0.5)
	Israel	33.7	(0.9)	33.0	(1.0)	73.2	(0.9)	8.8	(0.5)	68.4	(1.0)	11.6	(0.6)
	Jordan	33.4	(1.0)	45.3	(1.1)	62.1	(1.0)	13.5	(0.6)	46.7	(1.0)	22.9	(0.8)
	Kyrgyzstan	44.1	(1.2)	27.4	(1.1)	67.4	(0.8)	11.6	(0.5)	54.8	(0.8)	21.3	(0.7)
	Latvia	12.6	(0.8)	42.8	(1.0)	85.0	(0.9)	3.3	(0.3)	58.5	(1.1)	10.1	(0.5)
	Liechtenstein	16.6	(1.7)	47.5	(2.4)	95.6	(1.1)	0.6	(0.4)	85.6	(1.8)	3.0	(1.0)
	Lithuania	22.1	(0.8)	47.2	(1.0)	89.7	(0.5)	2.6	(0.2)	64.2	(0.8)	9.8	(0.5)
	Macao-China	6.9	(0.4)	79.8	(0.6)	81.8	(0.7)	7.6	(0.5)	75.1	(0.8)	7.4	(0.4)
	Montenegro	37.8	(0.8)	30.3	(0.8)	86.3	(0.5)	4.6	(0.3)	62.7	(0.8)	14.0	(0.5)
	Qatar	41.8	(0.6)	29.8	(0.6)	68.1	(0.7)	10.8	(0.4)	59.5	(0.6)	14.7	(0.5)
	Romania	23.6	(1.5)	34.7	(1.4)	69.2	(1.0)	8.7	(0.5)	56.1	(1.0)	15.4	(0.7)
	Russian Federation	56.9	(1.4)	9.1	(0.5)	88.6	(0.6)	2.3	(0.3)	74.7	(1.1)	6.1	(0.5)
	Serbia	20.4	(1.0)	26.6	(0.9)	82.6	(0.6)	4.8	(0.3)	67.3	(0.9)	9.8	(0.5)
	Slovenia	26.0	(0.7)	38.2	(0.7)	87.7	(0.5)	2.0	(0.2)	74.8	(0.7)	5.3	(0.3)
	Chinese Taipei	13.5	(0.7)	61.2	(1.2)	85.9	(0.5)	3.2	(0.2)	64.7	(0.9)	8.0	(0.4)
	Thailand	13.4	(0.6)	16.9	(0.8)	89.9	(0.6)	2.3	(0.3)	70.3	(0.9)	7.7	(0.5)
	Tunisia	33.9	(1.1)	39.5	(1.1)	64.5	(1.1)	12.5	(0.6)	58.2	(1.1)	15.0	(0.7)
	Uruguay	32.8	(1.0)	20.8	(0.9)	88.9	(0.6)	2.8	(0.3)	78.0	(0.7)	5.1	(0.3)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
2. Percentages for the middle category can be obtained by subtracting the sum of the other two categories from 100%.

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[Part 3/3]

Table 5.17 Percentage of students, by time spent on learning[1]

Tableau 5.17 Pourcentage d'élèves par nombre hebdomadaire d'heures d'apprentissage

		Mathematics											
		Regular lessons in school[2]				Out-of-school lessons[2]				Self-study or homework[2]			
		Less than two hours a week		Four hours a week or more		Less than two hours a week		Four hours a week or more		Less than two hours a week		Four hours a week or more	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	8.8	(0.3)	54.4	(1.0)	86.4	(0.5)	3.2	(0.2)	64.9	(0.7)	9.1	(0.4)
	Austria	17.9	(1.0)	27.2	(1.3)	91.1	(0.5)	2.5	(0.2)	56.4	(1.0)	13.6	(0.6)
	Belgium	22.1	(0.7)	48.9	(1.0)	90.6	(0.3)	2.3	(0.2)	63.6	(0.9)	8.2	(0.4)
	Canada	15.2	(0.5)	66.9	(0.9)	82.7	(0.5)	4.7	(0.2)	60.2	(0.7)	13.0	(0.5)
	Czech Republic	10.0	(0.7)	54.0	(1.6)	87.3	(0.6)	2.9	(0.2)	79.8	(0.8)	5.3	(0.4)
	Denmark	4.0	(0.3)	66.2	(1.2)	72.3	(0.8)	5.0	(0.4)	65.2	(0.8)	5.9	(0.4)
	Finland	10.7	(0.6)	31.3	(1.6)	95.3	(0.4)	0.9	(0.2)	84.2	(0.8)	1.8	(0.2)
	France	10.9	(0.6)	51.7	(1.0)	83.7	(0.5)	2.6	(0.3)	66.0	(0.9)	7.4	(0.5)
	Germany	11.1	(0.8)	49.4	(1.0)	84.6	(0.7)	4.1	(0.3)	51.1	(1.0)	14.4	(0.7)
	Greece	18.6	(0.9)	37.0	(1.3)	49.7	(1.2)	19.4	(1.0)	58.4	(1.0)	14.1	(0.6)
	Hungary	22.1	(0.8)	33.4	(1.4)	76.2	(0.8)	6.1	(0.4)	64.3	(1.0)	9.6	(0.6)
	Iceland	4.8	(0.3)	73.7	(0.7)	87.1	(0.6)	2.7	(0.2)	67.0	(0.7)	7.6	(0.4)
	Ireland	13.5	(0.7)	39.7	(0.9)	87.5	(0.6)	2.9	(0.3)	65.6	(0.9)	8.7	(0.5)
	Italy	17.3	(0.6)	48.9	(1.0)	82.7	(0.5)	4.5	(0.2)	46.5	(0.9)	19.2	(0.7)
	Japan	8.3	(1.0)	56.3	(1.9)	86.7	(0.8)	2.8	(0.3)	73.6	(1.4)	7.6	(0.8)
	Korea	4.5	(0.5)	74.2	(1.1)	48.5	(0.9)	19.9	(0.8)	53.7	(1.2)	18.8	(1.1)
	Luxembourg	13.5	(0.5)	52.3	(0.8)	84.8	(0.6)	3.7	(0.3)	68.0	(0.7)	7.9	(0.3)
	Mexico	26.0	(0.7)	54.3	(0.7)	77.6	(0.7)	7.4	(0.5)	56.2	(0.8)	16.5	(0.7)
	Netherlands	23.6	(1.1)	19.8	(0.8)	89.4	(0.6)	2.0	(0.2)	73.5	(1.1)	4.5	(0.4)
	New Zealand	8.8	(0.5)	71.8	(0.9)	88.4	(0.5)	3.1	(0.3)	71.3	(0.8)	6.8	(0.5)
	Norway	12.9	(0.6)	30.8	(1.0)	m	m	m	m	m	m	m	m
	Poland	13.1	(0.6)	69.3	(0.9)	89.6	(0.5)	2.6	(0.2)	57.5	(0.8)	13.4	(0.5)
	Portugal	19.6	(1.0)	44.1	(1.1)	86.0	(0.6)	2.8	(0.3)	59.9	(0.9)	11.8	(0.6)
	Slovak Republic	20.6	(1.3)	33.9	(1.7)	86.4	(0.6)	2.8	(0.3)	66.3	(1.0)	8.0	(0.5)
	Spain	12.9	(0.5)	31.8	(1.0)	79.1	(0.5)	6.2	(0.4)	59.5	(0.9)	11.5	(0.6)
	Sweden	11.6	(0.6)	15.2	(0.8)	91.5	(0.4)	1.6	(0.2)	84.9	(0.6)	3.2	(0.3)
	Switzerland	13.6	(0.7)	50.3	(1.0)	88.4	(0.5)	2.6	(0.2)	68.4	(0.7)	5.8	(0.3)
	Turkey	19.7	(1.2)	54.8	(1.4)	56.0	(1.1)	18.8	(0.8)	51.8	(1.1)	19.3	(0.8)
	United Kingdom	7.7	(0.4)	42.4	(1.3)	90.4	(0.4)	1.8	(0.2)	74.9	(0.7)	4.0	(0.3)
	United States	27.4	(1.0)	53.0	(1.3)	78.2	(0.7)	6.3	(0.4)	58.5	(0.8)	13.9	(0.5)
	OECD total	17.7	(0.3)	52.2	(0.4)	79.5	(0.2)	6.1	(0.1)	60.8	(0.3)	12.5	(0.2)
	OECD average	14.4	(0.1)	47.9	(0.2)	82.0	(0.1)	5.1	(0.1)	64.5	(0.2)	10.0	(0.1)
Partners	Argentina	34.7	(1.4)	30.2	(1.4)	86.3	(0.8)	4.1	(0.4)	66.3	(1.2)	11.3	(0.7)
	Azerbaijan	26.9	(1.0)	47.9	(1.2)	66.4	(1.1)	14.9	(0.9)	43.5	(1.3)	31.0	(1.2)
	Brazil	30.0	(0.9)	32.5	(0.8)	76.9	(0.7)	6.2	(0.4)	66.6	(0.8)	10.5	(0.5)
	Bulgaria	33.5	(1.4)	26.3	(1.5)	78.3	(0.8)	6.4	(0.6)	58.9	(1.5)	16.4	(1.0)
	Chile	32.0	(1.1)	44.2	(1.3)	82.6	(0.7)	4.2	(0.3)	70.8	(1.0)	7.3	(0.4)
	Colombia	13.8	(1.0)	61.1	(1.7)	76.2	(0.8)	7.0	(0.5)	62.9	(0.9)	12.9	(0.7)
	Croatia	21.5	(0.9)	24.2	(1.1)	85.4	(0.6)	3.3	(0.3)	63.2	(0.8)	9.9	(0.5)
	Estonia	13.4	(0.8)	64.8	(1.1)	82.3	(0.8)	4.5	(0.4)	60.2	(0.9)	12.5	(0.6)
	Hong Kong-China	7.7	(0.5)	78.3	(1.0)	72.5	(0.9)	8.7	(0.5)	54.4	(1.0)	16.8	(0.7)
	Indonesia	14.4	(1.2)	52.0	(1.7)	73.7	(1.3)	6.7	(0.5)	61.5	(0.8)	10.9	(0.6)
	Israel	16.7	(0.7)	58.6	(1.0)	54.7	(1.1)	17.8	(0.7)	51.9	(1.3)	20.4	(0.9)
	Jordan	33.4	(1.1)	43.3	(1.1)	60.8	(0.9)	14.1	(0.6)	45.1	(0.9)	25.0	(0.8)
	Kyrgyzstan	44.2	(1.0)	32.1	(1.0)	71.2	(0.8)	10.7	(0.6)	58.6	(0.8)	20.3	(0.7)
	Latvia	8.1	(0.6)	66.2	(1.1)	77.4	(1.1)	4.8	(0.4)	47.8	(1.1)	18.3	(0.8)
	Liechtenstein	14.2	(1.7)	54.9	(2.4)	90.8	(1.5)	1.5	(0.7)	74.8	(2.4)	3.6	(0.9)
	Lithuania	23.1	(1.0)	42.3	(1.0)	89.3	(0.5)	2.4	(0.2)	65.2	(0.7)	9.4	(0.4)
	Macao-China	6.8	(0.4)	82.4	(0.6)	78.5	(0.7)	9.0	(0.5)	59.3	(0.8)	15.0	(0.5)
	Montenegro	35.4	(0.8)	32.1	(0.8)	82.8	(0.6)	6.1	(0.4)	62.9	(0.8)	14.7	(0.6)
	Qatar	38.2	(0.7)	35.3	(0.6)	61.6	(0.6)	13.9	(0.5)	53.8	(0.7)	17.5	(0.5)
	Romania	32.0	(1.3)	28.4	(2.1)	70.3	(0.9)	9.4	(0.7)	58.7	(1.0)	17.2	(0.9)
	Russian Federation	19.0	(1.3)	42.9	(1.4)	81.8	(0.8)	3.9	(0.4)	54.4	(1.2)	15.1	(0.7)
	Serbia	19.9	(0.9)	30.4	(1.1)	82.5	(0.6)	5.4	(0.4)	63.9	(0.8)	10.8	(0.5)
	Slovenia	22.1	(0.6)	36.4	(0.7)	81.5	(0.5)	4.5	(0.3)	61.9	(0.7)	10.9	(0.4)
	Chinese Taipei	17.3	(0.8)	59.2	(1.3)	62.2	(1.0)	8.7	(0.4)	61.0	(1.0)	10.9	(0.4)
	Thailand	5.4	(0.3)	35.8	(1.2)	81.1	(0.8)	4.4	(0.4)	66.3	(0.9)	8.8	(0.4)
	Tunisia	29.3	(1.0)	44.4	(0.9)	49.7	(0.9)	22.3	(0.6)	49.1	(0.9)	24.1	(0.7)
	Uruguay	23.7	(0.7)	35.0	(1.0)	84.5	(0.7)	4.2	(0.4)	73.4	(0.9)	7.7	(0.5)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on students' self-reports.
2. Percentages for the middle category can be obtained by subtracting the sum of the other two categories from 100%.

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[Part 1/2]

Table 5.18 Index of school activities to promote the learning of science and student performance on the science scale, by quarters of the index[1]

Tableau 5.18 Indice d'activités scolaires visant à promouvoir l'apprentissage des sciences et performance des élèves sur l'échelle de culture scientifique, par quartile de l'indice

		Index of school activities to promote the learning of science									
		All students		Bottom quarter		Second quarter		Third quarter		Top quarter	
		Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD	Australia	0.41	(0.04)	-0.29	(0.03)	0.21	(0.00)	0.53	(0.02)	1.16	(0.04)
	Austria	-0.38	(0.07)	-1.48	(0.07)	-0.84	(0.03)	-0.06	(0.04)	0.85	(0.08)
	Belgium	-0.23	(0.05)	-1.31	(0.06)	-0.37	(0.01)	0.14	(0.01)	0.65	(0.06)
	Canada	0.42	(0.04)	-0.77	(0.04)	0.06	(0.02)	0.76	(0.03)	1.64	(0.00)
	Czech Republic	0.45	(0.06)	-0.75	(0.08)	0.13	(0.03)	0.80	(0.01)	1.64	(0.00)
	Denmark	-0.83	(0.07)	-1.61	(0.08)	-1.07	(0.00)	-0.68	(0.04)	0.05	(0.07)
	Finland	-0.60	(0.06)	-1.36	(0.08)	-0.85	(0.03)	-0.33	(0.00)	0.14	(0.04)
	France	w	w	w	w	w	w	w	w	w	w
	Germany	-0.11	(0.05)	-1.25	(0.06)	-0.51	(0.03)	0.17	(0.01)	1.15	(0.06)
	Greece	-0.42	(0.06)	-1.34	(0.08)	-0.60	(0.03)	-0.33	(0.00)	0.59	(0.09)
	Hungary	0.62	(0.06)	-0.36	(0.07)	0.39	(0.02)	0.80	(0.01)	1.64	(0.00)
	Iceland	-0.71	(0.00)	c	c	c	c	c	c	c	c
	Ireland	0.12	(0.08)	-1.12	(0.08)	-0.12	(0.03)	0.48	(0.03)	1.25	(0.05)
	Italy	0.01	(0.04)	-1.03	(0.04)	-0.25	(0.01)	0.26	(0.02)	1.06	(0.05)
	Japan	-1.16	(0.07)	-2.27	(0.00)	-1.76	(0.06)	-0.81	(0.04)	0.20	(0.08)
	Korea	0.54	(0.07)	-0.59	(0.08)	0.26	(0.01)	0.87	(0.03)	1.64	(0.00)
	Luxembourg	0.15	(0.00)	-1.12	(0.01)	-0.19	(0.01)	0.53	(0.00)	1.38	(0.01)
	Mexico	-0.02	(0.04)	-1.28	(0.05)	-0.28	(0.01)	0.32	(0.02)	1.14	(0.03)
	Netherlands	-0.51	(0.08)	-1.54	(0.09)	-0.92	(0.03)	-0.20	(0.02)	0.63	(0.06)
	New Zealand	0.51	(0.06)	-0.56	(0.09)	0.34	(0.02)	0.76	(0.00)	1.49	(0.02)
	Norway	-0.49	(0.05)	-1.34	(0.07)	-0.71	(0.04)	-0.28	(0.01)	0.36	(0.04)
	Poland	0.58	(0.04)	-0.07	(0.05)	0.26	(0.01)	0.76	(0.00)	1.36	(0.04)
	Portugal	0.66	(0.06)	-0.28	(0.08)	0.45	(0.03)	0.83	(0.03)	1.64	(0.00)
	Slovak Republic	0.70	(0.05)	-0.39	(0.08)	0.45	(0.03)	1.08	(0.04)	1.64	(0.00)
	Spain	0.19	(0.06)	-0.83	(0.05)	-0.15	(0.02)	0.48	(0.03)	1.28	(0.05)
	Sweden	-0.49	(0.07)	-1.75	(0.10)	-0.63	(0.03)	-0.11	(0.03)	0.54	(0.06)
	Switzerland	-0.25	(0.04)	-1.19	(0.03)	-0.49	(0.02)	0.03	(0.02)	0.65	(0.03)
	Turkey	-0.16	(0.08)	-1.60	(0.09)	-0.57	(0.05)	0.35	(0.03)	1.20	(0.06)
	United Kingdom	0.42	(0.06)	-0.80	(0.07)	0.13	(0.02)	0.77	(0.01)	1.58	(0.02)
	United States	0.47	(0.08)	-0.83	(0.10)	0.25	(0.02)	0.83	(0.03)	1.64	(0.00)
	OECD total	0.10	(0.03)	-1.32	(0.03)	-0.14	(0.01)	0.50	(0.01)	1.37	(0.02)
	OECD average	0.00	(0.01)	-1.04	(0.01)	-0.26	(0.01)	0.31	(0.00)	1.08	(0.01)
Partners	Argentina	0.11	(0.07)	-1.10	(0.10)	-0.16	(0.03)	0.48	(0.03)	1.21	(0.06)
	Azerbaijan	0.27	(0.07)	-0.81	(0.08)	-0.07	(0.03)	0.63	(0.02)	1.33	(0.04)
	Brazil	0.24	(0.04)	-0.66	(0.06)	0.16	(0.01)	0.44	(0.02)	1.03	(0.03)
	Bulgaria	0.03	(0.07)	-1.06	(0.10)	-0.19	(0.00)	0.38	(0.02)	0.98	(0.06)
	Chile	-0.26	(0.12)	-2.02	(0.07)	-0.55	(0.05)	0.33	(0.03)	1.20	(0.06)
	Colombia	0.82	(0.08)	-0.15	(0.07)	0.62	(0.03)	1.19	(0.05)	1.64	(0.00)
	Croatia	0.15	(0.08)	-1.23	(0.09)	-0.06	(0.04)	0.58	(0.03)	1.32	(0.05)
	Estonia	0.90	(0.04)	0.14	(0.03)	0.76	(0.00)	1.05	(0.03)	1.64	(0.00)
	Hong Kong-China	0.92	(0.06)	0.06	(0.06)	0.76	(0.00)	1.22	(0.04)	1.64	(0.00)
	Indonesia	-0.04	(0.09)	-1.63	(0.07)	-0.33	(0.04)	0.46	(0.03)	1.33	(0.06)
	Israel	0.21	(0.09)	-1.25	(0.08)	-0.10	(0.04)	0.68	(0.02)	1.50	(0.03)
	Jordan	0.87	(0.07)	-0.33	(0.11)	0.61	(0.03)	1.57	(0.01)	1.64	(0.00)
	Kyrgyzstan	0.76	(0.05)	-0.14	(0.06)	0.57	(0.02)	0.96	(0.04)	1.64	(0.00)
	Latvia	0.19	(0.03)	c	c	c	c	c	c	c	c
	Liechtenstein	c	c	c	c	c	c	c	c	c	c
	Lithuania	1.19	(0.04)	c	c	c	c	c	c	c	c
	Macao-China	0.45	(0.00)	-0.35	(0.01)	0.21	(0.00)	0.69	(0.00)	1.24	(0.01)
	Montenegro	0.34	(0.00)	-1.06	(0.01)	0.19	(0.00)	0.73	(0.00)	1.50	(0.01)
	Qatar	0.59	(0.00)	-0.61	(0.01)	0.40	(0.00)	0.94	(0.00)	1.63	(0.00)
	Romania	0.77	(0.08)	-0.33	(0.05)	0.52	(0.03)	1.27	(0.05)	1.64	(0.00)
	Russian Federation	1.19	(0.05)	c	c	c	c	c	c	c	c
	Serbia	0.31	(0.07)	-1.10	(0.11)	0.14	(0.01)	0.65	(0.02)	1.56	(0.02)
	Slovenia	1.15	(0.00)	c	c	c	c	c	c	c	c
	Chinese Taipei	0.76	(0.06)	c	c	c	c	c	c	c	c
	Thailand	1.34	(0.06)	c	c	c	c	c	c	c	c
	Tunisia	0.36	(0.08)	-0.94	(0.10)	0.06	(0.04)	0.82	(0.02)	1.51	(0.03)
	Uruguay	-0.01	(0.05)	-1.37	(0.06)	-0.34	(0.02)	0.41	(0.03)	1.24	(0.03)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.
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[Part 2/2]

Table 5.18 Index of school activities to promote the learning of science and student performance on the science scale, by quarters of the index[1]

Tableau 5.18 Indice d'activités scolaires visant à promouvoir l'apprentissage des sciences et performance des élèves sur l'échelle de culture scientifique, par quartile de l'indice

		Performance on the science scale by quarters of this index								Change in the science score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the science performance distribution		Explained variance in student performance (r-squared x 100)	
		Bottom quarter		Second quarter		Third quarter		Top quarter							
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Effect	S.E.	Ratio	S.E.	%	S.E.
OECD	Australia	**516**	(3.8)	517	(4.2)	535	(4.4)	**539**	(4.7)	**15.6**	(4.68)	**1.2**	(0.08)	0.9	(0.53)
	Austria	**472**	(7.9)	488	(6.5)	530	(6.5)	**559**	(7.9)	**35.6**	(4.23)	**2.0**	(0.20)	12.7	(2.99)
	Belgium	**481**	(9.8)	516	(7.3)	530	(5.8)	**518**	(6.6)	**19.3**	(5.87)	**1.7**	(0.24)	2.5	(1.40)
	Canada	**530**	(3.8)	532	(4.0)	535	(3.7)	**544**	(4.0)	**5.4**	(2.13)	1.1	(0.08)	0.3	(0.25)
	Czech Republic	**489**	(10.1)	508	(8.1)	526	(6.3)	**528**	(8.2)	**18.5**	(5.42)	1.4	(0.22)	3.0	(1.63)
	Denmark	**491**	(6.0)	490	(5.4)	495	(4.6)	**508**	(5.1)	**10.7**	(3.89)	1.0	(0.13)	0.7	(0.51)
	Finland	563	(3.6)	566	(4.4)	566	(4.8)	557	(4.4)	-2.5	(3.23)	1.0	(0.08)	0.0	(0.10)
	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	**465**	(8.4)	499	(7.1)	534	(8.8)	**568**	(6.5)	**40.5**	(3.85)	**2.2**	(0.25)	14.7	(2.63)
	Greece	**441**	(9.0)	472	(4.8)	486	(4.9)	**493**	(6.5)	**27.6**	(5.02)	**2.0**	(0.26)	5.7	(1.99)
	Hungary	**482**	(7.7)	499	(6.1)	495	(8.0)	**541**	(7.0)	**27.6**	(5.58)	**1.5**	(0.24)	5.9	(2.29)
	Iceland	c	c	c	c	c	c	c	c	**c**	c	c	c	c	c
	Ireland	**503**	(7.2)	497	(4.7)	509	(5.6)	**523**	(4.9)	**7.6**	(3.63)	1.1	(0.14)	0.6	(0.58)
	Italy	**457**	(4.4)	480	(4.4)	478	(7.1)	**490**	(6.3)	**14.7**	(3.71)	**1.4**	(0.12)	1.7	(0.82)
	Japan	**509**	(7.9)	521	(6.3)	530	(7.9)	**565**	(6.9)	**21.7**	(4.45)	**1.4**	(0.19)	5.1	(2.12)
	Korea	**504**	(8.3)	521	(8.4)	517	(8.3)	**546**	(7.0)	**19.3**	(4.57)	**1.5**	(0.22)	3.5	(1.62)
	Luxembourg	**458**	(3.2)	479	(4.3)	502	(2.7)	**505**	(2.6)	**19.4**	(0.99)	**1.5**	(0.15)	4.3	(0.42)
	Mexico	**383**	(5.4)	394	(6.0)	425	(4.6)	**443**	(5.8)	**24.2**	(2.78)	**1.8**	(0.20)	8.3	(1.76)
	Netherlands	**492**	(9.2)	493	(7.8)	546	(8.7)	**569**	(7.4)	**32.8**	(6.46)	**1.7**	(0.24)	9.7	(3.34)
	New Zealand	**524**	(6.5)	534	(5.3)	525	(5.7)	**543**	(5.0)	6.8	(4.06)	1.2	(0.12)	0.3	(0.36)
	Norway	489	(4.9)	485	(4.6)	484	(7.0)	485	(6.1)	0.1	(4.67)	0.9	(0.10)	0.0	(0.09)
	Poland	**485**	(4.7)	492	(3.6)	504	(5.0)	**511**	(5.9)	**18.1**	(4.98)	**1.3**	(0.10)	1.5	(0.82)
	Portugal	459	(8.5)	478	(5.2)	483	(6.3)	477	(6.9)	**10.5**	(5.23)	1.4	(0.21)	0.8	(0.84)
	Slovak Republic	**469**	(5.7)	481	(6.3)	496	(6.0)	**504**	(6.1)	**16.9**	(4.36)	**1.3**	(0.15)	2.3	(1.18)
	Spain	479	(4.3)	487	(3.8)	496	(4.5)	492	(6.3)	5.9	(3.80)	1.2	(0.11)	0.3	(0.42)
	Sweden	497	(4.2)	506	(3.9)	506	(4.1)	504	(5.1)	3.6	(2.11)	1.1	(0.08)	0.1	(0.15)
	Switzerland	**488**	(5.7)	498	(5.6)	513	(5.4)	**546**	(6.9)	**32.2**	(4.54)	**1.3**	(0.12)	6.0	(1.58)
	Turkey	**395**	(5.7)	414	(6.6)	429	(9.1)	**458**	(10.9)	**22.1**	(4.22)	**1.5**	(0.18)	8.9	(3.14)
	United Kingdom	511	(5.9)	516	(5.9)	512	(6.3)	527	(6.6)	4.0	(3.33)	1.1	(0.11)	0.1	(0.20)
	United States	504	(7.7)	485	(5.5)	487	(7.8)	493	(9.1)	-4.6	(4.78)	**0.8**	(0.10)	0.2	(0.32)
	OECD total	**480**	(2.7)	489	(2.0)	495	(2.4)	**503**	(3.0)	**8.0**	(1.57)	**1.2**	(0.05)	0.7	(0.27)
	OECD average	**484**	(1.3)	495	(1.1)	506	(1.2)	**519**	(1.2)	**16.2**	(0.82)	**1.4**	(0.03)	3.6	(0.30)
Partners	Argentina	388	(14.2)	380	(14.8)	403	(8.5)	398	(8.6)	7.4	(5.78)	1.1	(0.21)	0.5	(0.83)
	Azerbaijan	**368**	(4.2)	381	(5.3)	387	(4.6)	**394**	(5.8)	**12.0**	(3.04)	**1.4**	(0.17)	3.5	(1.78)
	Brazil	**370**	(6.7)	396	(4.6)	399	(4.4)	**397**	(6.0)	**18.1**	(4.99)	**1.4**	(0.16)	2.0	(1.14)
	Bulgaria	**402**	(11.1)	414	(10.9)	459	(8.8)	**483**	(10.6)	**38.9**	(6.92)	**1.8**	(0.27)	9.7	(3.48)
	Chile	**418**	(8.7)	429	(7.1)	458	(7.7)	**466**	(9.9)	**15.4**	(3.49)	**1.4**	(0.18)	4.6	(2.08)
	Colombia	**372**	(6.7)	387	(6.6)	391	(6.8)	**404**	(6.6)	**14.3**	(4.55)	1.4	(0.19)	1.6	(0.91)
	Croatia	**461**	(6.3)	494	(6.2)	509	(6.7)	**509**	(5.5)	**17.1**	(3.52)	**1.7**	(0.19)	4.1	(1.64)
	Estonia	521	(7.0)	538	(4.1)	535	(4.1)	531	(5.6)	5.6	(5.97)	1.2	(0.17)	0.2	(0.35)
	Hong Kong-China	532	(8.7)	545	(8.1)	545	(5.4)	547	(7.3)	7.0	(7.42)	1.2	(0.21)	0.2	(0.55)
	Indonesia	**364**	(5.0)	381	(6.9)	401	(7.9)	**429**	(11.9)	**19.9**	(4.84)	**1.8**	(0.25)	10.8	(4.95)
	Israel	442	(8.6)	454	(10.3)	468	(8.3)	453	(10.0)	5.6	(4.64)	1.1	(0.15)	0.3	(0.51)
	Jordan	**406**	(5.3)	412	(6.0)	436	(5.6)	**435**	(5.9)	**12.6**	(3.99)	**1.3**	(0.13)	1.6	(0.99)
	Kyrgyzstan	**314**	(6.1)	313	(4.6)	317	(5.3)	**344**	(6.8)	**15.8**	(4.74)	1.2	(0.13)	1.9	(1.07)
	Latvia	c	c	c	c	c	c	c	c	**c**	c	c	c	c	c
	Liechtenstein	c	c	c	c	c	c	c	c	**c**	c	c	c	c	c
	Lithuania	c	c	c	c	c	c	c	c	**c**	c	c	c	c	c
	Macao-China	**506**	(2.3)	520	(2.1)	501	(3.1)	**516**	(3.4)	**7.0**	(1.52)	**1.2**	(0.08)	0.4	(0.16)
	Montenegro	**431**	(2.6)	396	(2.4)	412	(2.5)	**408**	(2.5)	**-7.0**	(1.15)	**0.7**	(0.05)	0.8	(0.26)
	Qatar	347	(2.5)	354	(2.9)	362	(2.7)	351	(1.8)	**4.8**	(1.00)	1.1	(0.08)	0.3	(0.11)
	Romania	**386**	(8.9)	418	(8.3)	432	(7.0)	**438**	(9.6)	**25.4**	(6.97)	**2.1**	(0.33)	6.6	(3.55)
	Russian Federation	c	c	c	c	c	c	c	c	**c**	c	c	c	c	c
	Serbia	**419**	(7.0)	419	(6.7)	429	(6.2)	**478**	(4.8)	**18.8**	(4.06)	1.3	(0.17)	5.3	(2.03)
	Slovenia	c	c	c	c	c	c	c	c	**c**	c	c	c	c	c
	Chinese Taipei	c	c	c	c	c	c	c	c	**c**	c	c	c	c	c
	Thailand	c	c	c	c	c	c	c	c	**c**	c	c	c	c	c
	Tunisia	**366**	(7.2)	384	(6.7)	391	(8.0)	**402**	(10.4)	**14.8**	(4.11)	**1.5**	(0.20)	3.1	(1.79)
	Uruguay	**417**	(6.2)	427	(10.3)	429	(7.3)	**440**	(6.2)	**7.2**	(3.16)	1.2	(0.18)	0.6	(0.62)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.
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[Part 1/1]

Table 5.19a Admitting, grouping and selecting and student performance in science

Tableau 5.19a Politiques d'admission, regroupement par aptitude et sélection des élèves, et performance des élèves en sciences

		Gross			Net		
		Change in score	S.E.	P-value	Change in score	S.E.	P-value
Intercept		464.4	(7.8)	(0.000)	468.4	(5.6)	(0.000)
School with ability grouping for all subjects within school	1 = yes; 0 = no	-10.2	(2.3)	(0.000)	-4.5	(1.5)	(0.002)
School with high academic selectivity of school admittance	1 = yes; 0 = no	30.4	(4.5)	(0.000)	18.1	(2.7)	(0.000)
School with low academic selectivity of school admittance	1 = yes; 0 = no	-14.5	(3.0)	(0.000)	-1.6	(1.4)	(0.264)
System with early selection (difference between the first age of selection and the age of 15)	1 additional year	-4.2	(4.2)	(0.331)	-0.4	(3.9)	(0.927)
System-level number of school types or distinct educational programmes available to 15-year-olds	1 additional programme	6.9	(7.4)	(0.357)	3.3	(6.3)	(0.607)
Background variables							
Student's PISA index of economic, social and cultural status	1 = OECD S.D.				16.8	(1.2)	(0.000)
Student's PISA index of economic, social and cultural status squared					1.9	(0.4)	(0.000)
Student is female	1 = yes; 0 = no				-5.9	(1.1)	(0.000)
Student has no immigration background (student and parents were born in the country of assessment)	1 = yes; 0 = no				10.4	(3.3)	(0.002)
Student speaks the test language or other national language most of the time or always at home	1 = yes; 0 = no				25.0	(2.8)	(0.000)
School located in a small town or village (fewer than 15 000 people)	1 = yes; 0 = no				7.1	(1.6)	(0.000)
School located in a city (with over 100 000 people)	1 = yes; 0 = no				-6.2	(1.4)	(0.000)
School size	100 additional students				1.7	(0.3)	(0.000)
School size squared					0.0	(0.0)	(0.000)
School average PISA index of economic, social and cultural status	1 = OECD S.D.				50.4	(3.6)	(0.000)
System average PISA index of economic, social and cultural status	1 = OECD S.D.				12.0	(10.7)	(0.266)

Variance explained (expressed as % of total variance)	Student level	0.0	2.4
	School level	1.7	15.3
	System level	0.8	13.0
	Total	2.5	30.7
Variance explained (expressed as % of variance at each level)	Student level	0.0	5.0
	School level	6.5	57.4
	System level	2.9	49.7

Note: All slopes are fixed. All variables are grand-centred (a linear transformation of variables by subtracting the overall mean from the value proper). Intercept is random at all levels. The analysis is based on 55 countries. See Annex A8 for the detailed model specification.

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[Part 1/1]

Table 5.19b School management and funding and student performance in science

Tableau 5.19b Relation entre les modalités de gestion et de financement des établissements et la performance des élèves en sciences

		Gross			Net		
		Change in score	S.E.	P-value	Change in score	S.E.	P-value
Intercept		466.1	(8.4)	(0.000)	469.0	(5.8)	(0.000)
School being privately managed	1 = private; 0 = public	20.0	(6.4)	(0.002)	-2.6	(2.8)	(0.353)
School with high proportion of school funding from government sources	Each additional 10%	-3.2	(0.8)	(0.000)	0.3	(0.4)	(0.436)
Background variables							
Student's PISA index of economic, social and cultural status	1 = OECD S.D.				16.8	(1.2)	(0.000)
Student's PISA index of economic, social and cultural status squared					1.9	(0.4)	(0.000)
Student is female	1 = yes; 0 = no				-5.9	(1.1)	(0.000)
Student has no immigration background (student and parents were born in the country of assessment)	1 = yes; 0 = no				10.4	(3.3)	(0.002)
Student speaks the test language or other national language most of the time or always at home	1 = yes; 0 = no				25.0	(2.8)	(0.000)
School located in a small town or village (fewer than 15 000 people)	1 = yes; 0 = no				6.4	(1.7)	(0.000)
School located in a city (with over 100 000 people)	1 = yes; 0 = no				-6.0	(1.4)	(0.000)
School size	100 additional students				1.6	(0.3)	(0.000)
School size squared					0.0	(0.0)	(0.001)
School average PISA index of economic, social and cultural status	1 = OECD S.D.				53.2	(4.1)	(0.000)
System average PISA index of economic, social and cultural status	1 = OECD S.D.				9.3	(11.8)	(0.430)

Variance explained (expressed as % of total variance)	Student level	0.0	2.4
	School level	1.1	15.0
	System level	-2.0	12.6
	Total	-1.0	29.9

Variance explained (expressed as % of variance at each level)	Student level	0.0	5.0
	School level	3.9	56.0
	System level	-7.7	48.1

Note: All slopes are fixed. All variables are grand-centred (a linear transformation of variables by subtracting the overall mean from the value proper). Intercept is random at all levels. The analysis is based on 55 countries. See Annex A8 for the detailed model specification.
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[Part 1/1]

Table 5.19c Parental pressure and choice and student performance in science

Tableau 5.19c Relation entre la liberté de choix de l'établissement et la pression parentale et la performance des élèves en sciences

		Gross			Net		
		Change in score	S.E.	P-value	Change in score	S.E.	P-value
Intercept		466.1	(7.9)	(0.000)	468.9	(5.5)	(0.000)
School with high level of competition	1 = yes; 0 = no	17.9	(2.5)	(0.000)	1.9	(1.6)	(0.245)
School with high levels of perceived parental pressure	1 = yes; 0 = no	11.2	(2.5)	(0.000)	2.0	(1.6)	(0.228)
System with high proportion of competitive schools	Each additional 10%	3.1	(4.9)	(0.525)	6.7	(3.7)	(0.076)
Background variables							
Student's PISA index of economic, social and cultural status	1 = OECD S.D.				16.8	(1.2)	(0.000)
Student's PISA index of economic, social and cultural status squared					1.9	(0.4)	(0.000)
Student is female	1 = yes; 0 = no				-5.9	(1.1)	(0.000)
Student has no immigration background (student and parents were born in the country of assessment)	1 = yes; 0 = no				10.4	(3.3)	(0.002)
Student speaks the test language or other national language most of the time or always at home	1 = yes; 0 = no				25.0	(2.8)	(0.000)
School located in a small town or village (fewer than 15 000 people)	1 = yes; 0 = no				6.8	(1.7)	(0.000)
School located in a city (with over 100 000 people)	1 = yes; 0 = no				-6.1	(1.4)	(0.000)
School size	100 additional students				1.7	(0.3)	(0.000)
School size squared					0.0	(0.0)	(0.001)
School average PISA index of economic, social and cultural status	1 = OECD S.D.				52.0	(3.8)	(0.000)
System average PISA index of economic, social and cultural status	1 = OECD S.D.				13.6	(10.7)	(0.209)
Variance explained (expressed as % of total variance)	Student level	0.0			2.4		
	School level	0.7			15.0		
	System level	0.7			13.6		
	Total	1.4			30.9		
Variance explained (expressed as % of variance at each level)	Student level	0.0			5.0		
	School level	2.7			56.0		
	System level	2.6			51.9		

Note: All slopes are fixed. All variables are grand-centred (a linear transformation of variables by subtracting the overall mean from the value proper). Intercept is random at all levels. The analysis is based on 55 countries. See Annex A8 for the detailed model specification.

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[Part 1/1]

Table 5.19d **Accountability policies and student performance in science**

Tableau 5.19d **Relation entre les politiques de responsabilisation et la performance des élèves en sciences**

		Gross			Net		
		Change in score	S.E.	P-value	Change in score	S.E.	P-value
Intercept		464.3	(7.7)	(0.000)	468.2	(5.5)	(0.000)
School informing parents of children's performance relative to other students in the school	1 = yes; 0 = no	4.7	(3.2)	(0.140)	2.8	(1.9)	(0.139)
School informing parents of children's performance relative to national benchmarks	1 = yes; 0 = no	4.2	(2.6)	(0.100)	1.8	(1.5)	(0.228)
School informing parents of students' performance relative to other schools	1 = yes; 0 = no	-5.0	(2.0)	(0.013)	-1.4	(1.5)	(0.352)
School posting achievement data publicly	1 = yes; 0 = no	14.7	(2.2)	(0.000)	6.6	(1.4)	(0.000)
School using achievement data for evaluating principals	1 = yes; 0 = no	-2.3	(2.4)	(0.354)	0.0	(1.4)	(0.993)
School using achievement data for evaluating teachers	1 = yes; 0 = no	4.3	(2.4)	(0.076)	-0.5	(1.4)	(0.711)
School using achievement data for allocating resources to schools	1 = yes; 0 = no	-4.8	(2.3)	(0.034)	-4.3	(1.6)	(0.007)
School with achievement data tracked over time	1 = yes; 0 = no	-2.4	(2.5)	(0.327)	-1.2	(1.6)	(0.443)
System with standards-based external examinations	ratio of existence	36.1	(16.0)	(0.028)	17.0	(13.9)	(0.226)
Background variables							
Student's PISA index of economic, social and cultural status	1 = OECD S.D.				16.8	(1.2)	(0.000)
Student's PISA index of economic, social and cultural status squared					1.9	(0.4)	(0.000)
Student is female	1 = yes; 0 = no				-5.9	(1.1)	(0.000)
Student has no immigration background (student and parents were born in the country of assessment)	1 = yes; 0 = no				10.4	(3.3)	(0.002)
Student speaks the test language or other national language most of the time or always at home	1 = yes; 0 = no				25.0	(2.8)	(0.000)
School located in a small town or village (fewer than 15 000 people)	1 = yes; 0 = no				6.5	(1.6)	(0.000)
School located in a city (with over 100 000 people)	1 = yes; 0 = no				-5.9	(1.4)	(0.000)
School size	100 additional students				1.6	(0.3)	(0.000)
School size squared					0.0	(0.0)	(0.001)
School average PISA index of economic, social and cultural status	1 = OECD S.D.				51.8	(3.8)	(0.000)
System average PISA index of economic, social and cultural status	1 = OECD S.D.				6.8	(12.6)	(0.589)

Variance explained (expressed as % of total variance)	Student level	0.0	2.4
	School level	0.5	15.0
	System level	2.1	13.0
	Total	2.6	30.4
Variance explained (expressed as % of variance at each level)	Student level	0.0	5.0
	School level	2.0	56.3
	System level	7.9	49.5

Note: All slopes are fixed. All variables are grand-centred (a linear transformation of variables by subtracting the overall mean from the value proper). Intercept is random at all levels. The analysis is based on 55 countries. See Annex A8 for the detailed model specification.

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[Part 1/1]

Table 5.19e School autonomy and student performance in science

Tableau 5.19e Relation entre l'autonomie des établissements et la performance des élèves en sciences

		Gross			Net		
		Change in score	S.E.	P-value	Change in score	S.E.	P-value
Intercept		465.1	(6.5)	(0.000)	469.4	(4.7)	(0.000)
School autonomy index in staffing	1 = S.D. across 55 countries	9.5	(2.6)	(0.000)	-3.4	(1.2)	(0.005)
School autonomy index in budgeting	1 = S.D. across 55 countries	1.1	(1.5)	(0.457)	1.5	(0.7)	(0.045)
School autonomy index in educational content	1 = S.D. across 55 countries	0.9	(1.6)	(0.573)	-0.8	(0.9)	(0.368)
System average school autonomy index in staffing	1 = S.D. across 55 countries	0.7	(9.2)	(0.936)	1.5	(6.8)	(0.829)
System average school autonomy index in budgeting	1 = S.D. across 55 countries	27.2	(13.9)	(0.056)	22.5	(11.1)	(0.048)
System average school autonomy index in educational content	1 = S.D. across 55 countries	22.1	(9.2)	(0.019)	20.3	(6.5)	(0.004)
Background variables							
Student's PISA index of economic, social and cultural status	1 = OECD S.D.				16.8	(1.2)	(0.000)
Student's PISA index of economic, social and cultural status squared					1.9	(0.4)	(0.000)
Student is female	1 = yes; 0 = no				-5.9	(1.1)	(0.000)
Student has no immigration background (student and parents were born in the country of assessment)	1 = yes; 0 = no				10.4	(3.3)	(0.002)
Student speaks the test language or other national language most of the time or always at home	1 = yes; 0 = no				24.9	(2.8)	(0.000)
School located in a small town or village (fewer than 15 000 people)	1 = yes; 0 = no				6.5	(1.7)	(0.000)
School located in a city (with over 100 000 people)	1 = yes; 0 = no				-5.8	(1.4)	(0.000)
School size	100 additional students				1.6	(0.3)	(0.000)
School size squared					0.0	(0.0)	(0.001)
School average PISA index of economic, social and cultural status	1 = OECD S.D.				53.3	(3.9)	(0.000)
System average PISA index of economic, social and cultural status	1 = OECD S.D.				2.9	(10.8)	(0.790)

Variance explained (expressed as % of total variance)	Student level	0.0	2.4
	School level	0.5	15.0
	System level	8.7	17.3
	Total	9.2	34.6

Variance explained (expressed as % of variance at each level)	Student level	0.0	5.0
	School level	1.8	56.1
	System level	33.3	66.0

Note: All slopes are fixed. All variables are grand-centred (a linear transformation of variables by subtracting the overall mean from the value proper). Intercept is random at all levels. The analysis is based on 55 countries. See Annex A8 for the detailed model specification.

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[Part 1/1]

Table 5.19f School resources and student performance in science

Tableau 5.19f Relation entre la dotation des établissements et la performance des élèves en sciences

		Gross			Net		
		Change in score	S.E.	P-value	Change in score	S.E.	P-value
Intercept		470.7	(6.2)	(0.000)	471.0	(4.7)	(0.000)
School average number of students per teacher	1 additional student per teacher	0.3	(0.2)	(0.121)	-0.2	(0.2)	(0.304)
School-level index of teacher shortage	1 = OECD S.D.	-4.1	(1.1)	(0.000)	-1.5	(0.9)	(0.073)
School average number of computers for instruction per student	1 additional computer per student	-12.5	(13.6)	(0.359)	2.5	(10.8)	(0.817)
School-level index of quality of school educational resources	1 = OECD S.D.	5.1	(1.2)	(0.000)	0.2	(0.7)	(0.798)
School average students' learning time for regular lessons in school	1 additional hour per week	14.3	(1.0)	(0.000)	8.7	(0.7)	(0.000)
School average students' learning time for out-of-school lessons	1 additional hour per week	-12.9	(2.4)	(0.000)	-9.0	(1.6)	(0.000)
School average students' learning time for self-study or homework	1 additional hour per week	3.8	(1.3)	(0.004)	3.1	(0.9)	(0.001)
School providing opportunity of learning science	Each additional 10%	1.7	(1.0)	(0.080)	1.4	(0.6)	(0.016)
School average index of school activities to promote students' learning of science	1 = OECD S.D.	7.1	(1.0)	(0.000)	2.9	(0.6)	(0.000)
Background variables							
Student's PISA index of economic, social and cultural status	1 = OECD S.D.				16.7	(1.2)	(0.000)
Student's PISA index of economic, social and cultural status squared					1.8	(0.4)	(0.000)
Student is female	1 = yes; 0 = no				-6.2	(1.1)	(0.000)
Student has no immigration background (student and parents were born in the country of assessment)	1 = yes; 0 = no				10.5	(3.3)	(0.002)
Student speaks the test language or other national language most of the time or always at home	1 = yes; 0 = no				25.0	(2.8)	(0.000)
School located in a small town or village (fewer than 15 000 people)	1 = yes; 0 = no				3.5	(1.4)	(0.016)
School located in a city (with over 100 000 people)	1 = yes; 0 = no				-4.3	(1.1)	(0.000)
School size	100 additional students				1.3	(0.3)	(0.000)
School size squared					0.0	(0.0)	(0.001)
School average PISA index of economic, social and cultural status	1 = OECD S.D.				34.2	(2.9)	(0.000)
System average PISA index of economic, social and cultural status	1 = OECD S.D.				18.1	(10.5)	(0.089)

Variance explained (expressed as % of total variance)	Student level	0.0	2.3
	School level	12.3	18.2
	System level	11.2	17.1
	Total	23.5	37.7
Variance explained (expressed as % of variance at each level)	Student level	-0.1	5.0
	School level	46.0	68.0
	System level	42.9	65.4

Note: All slopes are fixed. All variables are grand-centred (a linear transformation of variables by subtracting the overall mean from the value proper). Intercept is random at all levels. The analysis is based on 55 countries. See Annex A8 for the detailed model specification.

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[Part 1/3]

Table 5.19g School and system factors and student performance in science, all significant factors combined

Tableau 5.19g Facteurs scolaires et systémiques et performances des élèves en sciences, tous facteurs significatifs combinés

		Model 0a Empty			Model 0b Background		
		Change in score	S.E.	P-value	Change in score	S.E.	P-value
Intercept		466.1	(8.0)	(0.000)	469.1	(5.7)	(0.000)
Admitting, grouping and selecting							
School with ability grouping for all subjects within school	1 = yes; 0 = no						
School with high academic selectivity of school admittance	1 = yes; 0 = no						
School with low academic selectivity of school admittance	1 = yes; 0 = no						
School management and funding							
School being privately managed	1 = private; 0 = public						
School with high proportion of school funding from government sources	Each additional 10%						
Parental pressure and choice							
School with high level of competition	1 = yes; 0 = no						
School with high levels of perceived parental pressure	1 = yes; 0 = no						
System with high proportion of competitive schools	Each additional 10%						
Accountability policies							
School posting achievement data publicly	1 = yes; 0 = no						
System with standards-based external examinations	ratio of existence						
School autonomy							
School autonomy index in staffing	1 = S.D. across 55 countries						
School autonomy index in budgeting	1 = S.D. across 55 countries						
School autonomy index in educational content	1 = S.D. across 55 countries						
System average school autonomy index in staffing	1 = S.D. across 55 countries						
System average school autonomy index in budgeting	1 = S.D. across 55 countries						
System average school autonomy index in educational content	1 = S.D. across 55 countries						
School resources							
School-level index of teacher shortage	1 = OECD S.D.						
School-level index of quality of school educational resources	1 = OECD S.D.						
School average students' learning time for regular lessons in school	1 additional hour per week						
School average students' learning time for out-of-school lessons	1 additional hour per week						
School average students' learning time for self-study or homework	1 additional hour per week						
School average index of school activities to promote students' learning of science	1 = OECD S.D.						
Background variables							
Student's PISA index of economic, social and cultural status	1 = OECD S.D.				16.8	(1.2)	(0.000)
Student's PISA index of economic, social and cultural status squared					1.9	(0.4)	(0.000)
Student is female	1 = yes; 0 = no				-5.9	(1.1)	(0.000)
Student has no immigration background (student and parents were born in the country of assessment)	1 = yes; 0 = no				10.4	(3.3)	(0.002)
Student speaks the test language or other national language most of the time or always at home	1 = yes; 0 = no				25.0	(2.8)	(0.000)
School located in a small town or village (fewer than 15 000 people)	1 = yes; 0 = no				6.5	(1.7)	(0.000)
School located in a city (with over 100 000 people)	1 = yes; 0 = no				-6.2	(1.4)	(0.000)
School size	100 additional students				1.7	(0.3)	(0.000)
School size squared					0.0	(0.0)	(0.001)
School average index of economic, social and cultural status	1 = OECD S.D.				52.3	(3.8)	(0.000)
System average index of economic, social and cultural status	1 = OECD S.D.				11.5	(11.4)	(0.320)
Variance explained (expressed as % of total variance)[1]	Student level		47.1			2.4	
	School level		26.7			14.9	
	System level		26.2			12.6	
	Total		100.0			29.9	
Variance explained (expressed as % of variance at each level)	Student level					5.0	
	School level					55.9	
	System level					48.1	

Note: All slopes are fixed. All variables are grand-centred (a linear transformation of variables by subtracting the overall mean from the value proper). Intercept is random at all levels. The analysis is based on 55 countries. See Annex A8 for the detailed model specification.
1. For the Model 0a (empty model), variance decomposition among the three levels is presented.
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[Part 2/3]

Table 5.19g School and system factors and student performance in science, all significant factors combined

Tableau 5.19g Facteurs scolaires et systémiques et performances des élèves en sciences, tous facteurs significatifs combinés

		Model 1G First gross combined			Model 2G Second gross combined		
		Change in score	S.E.	P-value	Change in score	S.E.	P-value
Intercept		469.6	(5.6)	(0.000)	470.2	(6.1)	(0.000)
Admitting, grouping and selecting							
School with ability grouping for all subjects within school	1 = yes; 0 = no	-7.6	(1.3)	(0.000)	-7.6	(1.3)	(0.000)
School with high academic selectivity of school admittance	1 = yes; 0 = no	18.7	(3.2)	(0.000)	18.5	(3.2)	(0.000)
School with low academic selectivity of school admittance	1 = yes; 0 = no	-6.4	(2.2)	(0.004)	-7.0	(2.2)	(0.002)
School management and funding							
School being privately managed	1 = private; 0 = public	8.6	(3.1)	(0.006)			
School with high proportion of school funding from government sources	Each additional 10%	-1.7	(0.6)	(0.003)	-2.1	(0.5)	(0.000)
Parental pressure and choice							
School with high level of competition	1 = yes; 0 = no	5.4	(1.9)	(0.005)	6.0	(1.9)	(0.002)
School with high levels of preceived parental pressure	1 = yes; 0 = no	3.3	(1.5)	(0.026)			
System with high proportion of competitive schools	Each additional 10%	-8.5	(3.1)	(0.008)	-4.6	(3.3)	(0.178)
Accountability policies							
School posting achievement data publicly	1 = yes; 0 = no	5.4	(1.1)	(0.000)	5.3	(1.1)	(0.000)
System with standards-based external examinations	ratio of existence	22.7	(14.2)	(0.115)			
School autonomy							
School autonomy index in staffing	1 = S.D. across 55 countries	-0.3	(1.3)	(0.847)			
School autonomy index in budgeting	1 = S.D. across 55 countries	0.9	(0.9)	(0.287)	1.4	(1.0)	(0.155)
School autonomy index in educational content	1 = S.D. across 55 countries	-0.2	(1.0)	(0.857)			
System average school autonomy index in staffing	1 = S.D. across 55 countries	10.9	(8.5)	(0.203)			
System average school autonomy index in budgeting	1 = S.D. across 55 countries	24.4	(11.1)	(0.032)	28.6	(12.2)	(0.023)
System average school autonomy index in educational content	1 = S.D. across 55 countries	3.9	(9.8)	(0.689)			
School resources							
School-level index of teacher shortage	1 = OECD S.D.	-3.6	(1.0)	(0.000)	-3.5	(1.0)	(0.000)
School-level index of quality of school educational resources	1 = OECD S.D.	3.8	(1.0)	(0.000)	3.9	(1.1)	(0.000)
School average students' learning time for regular lessons in school	1 additional hour per week	13.9	(0.8)	(0.000)	14.0	(0.8)	(0.000)
School average students' learning time for out-of-school lessons	1 additional hour per week	-11.6	(2.5)	(0.000)	-11.7	(2.5)	(0.000)
School average students' learning time for self-study or homework	1 additional hour per week	3.7	(1.2)	(0.002)	3.8	(1.2)	(0.002)
School average index of school activities to promote students' learning of science	1 = OECD S.D.	6.7	(1.0)	(0.000)	6.7	(0.9)	(0.000)
Background variables							
Student's PISA index of economic, social and cultural status	1 = OECD S.D.						
Student's PISA index of economic, social and cultural status squared							
Student is female	1 = yes; 0 = no						
Student has no immigration background (student and parents were born in the country of assessment)	1 = yes; 0 = no						
Student speaks the test language or other national language most of the time or always at home	1 = yes; 0 = no						
School located in a small town or village (fewer than 15 000 people)	1 = yes; 0 = no						
School located in a city (with over 100 000 people)	1 = yes; 0 = no						
School size	100 additional students						
School size squared							
School average index of economic, social and cultural status	1 = OECD S.D.						
System average index of economic, social and cultural status	1 = OECD S.D.						
Variance explained (expressed as % of total variance)	Student level		0.0			0.0	
	School level		13.1			13.0	
	System level		13.5			11.4	
	Total		26.6			24.4	
Variance explained (expressed as % of variance at each level)	Student level		-0.1			-0.1	
	School level		49.0			48.8	
	System level		51.7			43.6	

Note: All slopes are fixed. All variables are grand-centred (a linear transformation of variables by subtracting the overall mean from the value proper). Intercept is random at all levels. The analysis is based on 55 countries. See Annex A8 for the detailed model specification.

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[Part 3/3]

Table 5.19g School and system factors and student performance in science, all significant factors combined

Tableau 5.19g Facteurs scolaires et systémiques et performances des élèves en sciences, tous facteurs significatifs combinés

		Model 1N First net combined			Model 2N Second net combined		
		Change in score	S.E.	P-value	Change in score	S.E.	P-value
Intercept		471.1	(4.1)	(0.000)	471.0	(4.2)	(0.000)
Admitting, grouping and selecting							
School with ability grouping for all subjects within school	1 = yes; 0 = no	-4.5	(1.2)	(0.000)	-4.5	(1.2)	(0.000)
School with high academic selectivity of school admittance	1 = yes; 0 = no	14.3	(2.5)	(0.000)	14.4	(2.5)	(0.000)
School with low academic selectivity of school admittance	1 = yes; 0 = no	-1.3	(1.4)	(0.359)	-1.3	(1.4)	(0.378)
School management and funding							
School being privately managed	1 = private; 0 = public						
School with high proportion of school funding from government sources	Each additional 10%						
Parental pressure and choice							
School with high level of competition	1 = yes; 0 = no	-0.1	(1.5)	(0.946)			
School with high levels of perceived parental pressure	1 = yes; 0 = no						
System with high proportion of competitive schools	Each additional 10%	-0.8	(3.5)	(0.808)			
Accountability policies							
School posting achievement data publicly	1 = yes; 0 = no	3.6	(1.1)	(0.001)	3.5	(1.1)	(0.001)
System with standards-based external examinations	ratio of existence						
School autonomy							
School autonomy index in staffing	1 = S.D. across 55 countries						
School autonomy index in budgeting	1 = S.D. across 55 countries	1.1	(0.7)	(0.110)	0.9	(0.7)	(0.188)
School autonomy index in educational content	1 = S.D. across 55 countries	-1.3	(0.9)	(0.134)			
System average school autonomy index in staffing	1 = S.D. across 55 countries						
System average school autonomy index in budgeting	1 = S.D. across 55 countries	20.8	(8.7)	(0.021)	25.7	(9.3)	(0.008)
System average school autonomy index in educational content	1 = S.D. across 55 countries	10.5	(6.8)	(0.128)			
School resources							
School-level index of teacher shortage	1 = OECD S.D.						
School-level index of quality of school educational resources	1 = OECD S.D.						
School average students' learning time for regular lessons in school	1 additional hour per week	8.7	(0.6)	(0.000)	8.8	(0.6)	(0.000)
School average students' learning time for out-of-school lessons	1 additional hour per week	-8.6	(1.7)	(0.000)	-8.6	(1.7)	(0.000)
School average students' learning time for self-study or homework	1 additional hour per week	3.1	(0.8)	(0.000)	3.1	(0.8)	(0.000)
School average index of school activities to promote students' learning of science	1 = OECD S.D.	2.9	(0.6)	(0.000)	2.9	(0.6)	(0.000)
Background variables							
Student's PISA index of economic, social and cultural status	1 = OECD S.D.	16.7	(1.2)	(0.000)	16.7	(1.2)	(0.000)
Student's PISA index of economic, social and cultural status squared		1.8	(0.4)	(0.000)	1.8	(0.4)	(0.000)
Student is female	1 = yes; 0 = no	-6.2	(1.1)	(0.000)	-6.2	(1.1)	(0.000)
Student has no immigration background (student and parents were born in the country of assessment)	1 = yes; 0 = no	10.5	(3.3)	(0.002)	10.5	(3.3)	(0.002)
Student speaks the test language or other national language most of the time or always at home	1 = yes; 0 = no	25.1	(2.8)	(0.000)	25.1	(2.8)	(0.000)
School located in a small town or village (fewer than 15 000 people)	1 = yes; 0 = no	4.2	(1.4)	(0.004)	4.2	(1.4)	(0.003)
School located in a city (with over 100 000 people)	1 = yes; 0 = no	-4.0	(1.0)	(0.000)	-4.1	(1.0)	(0.000)
School size	100 additional students	1.2	(0.2)	(0.000)	1.2	(0.2)	(0.000)
School size squared		0.0	(0.0)	(0.001)	0.0	(0.0)	(0.000)
School average index of economic, social and cultural status	1 = OECD S.D.	33.5	(2.8)	(0.000)	33.3	(2.8)	(0.000)
System average index of economic, social and cultural status	1 = OECD S.D.	16.5	(11.2)	(0.148)	18.5	(10.7)	(0.089)

Variance explained (expressed as % of total variance)	Student level	2.3	2.3
	School level	18.4	18.3
	System level	19.1	18.8
	Total	39.8	39.5

Variance explained (expressed as % of variance at each level)	Student level	5.0	5.0
	School level	6.9	68.7
	System level	73.1	71.8

Note: All slopes are fixed. All variables are grand-centred (a linear transformation of variables by subtracting the overall mean from the value proper). Intercept is random at all levels. The analysis is based on 55 countries. See Annex A8 for the detailed model specification.

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[Part 1/1]

Table 5.20a **Admitting, grouping and selecting and the impact of socio-economic background on student performance in science**

Tableau 5.20a **Relation entre les politiques d'admission, le regroupement par aptitude, la sélection des élèves et l'impact du milieu socioéconomique sur la performance des élèves en sciences**

		Variable name	Change in relationship	S.E.	P-value
Estimates of within-school effect of the PISA index of economic, social and cultural status on performance (ESCS slope)					
Intercept		ESCS	16.3	(1.2)	(0.000)
School with ability grouping for all subjects within school	1 = yes; 0 = no	ESCS*XABGR	0.6	(0.6)	(0.311)
School with high academic selectivity of school admittance	1 = yes; 0 = no	ESCS*XHISELE	-1.2	(0.8)	(0.139)
School with low academic selectivity of school admittance	1 = yes; 0 = no	ESCS*XLOSELE	1.1	(0.6)	(0.084)
System with early selection (difference between the first age of selection and the age of 15)	1 additional year	ESCS*YYRSSEP	-1.3	(0.7)	(0.056)
System-level number of school types or distinct educational programmes available to 15-year-olds	1 additional programme	ESCS*YNRTRACK	-1.3	(1.2)	(0.294)
Estimates of compositional effect of the school average PISA index of economic, social and cultural status on performance (XESCS slope)					
Intercept		XESCS	56.7	(3.3)	(0.000)
System with early selection (difference between the first age of selection and the age of 15)	1 additional year	XESCS*YYRSSEP	6.6	(2.4)	(0.009)
System-level number of school types or distinct educational programmes available to 15-year-olds	1 additional programme	XESCS*YNRTRACK	6.2	(3.1)	(0.049)

		Variable name	Change in score	S.E.	P-value
Estimates of the performance level in science (Intercept)					
Intercept			462.3	(6.0)	(0.000)
School with ability grouping for all subjects within school	1 = yes; 0 = no	XABGR	-3.5	(1.2)	(0.005)
School with high academic selectivity of school admittance	1 = yes; 0 = no	XHISELE	16.2	(2.5)	(0.000)
School with low academic selectivity of school admittance	1 = yes; 0 = no	XLOSELE	-1.3	(1.3)	(0.320)
System with early selection (difference between the first age of selection and the age of 15)	1 additional year	YYRSSEP	-1.9	(3.6)	(0.608)
System-level number of school types or distinct educational programmes available to 15-year-olds	1 additional programme	YNRTRACK	2.3	(6.2)	(0.709)
Background variables					
Student's PISA index of economic, social and cultural status squared		$ESCS^2$	0.1	(0.3)	(0.584)
Student is female	1 = yes; 0 = no	FEMALE	-6.0	(1.1)	(0.000)
Student has no immigration background (student and parents were born in the country of assessment)	1 = yes; 0 = no	NATIVE	10.2	(3.1)	(0.002)
Student speaks the test language or other national language most of the time or always at home	1 = yes; 0 = no	SAMELANG	23.0	(2.8)	(0.000)
School located in a small town or village (fewer than 15 000 people)	1 = yes; 0 = no	XRURAL	4.7	(1.4)	(0.001)
School located in a city (with over 100 000 people)	1 = yes; 0 = no	XCITY	-5.3	(1.3)	(0.000)
School size	100 additional students	XSCHSIZE	1.5	(0.3)	(0.000)
School size squared		$XSCHSIZ^2$	0.0	(0.0)	(0.001)
System average PISA index of economic, social and cultural status	1 = OECD S.D.	YESCS	-2.3	(10.1)	(0.821)

Note: All slopes are fixed except ESCS and XESCS. All variables are grand-centred (a linear transformation of variables by subtracting the overall mean from the value proper). Intercept is random at all levels. The analysis is based on 55 countries. See Annex A8 for the detailed model specification.

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[Part 1/1]

Table 5.20b School management and funding and the impact of socio-economic background on student performance in science

Tableau 5.20b Relation entre les modalités de gestion et de financement des établissements et l'impact du milieu socioéconomique sur la performance des élèves en sciences

		Variable name	Change in relationship	S.E.	P-value
Estimates of within-school effect of the PISA index of economic, social and cultural status on performance (ESCS slope)					
Intercept		ESCS	16.3	(1.3)	(0.000)
School being privately managed	1 = private; 0 = public	ESCS*XPRIVMAN	-0.7	(0.8)	(0.382)
School with high proportion of school funding from government sources	Each additional 10%	ESCS*XGOVFUND	0.2	(0.1)	(0.174)
Estimates of compositional effect of the school average PISA index of economic, social and cultural status on performance (XESCS slope)					
Intercept		XESCS	58.2	(4.3)	(0.000)

		Variable name	Change in score	S.E.	P-value
Estimates of the performance level in science (Intercept)					
Intercept			462.9	(5.8)	(0.000)
School being privately managed	1 = private; 0 = public	XPRIVMAN	-1.1	(3.1)	(0.714)
School with high proportion of school funding from government sources	Each additional 10%	XGOVFUND	0.0	(0.4)	(0.916)
Background variables					
Student's PISA index of economic, social and cultural status squared		$ESCS^2$	0.2	(0.3)	(0.556)
Student is female	1 = yes; 0 = no	FEMALE	-6.0	(1.1)	(0.000)
Student has no immigration background (student and parents were born in the country of assessment)	1 = yes; 0 = no	NATIVE	10.2	(3.1)	(0.002)
Student speaks the test language or other national language most of the time or always at home	1 = yes; 0 = no	SAMELANG	23.0	(2.8)	(0.000)
School located in a small town or village (fewer than 15 000 people)	1 = yes; 0 = no	XRURAL	4.1	(1.5)	(0.007)
School located in a city (with over 100 000 people)	1 = yes; 0 = no	XCITY	-5.3	(1.4)	(0.000)
School size	100 additional students	XSCHSIZE	1.4	(0.3)	(0.000)
School size squared		$XSCHSIZ^2$	0.0	(0.0)	(0.002)
System average PISA index of economic, social and cultural status	1 = OECD S.D.	YESCS	-1.1	(10.4)	(0.915)

Note: All slopes are fixed except ESCS and XESCS. All variables are grand-centred (a linear transformation of variables by subtracting the overall mean from the value proper). Intercept is random at all levels. The analysis is based on 55 countries. See Annex A8 for the detailed model specification.

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[Part 1/1]

Table 5.20c **Parental pressure and choice and the impact of socio-economic background on student performance in science**

Tableau 5.20c **Relation entre la liberté de choix de l'établissement, la pression parentale et l'impact du milieu socioéconomique sur la performance des élèves en sciences**

		Variable name	Change in relationship	S.E.	P-value
Estimates of within-school effect of the PISA index of economic, social and cultural status on performance (ESCS slope)					
Intercept		ESCS	16.3	(1.3)	(0.000)
School with high level of competition	1 = yes; 0 = no	ESCS*XSCHLCOM	1.0	(0.6)	(0.083)
School with high levels of peceived parental pressure	1 = yes; 0 = no	ESCS*XPRESSPA	1.0	(0.5)	(0.058)
System with high proportion of competitive schools	Each additional 10%	ESCS*YSCHLCOM	-0.8	(0.8)	(0.291)
Estimates of compositional effect of the school average PISA index of economic, social and cultural status on performance (XESCS slope)					
Intercept		XESCS	57.5	(4.0)	(0.000)
System with high proportion of competitive schools	Each additional 10%	XESCS*YSCHLCOM	3.5	(2.8)	(0.211)

		Variable name	Change in score	S.E.	P-value
Estimates of the performance level in science (Intercept)					
Intercept			462.7	(5.6)	(0.000)
School with high level of competition	1 = yes; 0 = no	XSCHLCOM	-0.3	(1.3)	(0.797)
School with high levels of peceived parental pressure	1 = yes; 0 = no	XPRESSPA	1.5	(1.4)	(0.261)
System with high proportion of competitive schools	Each additional 10%	YSCHLCOM	4.3	(3.7)	(0.250)
Background variables					
Student's PISA index of economic, social and cultural status squared		$ESCS^2$	0.0	(0.3)	(0.862)
Student is female	1 = yes; 0 = no	FEMALE	-6.0	(1.1)	(0.000)
Student has no immigration background (student and parents were born in the country of assessment)	1 = yes; 0 = no	NATIVE	10.2	(3.1)	(0.002)
Student speaks the test language or other national language most of the time or always at home	1 = yes; 0 = no	SAMELANG	23.0	(2.8)	(0.000)
School located in a small town or village (fewer than 15 000 people)	1 = yes; 0 = no	XRURAL	4.0	(1.5)	(0.009)
School located in a city (with over 100 000 people)	1 = yes; 0 = no	XCITY	-5.3	(1.4)	(0.000)
School size	100 additional students	XSCHSIZE	1.5	(0.3)	(0.000)
School size squared		$XSCHSIZ^2$	0.0	(0.0)	(0.002)
System average PISA index of economic, social and cultural status	1 = OECD S.D.	YESCS	2.8	(10.2)	(0.786)

Note: All slopes are fixed except ESCS and XESCS. All variables are grand-centred (a linear transformation of variables by subtracting the overall mean from the value proper). Intercept is random at all levels. The analysis is based on 55 countries. See Annex A8 for the detailed model specification.

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[Part 1/1]

Table 5.20d Accountability policies and the impact of socio-economic background on student performance in science

Tableau 5.20d Relation entre les politiques de responsabilisation et l'impact du milieu socioéconomique sur la performance des élèves en sciences

		Variable name	Change in relationship	S.E.	P-value
Estimates of within-school effect of the PISA index of economic, social and cultural status on performance (ESCS slope)					
Intercept		ESCS	16.1	(1.2)	(0.000)
School informing parents of children's performance relative to other students in the school	1 = yes; 0 = no	ESCS*XACC1	-0.5	(0.5)	(0.327)
School informing parents of children's performance relative to national benchmarks	1 = yes; 0 = no	ESCS*XACC2	1.1	(0.6)	(0.058)
School informing parents of students' performance relative to other schools	1 = yes; 0 = no	ESCS*XACC3	-0.4	(0.6)	(0.557)
School posting achievement data publicly	1 = yes; 0 = no	ESCS*XACC4	1.3	(0.5)	(0.012)
School using achievement data for evaluating principals	1 = yes; 0 = no	ESCS*XACC5	0.2	(0.6)	(0.789)
School using achievement data for evaluating teachers	1 = yes; 0 = no	ESCS*XACC6	0.4	(0.6)	(0.566)
School using achievement data for allocating resources to schools	1 = yes; 0 = no	ESCS*XACC7	-0.3	(0.6)	(0.599)
School with achievement data tracked over time	1 = yes; 0 = no	ESCS*XACC8	-0.4	(0.6)	(0.514)
System with standards-based external examinations	ratio of existence	ESCS*YSCENTEX	2.8	(2.6)	(0.290)
Estimates of compositional effect of the school average PISA index of economic, social and cultural status on performance (XESCS slope)					
Intercept		XESCS	56.9	(3.8)	(0.000)
System with standards-based external examinations	ratio of existence	XESCS*YSCENTEX	12.7	(8.0)	(0.120)

		Variable name	Change in score	S.E.	P-value
Estimates of the performance level in science (Intercept)					
Intercept			461.9	(5.6)	(0.000)
School informing parents of children's performance relative to other students in school	1 = yes; 0 = no	XACC1	1.7	(1.4)	(0.231)
School informing parents of children's performance relative to national benchmarks	1 = yes; 0 = no	XACC2	1.3	(1.2)	(0.298)
School informing parents of students' performance relative to other schools	1 = yes; 0 = no	XACC3	-1.7	(1.4)	(0.235)
School posting achievement data publicly	1 = yes; 0 = no	XACC4	6.6	(1.3)	(0.000)
School using achievement data for evaluating principals	1 = yes; 0 = no	XACC5	-0.1	(1.4)	(0.948)
School using achievement data for evaluating teachers	1 = yes; 0 = no	XACC6	-0.5	(1.3)	(0.716)
School using achievement data for allocating resources to schools	1 = yes; 0 = no	XACC7	-2.9	(1.5)	(0.045)
School with achievement data tracked over time	1 = yes; 0 = no	XACC8	-1.3	(1.4)	(0.344)
System with standards-based external examinations	ratio of existence	YSCENTEX	21.5	(13.6)	(0.118)
Background variables					
Student's PISA index of economic, social and cultural status squared		$ESCS^2$	0.1	(0.3)	(0.784)
Student is female	1 = yes; 0 = no	FEMALE	-6.0	(1.1)	(0.000)
Student has no immigration background (student and parents were born in the country of assessment)	1 = yes; 0 = no	NATIVE	10.2	(3.1)	(0.002)
Student speaks the test language or other national language most of the time or always at home	1 = yes; 0 = no	SAMELANG	23.0	(2.8)	(0.000)
School located in a small town or village (fewer than 15 000 people)	1 = yes; 0 = no	XRURAL	4.1	(1.5)	(0.006)
School located in a city (with over 100 000 people)	1 = yes; 0 = no	XCITY	-5.1	(1.3)	(0.000)
School size	100 additional students	XSCHSIZE	1.4	(0.3)	(0.000)
School size squared		$XSCHSIZ^2$	0.0	(0.0)	(0.002)
System average PISA index of economic, social and cultural status	1 = OECD S.D.	YESCS	-3.8	(11.4)	(0.741)

Note: All slopes are fixed except ESCS and XESCS. All variables are grand-centred (a linear transformation of variables by subtracting the overall mean from the value proper). Intercept is random at all levels. The analysis is based on 55 countries. See Annex A8 for the detailed model specification.
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[Part 1/1]

Table 5.20e School autonomy and the impact of socio-economic background on student performance in science

Tableau 5.20e Relation entre l'autonomie des établissements et l'impact du milieu socioéconomique sur la performance des élèves en sciences

		Variable name	Change in relationship	S.E.	P-value
Estimates of within-school effect of the PISA index of economic, social and cultural status on performance (ESCS slope)					
Intercept		ESCS	16.3	(1.3)	(0.000)
School autonomy index in staffing	1 = S.D. across 55 countries	ESCS*XFACS	0.0	(0.4)	(0.943)
School autonomy index in budgeting	1 = S.D. across 55 countries	ESCS*XFACB	0.1	(0.3)	(0.675)
School autonomy index in educational content	1 = S.D. across 55 countries	ESCS*XFACC	0.4	(0.4)	(0.394)
System average school autonomy index in staffing	1 = S.D. across 55 countries	ESCS*YFACS	1.8	(1.8)	(0.311)
System average school autonomy index in budgeting	1 = S.D. across 55 countries	ESCS*YFACB	1.0	(3.3)	(0.765)
System average school autonomy index in educational contents	1 = S.D. across 55 countries	ESCS*YFACC	1.3	(1.9)	(0.495)
Estimates of compositional effect of the school average PISA index of economic, social and cultural status on performance (XESCS slope)					
Intercept		XESCS	58.1	(4.1)	(0.000)
System average school autonomy index in staffing	1 = S.D. across 55 countries	XESCS*YFACS	2.8	(6.8)	(0.683)
System average school autonomy index in budgeting	1 = S.D. across 55 countries	XESCS*YFACB	6.6	(8.4)	(0.436)
System average school autonomy index in educational content	1 = S.D. across 55 countries	XESCS*YFACC	-1.3	(5.3)	(0.806)

		Variable name	Change in score	S.E.	P-value
Estimates of the performance level in science (Intercept)					
Intercept			463.2	(4.9)	(0.000)
School autonomy index in staffing	1 = S.D. across 55 countries	XFACS	-1.5	(1.3)	(0.255)
School autonomy index in budgeting	1 = S.D. across 55 countries	XFACB	1.0	(0.7)	(0.125)
School autonomy index in educational content	1 = S.D. across 55 countries	XFACC	-0.4	(0.9)	(0.671)
System average school autonomy index in staffing	1 = S.D. across 55 countries	YFACS	-0.8	(7.4)	(0.915)
System average school autonomy index in budgeting	1 = S.D. across 55 countries	YFACB	17.0	(11.6)	(0.149)
System average school autonomy index in educational content	1 = S.D. across 55 countries	YFACC	20.0	(6.9)	(0.006)
Background variables					
Student's PISA index of economic, social and cultural status squared		$ESCS^2$	0.1	(0.3)	(0.738)
Student is female	1 = yes; 0 = no	FEMALE	-6.0	(1.1)	(0.000)
Student has no immigration background (student and parents were born in the country of assessment)	1 = yes; 0 = no	NATIVE	10.2	(3.1)	(0.002)
Student speaks the test language or other national language most of the time or always at home	1 = yes; 0 = no	SAMELANG	23.0	(2.8)	(0.000)
School located in a small town or village (fewer than 15 000 people)	1 = yes; 0 = no	XRURAL	4.1	(1.5)	(0.007)
School located in a city (with over 100 000 people)	1 = yes; 0 = no	XCITY	-5.2	(1.4)	(0.000)
School size	100 additional students	XSCHSIZE	1.4	(0.3)	(0.000)
School size squared		$XSCHSIZ^2$	0.0	(0.0)	(0.002)
System average PISA index of economic, social and cultural status	1 = OECD S.D.	YESCS	4.6	(10.8)	(0.674)

Note: All slopes are fixed except ESCS and XESCS. All variables are grand-centred (a linear transformation of variables by subtracting the overall mean from the value proper). Intercept is random at all levels. The analysis is based on 55 countries. See Annex A8 for the detailed model specification.

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[Part 1/1]

Table 5.20f School resources and the impact of socio-economic background on student performance in science

Tableau 5.20f Relation entre la dotation des établissements et l'impact du milieu socioéconomique sur la performance des élèves en sciences

		Variable name	Change in relationship	S.E.	P-value
Estimates of within-school effect of the PISA index of economic, social and cultural status on performance (ESCS slope)					
Intercept		ESCS	16.1	(1.2)	(0.000)
School average number of students per teacher	1 additional student per teacher	ESCS*XSTRATIO	0.0	(0.0)	(0.909)
School-level index of teacher shortage	1 = OECD S.D.	ESCS*XTCSHORT	0.0	(0.2)	(0.865)
School average number of computers for instruction per student	1 additional computer per student	ESCS*XIRATCOMP	-6.6	(2.3)	(0.004)
School-level index of quality of school educational resources	1 = OECD S.D.	ESCS*XSCMATED	0.3	(0.2)	(0.141)
School average students' learning time for regular lessons in school	1 additional hour per week	ESCS*XLTSCTOT	0.6	(0.2)	(0.003)
School average students' learning time for out-of-school lessons	1 additional hour per week	ESCS*XLTOSTOT	-0.8	(0.4)	(0.020)
School average students' learning time for self-study or homework	1 additional hour per week	ESCS*XLTSTTOT	-0.1	(0.3)	(0.850)
School providing opportunity of learning science	Each additional 10%	ESCS*XANYSCIE	0.1	(0.2)	(0.438)
School average index of school activities to promote students' learning o science	1 = OECD S.D.	ESCS*XSCIPROM	0.5	(0.3)	(0.117)
Estimates of compositional effect of the school average PISA index of economic, social and cultural status on performance (XESCS slope)					
Intercept		XESCS	39.6	(3.1)	(0.000)

		Variable name	Change in score	S.E.	P-value
Estimates of the performance level in science (Intercept)					
Intercept			465.8	(4.7)	(0.000)
School average number of students per teacher	1 additional student per teacher	XSTRATIO	-0.2	(0.1)	(0.143)
School-level index of teacher shortage	1 = OECD S.D.	XTCSHORT	-1.4	(0.8)	(0.096)
School average number of computers for instruction per student	1 additional computer per student	XIRATCOMP	12.8	(8.4)	(0.126)
School-level index of quality of school educational resources	1 = OECD S.D.	XSCMATED	1.0	(0.6)	(0.093)
School average students' learning time for regular lessons in school	1 additional hour per week	XLTSCTOT	8.4	(0.7)	(0.000)
School average students' learning time for out-of-school lessons	1 additional hour per week	XLTOSTOT	-8.8	(1.4)	(0.000)
School average students' learning time for self-study or homework	1 additional hour per week	XLTSTTOT	2.6	(0.8)	(0.001)
School providing opportunity of learning science	Each additional 10%	XANYSCIE	1.2	(0.6)	(0.050)
School average index of school activities to promote students' learning of science	1 = OECD S.D.	XSCIPROM	2.3	(0.6)	(0.000)
Background variables					
Student's PISA index of economic, social and cultural status squared		$ESCS^2$	-0.3	(0.3)	(0.292)
Student is female	1 = yes; 0 = no	FEMALE	-6.3	(1.1)	(0.000)
Student has no immigration background (student and parents were born in the country of assessment)	1 = yes; 0 = no	NATIVE	10.2	(3.1)	(0.002)
Student speaks the test language or other national language most of the time or always at home	1 = yes; 0 = no	SAMELANG	23.0	(2.8)	(0.000)
School located in a small town or village (fewer than 15 000 people)	1 = yes; 0 = no	XRURAL	2.1	(1.4)	(0.135)
School located in a city (with over 100 000 people)	1 = yes; 0 = no	XCITY	-4.0	(1.1)	(0.001)
School size	100 additional students	XSCHSIZE	1.3	(0.2)	(0.000)
School size squared		$XSCHSIZ^2$	0.0	(0.0)	(0.001)
System average PISA index of economic, social and cultural status	1 = OECD S.D.	YESCS	5.1	(9.8)	(0.604)

Note: All slopes are fixed except ESCS and XESCS. All variables are grand-centred (a linear transformation of variables by subtracting the overall mean from the value proper). Intercept is random at all levels. The analysis is based on 55 countries. See Annex A8 for the detailed model specification.

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[Part 1/3]

Table 5.20g School and system factors and the impact of socio-economic background on student performance in science, all significant factors combined

Tableau 5.20g Facteurs scolaires et systémiques et impact du milieu socioéconomique sur la performance des élèves en sciences, tous facteurs significatifs combinés

			Model 0b Background Model		
		Variable name	Change in relationship	S.E.	P-value
Estimates of within-school effect of the PISA index of economic, social and cultural status on performance (ESCS slope)					
Intercept		ESCS	16.3	(1.32)	(0.000)
Admitting, grouping and selecting					
System with early selection (difference between the first age of selection and the age of 15)	1 additional year	ESCS*YYRSSEP			
School resources					
School average students' learning time for regular lessons in school	1 additional hour per week	ESCS*XLTSCTOT			
School average number of computers for instruction per student	1 additional computer per student	ESCS*XIRATCOM			
Estimates of compositional effect of the school average PISA index of economic, social and cultural status on performance (XESCS slope)					
Intercept		XESCS	57.7	(4.01)	(0.000)
Admitting, grouping and selecting					
System with early selection (difference between the first age of selection and the age of 15)	1 additional year	XESCS*YYRSSEP			
System-level number of school types or distinct educational programmes available to 15-year-olds	1 additional programme	XESCS*YNRTRACKS			
		Variable name	Change in score	S.E.	P-value
Estimates of the performance level in science (Intercept)					
Intercept			462.9	(6.16)	(0.000)
Admitting, grouping and selecting					
System with early selection (difference between the first age of selection and the age of 15)	1 additional year	YYRSSEP			
System-level number of school types or distinct educational programmes available to 15-year-olds	1 additional programme	YNRTRACKS			
School resources					
School average students' learning time for regular lessons in school	1 additional hour per week	XLTSCTOT			
School average number of computers for instruction per student	1 additional computer per student	XIRATCOMP			
Background variables					
Student's PISA index of economic, social and cultural status squared		$ESCS^2$	0.1	(0.28)	(0.721)
Student is female	1 = yes; 0 = no	FEMALE	-6.0	(1.11)	(0.000)
Student has no immigration background (student and parents were born in the country of assessment)	1 = yes; 0 = no	NATIVE	10.2	(3.14)	(0.002)
Student speaks the test language or other national language most of the time or always at home	1 = yes; 0 = no	SAMELANG	23.0	(2.76)	(0.000)
School located in a small town or village (fewer than 15 000 people)	1 = yes; 0 = no	XRURAL	4.1	(1.51)	(0.007)
School located in a city (with over 100 000 people)	1 = yes; 0 = no	XCITY	-5.3	(1.38)	(0.000)
School size	100 additional students	XSCHSIZE	1.5	(0.29)	(0.000)
School size squared		$XSCHSIZ^2$	0.0	(0.01)	(0.002)
System average PISA index of economic, social and cultural status	1 = OECD S.D.	YESCS	-0.7	(11.18)	(0.951)

Note: All slopes are fixed except ESCS and XESCS. All variables are grand-centred (a linear transformation of variables by subtracting the overall mean from the value proper). Intercept is random at all levels. The analysis is based on 55 countries. See Annex A8 for the detailed model specification.

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[Part 2/3]

Table 5.20g School and system factors and the impact of socio-economic background on student performance in science, all significant factors combined

Tableau 5.20g Facteurs scolaires et systémiques et impact du milieu socioéconomique sur la performance des élèves en sciences, tous facteurs significatifs combinés

			Model 1 First combined		
		Variable name	Change in relationship	S.E.	P-value
Estimates of within-school effect of the PISA index of economic, social and cultural status on performance (ESCS slope)					
Intercept		ESCS	15.9	(1.17)	(0.000)
Admitting, grouping and selecting					
System with early selection (difference between the first age of selection and the age of 15)	1 additional year	ESCS*YYRSSEP	-1.9	(0.64)	(0.005)
School resources					
School average students' learning time for regular lessons in school	1 additional hour per week	ESCS*XLTSCTOT	0.7	(0.16)	(0.000)
School average number of computers for instruction per student	1 additional computer per student	ESCS*XIRATCOM	-5.5	(2.2)	(0.015)
Estimates of compositional effect of the school average PISA index of economic, social and cultural status on performance (XESCS slope)					
Intercept		XESCS	44.2	(2.79)	(0.000)
Admitting, grouping and selecting					
System with early selection (difference between the first age of selection and the age of 15)	1 additional year	XESCS*YYRSSEP	7.1	(2.21)	(0.003)
System-level number of school types or distinct educational programmes available to 15-year-olds	1 additional programme	XESCS*YNRTRACKS	4.0	(2.49)	(0.111)
		Variable name	Change in score	S.E.	P-value
Estimates of the performance level in science (Intercept)					
Intercept			464.1	(4.78)	(0.000)
Admitting, grouping and selecting					
System with early selection (difference between the first age of selection and the age of 15)	1 additional year	YYRSSEP	-0.3	(3.00)	(0.911)
System-level number of school types or distinct educational programmes available to 15-year-olds	1 additional programme	YNRTRACKS	6.4	(4.71)	(0.177)
School resources					
School average students' learning time for regular lessons in school	1 additional hour per week	XLTSCTOT	8.9	(0.56)	(0.000)
School average number of computers for instruction per student	1 additional computer per student	XIRATCOMP	20.6	(8.36)	(0.014)
Background variables					
Student's PISA index of economic, social and cultural status squared		$ESCS^2$	-0.2	(0.27)	(0.442)
Student is female	1= yes; 0 = no	FEMALE	-6.2	(1.10)	(0.000)
Student has no immigration background (student and parents were born in the country of assessment)	1= yes; 0 = no	NATIVE	10.2	(3.14)	(0.002)
Student speaks the test language or other national language most of the time or always at home	1= yes; 0 = no	SAMELANG	23.1	(2.76)	(0.000)
School located in a small town or village (fewer than 15 000 people)	1= yes; 0 = no	XRURAL	2.0	(1.49)	(0.176)
School located in a city (with over 100 000 people)	1= yes; 0 = no	XCITY	-4.1	(1.24)	(0.001)
School size	100 additional students	XSCHSIZE	1.4	(0.23)	(0.000)
School size squared		$XSCHSIZ^2$	0.0	(0.00)	(0.001)
System average PISA index of economic, social and cultural status	1= OECD S.D.	YESCS	9.8	(8.95)	(0.279)

Note: All slopes are fixed except ESCS and XESCS. All variables are grand-centred (a linear transformation of variables by subtracting the overall mean from the value proper). Intercept is random at all levels. The analysis is based on 55 countries. See Annex A8 for the detailed model specification.

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[Part 3/3]

Table 5.20g School and system factors and the impact of socio-economic background on student performance in science, all significant factors combined

Tableau 5.20g Facteurs scolaires et systémiques et impact du milieu socioéconomique sur la performance des élèves en sciences, tous facteurs significatifs combinés

			Model 2 Second combined		
		Variable name	Change in relationship	S.E.	P-value
Estimates of within-school effect of the PISA index of economic, social and cultural status on performance (ESCS slope)					
Intercept		ESCS	16.0	(1.15)	(0.000)
Admitting, grouping and selecting					
System with early selection (difference between the first age of selection and the age of 15)	1 additional year	ESCS*YYRSSEP	-1.9	(0.62)	(0.004)
School resources					
School average students' learning time for regular lessons in school	1 additional hour per week	ESCS*XLTSCTOT	0.7	(0.16)	(0.000)
School average number of computers for instruction per student	1 additional computer per student	ESCS*XIRATCOM			
Estimates of compositional effect of the school average PISA index of economic, social and cultural status on performance (XESCS slope)					
Intercept		XESCS	44.4	(2.79)	(0.000)
Admitting, grouping and selecting					
System with early selection (difference between the first age of selection and the age of 15)	1 additional year	XESCS*YYRSSEP	8.9	(1.88)	(0.000)
System-level number of school types or distinct educational programmes available to 15-year-olds	1 additional programme	XESCS*YNRTRACKS			
		Variable name	Change in score	S.E.	P-value
Estimates of the performance level in science (Intercept)					
Intercept			464.5	(4.76)	(0.000)
Admitting, grouping and selecting					
System with early selection (difference between the first age of selection and the age of 15)	1 additional year	YYRSSEP	2.7	(2.32)	(0.256)
System-level number of school types or distinct educational programmes available to 15-year-olds	1 additional programme	YNRTRACKS			
School resources					
School average students' learning time for regular lessons in school	1 additional hour per week	XLTSCTOT	8.9	(0.56)	(0.000)
School average number of computers for instruction per student	1 additional computer per student	XIRATCOMP			
Background variables					
Student's PISA index of economic, social and cultural status squared		$ESCS^2$	-0.2	(0.27)	(0.453)
Student is female	1 = yes; 0 = no	FEMALE	-6.2	(1.11)	(0.000)
Student has no immigration background (student and parents were born in the country of assessment)	1 = yes; 0 = no	NATIVE	10.2	(3.14)	(0.002)
Student speaks the test language or other national language most of the time or always at home	1 = yes; 0 = no	SAMELANG	23.1	(2.76)	(0.000)
School located in a small town or village (fewer than 15 000 people)	1 = yes; 0 = no	XRURAL	2.0	(1.50)	(0.186)
School located in a city (with over 100 000 people)	1 = yes; 0 = no	XCITY	-4.0	(1.24)	(0.002)
School size	100 additional students	XSCHSIZE	1.2	(0.24)	(0.000)
School size squared		$XSCHSIZ^2$	0.0	(0.00)	(0.003)
System average PISA index of economic, social and cultural status	1 = OECD S.D.	YESCS	15.5	(9.15)	(0.095)

Note: All slopes are fixed except ESCS and XESCS. All variables are grand-centred (a linear transformation of variables by subtracting the overall mean from the value proper). Intercept is random at all levels. The analysis is based on 55 countries. See Annex A8 for the detailed model specification.

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[Part 1/2]

Table 5.21a Impact of demographic and socio-economic factors and of school factors on variance in student performance in science, by country

Tableau 5.21a Impact des facteurs démographiques et socioéconomiques ainsi que des facteurs scolaires sur la variance de la performance des élèves en sciences, par pays

		Variance		Remaining variance					
		Empty (or fully unconditional) model[1]		Model with demographic and socio-economic factors[2]		Model with school factors[3]		Model with demographic and socio-economic factors and school factors[4]	
		Within-school	Between-school	Within-school	Between-school	Within-school	Between-school	Within-school	Between-school
OECD	Australia	8 242	1 839	7 637	646	8 227	829	7 627	511
	Austria	4 552	5 464	4 184	1 512	4 550	1 864	4 186	834
	Belgium	4 803	5 182	4 419	1 242	4 800	1 403	4 415	678
	Canada	7 162	1 668	6 704	895	7 149	1 021	6 698	711
	Czech Republic	5 007	5 617	4 740	1 597	4 998	1 617	4 737	984
	Denmark	7 390	1 393	6 411	527	7 389	968	6 408	436
	Finland	6 910	433	6 244	268	6 904	286	6 236	174
	Germany	4 530	5 944	4 156	1 159	4 530	1 268	4 154	514
	Greece	4 985	4 369	4 775	1 630	4 997	1 368	4 784	813
	Hungary	3 459	5 453	3 287	1 161	3 465	1 334	3 289	647
	Iceland	8 632	898	7 761	537	8 604	561	7 768	281
	Ireland	7 419	1 539	6 887	390	7 420	883	6 888	251
	Italy	4 664	4 758	4 446	2 001	4 658	1 917	4 440	1 049
	Japan	5 407	4 867	5 332	1 969	5 405	1 768	5 332	1 295
	Korea	5 325	2 869	5 232	1 275	5 327	581	5 232	486
	Luxembourg	6 528	2 738	5 474	187	6 530	443	5 478	15
	Mexico	3 444	2 293	3 269	988	3 441	1 285	3 266	764
	Netherlands	3 583	5 359	3 359	1 479	3 583	1 192	3 359	744
	New Zealand	9 649	1 930	8 360	320	9 647	548	8 354	139
	Norway	8 186	964	7 367	452	8 175	724	7 361	393
	Poland	7 091	1 108	6 236	530	7 052	550	6 228	371
	Portugal	5 262	2 502	4 833	878	5 261	946	4 830	428
	Slovak Republic	4 995	3 690	4 660	1 664	4 993	1 704	4 655	1 009
	Spain	6 686	1 151	6 014	503	6 672	695	6 005	391
	Sweden	7 886	1 091	6 892	395	7 887	714	6 892	271
	Switzerland	6 012	3 375	5 024	1 421	6 017	1 366	5 026	692
	Turkey	3 213	3 653	3 108	1 414	3 213	949	3 108	646
	United Kingdom	8 856	2 200	8 141	786	8 825	750	8 120	452
	United States	8 467	2 626	7 650	776	8 463	610	7 647	392
	OECD average	6 150	2 999	5 607	986	6 144	1 039	5 604	564
Partners	Argentina	5 237	4 794	5 073	1 732	5 239	1 820	5 073	976
	Azerbaijan	1 619	1 612	1 555	1 351	1 619	1 184	1 555	1 112
	Brazil	4 186	3 711	4 055	1 466	4 176	2 099	4 043	1 148
	Bulgaria	5 334	6 226	5 219	1 750	5 341	1 895	5 224	1 055
	Chile	4 661	4 740	4 510	1 122	4 667	931	4 510	492
	Colombia	5 119	2 244	4 880	879	5 118	1 089	4 881	621
	Croatia	4 481	3 036	4 272	1 040	4 485	1 264	4 276	540
	Estonia	5 525	1 437	5 170	608	5 526	756	5 172	353
	Hong Kong-China	5 241	3 072	5 040	1 273	5 240	1 116	5 040	727
	Indonesia	2 276	1 745	2 241	965	2 276	1 126	2 240	715
	Israel	8 797	3 926	8 116	2 041	8 797	2 045	8 116	1 300
	Jordan	6 107	1 792	5 411	766	6 105	993	5 402	627
	Kyrgyzstan	4 367	2 763	4 222	1 029	4 366	1 476	4 222	781
	Latvia	5 790	1 316	5 384	658	5 790	713	5 383	448
	Lithuania	5 878	2 308	5 443	807	5 870	940	5 440	524
	Macao-China	4 942	1 739	4 704	1 026	4 940	494	4 702	411
	Montenegro	4 554	1 812	4 442	640	4 554	463	4 443	270
	Romania	3 379	3 182	3 243	1 437	3 379	1 184	3 243	793
	Russian Federation	5 999	2 166	5 740	1 306	6 002	1 319	5 738	837
	Serbia	4 378	3 086	4 224	1 026	4 381	1 057	4 226	691
	Slovenia	3 844	5 811	3 612	1 496	3 839	1 689	3 609	823
	Chinese Taipei	4 652	4 120	4 451	1 635	4 653	1 373	4 452	1 037
	Thailand	3 920	2 294	3 789	586	3 913	1 531	3 788	393
	Tunisia	3 951	2 904	3 886	1 488	3 951	962	3 886	635
	Uruguay	5 214	3 525	4 966	1 280	5 220	2 294	4 969	1 018

1. See Model 0a in Table 5.19g.
2. See Model 0b in Table 5.19g.
3. See Model 2G in Table 5.19g.
4. See Model 2N in Table 5.19g.

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[Part 2/2]

Table 5.21a Impact of demographic and socio-economic factors and of school factors on variance in student performance in science, by country

Tableau 5.21a Impact des facteurs démographiques et socioéconomiques ainsi que des facteurs scolaires sur la variance de la performance des élèves en sciences, par pays

		Between-school variance expressed as a percentage of the average of between-school variance in student performance in science across OECD countries			
		Uniquely accounted for by demographic and socio-economic factors	Uniquely accounted for by school factors	Jointly accounted for by demographic and socio-economic factors and school factors	Remaining between-school variance
		%	%	%	%
OECD	Australia	10.6	4.5	29.1	17.0
	Austria	34.3	22.6	97.4	27.8
	Belgium	24.2	18.8	107.2	22.6
	Canada	10.3	6.1	15.4	23.7
	Czech Republic	21.1	20.4	112.9	32.8
	Denmark	17.7	3.0	11.2	14.5
	Finland	3.8	3.1	1.8	5.8
	Germany	25.2	21.5	134.4	17.1
	Greece	18.5	27.2	72.8	27.1
	Hungary	22.9	17.1	120.2	21.6
	Iceland	9.4	8.6	2.7	9.4
	Ireland	21.1	4.6	17.2	8.4
	Italy	29.0	31.7	63.0	35.0
	Japan	15.8	22.5	80.9	43.2
	Korea	3.1	26.3	50.0	16.2
	Luxembourg	14.3	5.7	70.8	0.5
	Mexico	17.4	7.5	26.2	25.5
	Netherlands	14.9	24.5	114.5	24.8
	New Zealand	13.7	6.0	40.0	4.6
	Norway	11.0	2.0	6.0	13.1
	Poland	6.0	5.3	13.3	12.4
	Portugal	17.3	15.0	36.9	14.3
	Slovak Republic	23.2	21.8	44.4	33.6
	Spain	10.1	3.8	11.5	13.0
	Sweden	14.8	4.1	8.4	9.0
	Switzerland	22.5	24.3	42.7	23.1
	Turkey	10.1	25.6	64.6	21.6
	United Kingdom	9.9	11.1	37.2	15.1
	United States	7.3	12.8	54.4	13.1
	OECD average	15.8	14.1	51.3	18.8
Partners	Argentina	28.1	25.2	74.0	32.5
	Azerbaijan	2.4	8.0	6.3	37.1
	Brazil	31.7	10.6	43.1	38.3
	Bulgaria	28.0	23.2	121.3	35.2
	Chile	14.7	21.0	106.0	16.4
	Colombia	15.6	8.6	29.9	20.7
	Croatia	24.1	16.7	42.4	18.0
	Estonia	13.4	8.5	14.2	11.8
	Hong Kong-China	13.0	18.2	47.0	24.2
	Indonesia	13.7	8.4	12.3	23.8
	Israel	24.8	24.7	38.0	43.4
	Jordan	12.2	4.6	22.0	20.9
	Kyrgyzstan	23.2	8.3	34.6	26.1
	Latvia	8.9	7.0	13.1	14.9
	Lithuania	13.9	9.4	36.2	17.5
	Macao-China	2.8	20.5	21.0	13.7
	Montenegro	6.4	12.4	32.6	9.0
	Romania	13.0	21.5	45.1	26.4
	Russian Federation	16.1	15.6	12.6	27.9
	Serbia	12.2	11.2	56.5	23.0
	Slovenia	28.9	22.4	115.0	27.4
	Chinese Taipei	11.2	19.9	71.7	34.6
	Thailand	37.9	6.4	19.0	13.1
	Tunisia	10.9	28.4	36.3	21.2
	Uruguay	42.5	8.7	32.3	33.9

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[Part 1/4]

Table 5.21b Effects of significant school factors[1] and demographic and socio-economic factors on student performance in science, by country

Tableau 5.21b Effets des facteurs scolaires significatifs et des facteurs démographiques et socioéconomiques sur la performance des élèves en sciences, par pays

		Student socio-economic factors									
		Student is a female		Student has no immigration background		Student's language at home is the same as language that the test was taken in		PISA index of economic, social and cultural status of student (1 unit increase)		PISA index of economic, social and cultural status of student (squared)	
		Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.
OECD	Australia	0.5	(2.1)	0.5	(2.7)	**16.2**	(4.4)	**28.7**	(1.4)	**-3.2**	(1.1)
	Austria	**-16.1**	(2.9)	**35.6**	(6.2)	**23.0**	(8.6)	**6.8**	(1.7)	**-3.2**	(1.0)
	Belgium	**-13.6**	(1.8)	**21.6**	(3.5)	**20.2**	(4.8)	**15.0**	(1.1)	-0.8	(0.8)
	Canada	**-7.2**	(2.0)	**8.0**	(3.2)	**13.0**	(4.9)	**23.0**	(1.6)	**-2.3**	(1.2)
	Czech Republic	**-16.8**	(2.8)	c	c	c	c	**17.7**	(1.7)	-1.8	(1.3)
	Denmark	**-9.2**	(2.7)	**31.2**	(6.9)	**32.0**	(8.7)	**28.0**	(2.0)	1.6	(1.3)
	Finland	2.1	(2.8)	c	c	c	c	**27.0**	(1.6)	2.8	(1.5)
	Germany	**-15.4**	(2.3)	**28.3**	(5.0)	**19.0**	(5.4)	**10.0**	(1.5)	0.6	(0.8)
	Greece	-4.3	(3.0)	-2.6	(6.3)	**27.7**	(7.8)	**14.6**	(1.5)	-2.3	(1.2)
	Hungary	**-25.8**	(2.4)	c	c	c	c	**4.5**	(1.3)	-0.5	(0.9)
	Iceland	**6.4**	(3.0)	c	c	c	c	**29.3**	(3.0)	-1.2	(1.6)
	Ireland	-2.0	(3.1)	-10.1	(8.1)	c	c	**27.9**	(2.0)	-0.8	(1.4)
	Italy	**-13.1**	(1.9)	**38.1**	(6.6)	c	c	**5.8**	(1.0)	**-1.6**	(0.6)
	Japan	-2.8	(2.5)	c	c	c	c	**5.1**	(2.2)	-2.2	(2.0)
	Korea	-1.2	(3.2)	c	c	c	c	**9.0**	(1.9)	2.3	(1.3)
	Luxembourg	**-8.5**	(2.5)	**22.7**	(4.3)	**22.6**	(4.3)	**15.4**	(1.7)	-1.1	(0.8)
	Mexico	**-13.2**	(1.5)	c	c	c	c	**7.4**	(0.9)	1.1	(0.4)
	Netherlands	**-14.6**	(2.1)	**23.5**	(6.3)	**19.7**	(5.6)	**6.9**	(1.2)	1.0	(1.0)
	New Zealand	-4.1	(3.4)	7.6	(4.0)	**28.7**	(6.4)	**39.4**	(1.9)	**3.2**	(1.5)
	Norway	4.2	(3.2)	**25.7**	(8.2)	12.0	(8.2)	**29.6**	(2.2)	-2.6	(1.5)
	Poland	-1.6	(2.4)	c	c	c	c	**34.9**	(1.6)	-0.8	(1.1)
	Portugal	**-7.5**	(2.6)	**33.2**	(6.8)	c	c	**17.0**	(1.4)	0.3	(0.7)
	Slovak Republic	**-14.3**	(2.7)	c	c	c	c	**20.1**	(1.8)	**-4.8**	(1.2)
	Spain	**-5.2**	(2.0)	**41.6**	(5.5)	c	c	**21.8**	(1.3)	**-3.4**	(0.8)
	Sweden	-1.7	(2.6)	**28.4**	(7.6)	**28.8**	(8.0)	**29.3**	(2.6)	-0.7	(1.4)
	Switzerland	**-13.7**	(2.1)	**36.2**	(3.6)	**25.2**	(3.9)	**19.1**	(1.4)	-0.5	(1.0)
	Turkey	2.5	(2.4)	c	c	c	c	**12.9**	(2.6)	**2.0**	(1.0)
	United Kingdom	**-10.2**	(2.4)	1.8	(4.6)	11.8	(9.1)	**32.4**	(2.1)	-2.3	(1.5)
	United States	-4.7	(2.5)	7.4	(5.0)	**21.6**	(6.1)	**31.2**	(1.9)	**3.4**	(1.2)
Partners	Argentina	1.9	(3.5)	c	c	c	c	**14.7**	(2.2)	0.9	(1.2)
	Azerbaijan	**7.6**	(1.5)	c	c	c	c	**7.4**	(1.0)	0.9	(0.6)
	Brazil	**-9.4**	(2.3)	c	c	c	c	**9.3**	(1.7)	0.8	(0.7)
	Bulgaria	-3.2	(3.2)	c	c	**21.1**	(6.2)	**11.8**	(1.7)	-1.1	(1.1)
	Chile	**-17.3**	(2.9)	c	c	c	c	**10.5**	(1.5)	0.4	(0.6)
	Colombia	**-12.3**	(3.5)	c	c	c	c	**10.9**	(2.9)	0.0	(1.0)
	Croatia	**-14.4**	(2.1)	**8.1**	(3.2)	c	c	**12.5**	(1.4)	**-2.4**	(1.1)
	Estonia	1.6	(2.4)	**9.0**	(4.2)	c	c	**21.7**	(1.8)	2.1	(1.9)
	Hong Kong-China	**-20.1**	(2.5)	**-6.6**	(2.9)	c	c	**7.4**	(2.3)	-1.8	(1.1)
	Indonesia	**-8.4**	(1.6)	c	c	c	c	2.8	(2.0)	0.6	(0.7)
	Israel	-4.8	(4.1)	2.3	(4.6)	-5.4	(7.1)	**25.7**	(2.3)	**4.4**	(1.4)
	Jordan	5.6	(4.4)	**-7.4**	(3.3)	c	c	**23.4**	(1.7)	**2.4**	(0.6)
	Kyrgyzstan	**5.7**	(2.3)	c	c	c	c	**7.0**	(1.9)	0.7	(0.9)
	Latvia	4.8	(2.7)	2.1	(4.8)	c	c	**20.9**	(2.1)	-1.6	(2.0)
	Lithuania	3.8	(2.6)	c	c	c	c	**24.5**	(1.5)	**-4.0**	(1.5)
	Macao-China	**-16.1**	(3.0)	**-19.8**	(2.7)	**31.0**	(8.8)	**5.7**	(2.6)	-1.1	(1.1)
	Montenegro	**-7.8**	(2.4)	**-14.5**	(4.7)	c	c	**9.7**	(1.5)	-1.2	(1.4)
	Romania	**-13.0**	(2.6)	c	c	c	c	**10.7**	(3.3)	-0.8	(1.1)
	Russian Federation	**-7.2**	(2.4)	**11.2**	(4.2)	**23.5**	(6.7)	**19.6**	(1.8)	0.0	(1.9)
	Serbia	**-13.3**	(2.1)	2.8	(3.1)	c	c	**10.5**	(1.3)	**-2.4**	(1.0)
	Slovenia	**-22.7**	(2.4)	**22.4**	(4.4)	**20.8**	(5.7)	1.9	(1.3)	1.3	(1.2)
	Chinese Taipei	**-9.1**	(2.1)	c	c	c	c	**13.9**	(1.4)	1.5	(1.4)
	Thailand	**8.9**	(2.4)	c	c	c	c	**15.2**	(1.9)	**3.2**	(0.7)
	Tunisia	**-7.3**	(2.5)	c	c	9.2	(6.0)	**7.5**	(1.7)	**1.4**	(0.6)
	Uruguay	**-6.7**	(2.9)	c	c	c	c	**15.8**	(1.6)	**1.5**	(0.8)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Significant school factors show effects even after accounting for other school and system-level factors and demographic and socio-economic factors (with statistical significance tested at the 0.5% level [p<0.005]). See Model 2N in Table 5.19g.

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[Part 2/4]

Table 5.21b Effects of significant school factors[1] and demographic and socio-economic factors on student performance in science, by country

Tableau 5.21b Effets des facteurs scolaires significatifs et des facteurs démographiques et socioéconomiques sur la performance des élèves en sciences, par pays

		School socio-economic factors									
		School average PISA index of economic, social and cultural status (1 unit increase)		School size (per 100 students)		School size (per 100 students) (squared)		School in a small town or village (15 000 or less people)		School in city (100 000 or more people)	
		Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.
OECD	Australia	**35.2**	(2.7)	**-1.4**	(0.6)	**0.1**	(0.0)	-2.2	(2.0)	**-3.9**	(1.3)
	Austria	**57.6**	(2.9)	**4.6**	(0.5)	**-0.1**	(0.0)	8.9	(2.5)	**8.0**	(2.3)
	Belgium	**50.6**	(1.7)	**-2.6**	(0.9)	**0.2**	(0.1)	**2.7**	(1.0)	**-15.0**	(1.3)
	Canada	**27.2**	(2.2)	**2.6**	(0.4)	**-0.1**	(0.0)	**4.7**	(1.7)	**-4.6**	(1.4)
	Czech Republic	**72.3**	(3.8)	-1.9	(1.3)	0.2	(0.1)	-1.3	(1.9)	**-13.7**	(1.6)
	Denmark	**32.2**	(4.5)	4.6	(2.4)	-0.4	(0.2)	3.1	(2.4)	1.9	(3.8)
	Finland	7.3	(4.4)	-0.1	(2.5)	0.3	(0.2)	**9.3**	(2.7)	3.7	(3.0)
	Germany	**49.3**	(3.2)	**7.8**	(0.8)	**-0.4**	(0.0)	-1.6	(1.8)	1.6	(1.9)
	Greece	**32.4**	(3.3)	0.8	(2.3)	0.2	(0.2)	**13.3**	(3.7)	5.6	(2.8)
	Hungary	**57.3**	(3.6)	**-1.9**	(0.8)	**0.1**	(0.0)	**-7.1**	(2.9)	**-14.4**	(2.5)
	Iceland	**29.0**	(8.1)	-7.4	(4.3)	0.1	(0.5)	0.0	(5.0)	**-11.3**	(5.1)
	Ireland	**38.2**	(3.7)	2.8	(2.3)	-0.2	(0.1)	**20.6**	(2.8)	4.3	(2.8)
	Italy	**59.4**	(1.6)	**1.0**	(0.4)	0.0	(0.0)	**3.7**	(1.0)	**-5.4**	(0.9)
	Japan	**70.2**	(4.0)	**1.9**	(0.3)	0.0	(0.0)	4.0	(2.4)	**-13.8**	(1.7)
	Korea	**13.7**	(3.9)	**5.2**	(1.2)	**-0.2**	(0.0)	1.1	(4.6)	**-9.0**	(3.2)
	Luxembourg	**44.3**	(5.7)	**3.7**	(1.5)	**-0.1**	(0.0)	**8.5**	(3.8)	1.7	(5.0)
	Mexico	**23.6**	(0.9)	**0.7**	(0.1)	0.0	(0.0)	-1.9	(1.0)	-1.0	(0.7)
	Netherlands	**49.7**	(2.9)	**2.6**	(0.5)	**-0.1**	(0.0)	3.0	(2.2)	**-3.4**	(1.5)
	New Zealand	**26.5**	(5.0)	1.1	(0.8)	0.0	(0.0)	4.9	(3.7)	-4.8	(3.4)
	Norway	**32.1**	(5.9)	**-16.6**	(4.4)	**2.0**	(0.7)	**5.8**	(2.6)	1.2	(4.3)
	Poland	**10.5**	(4.7)	1.3	(2.1)	-0.1	(0.2)	**11.0**	(2.7)	-2.1	(3.6)
	Portugal	**18.4**	(2.4)	**4.2**	(0.9)	**-0.1**	(0.0)	**9.8**	(1.9)	3.3	(2.6)
	Slovak Republic	**51.7**	(3.0)	**2.8**	(1.1)	-0.1	(0.1)	**7.2**	(1.8)	**-12.5**	(2.1)
	Spain	**13.8**	(1.8)	0.3	(0.6)	0.0	(0.0)	**9.8**	(1.3)	**4.8**	(1.3)
	Sweden	**20.5**	(7.3)	-4.6	(2.5)	**0.5**	(0.2)	4.0	(3.4)	**8.3**	(3.4)
	Switzerland	**30.9**	(2.4)	**3.5**	(0.3)	**0.0**	(0.0)	**7.4**	(1.7)	**-8.7**	(2.4)
	Turkey	**28.4**	(2.1)	**1.2**	(0.2)	**0.0**	(0.0)	**-7.5**	(1.8)	**-4.6**	(1.3)
	United Kingdom	**29.3**	(3.1)	**2.1**	(0.6)	-0.1	(0.0)	1.5	(1.8)	-0.7	(1.9)
	United States	2.6	(3.4)	**-0.9**	(0.3)	**0.0**	(0.0)	**-5.4**	(2.3)	**-9.4**	(2.7)
Partners	Argentina	**30.0**	(2.5)	**3.7**	(1.0)	-0.1	(0.1)	**-18.0**	(2.6)	**-15.1**	(2.5)
	Azerbaijan	**6.0**	(1.3)	**-0.6**	(0.2)	0.0	(0.0)	**13.0**	(1.3)	**10.8**	(1.7)
	Brazil	**37.1**	(1.7)	**1.5**	(0.2)	**0.0**	(0.0)	**10.3**	(1.7)	**-3.4**	(1.5)
	Bulgaria	**39.8**	(6.9)	-1.8	(1.4)	**0.2**	(0.1)	5.6	(3.7)	-4.4	(3.2)
	Chile	**26.8**	(2.4)	-0.8	(0.6)	0.0	(0.0)	5.0	(3.1)	-0.9	(2.2)
	Colombia	**25.3**	(2.7)	-0.2	(0.3)	0.0	(0.0)	-4.2	(3.5)	**-11.3**	(2.8)
	Croatia	**65.3**	(4.7)	**8.0**	(1.0)	**-0.3**	(0.1)	0.7	(2.3)	**-8.8**	(2.7)
	Estonia	**35.4**	(4.5)	**-3.6**	(1.3)	**0.3**	(0.1)	**20.5**	(2.5)	2.0	(2.4)
	Hong Kong-China	**25.5**	(3.0)	**7.6**	(2.9)	0.0	(0.1)	c	c	c	c
	Indonesia	**30.4**	(1.4)	**1.5**	(0.1)	**0.0**	(0.0)	0.1	(1.4)	-0.6	(1.8)
	Israel	**33.9**	(4.1)	**2.8**	(0.8)	**-0.1**	(0.0)	**12.4**	(2.6)	-2.1	(1.8)
	Jordan	**8.3**	(2.0)	**-2.0**	(0.6)	**0.1**	(0.0)	**-8.1**	(2.5)	0.0	(2.2)
	Kyrgyzstan	**43.7**	(3.1)	**2.6**	(0.6)	**-0.1**	(0.0)	**-12.0**	(2.8)	**12.1**	(2.4)
	Latvia	**19.5**	(4.0)	1.4	(0.8)	-0.1	(0.0)	**9.0**	(2.6)	**6.2**	(1.7)
	Lithuania	**42.2**	(4.0)	**-5.1**	(0.9)	**0.2**	(0.0)	2.9	(2.7)	**-13.7**	(2.3)
	Macao-China	**15.5**	(4.6)	0.9	(0.6)	0.0	(0.0)	8.7	(5.9)	3.9	(4.4)
	Montenegro	**35.4**	(5.0)	-1.3	(2.2)	0.2	(0.1)	-0.4	(4.6)	**-11.6**	(4.4)
	Romania	**30.6**	(3.5)	0.8	(0.5)	**0.0**	(0.0)	-3.1	(2.5)	**4.9**	(1.3)
	Russian Federation	**14.9**	(4.3)	-1.9	(0.9)	**0.1**	(0.0)	**-14.8**	(3.0)	**5.6**	(2.4)
	Serbia	**44.9**	(2.7)	-1.2	(0.8)	**0.1**	(0.0)	**-11.9**	(3.7)	**-9.2**	(1.7)
	Slovenia	**68.4**	(3.2)	**5.5**	(1.2)	-0.2	(0.1)	1.1	(3.3)	**-8.1**	(2.1)
	Chinese Taipei	**40.5**	(2.1)	**0.8**	(0.1)	**0.0**	(0.0)	**-6.1**	(2.1)	**4.8**	(1.4)
	Thailand	**37.9**	(1.8)	0.4	(0.2)	0.0	(0.0)	**-4.4**	(2.3)	-3.3	(2.1)
	Tunisia	**19.1**	(1.6)	**2.9**	(0.9)	-0.1	(0.0)	**3.6**	(1.7)	-3.6	(3.3)
	Uruguay	**38.9**	(2.2)	**3.7**	(0.7)	**-0.1**	(0.0)	**12.2**	(2.7)	-2.5	(2.7)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Significant school factors show effects even after accounting for other school and system-level factors and demographic and socio-economic factors (with statistical significance tested at the 0.5% level [p< 0.005]). See Model 2N in Table 5.19g.

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[Part 3/4]

Table 5.21b Effects of significant school factors[1] and demographic and socio-economic factors on student performance in science, by country

Tableau 5.21b Effets des facteurs scolaires significatifs et des facteurs démographiques et socioéconomiques sur la performance des élèves en sciences, par pays

		School factors							
		School with high academic selectivity of school admittance		School with low academic selectivity of school admittance		School with ability grouping for all subjects within school		School posting achievement data publicly	
		Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.
OECD	Australia	**24.6**	(4.2)	**6.7**	(1.3)	**-10.1**	(3.0)	**4.6**	(1.2)
	Austria	**4.8**	(1.8)	**-30.4**	(3.4)	-2.6	(4.9)	**23.9**	(2.4)
	Belgium	-0.7	(1.6)	**-8.9**	(1.0)	**-8.0**	(1.1)	**-9.9**	(2.0)
	Canada	**8.8**	(1.8)	0.1	(1.0)	-1.5	(1.4)	**6.1**	(1.1)
	Czech Republic	**37.8**	(2.1)	**-7.7**	(2.6)	-4.7	(2.9)	**6.6**	(1.8)
	Denmark	c	c	**4.6**	(1.9)	**-11.6**	(3.4)	**-5.3**	(2.2)
	Finland	c	c	0.0	(3.0)	c	c	4.4	(6.4)
	Germany	**15.9**	(2.1)	**-2.8**	(1.8)	**-10.5**	(3.1)	**5.8**	(1.9)
	Greece	c	c	**7.5**	(2.1)	c	c	**6.8**	(1.7)
	Hungary	**8.9**	(1.7)	**-23.6**	(5.2)	c	c	**8.2**	(2.8)
	Iceland	c	c	-1.2	(3.7)	2.8	(9.3)	-2.7	(4.5)
	Ireland	c	c	**-4.8**	(2.1)	7.0	(4.3)	-2.3	(2.4)
	Italy	1.7	(2.1)	0.3	(0.8)	**-4.4**	(1.0)	**3.7**	(0.8)
	Japan	**11.6**	(1.1)	c	c	**-6.4**	(1.9)	**5.4**	(2.4)
	Korea	**11.3**	(1.9)	**-6.0**	(2.2)	**14.5**	(3.6)	**9.6**	(1.8)
	Luxembourg	3.0	(3.4)	-1.6	(4.7)	0.1	(3.2)	**6.9**	(3.4)
	Mexico	**4.0**	(0.8)	**-4.4**	(0.7)	-1.0	(1.0)	**2.4**	(0.6)
	Netherlands	**7.1**	(1.3)	c	c	**-6.1**	(1.1)	**8.0**	(1.9)
	New Zealand	c	c	3.7	(2.7)	4.3	(6.5)	**5.8**	(2.9)
	Norway	c	c	**7.2**	(3.6)	c	c	1.1	(2.2)
	Poland	**7.3**	(4.1)	**-7.0**	(2.4)	**14.1**	(5.9)	**9.8**	(2.0)
	Portugal	**-21.6**	(4.6)	**8.8**	(2.2)	**-16.8**	(2.5)	2.9	(2.0)
	Slovak Republic	**18.7**	(1.9)	**-21.0**	(2.8)	-3.0	(3.0)	**8.6**	(1.5)
	Spain	c	c	**4.5**	(1.6)	**5.0**	(1.4)	-0.2	(1.8)
	Sweden	c	c	**10.2**	(4.0)	**-13.3**	(4.8)	-0.4	(2.8)
	Switzerland	**15.9**	(1.7)	-3.6	(2.2)	**-10.7**	(1.4)	**6.6**	(2.4)
	Turkey	**35.2**	(1.9)	0.6	(1.5)	2.0	(1.6)	2.5	(1.6)
	United Kingdom	**35.4**	(3.3)	-0.9	(1.9)	**-22.2**	(3.6)	1.1	(2.3)
	United States	3.8	(3.3)	**5.1**	(2.0)	**13.6**	(3.5)	4.1	(2.8)
Partners	Argentina	**-7.7**	(3.6)	**-6.0**	(2.1)	0.8	(1.9)	-3.3	(3.6)
	Azerbaijan	**10.2**	(1.2)	**-10.6**	(1.5)	**7.2**	(1.0)	2.0	(1.5)
	Brazil	-2.0	(2.7)	**-3.8**	(1.6)	**-6.8**	(1.3)	**5.3**	(1.3)
	Bulgaria	**17.2**	(2.6)	-13.3	(7.0)	**6.0**	(2.2)	**14.1**	(1.8)
	Chile	**6.9**	(2.2)	**-7.5**	(2.5)	**9.9**	(2.1)	-0.7	(2.3)
	Colombia	**17.4**	(2.7)	**13.8**	(1.8)	**-9.8**	(2.1)	**4.3**	(2.0)
	Croatia	**10.4**	(2.3)	c	c	**-5.0**	(1.4)	1.8	(1.1)
	Estonia	-0.8	(2.1)	3.9	(4.0)	**4.0**	(2.0)	0.4	(2.0)
	Hong Kong-China	-0.8	(1.2)	c	c	0.8	(2.0)	**6.4**	(1.5)
	Indonesia	1.1	(1.2)	1.5	(1.6)	**-7.9**	(0.9)	**2.8**	(1.3)
	Israel	**19.6**	(3.2)	**-8.7**	(3.1)	**-6.2**	(2.6)	**-7.3**	(2.0)
	Jordan	-0.6	(2.0)	**-7.8**	(2.0)	**-6.8**	(1.5)	**6.9**	(1.7)
	Kyrgyzstan	**-6.7**	(1.5)	3.3	(2.3)	-1.4	(2.2)	**4.5**	(1.5)
	Latvia	**12.7**	(4.6)	-2.6	(2.1)	-3.1	(2.4)	3.9	(2.1)
	Lithuania	**33.2**	(3.4)	-3.5	(2.1)	**-14.6**	(2.9)	-3.6	(2.6)
	Macao-China	**16.9**	(2.4)	c	c	-8.1	(13.6)	**16.7**	(5.5)
	Montenegro	8.1	(4.5)	-8.8	(7.1)	**-9.8**	(3.5)	1.4	(4.0)
	Romania	**8.7**	(1.9)	-1.7	(3.0)	**6.8**	(1.2)	**15.2**	(1.9)
	Russian Federation	-3.7	(4.4)	2.0	(1.9)	-0.5	(1.8)	**5.6**	(2.3)
	Serbia	**22.5**	(2.6)	c	c	2.5	(1.7)	**-7.8**	(2.0)
	Slovenia	5.4	(3.0)	**4.1**	(2.0)	-8.2	(4.1)	1.3	(2.1)
	Chinese Taipei	**17.9**	(1.4)	-0.5	(1.2)	**-12.4**	(2.0)	**2.6**	(1.3)
	Thailand	**-8.7**	(1.7)	**11.6**	(2.5)	**-2.9**	(1.6)	**10.0**	(1.7)
	Tunisia	**5.6**	(1.9)	-4.0	(2.2)	0.7	(1.8)	**-4.6**	(2.1)
	Uruguay	**19.8**	(3.5)	**17.7**	(2.6)	-3.8	(2.8)	6.1	(3.6)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Significant school factors show effects even after accounting for other school and system-level factors and demographic and socio-economic factors (with statistical significance tested at the 0.5% level [p<0.005]). See Model 2N in Table 5.19g.

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[Part 4/4]

Table 5.21b **Effects of significant school factors[1] and demographic and socio-economic factors on student performance in science, by country**

Tableau 5.21b **Effets des facteurs scolaires significatifs et des facteurs démographiques et socioéconomiques sur la performance des élèves en sciences, par pays**

		School factors							
		School average students' learning time for regular lessons in school (hours per week)		School average students' learning time for out-of-school lessons (hours per week)		School average students' learning time for self-study or homework (hours per week)		School average index of school activities to promote the learning of science (1 unit increase)	
		Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.
OECD	Australia	**3.5**	(0.4)	**-12.9**	(1.3)	**6.5**	(0.7)	**4.3**	(0.9)
	Austria	**6.9**	(0.6)	**-17.7**	(2.0)	**-4.1**	(1.0)	**4.2**	(1.2)
	Belgium	**3.2**	(0.4)	**-29.9**	(0.7)	**14.7**	(0.6)	**2.5**	(0.6)
	Canada	**3.7**	(0.4)	**-13.7**	(0.7)	**3.8**	(0.5)	**4.4**	(0.5)
	Czech Republic	**10.9**	(0.7)	**-10.1**	(1.4)	**6.2**	(1.7)	0.1	(0.9)
	Denmark	**2.5**	(0.9)	**-8.4**	(1.7)	**4.9**	(1.5)	**5.1**	(1.4)
	Finland	**2.4**	(1.2)	**-19.5**	(3.9)	**6.7**	(2.4)	**-4.5**	(1.5)
	Germany	**6.4**	(0.6)	**-21.0**	(1.2)	-0.1	(0.9)	**7.5**	(1.1)
	Greece	**14.2**	(1.2)	**4.5**	(0.9)	**-3.9**	(1.5)	**3.9**	(1.9)
	Hungary	**11.0**	(1.2)	**-9.5**	(1.5)	**3.9**	(1.9)	1.0	(1.2)
	Iceland	0.0	(2.2)	**-20.6**	(2.4)	3.9	(2.6)	**-6.5**	(3.0)
	Ireland	**4.2**	(1.0)	**-16.0**	(2.0)	**8.5**	(1.3)	0.5	(1.3)
	Italy	**9.4**	(0.2)	**-25.4**	(0.7)	0.4	(0.3)	-0.5	(0.6)
	Japan	**7.5**	(0.4)	**-22.7**	(1.1)	**11.8**	(0.6)	**3.9**	(0.8)
	Korea	**4.5**	(0.6)	-0.1	(0.5)	**17.5**	(0.8)	0.7	(0.9)
	Luxembourg	**9.4**	(2.1)	**-27.5**	(4.6)	0.2	(3.4)	**-6.3**	(2.0)
	Mexico	**6.2**	(0.3)	**-7.6**	(0.5)	**2.1**	(0.3)	**4.2**	(0.4)
	Netherlands	**9.0**	(0.9)	**-30.5**	(0.8)	**19.2**	(0.9)	**3.4**	(1.0)
	New Zealand	**6.5**	(1.2)	**-15.1**	(2.4)	**8.0**	(1.8)	-0.8	(1.8)
	Norway	**4.1**	(1.0)	m	m	m	m	-2.3	(1.6)
	Poland	**6.3**	(1.1)	**-11.4**	(1.6)	**3.2**	(1.2)	**9.3**	(2.0)
	Portugal	**11.3**	(0.6)	**-8.6**	(1.5)	**1.8**	(1.1)	**2.6**	(1.0)
	Slovak Republic	**3.7**	(0.6)	0.6	(1.0)	**6.0**	(1.1)	0.5	(1.1)
	Spain	**7.7**	(0.4)	**-5.1**	(0.6)	**1.3**	(0.5)	0.0	(0.6)
	Sweden	1.9	(1.8)	**-12.1**	(3.3)	**10.4**	(2.6)	**2.6**	(1.2)
	Switzerland	**4.7**	(0.5)	**-24.8**	(1.1)	**10.2**	(0.9)	**8.3**	(0.9)
	Turkey	**12.1**	(0.6)	0.7	(1.1)	**-4.9**	(1.1)	0.8	(0.8)
	United Kingdom	**2.1**	(0.7)	**-20.2**	(1.2)	**9.1**	(1.0)	**2.5**	(0.8)
	United States	**6.0**	(0.9)	**-17.2**	(1.5)	**12.1**	(1.6)	-2.2	(1.0)
Partners	Argentina	**16.2**	(0.9)	**-9.7**	(2.1)	-0.3	(2.0)	1.0	(1.5)
	Azerbaijan	**6.2**	(0.4)	**1.1**	(0.6)	0.0	(0.6)	**8.2**	(0.3)
	Brazil	**10.0**	(0.5)	**-6.3**	(0.7)	0.1	(0.6)	**4.6**	(1.1)
	Bulgaria	**5.8**	(1.3)	**-16.9**	(2.0)	**6.6**	(1.4)	**8.6**	(1.5)
	Chile	**10.3**	(0.7)	**-4.8**	(2.2)	-2.7	(2.1)	1.0	(0.7)
	Colombia	**7.1**	(0.7)	1.3	(1.4)	-0.5	(1.1)	1.5	(1.2)
	Croatia	**4.1**	(1.1)	**-17.4**	(2.4)	**9.4**	(1.7)	0.3	(0.8)
	Estonia	**7.7**	(0.8)	**-12.4**	(1.6)	-2.3	(1.3)	2.3	(1.5)
	Hong Kong-China	**10.8**	(0.6)	**-9.0**	(0.7)	**10.2**	(0.7)	-1.1	(1.1)
	Indonesia	**6.3**	(0.2)	**-4.0**	(0.6)	0.0	(0.5)	**6.0**	(0.5)
	Israel	**11.6**	(1.2)	**-15.4**	(1.7)	**3.0**	(1.3)	**4.1**	(1.0)
	Jordan	**6.6**	(0.7)	**-2.2**	(0.8)	**2.0**	(0.8)	1.3	(1.0)
	Kyrgyzstan	**6.2**	(0.5)	**-8.1**	(0.7)	**2.1**	(0.6)	**4.3**	(1.1)
	Latvia	**10.3**	(1.0)	**-6.7**	(1.5)	-2.3	(1.8)	3.4	(1.7)
	Lithuania	**7.3**	(1.3)	**-6.5**	(1.5)	**3.7**	(2.1)	**5.2**	(1.7)
	Macao-China	**11.3**	(2.8)	**-14.9**	(2.3)	**5.8**	(2.6)	**11.5**	(2.1)
	Montenegro	**10.8**	(3.3)	**-17.4**	(4.1)	-3.2	(4.6)	-2.6	(1.6)
	Romania	**12.9**	(0.8)	**-7.1**	(1.3)	0.9	(1.3)	**3.3**	(0.7)
	Russian Federation	**11.3**	(0.8)	-1.8	(1.1)	0.0	(0.9)	2.4	(1.8)
	Serbia	**6.7**	(0.8)	**-12.8**	(2.1)	4.3	(2.2)	**3.7**	(0.9)
	Slovenia	**9.2**	(0.8)	**-15.1**	(1.7)	**6.0**	(1.4)	2.3	(1.3)
	Chinese Taipei	**2.2**	(0.4)	**-3.8**	(0.7)	**15.6**	(0.8)	**3.6**	(0.6)
	Thailand	**6.2**	(0.8)	**-8.0**	(1.1)	-0.6	(0.7)	2.4	(1.6)
	Tunisia	**17.0**	(0.5)	**4.2**	(1.4)	**-2.9**	(1.4)	**4.6**	(0.6)
	Uruguay	**6.1**	(0.8)	**-9.1**	(1.3)	**4.8**	(2.1)	-0.3	(1.0)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
1. Significant school factors show effects even after accounting for other school and system-level factors and demographic and socio-economic factors (with statistical significance tested at the 0.5% level [p< 0.005]). See Model 2N in Table 5.19g.

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[Part 1/2]

Table 5.22 School and system characteristics of five OECD countries with above-average student performance in science and below-average impact of socio-economic background on student performance

Tableau 5.22 Caractéristiques scolaires et systémiques de cinq pays de l'OCDE dont la performance des élèves en sciences est supérieure à la moyenne et dont l'impact socioéconomique sur la performance des élèves est inférieur à la moyenne

		Student achievement in science		Impact of socio-economic background on science performance		Admittance, selection and grouping policies							
						Percentage of students in						Number of years between the age of first selection and the age of 15	Number of school types or distinct educational programmes available to 15-year-olds
						Schools with ability grouping for all subjects within school[1]		Schools with high academic selectivity of school admittance[1]		Schools with low academic selectivity of school admittance[1]			
		Mean score	S.E.	Percentage of explained variance in student performance	S.E.	%	S.E.	%	S.E.	%	S.E.	Years	Programmes
OECD	Australia	527	(2.30)	11.3	(0.78)	5	(1.31)	4	(1.16)	25	(2.60)	0.0	1
OECD	Canada	534	(2.00)	8.2	(0.68)	15	(1.69)	9	(1.16)	34	(2.28)	0.0	1
OECD	Finland	563	(2.00)	8.3	(0.87)	2	(1.09)	3	(1.60)	79	(3.49)	0.0	1
OECD	Japan	531	(3.40)	7.4	(0.95)	10	(2.46)	72	(3.03)	1	(0.74)	0.0	2
OECD	Korea	522	(3.40)	8.1	(1.49)	7	(2.52)	46	(4.22)	27	(3.30)	1.0	3
	5 countries average	535	(1.21)	8.7	(0.45)	8	(0.85)	26	(1.14)	33	(1.19)	0.2	1.6
	OECD average	500	(0.54)	14.2	(0.26)	14	(0.41)	19	(0.41)	42	(0.51)	1.4	2.5
	Participating countries average	475	(0.43)	13.6	(0.22)	20	(0.35)	24	(0.34)	33	(0.37)	1.2	2.3

		School management and funding				Parental pressure and choice				Accountability practices			
						Percentage of students in				Percentage of students in			
		Percentage of students in schools being privately managed[1]		Proportion of school funding from government sources[1]		Schools with high level of competition[1]		Schools with high levels of perceived parental pressure[1]		Schools informing parents of children's performance relative to other students in the school[1]		Schools informing parents of children's performance relative to national benchmarks[1]	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	w	w	70	(1.06)	94	(1.14)	90	(1.78)	59	(2.49)	50	(2.63)
OECD	Canada	7	(0.64)	89	(0.65)	77	(2.24)	82	(1.99)	79	(1.54)	61	(2.42)
OECD	Finland	3	(1.22)	100	(0.10)	56	(3.70)	21	(3.45)	15	(3.04)	47	(4.25)
OECD	Japan	31	(1.28)	71	(1.35)	90	(2.21)	89	(2.57)	40	(3.39)	80	(3.31)
OECD	Korea	46	(3.90)	47	(1.69)	84	(2.95)	82	(2.92)	84	(3.14)	78	(3.27)
	5 countries average	22	(1.08)	75	(0.50)	80	(1.16)	73	(1.17)	56	(1.25)	63	(1.45)
	OECD average	17	(0.35)	85	(0.23)	74	(0.51)	68	(0.54)	54	(0.57)	47	(0.55)
	Participating countries average	19	(0.24)	83	(0.20)	75	(0.39)	67	(0.42)	62	(0.40)	46	(0.41)

		Accountability practices											
		Percentage of students in											
		Schools informing parents of students' performance relative to other schools[1]		Schools posting achievement data publicly[1]		Schools using achievement data for evaluating principals[1]		Schools using achievement data for evaluating teachers[1]		Schools using achievement data for allocating resources to schools[1]		School with achievement data tracked over time[1]	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	20	(2.15)	60	(2.55)	48	(3.07)	43	(3.00)	58	(2.96)	88	(2.09)
OECD	Canada	34	(2.56)	64	(2.74)	22	(2.31)	19	(1.99)	57	(2.50)	91	(1.14)
OECD	Finland	16	(3.01)	4	(1.44)	3	(1.32)	14	(2.89)	7	(2.14)	54	(4.13)
OECD	Japan	0	(0.00)	11	(2.68)	10	(2.34)	26	(3.68)	6	(1.86)	16	(2.53)
OECD	Korea	42	(4.09)	17	(3.26)	23	(3.15)	34	(3.65)	30	(4.06)	52	(4.06)
	5 countries average	22	(1.22)	31	(1.16)	21	(1.13)	27	(1.39)	32	(1.26)	60	(1.35)
	OECD average	26	(0.52)	38	(0.53)	31	(0.53)	43	(0.55)	30	(0.54)	65	(0.56)
	Participating countries average	29	(0.41)	38	(0.42)	38	(0.41)	56	(0.39)	37	(0.41)	68	(0.42)

Note: OECD average does not include France. Participating countries average does not include France and Qatar.
1. Results based on reports from school principals.

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[Part 2/2]

Table 5.22 School and system characteristics of five OECD countries with above-average student performance in science and below-average impact of socio-economic background on student performance

Tableau 5.22 Caractéristiques scolaires et systémiques de cinq pays de l'OCDE dont la performance des élèves en sciences est supérieure à la moyenne et dont l'impact socioéconomique sur la performance des élèves est inférieur à la moyenne

		Accountability practices	School autonomy						School resources			
		Standards-based external examinations	School autonomy index in staffing[1]		School autonomy index in budgeting[1]		School autonomy index in educational content[1]		School average number of students per teacher[1]		School-level index of teacher shortage[1]	
		Ratio	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.
OECD	Australia	0.81	-0.23	(0.03)	0.52	(0.03)	0.46	(0.03)	13.4	(0.14)	0.33	(0.05)
	Canada	0.51	-0.28	(0.03)	-0.12	(0.04)	-0.29	(0.03)	16.7	(0.13)	0.17	(0.05)
	Finland	1.00	-0.62	(0.05)	0.02	(0.06)	0.42	(0.05)	11.3	(0.16)	-0.28	(0.05)
	Japan	1.00	-0.29	(0.04)	-0.12	(0.05)	0.91	(0.04)	12.8	(0.30)	-0.51	(0.05)
	Korea	1.00	-0.54	(0.07)	0.37	(0.06)	0.91	(0.03)	16.3	(0.16)	-0.51	(0.07)
	5 countries average	0.86	-0.39	(0.02)	0.14	(0.02)	0.48	(0.02)	14.1	(0.08)	-0.16	(0.02)
	OECD average	0.59	-0.02	(0.01)	0.19	(0.01)	0.15	(0.01)	13.4	(0.05)	0.01	(0.01)
	Participating countries average	0.56	0.00	(0.01)	0.00	(0.01)	0.00	(0.01)	14.7	(0.05)	0.05	(0.01)

		School resources											
		School average number of computers for instruction per student[1]		School-level index of quality of school educational resources[1]		School average students' learning time for regular lessons in school		School average students' learning time for out-of-school lessons		School average students' learning time for self-study or homework		School providing opportunity of learning science		School average index of school activities to promote students' learning of science[1]	
		Mean	S.E.	Mean	S.E.	Hours per week	S.E.	Hours per week	S.E.	Hours per week	S.E.	%	S.E.	Mean	S.E.
OECD	Australia	0.26	(0.01)	0.40	(0.05)	11.4	(0.07)	1.76	(0.04)	4.67	(0.06)	81	(0.59)	0.41	(0.04)
	Canada	0.19	(0.01)	0.09	(0.06)	12.9	(0.11)	2.35	(0.05)	5.27	(0.07)	94	(0.30)	0.42	(0.04)
	Finland	0.15	(0.01)	-0.23	(0.06)	9.7	(0.11)	1.06	(0.04)	3.41	(0.05)	98	(0.37)	-0.60	(0.06)
	Japan	0.20	(0.02)	0.45	(0.07)	10.7	(0.13)	1.40	(0.05)	3.11	(0.10)	92	(1.09)	-1.16	(0.07)
	Korea	0.18	(0.01)	-0.19	(0.06)	12.7	(0.11)	4.75	(0.08)	4.94	(0.12)	91	(1.04)	0.54	(0.07)
	5 countries average	0.20	(0.00)	0.10	(0.03)	11.5	(0.05)	2.26	(0.02)	4.28	(0.04)	91	(0.34)	-0.08	(0.03)
	OECD average	0.15	(0.00)	0.00	(0.01)	10.6	(0.02)	2.42	(0.01)	4.92	(0.01)	85	(0.17)	0.00	(0.01)
	Participating countries average	0.12	(0.00)	-0.28	(0.01)	10.2	(0.01)	2.77	(0.01)	5.27	(0.01)	82	(0.12)	0.23	(0.01)

Note: OECD average does not include France. Participating countries average does not include France and Qatar.
1. Results based on reports from school principals.
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[Part 1/1]

Table 6.1a Percentage of students at each proficiency level on the reading scale

Tableau 6.1a Pourcentage d'élèves à chaque niveau de compétence sur l'échelle de compréhension de l'écrit

		Proficiency levels											
		Below Level 1 (below 334.75 score points)		Level 1 (from 334.75 to 407.47 score points)		Level 2 (from 407.47 to 480.18 score points)		Level 3 (from 480.18 to 552.89 score points)		Level 4 (from 552.89 to 625.61 score points)		Level 5 (above 625.61 score points)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	3.8	(0.3)	9.6	(0.5)	21.0	(0.7)	30.1	(0.6)	24.9	(0.7)	10.6	(0.6)
	Austria	8.4	(1.1)	13.1	(0.8)	22.0	(1.2)	26.2	(1.0)	21.3	(1.0)	9.0	(0.7)
	Belgium	8.6	(0.9)	10.8	(0.6)	18.9	(0.7)	26.0	(0.8)	24.4	(0.9)	11.3	(0.6)
	Canada	3.4	(0.4)	7.6	(0.4)	18.0	(0.8)	29.4	(1.0)	27.2	(0.8)	14.5	(0.7)
	Czech Republic	9.9	(1.1)	14.9	(0.9)	22.3	(1.0)	24.5	(0.9)	19.3	(1.0)	9.2	(0.8)
	Denmark	4.5	(0.6)	11.5	(0.7)	25.7	(0.9)	31.8	(1.0)	20.7	(0.9)	5.9	(0.6)
	Finland	0.8	(0.2)	4.0	(0.4)	15.5	(0.8)	31.2	(0.8)	31.8	(0.9)	16.7	(0.8)
	France	8.5	(1.0)	13.3	(1.0)	21.3	(1.0)	27.9	(1.3)	21.8	(1.2)	7.3	(0.7)
	Germany	8.3	(0.9)	11.8	(0.8)	20.3	(1.0)	27.3	(0.9)	22.5	(1.1)	9.9	(0.7)
	Greece	11.9	(1.2)	15.8	(0.8)	26.6	(1.2)	27.9	(1.1)	14.3	(0.9)	3.5	(0.4)
	Hungary	6.6	(0.8)	14.0	(0.9)	25.3	(1.1)	30.6	(1.1)	18.8	(1.0)	4.7	(0.6)
	Iceland	7.1	(0.5)	13.4	(0.7)	25.1	(1.0)	29.6	(0.8)	18.9	(1.0)	6.0	(0.5)
	Ireland	3.2	(0.6)	9.0	(0.8)	20.9	(0.9)	30.2	(0.8)	25.1	(1.0)	11.7	(0.8)
	Italy	11.4	(0.7)	15.0	(0.6)	24.5	(0.8)	26.4	(0.7)	17.5	(0.6)	5.2	(0.4)
	Japan	6.7	(0.7)	11.7	(1.0)	22.0	(0.9)	28.7	(1.0)	21.5	(0.9)	9.4	(0.7)
	Korea	1.4	(0.3)	4.3	(0.7)	12.5	(0.8)	27.2	(1.1)	32.7	(1.3)	21.7	(1.4)
	Luxembourg	8.6	(0.4)	14.2	(0.6)	24.6	(0.7)	27.9	(0.7)	19.0	(0.7)	5.6	(0.4)
	Mexico	21.0	(1.3)	26.0	(1.0)	28.9	(1.0)	18.2	(0.8)	5.3	(0.4)	0.6	(0.1)
	Netherlands	5.2	(0.7)	9.9	(0.9)	21.3	(0.9)	28.9	(1.0)	25.6	(1.0)	9.1	(0.6)
	New Zealand	4.7	(0.5)	9.9	(0.7)	18.7	(0.8)	26.4	(0.8)	24.5	(0.8)	15.9	(0.8)
	Norway	8.4	(0.7)	14.0	(0.7)	23.3	(0.8)	27.6	(0.9)	19.0	(0.8)	7.7	(0.6)
	Poland	5.0	(0.5)	11.2	(0.7)	21.5	(0.9)	27.5	(0.9)	23.1	(0.8)	11.6	(0.8)
	Portugal	9.3	(1.0)	15.6	(1.0)	25.5	(1.0)	28.2	(1.1)	16.8	(0.9)	4.6	(0.5)
	Slovak Republic	11.2	(0.9)	16.6	(0.9)	25.1	(1.0)	25.9	(1.2)	15.8	(0.8)	5.4	(0.5)
	Spain	8.7	(0.6)	17.0	(0.6)	30.2	(0.7)	29.7	(0.7)	12.6	(0.6)	1.8	(0.2)
	Sweden	5.0	(0.7)	10.3	(0.9)	21.9	(0.9)	28.9	(1.1)	23.3	(1.3)	10.6	(0.8)
	Switzerland	5.3	(0.6)	11.1	(0.6)	22.9	(1.0)	30.4	(0.9)	22.6	(0.9)	7.7	(0.7)
	Turkey	10.8	(1.0)	21.4	(1.4)	31.0	(1.3)	24.5	(1.2)	10.3	(1.1)	2.1	(0.6)
	United Kingdom	6.8	(0.5)	12.2	(0.6)	22.7	(0.7)	28.7	(0.7)	20.5	(0.7)	9.0	(0.6)
	United States	m	m	m	m	m	m	m	m	m	m	m	m
	OECD total	8.9	(0.2)	14.2	(0.2)	23.1	(0.2)	26.6	(0.2)	19.2	(0.3)	8.1	(0.2)
	OECD average	7.4	(0.1)	12.7	(0.1)	22.7	(0.2)	27.8	(0.2)	20.7	(0.2)	8.6	(0.1)
Partners	Argentina	35.8	(2.4)	22.1	(1.6)	21.8	(1.3)	14.3	(1.3)	5.1	(0.7)	0.9	(0.2)
	Azerbaijan	41.2	(2.0)	38.3	(1.5)	16.5	(1.0)	3.4	(0.5)	0.6	(0.2)	0.1	(0.1)
	Brazil	27.8	(1.2)	27.7	(0.9)	25.3	(1.1)	13.4	(0.8)	4.7	(0.5)	1.1	(0.3)
	Bulgaria	28.8	(2.2)	22.3	(1.3)	22.4	(1.3)	16.4	(1.3)	8.1	(1.1)	2.1	(0.5)
	Chile	14.8	(1.2)	21.5	(1.3)	28.0	(1.1)	21.1	(1.1)	11.0	(0.9)	3.5	(0.6)
	Colombia	30.4	(2.0)	25.3	(1.2)	25.2	(1.3)	14.5	(1.2)	4.0	(0.6)	0.6	(0.2)
	Croatia	6.2	(0.8)	15.3	(0.9)	27.6	(1.0)	30.6	(1.1)	16.5	(0.9)	3.7	(0.4)
	Estonia	3.4	(0.6)	10.3	(0.7)	24.5	(0.8)	33.9	(1.0)	21.9	(1.0)	6.0	(0.6)
	Hong Kong-China	1.3	(0.3)	5.9	(0.6)	16.5	(0.8)	31.5	(1.1)	32.0	(0.9)	12.8	(0.8)
	Indonesia	21.8	(2.1)	36.5	(2.1)	29.1	(1.6)	11.1	(2.1)	1.5	(0.4)	0.1	(0.0)
	Israel	20.3	(1.4)	18.6	(0.8)	22.5	(1.0)	21.0	(0.8)	12.7	(0.8)	5.0	(0.5)
	Jordan	22.7	(1.1)	26.9	(1.1)	30.6	(1.2)	16.4	(1.1)	3.2	(0.5)	0.2	(0.1)
	Kyrgyzstan	70.5	(1.3)	17.8	(0.8)	8.1	(0.6)	3.0	(0.4)	0.6	(0.2)	0.1	(0.1)
	Latvia	6.0	(0.7)	15.2	(1.1)	27.6	(1.2)	29.9	(1.4)	16.7	(1.2)	4.5	(0.5)
	Liechtenstein	4.9	(1.2)	9.4	(2.0)	20.0	(2.4)	31.3	(2.6)	24.6	(2.8)	9.8	(1.8)
	Lithuania	8.7	(0.6)	17.0	(0.9)	26.9	(1.1)	27.4	(1.0)	15.6	(1.0)	4.4	(0.5)
	Macao-China	2.9	(0.3)	10.1	(0.6)	28.9	(0.9)	36.6	(1.2)	18.5	(0.8)	3.0	(0.3)
	Montenegro	26.3	(0.7)	30.0	(0.8)	27.2	(0.9)	13.1	(0.9)	2.9	(0.3)	0.4	(0.2)
	Qatar	61.1	(0.7)	20.4	(0.6)	11.2	(0.4)	4.9	(0.3)	1.7	(0.2)	0.6	(0.1)
	Romania	25.6	(2.2)	27.9	(1.3)	27.9	(1.5)	15.1	(1.4)	3.2	(0.6)	0.3	(0.1)
	Russian Federation	13.6	(1.4)	21.7	(1.0)	30.0	(0.9)	24.0	(1.3)	9.0	(0.7)	1.7	(0.3)
	Serbia	23.6	(1.4)	28.1	(1.0)	28.1	(1.1)	16.0	(0.9)	3.9	(0.4)	0.3	(0.1)
	Slovenia	4.4	(0.4)	12.1	(0.6)	24.7	(0.8)	31.6	(1.0)	21.9	(0.8)	5.3	(0.5)
	Chinese Taipei	3.8	(0.6)	11.5	(0.9)	24.4	(0.9)	34.0	(1.1)	21.6	(1.0)	4.7	(0.6)
	Thailand	15.6	(1.1)	29.0	(1.2)	33.4	(1.1)	17.4	(0.9)	4.2	(0.4)	0.3	(0.1)
	Tunisia	31.5	(1.5)	27.5	(1.1)	25.6	(1.2)	12.6	(1.0)	2.6	(0.6)	0.2	(0.1)
	Uruguay	25.3	(1.2)	21.3	(0.8)	23.4	(1.0)	18.0	(0.8)	8.9	(0.6)	3.1	(0.4)

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[Part 1/2]

Table 6.1b Percentage of students at each proficiency level on the reading scale, by gender

Tableau 6.1b Pourcentage d'élèves à chaque niveau de compétence sur l'échelle de compréhension de l'écrit, selon le sexe

		Males – Proficiency levels											
		Below Level 1 (below 334.75 score points)		Level 1 (from 334.75 to 407.47 score points)		Level 2 (from 407.47 to 480.18 score points)		Level 3 (from 480.18 to 552.89 score points)		Level 4 (from 552.89 to 625.61 score points)		Level 5 (above 625.61 score points)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	5.7	(0.5)	12.7	(0.6)	23.6	(0.7)	29.1	(0.7)	21.0	(0.8)	7.9	(0.8)
	Austria	11.5	(1.5)	15.9	(1.1)	24.2	(1.4)	25.2	(1.2)	17.5	(1.2)	5.7	(0.6)
	Belgium	11.6	(1.2)	13.3	(0.8)	20.5	(1.0)	25.1	(1.0)	20.8	(0.9)	8.7	(0.6)
	Canada	4.7	(0.6)	9.8	(0.6)	20.6	(1.0)	29.3	(1.4)	24.3	(0.9)	11.3	(0.8)
	Czech Republic	12.9	(1.4)	17.9	(1.3)	24.0	(1.2)	23.0	(1.2)	15.9	(1.4)	6.3	(0.7)
	Denmark	6.3	(0.8)	14.4	(1.2)	27.5	(1.4)	30.3	(1.4)	17.3	(1.0)	4.1	(0.7)
	Finland	1.5	(0.3)	6.6	(0.7)	21.7	(1.1)	34.5	(1.2)	26.0	(1.3)	9.6	(0.8)
	France	11.7	(1.5)	15.6	(1.2)	22.7	(1.4)	26.2	(1.7)	18.3	(1.6)	5.5	(0.8)
	Germany	11.0	(1.3)	14.5	(1.3)	22.3	(1.3)	26.3	(1.2)	18.9	(1.4)	7.0	(0.8)
	Greece	18.9	(2.0)	19.7	(1.1)	26.2	(1.5)	22.8	(1.4)	10.1	(0.9)	2.3	(0.4)
	Hungary	9.3	(1.2)	18.0	(1.2)	27.0	(1.3)	27.4	(1.4)	15.2	(1.1)	3.1	(0.5)
	Iceland	11.1	(0.8)	17.2	(1.1)	27.3	(1.5)	26.6	(1.2)	14.3	(1.0)	3.6	(0.6)
	Ireland	4.7	(0.9)	11.9	(1.3)	23.1	(1.4)	30.1	(1.4)	21.4	(1.2)	8.7	(1.0)
	Italy	15.9	(1.0)	17.1	(0.8)	25.6	(0.9)	23.8	(0.8)	13.9	(0.7)	3.7	(0.4)
	Japan	9.3	(1.1)	14.2	(1.1)	22.8	(1.1)	27.0	(1.4)	18.6	(1.2)	8.1	(1.0)
	Korea	2.4	(0.6)	5.8	(0.9)	15.4	(1.0)	29.4	(1.4)	30.7	(1.6)	16.3	(1.3)
	Luxembourg	11.5	(0.6)	16.7	(0.9)	25.5	(1.1)	26.2	(1.1)	15.9	(0.7)	4.2	(0.5)
	Mexico	26.7	(1.7)	27.5	(1.3)	27.3	(1.1)	14.4	(0.8)	3.8	(0.4)	0.3	(0.2)
	Netherlands	6.8	(1.0)	11.7	(1.4)	21.8	(1.2)	29.7	(1.4)	22.9	(1.4)	7.2	(0.8)
	New Zealand	7.0	(0.8)	12.6	(1.1)	20.6	(1.3)	25.9	(1.3)	21.5	(1.2)	12.4	(0.9)
	Norway	12.2	(1.1)	17.2	(0.9)	25.0	(1.0)	24.6	(1.3)	15.9	(1.0)	5.2	(0.7)
	Poland	7.8	(0.9)	14.6	(1.1)	23.6	(1.3)	25.8	(1.2)	19.6	(1.0)	8.7	(0.8)
	Portugal	12.3	(1.4)	18.4	(1.5)	27.1	(1.6)	25.5	(1.3)	13.2	(1.0)	3.5	(0.6)
	Slovak Republic	15.6	(1.4)	19.4	(1.3)	25.4	(1.2)	23.3	(1.4)	12.7	(0.9)	3.6	(0.5)
	Spain	12.5	(1.0)	19.8	(0.8)	31.1	(1.0)	26.0	(1.0)	9.5	(0.8)	1.1	(0.3)
	Sweden	7.3	(1.1)	13.4	(1.2)	24.3	(1.3)	28.0	(1.6)	20.1	(1.4)	7.0	(0.8)
	Switzerland	7.1	(0.8)	13.3	(0.8)	24.7	(1.3)	30.3	(1.0)	19.5	(1.0)	5.1	(0.6)
	Turkey	15.5	(1.4)	25.5	(1.6)	29.8	(1.6)	20.1	(1.7)	7.7	(1.2)	1.4	(0.5)
	United Kingdom	9.6	(0.9)	14.4	(0.9)	23.1	(0.9)	27.1	(1.4)	18.2	(1.1)	7.5	(0.6)
	United States	m	m	m	m	m	m	m	m	m	m	m	m
	OECD total	12.1	(0.4)	16.6	(0.3)	24.1	(0.3)	24.8	(0.4)	16.3	(0.3)	6.1	(0.2)
	OECD average	10.4	(0.2)	15.5	(0.2)	24.3	(0.2)	26.3	(0.2)	17.4	(0.2)	6.2	(0.1)
Partners	Argentina	44.4	(2.7)	22.5	(2.0)	19.2	(1.9)	10.2	(1.4)	3.1	(0.9)	0.6	(0.3)
	Azerbaijan	47.1	(2.1)	36.3	(1.9)	12.9	(1.3)	3.0	(0.6)	0.6	(0.2)	0.2	(0.1)
	Brazil	34.4	(1.6)	27.6	(1.3)	22.7	(1.2)	10.6	(0.9)	3.8	(0.6)	0.9	(0.3)
	Bulgaria	38.3	(2.7)	22.6	(1.5)	19.6	(1.8)	12.4	(1.4)	5.8	(1.1)	1.3	(0.4)
	Chile	17.2	(1.4)	22.7	(1.4)	26.9	(1.2)	19.5	(1.3)	10.4	(1.3)	3.4	(0.8)
	Colombia	33.6	(2.4)	24.7	(1.8)	24.9	(1.6)	13.3	(1.3)	3.2	(0.6)	0.4	(0.2)
	Croatia	10.0	(1.2)	20.5	(1.3)	30.1	(1.3)	26.6	(1.6)	11.0	(0.9)	1.9	(0.4)
	Estonia	5.5	(1.0)	14.4	(1.1)	27.7	(1.0)	32.9	(1.2)	16.4	(1.0)	3.0	(0.4)
	Hong Kong-China	2.1	(0.5)	8.0	(1.0)	19.7	(1.2)	32.8	(1.5)	28.6	(1.5)	8.8	(1.1)
	Indonesia	26.6	(3.1)	35.9	(2.8)	25.7	(2.4)	10.6	(3.2)	1.1	(0.4)	0.0	a
	Israel	27.4	(2.0)	19.4	(1.2)	20.6	(1.4)	17.7	(1.0)	10.4	(1.0)	4.6	(0.7)
	Jordan	33.4	(2.1)	28.0	(1.5)	24.9	(1.6)	11.6	(1.6)	2.0	(0.6)	0.1	(0.1)
	Kyrgyzstan	78.5	(1.4)	13.1	(1.0)	5.9	(0.7)	2.0	(0.5)	0.4	(0.3)	0.1	a
	Latvia	9.4	(1.1)	20.7	(1.6)	30.4	(1.5)	26.5	(1.9)	10.5	(1.3)	2.5	(0.5)
	Liechtenstein	6.4	(2.0)	11.6	(2.8)	25.6	(4.1)	33.7	(4.3)	18.1	(3.9)	4.6	(2.1)
	Lithuania	12.9	(0.9)	21.6	(1.3)	29.0	(1.3)	24.0	(1.4)	10.3	(1.1)	2.3	(0.4)
	Macao-China	4.5	(0.6)	13.2	(0.9)	30.4	(1.5)	34.1	(1.9)	15.3	(1.2)	2.4	(0.4)
	Montenegro	34.9	(1.0)	30.9	(1.3)	22.9	(1.3)	9.5	(1.0)	1.6	(0.5)	0.2	(0.1)
	Qatar	74.4	(1.0)	13.4	(0.9)	6.6	(0.6)	3.5	(0.6)	1.6	(0.3)	0.5	(0.2)
	Romania	34.0	(2.2)	29.5	(1.7)	24.0	(1.7)	10.4	(1.2)	1.9	(0.4)	0.1	(0.1)
	Russian Federation	18.9	(1.7)	24.6	(1.2)	29.3	(1.5)	19.4	(1.8)	6.7	(0.8)	1.1	(0.3)
	Serbia	30.8	(1.7)	30.5	(1.2)	24.5	(1.4)	11.8	(1.0)	2.3	(0.4)	0.2	(0.1)
	Slovenia	7.4	(0.7)	17.8	(1.0)	28.6	(1.1)	28.3	(1.3)	15.0	(0.9)	2.7	(0.5)
	Chinese Taipei	5.2	(0.8)	13.2	(1.1)	25.4	(1.2)	33.3	(1.3)	19.3	(1.2)	3.5	(0.6)
	Thailand	27.1	(2.1)	33.9	(1.8)	25.6	(1.4)	11.2	(0.9)	2.1	(0.5)	0.1	(0.1)
	Tunisia	39.6	(1.9)	27.1	(1.7)	22.0	(1.6)	9.1	(1.0)	2.1	(0.6)	0.1	(0.1)
	Uruguay	32.2	(1.8)	22.5	(1.3)	21.8	(1.3)	14.5	(1.0)	6.5	(0.7)	2.4	(0.5)

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[Part 2/2]

Table 6.1b Percentage of students at each proficiency level on the reading scale, by gender

Tableau 6.1b Pourcentage d'élèves à chaque niveau de compétence sur l'échelle de compréhension de l'écrit, selon le sexe

		Females – Proficiency levels											
		Below Level 1 (below 334.75 score points)		Level 1 (from 334.75 to 407.47 score points)		Level 2 (from 407.47 to 480.18 score points)		Level 3 (from 480.18 to 552.89 score points)		Level 4 (from 552.89 to 625.61 score points)		Level 5 (above 625.61 score points)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	1.8	(0.3)	6.4	(0.5)	18.3	(0.9)	31.1	(0.9)	28.9	(0.8)	13.4	(0.8)
	Austria	5.2	(1.5)	10.2	(1.0)	19.7	(1.6)	27.1	(1.4)	25.3	(1.4)	12.4	(1.2)
	Belgium	5.2	(0.8)	8.1	(0.8)	17.1	(1.0)	27.0	(1.2)	28.4	(1.5)	14.1	(1.0)
	Canada	2.0	(0.3)	5.4	(0.5)	15.3	(0.8)	29.5	(0.9)	30.0	(1.1)	17.7	(1.0)
	Czech Republic	5.9	(1.2)	11.0	(1.1)	20.0	(1.4)	26.5	(1.6)	23.8	(1.3)	12.9	(1.3)
	Denmark	2.8	(0.6)	8.6	(1.1)	23.9	(1.3)	33.2	(1.2)	23.9	(1.3)	7.6	(0.8)
	Finland	0.1	(0.1)	1.5	(0.4)	9.4	(0.8)	27.9	(1.2)	37.4	(1.1)	23.7	(1.3)
	France	5.4	(0.9)	11.1	(1.2)	20.1	(1.2)	29.4	(1.5)	25.1	(1.4)	8.9	(0.9)
	Germany	5.3	(0.9)	8.9	(0.9)	18.2	(1.2)	28.3	(1.2)	26.4	(1.3)	12.9	(1.0)
	Greece	4.9	(0.7)	11.8	(1.1)	27.0	(1.6)	33.1	(1.5)	18.5	(1.3)	4.7	(0.7)
	Hungary	3.6	(0.6)	9.6	(1.1)	23.5	(1.5)	34.0	(1.4)	22.8	(1.4)	6.5	(0.8)
	Iceland	3.0	(0.5)	9.5	(1.2)	23.0	(1.5)	32.6	(1.2)	23.5	(1.5)	8.3	(0.8)
	Ireland	1.6	(0.5)	6.1	(0.7)	18.7	(1.3)	30.3	(1.1)	28.6	(1.6)	14.6	(1.1)
	Italy	7.0	(0.6)	12.9	(0.8)	23.5	(1.1)	28.9	(0.9)	21.0	(0.9)	6.7	(0.6)
	Japan	4.1	(0.9)	9.2	(1.3)	21.2	(1.3)	30.4	(1.3)	24.5	(1.4)	10.7	(1.2)
	Korea	0.4	(0.2)	2.8	(0.6)	9.5	(1.1)	25.0	(1.4)	34.9	(1.8)	27.3	(2.0)
	Luxembourg	5.7	(0.6)	11.7	(0.9)	23.8	(1.0)	29.7	(1.0)	22.1	(1.2)	7.1	(0.7)
	Mexico	15.7	(1.1)	24.7	(1.1)	30.4	(1.3)	21.8	(1.1)	6.7	(0.6)	0.8	(0.2)
	Netherlands	3.6	(0.7)	8.0	(1.0)	20.7	(1.2)	28.0	(1.2)	28.5	(1.2)	11.1	(0.8)
	New Zealand	2.5	(0.5)	7.3	(0.8)	16.9	(1.1)	26.9	(1.1)	27.3	(1.2)	19.1	(1.2)
	Norway	4.4	(0.7)	10.5	(1.0)	21.5	(1.1)	30.8	(1.1)	22.5	(1.2)	10.4	(1.0)
	Poland	2.3	(0.4)	7.9	(0.7)	19.4	(1.1)	29.3	(1.3)	26.6	(1.0)	14.5	(1.1)
	Portugal	6.5	(0.9)	13.1	(1.2)	23.9	(1.2)	30.7	(1.4)	20.1	(1.1)	5.7	(0.7)
	Slovak Republic	6.5	(1.0)	13.6	(1.2)	24.9	(1.3)	28.7	(1.7)	19.0	(1.2)	7.3	(0.8)
	Spain	4.8	(0.6)	14.1	(0.8)	29.2	(0.9)	33.6	(0.9)	15.9	(0.8)	2.4	(0.4)
	Sweden	2.5	(0.5)	7.1	(0.9)	19.4	(1.4)	29.7	(1.3)	26.7	(1.5)	14.5	(1.1)
	Switzerland	3.5	(0.6)	8.7	(0.9)	21.0	(1.1)	30.5	(1.2)	25.8	(1.2)	10.4	(1.0)
	Turkey	5.1	(0.8)	16.4	(1.8)	32.5	(2.1)	29.6	(1.8)	13.4	(1.2)	2.9	(0.8)
	United Kingdom	4.0	(0.5)	10.1	(0.7)	22.3	(0.9)	30.3	(1.0)	22.8	(0.9)	10.6	(0.8)
	United States	m	m	m	m	m	m	m	m	m	m	m	m
	OECD total	5.6	(0.2)	11.6	(0.3)	22.1	(0.3)	28.4	(0.3)	22.2	(0.4)	10.0	(0.3)
	OECD average	4.3	(0.1)	9.9	(0.2)	21.2	(0.2)	29.5	(0.2)	24.2	(0.2)	11.0	(0.2)
Partners	Argentina	28.1	(2.5)	21.7	(1.7)	24.1	(1.5)	17.9	(1.6)	6.9	(1.1)	1.3	(0.4)
	Azerbaijan	34.7	(2.3)	40.4	(1.8)	20.3	(1.4)	3.9	(0.6)	0.6	(0.2)	0.0	a
	Brazil	22.2	(1.3)	27.7	(1.4)	27.4	(1.6)	15.8	(1.1)	5.5	(0.6)	1.3	(0.4)
	Bulgaria	18.6	(2.1)	21.8	(1.8)	25.4	(1.3)	20.6	(1.6)	10.6	(1.4)	2.9	(0.7)
	Chile	12.0	(1.3)	20.0	(1.6)	29.4	(1.9)	23.0	(1.5)	11.8	(1.3)	3.7	(0.7)
	Colombia	27.8	(2.0)	25.7	(1.4)	25.4	(1.5)	15.5	(1.6)	4.8	(0.9)	0.8	(0.4)
	Croatia	2.4	(0.5)	10.2	(1.2)	25.0	(1.5)	34.7	(1.3)	22.1	(1.4)	5.6	(0.8)
	Estonia	1.1	(0.3)	5.9	(0.8)	21.1	(1.2)	35.0	(1.5)	27.8	(1.4)	9.2	(1.1)
	Hong Kong-China	0.5	(0.2)	3.8	(0.5)	13.5	(1.2)	30.2	(1.9)	35.2	(1.6)	16.8	(1.4)
	Indonesia	16.6	(1.6)	37.2	(1.8)	32.6	(1.7)	11.6	(1.5)	2.0	(0.5)	0.1	a
	Israel	13.3	(1.3)	17.9	(1.0)	24.4	(1.4)	24.1	(1.1)	14.9	(1.0)	5.4	(0.7)
	Jordan	12.2	(1.1)	25.7	(1.5)	36.2	(1.3)	21.2	(1.4)	4.5	(0.7)	0.3	(0.1)
	Kyrgyzstan	63.5	(1.5)	21.8	(1.1)	10.0	(0.8)	3.8	(0.6)	0.7	(0.2)	0.1	(0.1)
	Latvia	2.7	(0.6)	10.1	(1.0)	25.0	(1.5)	33.1	(1.6)	22.6	(1.4)	6.5	(0.8)
	Liechtenstein	3.6	(1.6)	7.5	(2.8)	15.1	(2.8)	29.1	(3.5)	30.3	(4.5)	14.4	(3.3)
	Lithuania	4.4	(0.7)	12.2	(1.0)	24.8	(1.4)	31.1	(1.2)	21.0	(1.2)	6.5	(0.8)
	Macao-China	1.3	(0.3)	6.8	(0.7)	27.4	(1.1)	39.1	(1.3)	21.8	(1.0)	3.7	(0.5)
	Montenegro	17.1	(1.0)	29.2	(1.5)	31.7	(1.2)	17.0	(1.3)	4.4	(0.5)	0.7	(0.3)
	Qatar	47.6	(0.9)	27.6	(0.9)	15.8	(0.8)	6.4	(0.5)	1.9	(0.3)	0.6	(0.1)
	Romania	17.2	(2.4)	26.3	(1.9)	31.8	(1.9)	19.7	(1.8)	4.5	(1.0)	0.5	(0.2)
	Russian Federation	8.7	(1.3)	19.0	(1.3)	30.7	(1.1)	28.2	(1.3)	11.2	(1.0)	2.3	(0.4)
	Serbia	16.1	(1.6)	25.7	(1.6)	31.8	(1.4)	20.4	(1.3)	5.5	(0.8)	0.4	(0.2)
	Slovenia	1.5	(0.3)	6.4	(0.6)	20.8	(0.9)	34.8	(1.4)	28.8	(1.3)	7.8	(0.9)
	Chinese Taipei	2.2	(0.5)	9.7	(1.3)	23.2	(1.4)	34.7	(1.4)	24.1	(1.4)	6.1	(1.0)
	Thailand	7.1	(0.8)	25.4	(1.5)	39.3	(1.7)	22.0	(1.3)	5.8	(0.6)	0.4	(0.2)
	Tunisia	24.1	(1.5)	27.9	(1.3)	28.8	(1.5)	15.8	(1.2)	3.2	(0.7)	0.2	(0.1)
	Uruguay	18.7	(1.2)	20.2	(1.2)	24.9	(1.4)	21.4	(1.3)	11.1	(0.9)	3.7	(0.5)

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[Part 1/2]

Table 6.1c Mean score, variation and gender differences in student performance on the reading scale

Tableau 6.1c Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle de compréhension de l'écrit

		All students				Gender differences					
		Mean score		Standard deviation		Males		Females		Difference (M - F)	
		Mean	S.E.	S.D.	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.
OECD	Australia	513	(2.1)	94	(1.0)	495	(3.0)	532	(2.2)	**-37**	(3.6)
	Austria	490	(4.1)	108	(3.2)	468	(4.9)	513	(5.5)	**-45**	(6.0)
	Belgium	501	(3.0)	110	(2.8)	482	(4.1)	522	(3.5)	**-40**	(4.8)
	Canada	527	(2.4)	96	(1.4)	511	(2.8)	543	(2.5)	**-32**	(2.3)
	Czech Republic	483	(4.2)	111	(2.9)	463	(5.0)	509	(5.4)	**-46**	(6.2)
	Denmark	494	(3.2)	89	(1.6)	480	(3.6)	509	(3.5)	**-30**	(3.2)
	Finland	547	(2.1)	81	(1.1)	521	(2.7)	572	(2.3)	**-51**	(2.8)
	France	488	(4.1)	104	(2.8)	470	(5.2)	505	(3.9)	**-35**	(4.4)
	Germany	495	(4.4)	112	(2.7)	475	(5.3)	517	(4.4)	**-42**	(3.9)
	Greece	460	(4.0)	103	(2.9)	432	(5.7)	488	(3.5)	**-57**	(5.6)
	Hungary	482	(3.3)	94	(2.4)	463	(3.7)	503	(3.9)	**-40**	(4.1)
	Iceland	484	(1.9)	97	(1.4)	460	(2.8)	509	(2.3)	**-48**	(3.3)
	Ireland	517	(3.5)	92	(1.9)	500	(4.5)	534	(3.8)	**-34**	(4.9)
	Italy	469	(2.4)	109	(1.8)	448	(3.4)	489	(2.8)	**-41**	(4.0)
	Japan	498	(3.6)	102	(2.4)	483	(5.4)	513	(5.2)	**-31**	(7.7)
	Korea	556	(3.8)	88	(2.7)	539	(4.6)	574	(4.5)	**-35**	(5.9)
	Luxembourg	479	(1.3)	100	(1.1)	464	(2.0)	495	(2.1)	**-32**	(3.2)
	Mexico	410	(3.1)	96	(2.3)	393	(3.5)	427	(3.0)	**-34**	(2.5)
	Netherlands	507	(2.9)	97	(2.5)	495	(3.7)	519	(3.0)	**-24**	(3.4)
	New Zealand	521	(3.0)	105	(1.6)	502	(3.6)	539	(3.6)	**-37**	(4.6)
	Norway	484	(3.2)	105	(1.9)	462	(3.8)	508	(3.3)	**-46**	(3.3)
	Poland	508	(2.8)	100	(1.5)	487	(3.4)	528	(2.8)	**-40**	(2.9)
	Portugal	472	(3.6)	99	(2.3)	455	(4.4)	488	(3.5)	**-33**	(3.7)
	Slovak Republic	466	(3.1)	105	(2.5)	446	(4.2)	488	(3.8)	**-42**	(5.4)
	Spain	461	(2.2)	89	(1.2)	443	(2.6)	479	(2.3)	**-35**	(2.1)
	Sweden	507	(3.4)	98	(1.8)	488	(4.0)	528	(3.5)	**-40**	(3.2)
	Switzerland	499	(3.1)	94	(1.8)	484	(3.2)	515	(3.3)	**-31**	(2.6)
	Turkey	447	(4.2)	93	(2.8)	427	(5.1)	471	(4.3)	**-44**	(4.3)
	United Kingdom	495	(2.3)	102	(1.7)	480	(3.0)	510	(2.6)	**-29**	(3.5)
	United States	m	m	m	m	m	m	m	m	m	m
	OECD total	484	(1.0)	107	(0.7)	466	(1.2)	502	(1.3)	**-36**	(1.4)
	OECD average	492	(0.6)	99	(0.4)	473	(0.7)	511	(0.7)	**-38**	(0.8)
Partners	Argentina	374	(7.2)	124	(3.7)	345	(8.3)	399	(7.4)	**-54**	(7.3)
	Azerbaijan	353	(3.1)	70	(2.1)	343	(3.5)	363	(3.3)	**-20**	(2.6)
	Brazil	393	(3.7)	102	(3.4)	376	(4.3)	408	(3.7)	**-32**	(3.0)
	Bulgaria	402	(6.9)	118	(4.0)	374	(7.7)	432	(6.9)	**-58**	(6.3)
	Chile	442	(5.0)	103	(2.5)	434	(6.0)	451	(5.4)	**-17**	(5.7)
	Colombia	385	(5.1)	108	(2.4)	375	(5.6)	394	(5.6)	**-19**	(5.3)
	Croatia	477	(2.8)	89	(2.1)	452	(3.8)	502	(3.3)	**-50**	(4.7)
	Estonia	501	(2.9)	85	(2.0)	478	(3.2)	524	(3.1)	**-46**	(2.7)
	Hong Kong-China	536	(2.4)	82	(1.9)	520	(3.5)	551	(3.0)	**-31**	(4.5)
	Indonesia	393	(5.9)	75	(2.4)	384	(8.7)	402	(4.2)	**-18**	(6.3)
	Israel	439	(4.6)	119	(2.8)	417	(6.5)	460	(4.6)	**-42**	(6.8)
	Jordan	401	(3.3)	94	(2.3)	373	(5.6)	428	(3.4)	**-55**	(6.5)
	Kyrgyzstan	285	(3.5)	102	(2.5)	257	(4.4)	308	(3.3)	**-51**	(3.4)
	Latvia	479	(3.7)	91	(1.8)	454	(4.3)	504	(3.5)	**-50**	(3.2)
	Liechtenstein	510	(3.9)	95	(4.0)	486	(7.7)	531	(6.3)	**-45**	(11.7)
	Lithuania	470	(3.0)	96	(1.5)	445	(3.5)	496	(3.2)	**-51**	(3.0)
	Macao-China	492	(1.1)	77	(0.9)	479	(1.8)	505	(1.5)	**-26**	(2.4)
	Montenegro	392	(1.2)	90	(1.1)	370	(2.0)	415	(1.8)	**-45**	(2.9)
	Qatar	312	(1.2)	109	(1.1)	280	(1.9)	346	(1.6)	**-66**	(2.6)
	Romania	396	(4.7)	92	(2.9)	374	(4.5)	418	(5.2)	**-44**	(3.4)
	Russian Federation	440	(4.3)	93	(1.9)	420	(4.8)	458	(4.3)	**-38**	(3.2)
	Serbia	401	(3.5)	92	(1.7)	381	(3.4)	422	(4.2)	**-42**	(4.0)
	Slovenia	494	(1.0)	88	(0.9)	467	(1.9)	521	(1.4)	**-54**	(2.7)
	Chinese Taipei	496	(3.4)	84	(1.8)	486	(4.4)	507	(4.2)	**-21**	(5.4)
	Thailand	417	(2.6)	82	(1.8)	386	(4.0)	440	(3.0)	**-54**	(4.7)
	Tunisia	380	(4.0)	97	(2.5)	361	(4.6)	398	(3.9)	**-38**	(3.6)
	Uruguay	413	(3.4)	121	(2.0)	389	(4.4)	435	(3.8)	**-45**	(4.9)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

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[Part 2/2]

Table 6.1c Mean score, variation and gender differences in student performance on the reading scale

Tableau 6.1c Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle de compréhension de l'écrit

		Percentiles											
		5th		10th		25th		75th		90th		95th	
		Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
OECD	Australia	349	(3.4)	388	(3.4)	453	(2.4)	579	(2.3)	628	(2.9)	656	(2.6)
	Austria	298	(11.9)	348	(9.4)	421	(5.5)	568	(3.7)	621	(3.1)	651	(3.7)
	Belgium	297	(10.1)	347	(8.3)	433	(4.7)	581	(2.3)	631	(2.2)	657	(2.8)
	Canada	357	(4.8)	402	(3.9)	468	(3.0)	593	(2.6)	644	(2.7)	674	(3.9)
	Czech Republic	290	(10.5)	335	(7.0)	408	(6.2)	564	(3.8)	621	(4.2)	653	(4.3)
	Denmark	339	(6.4)	378	(5.0)	437	(3.9)	557	(2.9)	604	(3.7)	633	(5.1)
	Finland	410	(4.8)	441	(3.8)	494	(2.9)	603	(2.2)	649	(2.5)	675	(2.8)
	France	298	(9.7)	346	(7.5)	421	(6.1)	564	(3.8)	614	(4.0)	639	(4.1)
	Germany	299	(9.7)	350	(8.0)	429	(5.9)	573	(3.4)	625	(3.7)	657	(3.7)
	Greece	272	(11.6)	321	(8.5)	398	(5.2)	531	(3.8)	583	(4.2)	613	(4.5)
	Hungary	318	(9.1)	359	(5.0)	422	(4.8)	549	(3.6)	595	(4.4)	623	(4.6)
	Iceland	314	(4.7)	356	(4.1)	423	(3.0)	552	(2.8)	603	(3.2)	633	(3.9)
	Ireland	358	(6.3)	395	(5.5)	457	(4.7)	582	(3.9)	633	(3.5)	661	(4.3)
	Italy	276	(5.9)	325	(4.8)	402	(3.6)	546	(2.3)	599	(2.9)	627	(2.8)
	Japan	317	(6.8)	361	(6.6)	433	(6.1)	569	(3.4)	623	(3.5)	654	(3.8)
	Korea	399	(9.7)	440	(7.9)	503	(4.8)	617	(3.4)	663	(4.3)	688	(5.0)
	Luxembourg	302	(5.1)	344	(3.3)	415	(2.3)	552	(1.8)	602	(2.5)	630	(2.8)
	Mexico	247	(7.5)	285	(6.2)	348	(4.2)	478	(2.8)	530	(3.1)	559	(3.0)
	Netherlands	332	(10.0)	379	(6.4)	446	(4.3)	578	(2.5)	622	(2.4)	649	(3.5)
	New Zealand	339	(5.8)	381	(4.6)	453	(4.5)	595	(2.9)	651	(2.8)	683	(4.5)
	Norway	301	(7.3)	346	(5.5)	416	(4.6)	558	(3.0)	613	(4.1)	643	(3.6)
	Poland	335	(4.8)	374	(4.6)	441	(3.5)	579	(3.2)	633	(3.4)	663	(4.0)
	Portugal	299	(7.6)	339	(6.3)	408	(5.3)	543	(3.6)	594	(3.7)	622	(4.5)
	Slovak Republic	281	(7.1)	326	(6.6)	398	(4.3)	542	(3.4)	597	(3.8)	628	(3.3)
	Spain	304	(4.6)	343	(4.1)	405	(2.9)	523	(2.3)	569	(2.7)	594	(2.8)
	Sweden	335	(7.7)	378	(5.6)	445	(3.8)	575	(3.3)	629	(4.0)	658	(4.9)
	Switzerland	331	(6.5)	373	(5.1)	440	(3.5)	566	(3.1)	615	(3.6)	642	(4.3)
	Turkey	291	(5.9)	330	(6.4)	388	(4.4)	510	(5.2)	564	(6.5)	594	(7.8)
	United Kingdom	318	(5.2)	359	(4.0)	431	(2.8)	566	(2.5)	621	(3.1)	653	(3.6)
	United States	m	m	m	m	m	m	m	m	m	m	m	m
	OECD total	298	(2.5)	343	(1.8)	415	(1.5)	560	(1.0)	615	(1.0)	647	(1.2)
	OECD average	317	(1.4)	360	(1.1)	429	(0.8)	562	(0.6)	613	(0.7)	642	(0.8)
Partners	Argentina	155	(14.8)	209	(10.7)	291	(9.0)	464	(7.1)	527	(7.0)	560	(5.9)
	Azerbaijan	243	(4.4)	266	(3.9)	305	(3.6)	397	(3.7)	441	(5.0)	472	(6.0)
	Brazil	224	(10.1)	264	(6.0)	326	(4.2)	460	(4.0)	523	(5.3)	562	(6.8)
	Bulgaria	210	(11.4)	251	(9.0)	321	(8.5)	486	(7.6)	554	(7.8)	589	(8.5)
	Chile	271	(7.5)	310	(5.8)	373	(5.4)	513	(6.4)	575	(6.7)	609	(6.6)
	Colombia	200	(9.1)	243	(7.0)	316	(7.2)	462	(5.6)	518	(5.2)	550	(5.9)
	Croatia	324	(6.6)	359	(5.4)	418	(4.1)	540	(3.0)	589	(3.4)	615	(3.3)
	Estonia	353	(7.2)	389	(5.4)	448	(3.8)	560	(2.8)	606	(3.2)	632	(3.8)
	Hong Kong-China	390	(6.2)	426	(5.8)	484	(3.7)	594	(2.4)	636	(2.9)	660	(2.7)
	Indonesia	270	(5.3)	298	(5.0)	342	(5.3)	444	(8.4)	490	(8.6)	517	(8.6)
	Israel	237	(10.1)	280	(8.0)	356	(6.2)	526	(4.8)	588	(4.9)	626	(5.0)
	Jordan	233	(7.3)	277	(6.1)	342	(3.7)	467	(3.8)	514	(4.5)	541	(4.9)
	Kyrgyzstan	123	(7.2)	159	(5.3)	216	(3.8)	349	(4.1)	419	(5.9)	462	(7.6)
	Latvia	325	(6.7)	361	(5.4)	419	(4.9)	543	(4.2)	593	(4.0)	622	(4.8)
	Liechtenstein	337	(14.0)	379	(10.6)	452	(9.9)	578	(6.5)	623	(10.5)	658	(11.5)
	Lithuania	309	(4.4)	343	(3.9)	405	(4.0)	538	(3.9)	591	(3.9)	621	(4.0)
	Macao-China	359	(4.3)	394	(2.5)	445	(1.9)	545	(1.6)	587	(1.8)	610	(2.4)
	Montenegro	243	(3.7)	276	(3.2)	331	(2.1)	454	(1.9)	506	(2.6)	536	(3.7)
	Qatar	148	(3.7)	181	(2.7)	237	(1.8)	380	(1.9)	456	(3.6)	506	(3.7)
	Romania	243	(6.6)	274	(7.2)	333	(7.3)	461	(5.2)	512	(5.6)	541	(6.1)
	Russian Federation	281	(7.3)	316	(6.0)	377	(5.7)	505	(4.2)	556	(3.6)	586	(4.9)
	Serbia	246	(5.7)	282	(4.6)	339	(4.5)	466	(3.9)	518	(3.7)	546	(3.9)
	Slovenia	340	(4.2)	377	(2.6)	437	(1.8)	558	(2.2)	603	(2.1)	627	(2.7)
	Chinese Taipei	346	(5.8)	381	(5.9)	442	(4.9)	556	(3.0)	598	(3.0)	624	(4.0)
	Thailand	280	(5.9)	312	(3.9)	363	(3.3)	472	(2.9)	522	(3.7)	549	(3.6)
	Tunisia	217	(7.3)	252	(5.3)	315	(4.4)	450	(5.0)	502	(5.3)	532	(6.8)
	Uruguay	204	(7.8)	253	(5.8)	333	(5.0)	497	(3.8)	565	(4.3)	604	(5.7)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

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[Part 1/1]

Table 6.2a Percentage of students at each proficiency level on the mathematics scale

Tableau 6.2a Pourcentage d'élèves à chaque niveau de compétence sur l'échelle de culture mathématique

		Proficiency levels													
		Below Level 1 (below 357.77 score points)		Level 1 (from 357.77 to 420.07 score points)		Level 2 (from 420.07 to 482.38 score points)		Level 3 (from 482.38 to 544.68 score points)		Level 4 (from 544.68 to 606.99 score points)		Level 5 (from 606.99 to 669.30 score points)		Level 6 (above 669.30 score points)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	3.3	(0.3)	9.7	(0.4)	20.5	(0.6)	26.9	(0.6)	23.2	(0.5)	12.1	(0.5)	4.3	(0.5)
	Austria	7.5	(0.9)	12.5	(1.1)	19.5	(1.1)	23.3	(0.9)	21.3	(1.1)	12.3	(0.8)	3.5	(0.5)
	Belgium	7.1	(0.9)	10.2	(0.7)	17.0	(0.7)	21.4	(0.7)	21.9	(0.8)	16.0	(0.7)	6.4	(0.4)
	Canada	2.8	(0.3)	8.0	(0.5)	18.6	(0.6)	27.5	(0.7)	25.1	(0.7)	13.6	(0.6)	4.4	(0.4)
	Czech Republic	7.2	(0.7)	11.9	(0.8)	20.5	(1.0)	23.0	(0.9)	19.1	(1.1)	12.3	(0.8)	6.0	(0.7)
	Denmark	3.6	(0.5)	10.0	(0.7)	21.4	(0.8)	28.8	(0.9)	22.5	(0.8)	10.9	(0.6)	2.8	(0.4)
	Finland	1.1	(0.2)	4.8	(0.5)	14.4	(0.7)	27.2	(0.7)	28.1	(0.8)	18.1	(0.8)	6.3	(0.5)
	France	8.4	(0.8)	13.9	(1.0)	21.4	(1.2)	24.2	(1.0)	19.6	(1.0)	9.9	(0.7)	2.6	(0.5)
	Germany	7.3	(1.0)	12.5	(0.8)	21.2	(1.1)	24.0	(1.1)	19.4	(0.9)	11.0	(0.8)	4.5	(0.5)
	Greece	13.3	(1.1)	19.0	(1.2)	26.8	(0.9)	23.2	(1.1)	12.6	(1.0)	4.2	(0.5)	0.9	(0.2)
	Hungary	6.7	(0.6)	14.5	(0.8)	25.1	(1.0)	26.5	(0.9)	16.9	(1.1)	7.7	(0.7)	2.6	(0.5)
	Iceland	5.1	(0.4)	11.7	(0.7)	22.3	(0.9)	26.6	(1.0)	21.7	(0.9)	10.1	(0.7)	2.5	(0.3)
	Ireland	4.1	(0.5)	12.3	(0.9)	24.1	(1.0)	28.6	(0.9)	20.6	(0.9)	8.6	(0.7)	1.6	(0.2)
	Italy	13.5	(0.7)	19.3	(0.7)	25.5	(0.7)	22.1	(0.7)	13.3	(0.6)	5.0	(0.4)	1.3	(0.3)
	Japan	3.9	(0.6)	9.1	(0.7)	18.9	(0.9)	26.1	(1.0)	23.7	(1.0)	13.5	(0.8)	4.8	(0.5)
	Korea	2.3	(0.5)	6.5	(0.7)	15.2	(0.7)	23.5	(1.1)	25.5	(1.0)	18.0	(0.8)	9.1	(1.3)
	Luxembourg	8.3	(0.5)	14.5	(0.7)	23.2	(0.7)	25.2	(0.8)	18.2	(1.0)	8.2	(0.5)	2.3	(0.3)
	Mexico	28.4	(1.4)	28.1	(0.9)	25.2	(0.8)	13.1	(0.6)	4.3	(0.4)	0.8	(0.2)	0.1	(0.0)
	Netherlands	2.4	(0.6)	9.1	(0.8)	18.9	(0.9)	24.3	(0.9)	24.1	(1.1)	15.8	(0.8)	5.4	(0.6)
	New Zealand	4.0	(0.3)	10.0	(0.8)	19.5	(1.0)	25.5	(1.1)	22.1	(1.0)	13.2	(0.7)	5.7	(0.5)
	Norway	7.3	(0.7)	14.9	(1.0)	24.3	(0.8)	25.6	(1.0)	17.4	(0.8)	8.3	(0.7)	2.1	(0.3)
	Poland	5.7	(0.4)	14.2	(0.7)	24.7	(0.8)	26.2	(0.7)	18.6	(0.8)	8.6	(0.7)	2.0	(0.3)
	Portugal	12.0	(1.0)	18.7	(0.9)	25.1	(0.9)	24.0	(0.9)	14.4	(0.8)	4.9	(0.4)	0.8	(0.2)
	Slovak Republic	8.1	(0.7)	12.8	(0.9)	24.1	(1.0)	25.3	(1.0)	18.8	(0.9)	8.6	(0.7)	2.4	(0.4)
	Spain	8.6	(0.5)	16.1	(0.8)	25.2	(0.9)	26.2	(0.6)	16.8	(0.5)	6.1	(0.4)	1.2	(0.2)
	Sweden	5.4	(0.6)	12.9	(0.8)	23.0	(0.8)	26.0	(1.0)	20.1	(0.9)	9.7	(0.6)	2.9	(0.4)
	Switzerland	4.6	(0.5)	9.0	(0.6)	17.4	(1.0)	23.2	(0.8)	23.2	(0.9)	15.9	(0.7)	6.8	(0.6)
	Turkey	24.0	(1.4)	28.1	(1.4)	24.3	(1.3)	12.8	(0.8)	6.7	(0.9)	3.0	(0.8)	1.2	(0.5)
	United Kingdom	5.9	(0.6)	13.8	(0.7)	24.7	(0.8)	26.3	(0.7)	18.1	(0.6)	8.7	(0.5)	2.5	(0.3)
	United States	9.9	(1.2)	18.2	(0.9)	26.1	(1.2)	23.1	(1.1)	15.1	(1.0)	6.4	(0.7)	1.3	(0.2)
	OECD total	10.2	(0.3)	16.2	(0.3)	23.2	(0.4)	22.8	(0.4)	16.7	(0.3)	8.3	(0.2)	2.6	(0.1)
	OECD average	7.7	(0.1)	13.6	(0.2)	21.9	(0.2)	24.3	(0.2)	19.1	(0.2)	10.0	(0.1)	3.3	(0.1)
Partners	Argentina	39.4	(2.7)	24.7	(1.5)	20.4	(1.7)	10.6	(1.1)	3.8	(0.6)	0.9	(0.3)	0.1	(0.1)
	Azerbaijan	0.2	(0.1)	10.4	(1.0)	47.6	(1.6)	34.4	(1.6)	6.6	(0.9)	0.6	(0.3)	0.2	(0.1)
	Brazil	46.6	(1.4)	25.9	(1.2)	16.6	(0.9)	7.1	(0.6)	2.8	(0.4)	0.8	(0.3)	0.2	(0.1)
	Bulgaria	29.4	(2.2)	23.9	(1.1)	22.0	(1.0)	14.9	(1.1)	6.7	(0.8)	2.5	(0.6)	0.6	(0.3)
	Chile	28.2	(1.9)	26.9	(1.2)	23.9	(1.1)	13.9	(1.0)	5.6	(0.7)	1.3	(0.3)	0.1	(0.1)
	Colombia	44.6	(1.8)	27.3	(1.1)	18.2	(1.3)	7.6	(0.7)	1.9	(0.4)	0.4	(0.2)	0.0	(0.0)
	Croatia	9.3	(0.7)	19.3	(0.9)	28.9	(1.1)	24.3	(0.9)	13.6	(0.7)	4.0	(0.5)	0.8	(0.2)
	Estonia	2.7	(0.5)	9.4	(0.8)	21.9	(0.9)	30.2	(1.0)	23.3	(1.1)	10.0	(0.6)	2.6	(0.4)
	Hong Kong-China	2.9	(0.5)	6.6	(0.6)	14.4	(0.8)	22.7	(1.1)	25.6	(0.9)	18.7	(0.8)	9.0	(0.8)
	Indonesia	35.2	(2.2)	30.5	(1.6)	20.4	(1.0)	10.6	(2.0)	2.8	(0.7)	0.4	(0.2)	0.0	a
	Israel	22.2	(1.5)	19.8	(1.0)	21.8	(1.0)	18.4	(0.9)	11.8	(0.8)	4.8	(0.5)	1.3	(0.2)
	Jordan	36.9	(1.4)	29.4	(1.0)	21.9	(0.9)	9.3	(0.8)	2.2	(0.4)	0.2	(0.1)	0.0	a
	Kyrgyzstan	72.9	(1.5)	16.5	(1.0)	7.1	(0.7)	2.8	(0.5)	0.7	(0.2)	0.0	(0.1)	0.0	a
	Latvia	6.4	(0.6)	14.3	(0.9)	26.3	(0.9)	29.0	(1.0)	17.4	(1.1)	5.5	(0.5)	1.1	(0.3)
	Liechtenstein	4.0	(1.1)	9.2	(2.0)	18.2	(3.0)	26.4	(3.8)	23.7	(2.9)	12.6	(2.1)	5.8	(1.2)
	Lithuania	7.8	(0.6)	15.2	(0.8)	25.1	(1.0)	25.1	(1.1)	17.8	(0.8)	7.3	(0.8)	1.8	(0.4)
	Macao-China	2.6	(0.3)	8.3	(0.6)	20.0	(0.9)	27.3	(0.9)	24.4	(0.8)	13.6	(0.6)	3.8	(0.4)
	Montenegro	31.6	(0.9)	28.4	(0.8)	23.3	(0.9)	11.8	(0.6)	4.0	(0.4)	0.8	(0.2)	0.1	(0.1)
	Qatar	71.7	(0.5)	15.5	(0.5)	7.5	(0.6)	3.3	(0.3)	1.4	(0.2)	0.5	(0.1)	0.1	(0.0)
	Romania	24.7	(2.2)	28.0	(1.9)	26.5	(1.8)	14.1	(1.1)	5.4	(0.8)	1.1	(0.3)	0.1	(0.1)
	Russian Federation	9.1	(0.9)	17.6	(1.1)	27.0	(1.4)	24.2	(0.9)	14.7	(1.0)	5.7	(0.6)	1.7	(0.3)
	Serbia	19.6	(1.3)	23.0	(1.1)	26.8	(0.9)	18.7	(1.0)	9.1	(0.7)	2.4	(0.4)	0.4	(0.1)
	Slovenia	4.6	(0.3)	13.1	(0.8)	23.5	(0.8)	26.0	(0.8)	19.2	(0.8)	10.3	(0.8)	3.4	(0.4)
	Chinese Taipei	3.6	(0.6)	8.3	(0.7)	14.3	(0.9)	19.4	(0.7)	22.4	(0.8)	20.1	(0.9)	11.8	(0.8)
	Thailand	23.3	(1.3)	29.7	(1.4)	26.4	(0.9)	14.0	(0.7)	5.3	(0.4)	1.1	(0.2)	0.2	(0.1)
	Tunisia	48.5	(1.8)	24.0	(1.1)	16.5	(1.1)	8.1	(0.9)	2.4	(0.6)	0.5	(0.2)	0.0	a
	Uruguay	24.4	(1.1)	21.7	(1.0)	24.3	(0.8)	18.3	(1.1)	8.2	(0.7)	2.6	(0.4)	0.6	(0.2)

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[Part 1/2]

Table 6.2b Percentage of students at each proficiency level on the mathematics scale, by gender

Tableau 6.2b Pourcentage d'élèves à chaque niveau de compétence sur l'échelle de culture mathématique, selon le sexe

		Males – Proficiency levels													
		Below Level 1 (below 357.77 score points)		Level 1 (from 357.77 to 420.07 score points)		Level 2 (from 420.07 to 482.38 score points)		Level 3 (from 482.38 to 544.68 score points)		Level 4 (from 544.68 to 606.99 score points)		Level 5 (from 606.99 to 669.30 score points)		Level 6 (above 669.30 score points)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	3.3	(0.4)	9.1	(0.6)	19.0	(0.7)	25.6	(0.9)	23.5	(0.8)	13.8	(0.8)	5.7	(0.8)
	Austria	5.8	(1.0)	11.6	(1.3)	18.4	(1.3)	23.2	(1.2)	21.6	(1.3)	14.5	(1.0)	4.9	(0.6)
	Belgium	7.3	(1.1)	10.4	(1.2)	16.3	(0.8)	20.1	(1.1)	21.0	(1.1)	17.0	(0.8)	7.9	(0.6)
	Canada	2.7	(0.4)	7.6	(0.7)	16.8	(0.9)	26.0	(0.9)	25.9	(0.9)	15.5	(0.9)	5.5	(0.5)
	Czech Republic	6.0	(0.8)	11.6	(1.1)	20.9	(1.2)	22.9	(1.3)	19.4	(1.5)	12.7	(1.0)	6.5	(0.7)
	Denmark	3.3	(0.6)	8.8	(1.0)	20.8	(1.3)	28.4	(1.2)	23.7	(1.2)	11.9	(0.8)	3.2	(0.5)
	Finland	1.2	(0.3)	4.7	(0.7)	13.3	(0.9)	25.1	(1.1)	27.8	(1.0)	19.8	(1.1)	8.0	(0.7)
	France	8.7	(1.1)	13.5	(1.4)	20.7	(1.5)	22.9	(1.3)	19.8	(1.4)	11.3	(1.0)	3.2	(0.7)
	Germany	6.2	(1.1)	11.6	(1.0)	20.4	(1.4)	23.4	(1.4)	19.8	(1.4)	12.9	(1.1)	5.8	(0.7)
	Greece	14.1	(1.5)	18.6	(1.1)	24.8	(1.6)	22.6	(1.4)	13.4	(1.1)	5.2	(0.7)	1.2	(0.3)
	Hungary	6.9	(0.7)	14.0	(1.0)	23.6	(1.2)	25.3	(1.2)	17.7	(1.4)	9.1	(0.9)	3.5	(0.7)
	Iceland	6.2	(0.6)	12.1	(1.1)	22.4	(1.1)	25.1	(1.1)	20.7	(1.1)	10.7	(0.9)	2.7	(0.5)
	Ireland	4.1	(0.7)	11.4	(1.3)	23.1	(1.5)	27.3	(1.3)	21.9	(1.1)	9.9	(0.9)	2.4	(0.4)
	Italy	13.0	(0.9)	17.0	(0.9)	24.1	(0.8)	22.7	(0.8)	14.8	(0.7)	6.6	(0.6)	1.8	(0.3)
	Japan	3.7	(0.7)	8.1	(0.9)	17.1	(1.2)	24.1	(1.2)	24.4	(1.3)	16.2	(1.1)	6.5	(0.8)
	Korea	2.7	(0.7)	6.4	(0.9)	14.3	(1.0)	22.1	(1.3)	24.7	(1.4)	19.0	(1.2)	10.9	(1.6)
	Luxembourg	7.7	(0.6)	13.4	(0.8)	21.6	(1.2)	25.1	(1.1)	19.0	(1.0)	10.0	(0.8)	3.2	(0.4)
	Mexico	27.1	(1.7)	26.9	(1.1)	25.7	(1.0)	14.1	(0.7)	5.0	(0.5)	1.1	(0.3)	0.1	(0.1)
	Netherlands	2.0	(0.6)	8.0	(0.9)	18.1	(1.3)	24.5	(1.2)	23.7	(1.2)	16.9	(1.2)	6.8	(0.8)
	New Zealand	4.0	(0.5)	9.9	(1.0)	18.6	(1.3)	23.7	(1.4)	21.8	(1.3)	14.8	(1.1)	7.1	(0.8)
	Norway	7.8	(1.0)	14.3	(1.1)	22.8	(1.1)	25.2	(1.5)	17.8	(1.1)	9.4	(0.9)	2.6	(0.4)
	Poland	5.5	(0.5)	13.6	(0.8)	23.9	(1.2)	25.8	(1.0)	18.6	(1.0)	9.9	(1.0)	2.7	(0.5)
	Portugal	11.1	(1.2)	17.5	(1.1)	24.2	(1.2)	23.9	(1.4)	15.5	(1.1)	6.6	(0.8)	1.3	(0.4)
	Slovak Republic	7.3	(0.9)	11.7	(0.8)	23.3	(1.3)	25.2	(1.4)	19.6	(1.1)	9.8	(0.9)	3.2	(0.7)
	Spain	8.4	(0.6)	16.0	(1.1)	23.7	(1.1)	25.5	(1.1)	17.5	(0.9)	7.3	(0.6)	1.7	(0.3)
	Sweden	5.4	(0.8)	12.5	(1.0)	22.5	(1.3)	25.7	(1.7)	20.3	(1.3)	10.3	(0.9)	3.3	(0.5)
	Switzerland	4.3	(0.6)	8.1	(0.6)	16.1	(0.9)	22.9	(0.9)	23.9	(1.0)	17.2	(0.9)	7.6	(0.6)
	Turkey	23.5	(1.7)	27.5	(1.5)	24.4	(1.4)	12.8	(0.9)	6.9	(1.1)	3.5	(0.9)	1.4	(0.7)
	United Kingdom	5.7	(0.8)	12.6	(0.9)	22.7	(1.0)	25.4	(1.0)	19.7	(0.8)	10.5	(0.7)	3.4	(0.4)
	United States	9.8	(1.4)	17.6	(1.2)	24.9	(1.4)	23.0	(1.2)	16.2	(1.1)	7.1	(0.8)	1.5	(0.3)
	OECD total	9.9	(0.4)	15.4	(0.4)	22.2	(0.5)	22.3	(0.5)	17.4	(0.4)	9.6	(0.3)	3.4	(0.1)
	OECD average	7.5	(0.2)	12.9	(0.2)	20.9	(0.2)	23.6	(0.2)	19.5	(0.2)	11.3	(0.2)	4.2	(0.1)
Partners	Argentina	37.3	(2.9)	24.8	(1.5)	21.0	(1.7)	11.6	(1.5)	4.3	(0.7)	0.9	(0.3)	0.1	(0.1)
	Azerbaijan	0.2	(0.2)	10.6	(1.2)	47.7	(2.0)	33.6	(1.8)	7.0	(1.0)	0.9	(0.4)	0.0	a
	Brazil	42.5	(1.8)	26.4	(1.6)	18.0	(1.2)	8.3	(0.8)	3.4	(0.5)	1.1	(0.4)	0.3	(0.2)
	Bulgaria	30.9	(2.5)	24.0	(1.6)	20.3	(1.4)	14.2	(1.1)	7.0	(0.9)	2.9	(0.7)	0.8	(0.4)
	Chile	23.2	(2.0)	26.3	(1.5)	25.7	(1.4)	15.5	(1.2)	7.1	(1.0)	2.0	(0.6)	0.2	(0.1)
	Colombia	38.4	(2.1)	28.1	(2.0)	20.7	(1.6)	9.6	(1.0)	2.7	(0.5)	0.5	(0.3)	0.1	(0.1)
	Croatia	9.4	(0.9)	17.4	(1.1)	27.1	(1.2)	24.5	(1.1)	15.2	(1.0)	5.2	(0.7)	1.2	(0.3)
	Estonia	3.3	(0.7)	9.5	(1.3)	21.5	(1.2)	28.8	(1.3)	22.9	(1.6)	10.8	(0.9)	3.2	(0.5)
	Hong Kong-China	2.7	(0.7)	6.0	(0.8)	13.1	(1.2)	21.3	(1.5)	25.9	(1.5)	19.6	(1.0)	11.4	(1.3)
	Indonesia	31.9	(2.8)	29.5	(2.3)	21.3	(1.2)	13.2	(3.3)	3.5	(1.1)	0.5	(0.3)	0.0	a
	Israel	22.2	(2.1)	18.0	(1.4)	20.1	(1.3)	18.5	(1.3)	13.3	(1.2)	6.0	(0.8)	1.9	(0.4)
	Jordan	39.3	(2.2)	26.9	(1.7)	20.9	(1.3)	9.9	(1.3)	2.6	(0.7)	0.3	(0.2)	0.0	a
	Kyrgyzstan	72.2	(1.9)	16.2	(1.4)	7.3	(0.9)	3.3	(0.6)	0.9	(0.3)	0.1	a	0.0	a
	Latvia	6.4	(0.9)	13.7	(1.2)	26.4	(1.3)	28.2	(1.2)	17.8	(1.2)	6.2	(0.8)	1.4	(0.4)
	Liechtenstein	3.8	(1.9)	7.8	(3.2)	18.9	(5.8)	29.2	(7.2)	22.8	(4.7)	12.4	(2.9)	5.3	(2.2)
	Lithuania	7.7	(0.9)	15.2	(1.0)	25.1	(1.3)	24.6	(1.3)	17.6	(1.0)	7.7	(1.0)	2.1	(0.5)
	Macao-China	2.9	(0.4)	8.0	(1.0)	18.5	(1.2)	25.8	(1.5)	24.3	(1.3)	15.8	(0.9)	4.8	(0.6)
	Montenegro	29.4	(1.3)	28.0	(1.3)	24.0	(1.3)	13.1	(0.9)	4.6	(0.5)	0.9	(0.3)	0.1	a
	Qatar	73.4	(0.7)	13.5	(0.7)	7.0	(0.6)	3.5	(0.5)	1.6	(0.3)	0.8	(0.2)	0.1	(0.1)
	Romania	24.5	(2.1)	26.6	(2.1)	26.7	(2.2)	14.2	(1.1)	6.3	(0.9)	1.6	(0.4)	0.2	(0.1)
	Russian Federation	9.3	(1.4)	17.0	(1.3)	26.4	(1.7)	23.2	(1.0)	15.6	(1.3)	6.6	(0.8)	2.0	(0.3)
	Serbia	19.0	(1.4)	23.8	(1.3)	25.7	(1.1)	18.3	(1.2)	9.5	(0.8)	3.0	(0.6)	0.6	(0.2)
	Slovenia	4.5	(0.6)	12.5	(1.0)	23.9	(1.2)	25.4	(1.0)	18.8	(1.3)	10.5	(1.1)	4.3	(0.6)
	Chinese Taipei	3.7	(0.7)	7.8	(0.9)	13.0	(0.8)	18.5	(1.2)	22.3	(1.0)	21.5	(1.0)	13.2	(1.3)
	Thailand	25.7	(1.9)	29.6	(1.8)	24.3	(1.6)	13.5	(1.0)	5.3	(0.7)	1.3	(0.3)	0.3	(0.1)
	Tunisia	45.0	(1.9)	24.5	(1.2)	17.9	(1.4)	8.8	(1.1)	3.1	(0.7)	0.7	(0.4)	0.0	a
	Uruguay	22.7	(1.6)	21.4	(1.3)	24.2	(1.2)	18.3	(1.7)	9.1	(1.0)	3.5	(0.5)	0.8	(0.3)

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[Part 2/2]

Table 6.2b Percentage of students at each proficiency level on the mathematics scale, by gender

Tableau 6.2b Pourcentage d'élèves à chaque niveau de compétence sur l'échelle de culture mathématique, selon le sexe

		Females – Proficiency levels													
		Below Level 1 (below 357.77 score points)		Level 1 (from 357.77 to 420.07 score points)		Level 2 (from 420.07 to 482.38 score points)		Level 3 (from 482.38 to 544.68 score points)		Level 4 (from 544.68 to 606.99 score points)		Level 5 (from 606.99 to 669.30 score points)		Level 6 (above 669.30 score points)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	3.3	(0.3)	10.3	(0.6)	22.1	(0.9)	28.3	(0.8)	22.8	(0.8)	10.4	(0.6)	2.8	(0.4)
	Austria	9.2	(1.3)	13.5	(1.2)	20.6	(1.4)	23.5	(1.4)	21.1	(1.5)	10.0	(0.9)	2.0	(0.5)
	Belgium	6.9	(0.8)	10.1	(0.8)	17.8	(1.0)	22.9	(1.1)	22.8	(1.0)	14.7	(1.0)	4.8	(0.5)
	Canada	2.9	(0.3)	8.4	(0.6)	20.4	(0.9)	29.1	(0.9)	24.4	(1.0)	11.6	(0.7)	3.2	(0.3)
	Czech Republic	8.8	(1.1)	12.5	(1.2)	19.9	(1.6)	23.1	(1.8)	18.7	(1.4)	11.8	(1.3)	5.3	(0.9)
	Denmark	3.9	(0.7)	11.3	(0.8)	22.1	(1.0)	29.2	(1.3)	21.3	(1.1)	9.9	(0.8)	2.5	(0.4)
	Finland	1.1	(0.3)	4.9	(0.8)	15.4	(1.2)	29.2	(1.1)	28.3	(1.2)	16.5	(0.9)	4.6	(0.6)
	France	8.1	(0.8)	14.3	(1.3)	22.0	(1.3)	25.5	(1.3)	19.5	(1.3)	8.7	(0.8)	1.9	(0.5)
	Germany	8.5	(1.1)	13.5	(0.9)	22.1	(1.4)	24.7	(1.2)	19.1	(1.1)	9.0	(0.8)	3.0	(0.5)
	Greece	12.5	(1.5)	19.5	(1.8)	28.7	(1.6)	23.9	(1.7)	11.8	(1.5)	3.1	(0.6)	0.5	(0.2)
	Hungary	6.5	(0.9)	15.0	(1.2)	26.8	(1.4)	27.8	(1.4)	16.0	(1.3)	6.2	(0.8)	1.8	(0.4)
	Iceland	4.0	(0.5)	11.3	(0.8)	22.1	(1.2)	28.0	(1.5)	22.7	(1.2)	9.6	(1.0)	2.3	(0.4)
	Ireland	4.1	(0.6)	13.2	(1.1)	25.2	(1.1)	29.7	(1.4)	19.4	(1.4)	7.4	(0.9)	0.9	(0.3)
	Italy	14.0	(0.9)	21.6	(1.0)	26.8	(1.0)	21.6	(0.9)	11.9	(0.8)	3.3	(0.4)	0.8	(0.3)
	Japan	4.2	(0.9)	10.2	(1.1)	20.7	(1.3)	28.1	(1.5)	23.1	(1.4)	10.7	(1.1)	3.1	(0.5)
	Korea	1.9	(0.5)	6.7	(1.0)	16.1	(1.2)	24.9	(1.6)	26.2	(1.6)	17.0	(1.3)	7.2	(1.4)
	Luxembourg	8.9	(0.9)	15.6	(1.3)	24.9	(1.0)	25.3	(1.3)	17.4	(1.3)	6.5	(0.7)	1.4	(0.4)
	Mexico	29.5	(1.5)	29.3	(1.0)	24.8	(1.1)	12.2	(0.8)	3.6	(0.5)	0.5	(0.2)	0.0	(0.0)
	Netherlands	2.9	(0.7)	10.2	(1.1)	19.6	(1.3)	24.1	(1.5)	24.6	(1.4)	14.6	(1.0)	3.9	(0.8)
	New Zealand	4.0	(0.5)	10.1	(0.9)	20.3	(1.3)	27.1	(1.3)	22.3	(1.3)	11.8	(0.9)	4.3	(0.6)
	Norway	6.8	(0.7)	15.6	(1.2)	25.9	(1.1)	26.1	(1.1)	17.0	(1.2)	7.1	(1.0)	1.6	(0.4)
	Poland	5.8	(0.5)	14.7	(1.0)	25.5	(1.0)	26.7	(1.1)	18.6	(1.1)	7.4	(0.7)	1.3	(0.3)
	Portugal	12.8	(1.2)	19.9	(1.2)	26.0	(1.2)	24.2	(1.2)	13.4	(0.8)	3.3	(0.5)	0.3	(0.1)
	Slovak Republic	9.0	(1.1)	13.9	(1.3)	24.9	(1.4)	25.4	(1.4)	18.0	(1.2)	7.3	(1.1)	1.5	(0.3)
	Spain	8.7	(0.7)	16.3	(1.0)	26.7	(1.3)	26.9	(1.0)	16.1	(0.8)	4.7	(0.5)	0.6	(0.1)
	Sweden	5.4	(0.8)	13.3	(1.0)	23.5	(1.2)	26.3	(1.1)	19.8	(1.6)	9.1	(0.8)	2.5	(0.5)
	Switzerland	4.8	(0.6)	9.9	(0.9)	18.9	(1.4)	23.5	(1.5)	22.5	(1.4)	14.5	(0.9)	5.8	(0.8)
	Turkey	24.6	(1.9)	28.8	(1.9)	24.1	(1.9)	12.8	(1.2)	6.4	(1.1)	2.3	(0.7)	0.9	(0.4)
	United Kingdom	6.2	(0.6)	15.1	(1.0)	26.7	(1.3)	27.2	(1.1)	16.5	(0.8)	6.9	(0.6)	1.5	(0.3)
	United States	10.1	(1.1)	18.8	(1.1)	27.3	(1.4)	23.2	(1.3)	13.9	(1.2)	5.6	(0.8)	1.0	(0.3)
	OECD total	10.6	(0.4)	16.9	(0.3)	24.2	(0.5)	23.3	(0.5)	16.0	(0.4)	7.1	(0.3)	1.9	(0.1)
	OECD average	8.0	(0.2)	14.3	(0.2)	22.9	(0.2)	25.0	(0.2)	18.6	(0.2)	8.7	(0.2)	2.5	(0.1)
Partners	Argentina	41.3	(3.0)	24.7	(2.0)	19.9	(2.1)	9.7	(1.1)	3.3	(0.7)	0.9	(0.5)	0.2	a
	Azerbaijan	0.1	(0.1)	10.1	(1.2)	47.5	(1.8)	35.2	(1.9)	6.2	(0.9)	0.4	(0.2)	0.5	(0.3)
	Brazil	50.1	(1.5)	25.6	(1.2)	15.3	(1.1)	6.1	(0.6)	2.3	(0.5)	0.6	(0.3)	0.1	(0.1)
	Bulgaria	27.7	(2.4)	23.9	(1.6)	23.9	(1.5)	15.7	(1.6)	6.4	(1.0)	2.0	(0.6)	0.4	(0.3)
	Chile	34.1	(2.5)	27.7	(1.8)	21.9	(1.4)	11.9	(1.2)	3.9	(0.6)	0.5	(0.2)	0.0	a
	Colombia	49.9	(2.4)	26.7	(1.7)	16.0	(1.6)	5.9	(0.9)	1.3	(0.6)	0.3	(0.1)	0.0	a
	Croatia	9.3	(0.9)	21.1	(1.3)	30.6	(1.5)	24.1	(1.3)	11.9	(0.9)	2.7	(0.4)	0.3	(0.2)
	Estonia	2.1	(0.4)	9.2	(1.0)	22.3	(1.4)	31.7	(1.6)	23.6	(1.5)	9.1	(0.8)	2.0	(0.4)
	Hong Kong-China	3.1	(0.5)	7.1	(0.8)	15.7	(1.1)	24.1	(1.4)	25.4	(1.2)	17.9	(1.3)	6.7	(0.9)
	Indonesia	38.8	(2.2)	31.6	(1.5)	19.4	(1.3)	7.9	(1.3)	2.1	(0.6)	0.2	(0.1)	a	a
	Israel	22.2	(1.8)	21.6	(1.2)	23.4	(1.6)	18.3	(1.1)	10.3	(0.8)	3.6	(0.5)	0.7	(0.3)
	Jordan	34.5	(2.1)	31.9	(1.1)	23.0	(1.3)	8.8	(0.8)	1.7	(0.4)	0.1	(0.1)	a	a
	Kyrgyzstan	73.6	(1.6)	16.7	(1.1)	6.8	(0.8)	2.3	(0.5)	0.6	(0.2)	0.0	a	0.0	a
	Latvia	6.5	(0.7)	14.8	(1.2)	26.3	(1.3)	29.8	(1.4)	16.9	(1.2)	4.8	(0.6)	0.8	(0.4)
	Liechtenstein	4.1	(1.6)	10.5	(2.8)	17.7	(3.7)	24.0	(4.2)	24.6	(3.4)	12.8	(2.9)	6.3	(2.2)
	Lithuania	7.9	(0.7)	15.1	(1.0)	25.0	(1.4)	25.6	(1.4)	18.1	(1.1)	6.9	(0.9)	1.4	(0.4)
	Macao-China	2.4	(0.4)	8.6	(1.0)	21.5	(1.2)	28.8	(1.3)	24.5	(1.2)	11.5	(0.8)	2.7	(0.5)
	Montenegro	34.1	(1.1)	28.8	(1.1)	22.6	(1.2)	10.5	(0.9)	3.3	(0.6)	0.7	(0.3)	0.0	a
	Qatar	70.0	(0.8)	17.5	(0.8)	7.9	(0.8)	3.2	(0.3)	1.1	(0.2)	0.3	(0.1)	0.0	a
	Romania	25.0	(2.6)	29.5	(2.4)	26.4	(2.0)	14.0	(1.6)	4.5	(1.0)	0.7	(0.3)	0.0	a
	Russian Federation	8.8	(0.9)	18.1	(1.4)	27.6	(1.7)	25.1	(1.3)	14.0	(1.2)	4.9	(0.6)	1.4	(0.4)
	Serbia	20.3	(1.8)	22.2	(1.4)	28.0	(1.5)	19.0	(1.3)	8.7	(0.9)	1.8	(0.5)	0.2	(0.1)
	Slovenia	4.6	(0.5)	13.6	(1.0)	23.1	(1.1)	26.6	(1.2)	19.5	(1.0)	10.1	(0.9)	2.4	(0.5)
	Chinese Taipei	3.6	(0.7)	8.9	(1.0)	15.7	(1.4)	20.4	(1.3)	22.5	(1.4)	18.6	(1.3)	10.2	(1.3)
	Thailand	21.6	(1.4)	29.8	(1.5)	27.9	(1.0)	14.3	(0.9)	5.3	(0.5)	1.0	(0.3)	0.1	(0.1)
	Tunisia	51.7	(2.1)	23.5	(1.6)	15.3	(1.4)	7.4	(1.2)	1.8	(0.6)	0.3	(0.2)	0.0	a
	Uruguay	26.1	(1.2)	21.9	(1.1)	24.3	(1.2)	18.3	(1.2)	7.2	(0.7)	1.8	(0.4)	0.3	(0.1)

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[Part 1/2]

Table 6.2c Mean score, variation and gender differences in student performance on the mathematics scale

Tableau 6.2c Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle de culture mathématique

		All students				Gender differences					
		Mean score		Standard deviation		Males		Females		Difference (M - F)	
		Mean	S.E.	S.D.	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.
OECD	Australia	520	(2.2)	88	(1.1)	527	(3.2)	513	(2.4)	**14**	(3.4)
	Austria	505	(3.7)	98	(2.3)	517	(4.4)	494	(4.1)	**23**	(4.7)
	Belgium	520	(3.0)	106	(3.3)	524	(4.1)	517	(3.4)	7	(4.8)
	Canada	527	(2.0)	86	(1.1)	534	(2.4)	520	(2.0)	**14**	(1.9)
	Czech Republic	510	(3.6)	103	(2.1)	514	(4.2)	504	(4.8)	11	(5.6)
	Denmark	513	(2.6)	85	(1.5)	518	(2.9)	508	(3.0)	**10**	(2.8)
	Finland	548	(2.3)	81	(1.0)	554	(2.7)	543	(2.6)	**12**	(2.6)
	France	496	(3.2)	96	(2.0)	499	(4.0)	492	(3.3)	6	(3.7)
	Germany	504	(3.9)	99	(2.6)	513	(4.6)	494	(3.9)	**20**	(3.7)
	Greece	459	(3.0)	92	(2.4)	462	(4.3)	457	(3.0)	5	(4.5)
	Hungary	491	(2.9)	91	(2.0)	496	(3.5)	486	(3.7)	**10**	(4.3)
	Iceland	506	(1.8)	88	(1.1)	503	(2.6)	508	(2.2)	-4	(3.2)
	Ireland	501	(2.8)	82	(1.5)	507	(3.7)	496	(3.2)	**11**	(4.1)
	Italy	462	(2.3)	96	(1.7)	470	(2.9)	453	(2.7)	**17**	(3.4)
	Japan	523	(3.3)	91	(2.1)	533	(4.8)	513	(4.9)	**20**	(7.2)
	Korea	547	(3.8)	93	(3.1)	552	(5.3)	543	(4.5)	9	(6.3)
	Luxembourg	490	(1.1)	93	(1.0)	498	(1.7)	482	(1.8)	**17**	(2.8)
	Mexico	406	(2.9)	85	(2.2)	410	(3.4)	401	(3.1)	**9**	(2.6)
	Netherlands	531	(2.6)	89	(2.2)	537	(3.1)	524	(2.8)	**13**	(2.8)
	New Zealand	522	(2.4)	93	(1.2)	527	(3.1)	517	(3.6)	**11**	(4.7)
	Norway	490	(2.6)	92	(1.4)	493	(3.3)	487	(2.8)	**6**	(3.1)
	Poland	495	(2.4)	87	(1.2)	500	(2.8)	491	(2.7)	**9**	(2.6)
	Portugal	466	(3.1)	91	(2.0)	474	(3.7)	459	(3.2)	**15**	(3.3)
	Slovak Republic	492	(2.8)	95	(2.5)	499	(3.7)	485	(3.5)	**14**	(4.6)
	Spain	480	(2.3)	89	(1.1)	484	(2.6)	476	(2.6)	**9**	(2.2)
	Sweden	502	(2.4)	90	(1.4)	505	(2.7)	500	(3.0)	5	(2.9)
	Switzerland	530	(3.2)	97	(1.6)	536	(3.3)	523	(3.6)	**13**	(2.7)
	Turkey	424	(4.9)	93	(4.3)	427	(5.6)	421	(5.1)	6	(4.6)
	United Kingdom	495	(2.1)	89	(1.3)	504	(2.6)	487	(2.6)	**17**	(2.9)
	United States	474	(4.0)	90	(1.9)	479	(4.6)	470	(3.9)	**9**	(2.9)
	OECD total	484	(1.2)	98	(0.7)	489	(1.3)	478	(1.3)	**12**	(1.2)
	OECD average	498	(0.5)	92	(0.4)	503	(0.7)	492	(0.6)	**11**	(0.7)
Partners	Argentina	381	(6.2)	101	(3.5)	388	(6.5)	375	(7.2)	**13**	(5.6)
	Azerbaijan	476	(2.3)	48	(1.7)	475	(2.4)	477	(2.6)	-1	(2.0)
	Brazil	370	(2.9)	92	(2.7)	380	(3.4)	361	(3.0)	**19**	(2.8)
	Bulgaria	413	(6.1)	101	(3.6)	412	(6.7)	415	(6.5)	-4	(4.9)
	Chile	411	(4.6)	87	(2.2)	424	(5.5)	396	(4.7)	**28**	(4.8)
	Colombia	370	(3.8)	88	(2.5)	382	(4.1)	360	(5.0)	**22**	(4.6)
	Croatia	467	(2.4)	83	(1.5)	474	(3.2)	461	(2.8)	**13**	(3.8)
	Estonia	515	(2.7)	80	(1.5)	515	(3.3)	514	(3.0)	1	(3.2)
	Hong Kong-China	547	(2.7)	93	(2.4)	555	(3.9)	540	(3.7)	**16**	(5.5)
	Indonesia	391	(5.6)	80	(3.2)	399	(8.3)	382	(4.0)	**17**	(7.3)
	Israel	442	(4.3)	107	(3.3)	448	(6.6)	436	(4.3)	12	(6.9)
	Jordan	384	(3.3)	84	(2.0)	381	(5.3)	388	(3.9)	-7	(6.5)
	Kyrgyzstan	311	(3.4)	87	(2.1)	311	(4.0)	310	(3.4)	1	(2.9)
	Latvia	486	(3.0)	83	(1.6)	489	(3.5)	484	(3.2)	5	(3.0)
	Liechtenstein	525	(4.2)	93	(3.2)	525	(7.4)	525	(7.0)	0	(11.7)
	Lithuania	486	(2.9)	90	(1.8)	487	(3.3)	485	(3.3)	2	(3.0)
	Macao-China	525	(1.3)	84	(0.9)	530	(2.1)	520	(1.7)	**11**	(2.9)
	Montenegro	399	(1.4)	85	(1.0)	405	(2.3)	393	(1.9)	**12**	(3.3)
	Qatar	318	(1.0)	91	(0.8)	311	(1.6)	325	(1.3)	**-14**	(2.1)
	Romania	415	(4.2)	84	(2.9)	418	(4.2)	412	(4.9)	**7**	(3.3)
	Russian Federation	476	(3.9)	90	(1.7)	479	(4.6)	473	(3.9)	6	(3.3)
	Serbia	435	(3.5)	92	(1.8)	438	(4.0)	433	(4.4)	5	(4.5)
	Slovenia	504	(1.0)	89	(0.9)	507	(1.8)	502	(1.8)	5	(2.9)
	Chinese Taipei	549	(4.1)	103	(2.2)	556	(4.7)	543	(5.9)	**13**	(6.7)
	Thailand	417	(2.3)	81	(1.6)	413	(3.8)	420	(2.6)	-7	(4.2)
	Tunisia	365	(4.0)	92	(2.3)	373	(4.4)	358	(4.4)	**15**	(3.6)
	Uruguay	427	(2.6)	99	(1.8)	433	(3.6)	420	(3.1)	**13**	(4.2)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

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[Part 2/2]

Table 6.2c **Mean score, variation and gender differences in student performance on the mathematics scale**

Tableau 6.2c **Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle de culture mathématique**

		Percentiles											
		5th		10th		25th		75th		90th		95th	
		Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
OECD	Australia	375	(3.2)	406	(2.7)	460	(2.3)	581	(2.5)	633	(3.3)	663	(4.0)
	Austria	338	(6.8)	373	(6.3)	438	(5.5)	577	(4.0)	630	(3.8)	657	(4.0)
	Belgium	337	(8.9)	381	(6.6)	451	(4.0)	598	(2.5)	650	(2.4)	678	(2.7)
	Canada	383	(4.0)	416	(3.3)	470	(2.4)	587	(2.3)	635	(2.3)	664	(3.3)
	Czech Republic	340	(5.2)	376	(4.7)	441	(4.3)	582	(4.7)	644	(4.8)	677	(6.0)
	Denmark	371	(5.0)	404	(4.3)	456	(3.4)	572	(2.8)	621	(3.4)	649	(4.3)
	Finland	411	(5.0)	444	(3.4)	494	(2.6)	605	(2.6)	652	(2.8)	678	(3.0)
	France	334	(5.5)	369	(5.4)	429	(4.7)	565	(3.8)	617	(3.8)	646	(4.0)
	Germany	339	(8.5)	375	(6.8)	437	(4.9)	574	(3.9)	632	(3.8)	664	(4.6)
	Greece	304	(7.3)	341	(5.6)	399	(3.9)	522	(4.0)	575	(4.1)	607	(4.5)
	Hungary	343	(5.6)	377	(3.9)	431	(2.9)	551	(4.1)	609	(5.0)	643	(5.8)
	Iceland	357	(3.5)	391	(3.6)	446	(2.4)	567	(2.4)	618	(3.2)	646	(4.4)
	Ireland	366	(4.6)	396	(4.4)	445	(4.1)	559	(3.1)	608	(3.2)	634	(2.9)
	Italy	305	(4.4)	341	(3.3)	398	(2.7)	527	(2.8)	584	(4.2)	616	(3.8)
	Japan	370	(6.4)	404	(5.5)	463	(4.6)	587	(3.0)	638	(3.6)	668	(4.2)
	Korea	392	(7.1)	426	(6.1)	485	(4.3)	612	(4.4)	664	(6.9)	694	(8.2)
	Luxembourg	332	(4.4)	368	(3.5)	426	(1.9)	555	(1.9)	610	(2.7)	641	(3.6)
	Mexico	268	(6.6)	299	(4.9)	349	(3.7)	463	(2.8)	514	(3.3)	546	(4.2)
	Netherlands	382	(6.0)	412	(5.0)	467	(4.6)	596	(2.7)	645	(3.3)	672	(4.3)
	New Zealand	368	(3.6)	401	(4.1)	458	(3.2)	587	(3.0)	643	(4.0)	674	(3.6)
	Norway	339	(6.0)	373	(3.8)	428	(3.9)	552	(2.8)	609	(3.3)	638	(2.8)
	Poland	353	(3.3)	384	(3.4)	435	(2.8)	557	(3.3)	610	(3.7)	638	(3.5)
	Portugal	315	(6.5)	348	(5.2)	404	(4.2)	530	(3.0)	583	(2.8)	612	(3.8)
	Slovak Republic	333	(7.0)	370	(5.1)	433	(3.6)	558	(3.5)	611	(4.4)	640	(4.8)
	Spain	332	(4.4)	366	(2.8)	421	(3.2)	542	(2.5)	593	(2.9)	622	(3.3)
	Sweden	354	(5.6)	387	(4.2)	442	(3.5)	565	(3.2)	617	(2.8)	649	(4.2)
	Switzerland	362	(5.5)	401	(4.7)	464	(4.1)	600	(3.7)	652	(3.7)	682	(4.2)
	Turkey	287	(6.1)	316	(4.0)	360	(3.3)	477	(7.2)	550	(12.4)	595	(15.8)
	United Kingdom	351	(5.0)	381	(3.3)	434	(2.7)	557	(2.5)	612	(3.2)	643	(3.8)
	United States	328	(7.6)	358	(5.8)	411	(4.8)	537	(5.0)	593	(4.8)	625	(4.8)
	OECD total	323	(2.3)	357	(1.9)	416	(1.7)	553	(1.3)	612	(1.4)	644	(1.3)
	OECD average	346	(1.1)	379	(0.9)	436	(0.7)	561	(0.6)	615	(0.8)	645	(0.9)
Partners	Argentina	209	(11.2)	249	(9.8)	316	(7.9)	451	(6.9)	508	(7.6)	543	(9.2)
	Azerbaijan	403	(2.4)	419	(2.2)	443	(2.5)	505	(3.0)	536	(3.6)	556	(5.2)
	Brazil	225	(6.4)	255	(4.5)	308	(3.0)	427	(3.7)	487	(5.8)	530	(8.3)
	Bulgaria	251	(8.3)	287	(7.2)	345	(6.1)	481	(6.8)	543	(8.4)	583	(11.0)
	Chile	273	(5.6)	302	(4.3)	350	(4.4)	470	(5.1)	527	(6.6)	561	(7.7)
	Colombia	226	(8.4)	258	(5.6)	311	(4.9)	428	(4.6)	482	(3.8)	515	(6.1)
	Croatia	332	(4.3)	361	(3.3)	410	(3.0)	524	(3.3)	576	(3.6)	605	(3.8)
	Estonia	381	(5.9)	411	(4.3)	461	(3.5)	570	(3.3)	618	(3.2)	646	(4.1)
	Hong Kong-China	386	(6.1)	423	(6.4)	486	(4.5)	614	(3.1)	665	(3.5)	692	(4.8)
	Indonesia	265	(5.6)	293	(3.9)	336	(4.2)	444	(9.3)	498	(9.4)	528	(10.3)
	Israel	266	(11.2)	304	(6.9)	368	(5.4)	518	(4.7)	581	(5.0)	615	(4.7)
	Jordan	244	(5.7)	279	(4.3)	330	(3.4)	441	(3.9)	489	(5.0)	519	(5.8)
	Kyrgyzstan	175	(5.1)	204	(5.0)	253	(3.6)	363	(4.2)	423	(5.9)	465	(7.6)
	Latvia	347	(5.6)	378	(5.2)	432	(3.6)	542	(3.2)	590	(3.4)	619	(4.2)
	Liechtenstein	367	(9.7)	402	(11.1)	464	(10.0)	588	(5.2)	643	(9.5)	677	(10.6)
	Lithuania	338	(4.9)	369	(4.3)	426	(3.3)	549	(3.6)	602	(4.9)	632	(4.6)
	Macao-China	384	(3.6)	416	(3.1)	467	(2.1)	585	(2.0)	632	(2.4)	660	(3.3)
	Montenegro	261	(3.3)	291	(3.0)	342	(2.0)	456	(2.4)	510	(2.4)	543	(3.6)
	Qatar	187	(2.9)	212	(2.2)	257	(1.3)	368	(1.7)	438	(2.7)	486	(3.0)
	Romania	278	(6.5)	307	(7.4)	358	(5.5)	470	(4.9)	523	(7.1)	557	(7.7)
	Russian Federation	331	(5.4)	363	(4.8)	416	(4.2)	535	(5.1)	592	(5.3)	625	(5.5)
	Serbia	282	(6.2)	318	(5.0)	375	(4.4)	498	(3.8)	553	(3.9)	584	(4.4)
	Slovenia	361	(2.7)	390	(2.1)	441	(2.4)	566	(2.1)	623	(2.7)	654	(3.8)
	Chinese Taipei	373	(7.2)	409	(6.2)	477	(6.1)	625	(3.3)	677	(3.4)	707	(3.9)
	Thailand	289	(4.8)	317	(3.5)	362	(3.3)	470	(2.9)	524	(3.7)	558	(4.6)
	Tunisia	219	(4.9)	250	(3.9)	301	(3.7)	427	(5.5)	488	(7.8)	522	(7.7)
	Uruguay	261	(4.1)	296	(4.4)	360	(3.5)	495	(3.5)	551	(5.5)	587	(5.6)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

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[Part 1/3]

Table 6.3a Trends in reading since PISA 2000

Tableau 6.3a Évolution des performances en compréhension de l'écrit depuis PISA 2000

		Reading score in PISA 2006	Differences in reading performance between PISA 2003 and PISA 2000 (PISA 2003 – PISA 2000)							
			All students		Males		Females		Gender difference (M – F)	
			Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	513	-3	(6.7)	-7	(7.2)	-1	(7.6)	-6	(6.5)
	Austria	490	-1	(7.0)	-9	(7.9)	5	(7.8)	***-14***	(7.8)
	Belgium	501	0	(6.9)	-3	(7.8)	1	(8.0)	-4	(7.9)
	Canada	527	-6	(5.8)	-5	(6.0)	-6	(5.9)	1	(2.6)
	Czech Republic	483	-3	(6.8)	0	(7.9)	-6	(7.4)	6	(6.8)
	Denmark	494	-5	(6.5)	-6	(6.9)	-5	(6.7)	-1	(4.4)
	Finland	547	-3	(6.1)	1	(6.5)	-6	(6.3)	***7***	(3.7)
	France	488	-9	(6.5)	***-14***	(7.4)	-5	(6.8)	***-9***	(5.6)
	Germany	495	7	(6.8)	3	(7.5)	11	(7.6)	-7	(7.0)
	Greece	460	-2	(8.3)	-3	(9.5)	-2	(8.1)	0	(6.5)
	Hungary	482	2	(7.1)	3	(8.2)	2	(7.5)	1	(6.9)
	Iceland	484	**-15**	(5.7)	**-25**	(6.2)	-7	(6.1)	**-18**	(4.7)
	Ireland	517	***-11***	(6.7)	-12	(7.5)	-11	(7.4)	0	(6.4)
	Italy	469	***-12***	(6.8)	-14	(9.0)	***-13***	(7.2)	-1	(9.3)
	Japan	498	**-24**	(8.4)	**-21**	(10.2)	**-28**	(8.6)	7	(8.4)
	Korea	556	9	(6.6)	7	(7.5)	***14***	(7.8)	-7	(8.2)
	Luxembourg	479	m	m	m	m	m	m	m	m
	Mexico	410	**-22**	(7.5)	**-23**	(8.1)	**-22**	(8.0)	-1	(6.2)
	Netherlands	507	m	m	m	m	m	m	m	m
	New Zealand	521	-7	(6.5)	1	(7.4)	**-17**	(7.3)	**18**	(7.7)
	Norway	484	-6	(6.6)	-10	(7.3)	-4	(6.9)	-6	(5.5)
	Poland	508	**17**	(7.5)	***15***	(8.8)	**19**	(8.3)	-3	(7.9)
	Portugal	472	7	(7.9)	1	(8.4)	12	(8.0)	**-12**	(5.0)
	Slovak Republic	466	m	m	m	m	m	m	m	m
	Spain	461	***-12***	(6.5)	**-21**	(7.3)	-6	(6.5)	**-15**	(5.0)
	Sweden	507	-2	(6.2)	-3	(6.5)	-3	(6.5)	0	(4.2)
	Switzerland	499	5	(7.5)	2	(8.4)	7	(7.6)	-6	(6.3)
	Turkey	447	m	m	m	m	m	m	m	m
	United Kingdom	495	m	m	m	m	m	m	m	m
	United States	m	-9	(9.4)	-10	(10.6)	-7	(8.9)	-3	(5.3)
	OECD average	492	-4	(5.4)	-6	(5.4)	-3	(5.4)	-3	(5.4)
Partners	Argentina	374	m	m	m	m	m	m	m	m
	Brazil	393	7	(7.7)	-3	(8.8)	***15***	(7.5)	**-18**	(5.5)
	Bulgaria	402	m	m	m	m	m	m	m	m
	Chile	442	m	m	m	m	m	m	m	m
	Hong Kong-China	536	**-16**	(7.1)	**-24**	(8.9)	-8	(7.3)	***-16***	(8.2)
	Indonesia	393	11	(7.5)	9	(7.3)	13	(8.1)	-4	(4.4)
	Israel	439	m	m	m	m	m	m	m	m
	Latvia	479	**32**	(8.3)	**38**	(8.9)	**24**	(8.4)	**14**	(6.0)
	Liechtenstein	510	**42**	(7.6)	**48**	(11.6)	**34**	(10.8)	14	(16.6)
	Macao-China	492	m	m	m	m	m	m	m	m
	Romania	396	m	m	m	m	m	m	m	m
	Russian Federation	440	**-20**	(7.8)	***-15***	(8.4)	**-25**	(7.6)	**10**	(4.9)
	Thailand	417	-11	(6.8)	-10	(7.6)	-8	(6.8)	-2	(5.5)
	Tunisia	380	m	m	m	m	m	m	m	m
	Uruguay	413	m	m	m	m	m	m	m	m

Note: Differences that are statistically significant at the 95% confidence level are indicated in bold and at the 90% confidence level are indicated in bold italic (see Annex A3).

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[Part 2/3]

Table 6.3a Trends in reading since PISA 2000

Tableau 6.3a Évolution des performances en compréhension de l'écrit depuis PISA 2000

		Differences in reading performance between PISA 2006 and PISA 2000 (PISA 2006 – PISA 2000)							
		All students		Males		Females		Gender difference (M – F)	
		Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	**-15**	(6.4)	**-18**	(7.1)	**-14**	(7.2)	-3	(6.5)
	Austria	-2	(7.0)	-7	(7.9)	4	(8.4)	-11	(8.3)
	Belgium	-6	(6.8)	-10	(7.7)	-3	(7.8)	-7	(7.7)
	Canada	-7	(5.8)	-8	(6.0)	-8	(5.8)	0	(2.8)
	Czech Republic	-9	(6.9)	-10	(8.2)	-1	(7.7)	-8	(7.8)
	Denmark	-2	(6.4)	-6	(6.8)	-1	(6.7)	-5	(4.6)
	Finland	0	(6.0)	1	(6.4)	1	(6.2)	1	(3.9)
	France	**-17**	(7.0)	**-21**	(8.0)	**-14**	(6.9)	-6	(5.6)
	Germany	11	(7.1)	7	(7.9)	***14***	(7.7)	-7	(6.5)
	Greece	***-14***	(8.1)	**-24**	(9.7)	-5	(7.6)	**-20**	(7.5)
	Hungary	2	(7.2)	-1	(8.2)	7	(7.7)	-8	(7.1)
	Iceland	**-22**	(5.5)	**-28**	(6.1)	**-19**	(5.9)	***-9***	(4.6)
	Ireland	-9	(6.9)	-13	(7.9)	-8	(7.2)	-5	(6.7)
	Italy	**-19**	(6.3)	**-22**	(7.9)	**-18**	(6.7)	-3	(8.1)
	Japan	**-24**	(8.1)	**-25**	(10.0)	**-24**	(9.0)	-1	(10.0)
	Korea	**31**	(6.7)	**20**	(7.8)	**41**	(7.7)	**-21**	(8.4)
	Luxembourg	m	m	m	m	m	m	m	m
	Mexico	***-11***	(6.7)	**-18**	(7.4)	-5	(6.9)	**-13**	(5.0)
	Netherlands	m	m	m	m	m	m	m	m
	New Zealand	-8	(6.4)	-5	(7.4)	***-14***	(7.2)	8	(7.8)
	Norway	**-21**	(6.5)	**-24**	(7.3)	**-21**	(6.6)	-3	(5.2)
	Poland	**29**	(7.2)	**26**	(8.5)	**30**	(7.9)	-4	(7.6)
	Portugal	2	(7.6)	-2	(8.3)	6	(7.7)	-8	(5.3)
	Slovak Republic	m	m	m	m	m	m	m	m
	Spain	**-32**	(6.1)	**-38**	(6.5)	**-27**	(6.1)	**-11**	(3.8)
	Sweden	-9	(6.4)	-11	(6.9)	-8	(6.6)	-4	(4.2)
	Switzerland	5	(7.2)	4	(7.7)	5	(7.5)	-1	(4.9)
	Turkey	m	m	m	m	m	m	m	m
	United Kingdom	m	m	m	m	m	m	m	m
	United States	m	m	m	m	m	m	m	m
	OECD average	-6	(5.1)	***-10***	(5.1)	-3	(5.1)	-6	(5.0)
Partners	Argentina	**-45**	(13.2)	**-48**	(12.4)	**-38**	(15.2)	-10	(12.9)
	Brazil	-3	(7.0)	-12	(7.7)	3	(7.1)	**-15**	(5.0)
	Bulgaria	**-28**	(9.8)	**-34**	(10.3)	**-23**	(10.6)	-11	(8.4)
	Chile	**33**	(7.9)	**38**	(8.9)	**30**	(8.7)	8	(8.0)
	Hong Kong-China	***11***	(6.3)	3	(7.7)	**18**	(6.8)	**-16**	(7.6)
	Indonesia	**22**	(8.7)	**24**	(10.7)	**22**	(8.0)	2	(7.2)
	Israel	-14	(10.8)	***-26***	(13.6)	0	(10.5)	**-26**	(11.4)
	Latvia	**21**	(8.2)	**22**	(8.6)	**19**	(8.1)	3	(5.3)
	Liechtenstein	**28**	(7.6)	18	(11.7)	**31**	(10.6)	-14	(16.5)
	Macao-China	m	m	m	m	m	m	m	m
	Romania	**-32**	(7.7)	**-47**	(8.0)	**-17**	(8.3)	**-30**	(5.9)
	Russian Federation	**-22**	(7.8)	**-23**	(8.3)	**-23**	(7.7)	0	(4.3)
	Thailand	**-14**	(6.5)	**-21**	(7.5)	-8	(6.6)	**-13**	(6.0)
	Tunisia	m	m	m	m	m	m	m	m
	Uruguay	m	m	m	m	m	m	m	m

Note: Differences that are statistically significant at the 95% confidence level are indicated in bold and at the 90% confidence level are indicated in bold italic (see Annex A3).

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[Part 3/3]

Table 6.3a Trends in reading since PISA 2000

Tableau 6.3a Évolution des performances en compréhension de l'écrit depuis PISA 2000

		Differences in reading performance between PISA 2006 and PISA 2003 (PISA 2006 – PISA 2003)							
		All students		Males		Females		Gender difference (M – F)	
		Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	**-13**	(5.4)	***-11***	(6.1)	**-14**	(5.6)	2	(5.1)
	Austria	0	(7.1)	1	(8.0)	-1	(8.3)	3	(7.9)
	Belgium	-6	(6.0)	-7	(7.1)	-4	(6.6)	-3	(7.0)
	Canada	-1	(5.4)	-3	(5.7)	-2	(5.4)	0	(3.1)
	Czech Republic	-6	(7.0)	-10	(7.9)	4	(8.3)	***-14***	(7.9)
	Denmark	2	(6.2)	0	(6.6)	5	(6.4)	-4	(4.3)
	Finland	3	(5.2)	0	(5.7)	7	(5.4)	***-7***	(3.9)
	France	-8	(6.6)	-6	(7.8)	-10	(6.7)	3	(6.3)
	Germany	4	(7.1)	4	(8.1)	4	(7.4)	0	(6.0)
	Greece	***-13***	(7.3)	**-21**	(8.8)	-2	(6.9)	**-19**	(7.0)
	Hungary	1	(6.1)	-4	(6.6)	5	(6.7)	-9	(5.6)
	Iceland	-7	(5.1)	-3	(5.8)	**-13**	(5.5)	***9***	(4.8)
	Ireland	2	(6.3)	-1	(7.2)	4	(6.9)	-5	(6.7)
	Italy	-7	(5.9)	-8	(7.6)	-6	(6.3)	-2	(7.2)
	Japan	0	(7.0)	-4	(8.9)	4	(8.0)	-8	(9.4)
	Korea	**22**	(6.6)	***13***	(7.4)	**27**	(7.6)	***-14***	(8.1)
	Luxembourg	0	(4.9)	1	(5.6)	0	(5.3)	1	(4.6)
	Mexico	11	(6.8)	4	(7.3)	**17**	(7.0)	**-12**	(5.0)
	Netherlands	-6	(6.1)	-8	(6.9)	-5	(6.3)	-3	(5.2)
	New Zealand	-1	(5.9)	-6	(6.5)	4	(6.6)	-10	(6.3)
	Norway	**-15**	(6.2)	***-13***	(6.8)	**-17**	(6.5)	3	(5.0)
	Poland	***11***	(6.0)	11	(6.6)	***11***	(6.2)	-1	(4.7)
	Portugal	-5	(6.8)	-3	(7.6)	-7	(6.8)	4	(5.0)
	Slovak Republic	-3	(6.3)	-7	(7.2)	2	(6.8)	-9	(6.4)
	Spain	**-20**	(5.6)	**-17**	(6.4)	**-21**	(5.6)	4	(4.4)
	Sweden	-7	(6.1)	-8	(6.6)	-5	(6.4)	-4	(4.5)
	Switzerland	0	(6.3)	2	(7.0)	-2	(6.4)	5	(5.4)
	Turkey	6	(8.4)	1	(9.6)	12	(8.7)	-10	(7.3)
	United Kingdom	m	m	m	m	m	m	m	m
	United States	m	m	m	m	m	m	m	m
	OECD average	-2	(4.6)	-4	(4.6)	0	(4.6)	-4	(4.5)
Partners	Argentina	m	m	m	m	m	m	m	m
	Brazil	-10	(7.4)	-8	(8.5)	-11	(7.1)	3	(4.9)
	Bulgaria	m	m	m	m	m	m	m	m
	Chile	m	m	m	m	m	m	m	m
	Hong Kong-China	**27**	(6.3)	**26**	(7.8)	**26**	(6.4)	0	(7.1)
	Indonesia	11	(8.2)	15	(10.4)	9	(7.3)	6	(6.9)
	Israel	m	m	m	m	m	m	m	m
	Latvia	-11	(6.9)	**-17**	(7.7)	-5	(6.7)	**-11**	(5.3)
	Liechtenstein	**-15**	(6.9)	**-30**	(11.5)	-3	(10.1)	-27	(16.7)
	Macao-China	-5	(5.1)	***-11***	(6.0)	1	(5.5)	**-13**	(5.3)
	Romania	m	m	m	m	m	m	m	m
	Russian Federation	-2	(7.4)	-8	(8.1)	2	(7.2)	***-9***	(5.0)
	Thailand	-3	(5.9)	-11	(7.0)	1	(6.2)	***-12***	(6.2)
	Tunisia	6	(6.6)	-1	(7.2)	***11***	(6.8)	**-12**	(5.1)
	Uruguay	**-22**	(6.6)	**-25**	(7.7)	**-19**	(6.9)	-6	(6.8)

Note: Differences that are statistically significant at the 95% confidence level are indicated in bold and at the 90% confidence level are indicated in bold italic (see Annex A3).

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[Part 1/1]

Table 6.3b Trends in mathematics since PISA 2003

Tableau 6.3b Évolution des performances en mathématiques depuis PISA 2003

		Mathematics score in PISA 2006	Differences in mathematics performance between PISA 2006 and PISA 2003 (PISA 2006 – PISA 2003)							
			All students		Males		Females		Gender difference (M – F)	
			Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	520	-4	(3.4)	0	(4.6)	**-9**	(3.9)	***9***	(5.1)
	Austria	505	0	(5.2)	7	(6.1)	-8	(5.9)	**15**	(6.4)
	Belgium	520	**-9**	(4.0)	***-9***	(5.5)	***-9***	(4.9)	-1	(6.8)
	Canada	527	***-5***	(3.0)	***-7***	(3.4)	**-10**	(3.1)	3	(2.9)
	Czech Republic	510	-7	(5.2)	-9	(6.1)	-5	(6.7)	-4	(7.5)
	Denmark	513	-1	(4.0)	-5	(4.7)	2	(4.4)	-6	(4.2)
	Finland	548	4	(3.3)	6	(3.9)	2	(3.6)	4	(3.7)
	France	496	**-15**	(4.3)	**-16**	(5.5)	**-14**	(4.6)	-2	(5.6)
	Germany	504	1	(5.3)	5	(6.2)	-5	(5.7)	***11***	(5.7)
	Greece	459	**14**	(5.1)	7	(6.6)	**21**	(5.1)	**-15**	(5.8)
	Hungary	491	1	(4.3)	2	(5.0)	0	(5.1)	2	(5.6)
	Iceland	506	**-10**	(2.7)	-4	(3.7)	**-15**	(3.4)	**11**	(4.7)
	Ireland	501	-1	(4.0)	-3	(5.0)	0	(4.9)	-3	(5.9)
	Italy	462	-4	(4.1)	-5	(5.6)	-4	(4.9)	-1	(6.8)
	Japan	523	**-11**	(5.4)	-6	(7.6)	**-17**	(6.5)	11	(9.3)
	Korea	547	5	(5.2)	0	(7.0)	**14**	(7.2)	-14	(9.3)
	Luxembourg	490	-3	(2.0)	-4	(2.9)	-3	(2.8)	-1	(4.0)
	Mexico	406	**20**	(4.9)	**19**	(5.6)	**21**	(5.3)	-2	(4.7)
	Netherlands	531	***-7***	(4.3)	-3	(5.3)	**-11**	(4.7)	8	(5.1)
	New Zealand	522	-1	(3.6)	-3	(4.4)	1	(5.0)	-4	(6.1)
	Norway	490	-5	(3.8)	-5	(4.5)	-5	(4.3)	0	(4.5)
	Poland	495	5	(3.8)	7	(4.3)	3	(4.2)	3	(4.1)
	Portugal	466	0	(4.8)	1	(5.8)	-1	(4.9)	3	(4.6)
	Slovak Republic	492	-6	(4.6)	-8	(5.6)	-4	(5.2)	-4	(5.9)
	Spain	480	-5	(3.6)	-5	(4.5)	-5	(3.7)	0	(3.7)
	Sweden	502	***-7***	(3.8)	***-7***	(4.2)	-6	(4.5)	-1	(4.4)
	Switzerland	530	3	(4.8)	2	(6.0)	5	(5.3)	-3	(5.6)
	Turkey	424	1	(8.4)	-4	(9.8)	6	(8.5)	-9	(7.7)
	United Kingdom	495	m	m	m	m	m	m	m	m
	United States	474	***-9***	(5.2)	-7	(5.9)	***-10***	(5.2)	2	(4.1)
	OECD average	498	-2	(1.6)	-2	(1.7)	-2	(1.7)	0	(1.7)
Partners	Brazil	370	**13**	(5.8)	**15**	(7.1)	**12**	(5.5)	2	(4.9)
	Hong Kong-China	547	-3	(5.4)	3	(7.7)	-9	(6.1)	12	(8.6)
	Indonesia	391	**31**	(7.0)	**38**	(9.3)	**24**	(6.2)	***14***	(8.0)
	Latvia	486	3	(5.0)	4	(6.1)	2	(5.0)	2	(5.0)
	Liechtenstein	525	***-11***	(6.1)	**-25**	(10.4)	4	(9.5)	***-29***	(16.0)
	Macao-China	525	-2	(3.5)	-8	(5.4)	3	(3.9)	-10	(6.5)
	Russian Federation	476	7	(5.9)	5	(7.1)	10	(5.9)	-5	(5.5)
	Thailand	417	0	(4.0)	-1	(5.7)	1	(4.5)	-3	(6.0)
	Tunisia	365	7	(4.9)	9	(5.3)	5	(5.5)	3	(4.4)
	Uruguay	427	5	(4.4)	5	(5.5)	4	(5.1)	1	(5.9)

Note: Differences that are statistically significant at the 95% confidence level are indicated in bold and at the 90% confidence level are indicated in bold italic (see Annex A3).

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[Part 1/3]

Table 6.3c Differences in percentiles in reading between PISA 2000, PISA 2003 and PISA 2006

Tableau 6.3c Différences observées en compréhension de l'écrit entre centiles de PISA 2000, PISA 2003 et PISA 2006

		Differences observed in the percentiles in reading between PISA 2003 and PISA 2000 (PISA 2003 – PISA 2000)											
		5th		10th		25th		75th		90th		95th	
		Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	-2	(8.7)	1	(7.8)	6	(7.5)	-8	(7.5)	-12	(7.3)	***-13***	(7.6)
	Austria	-4	(11.0)	-5	(10.1)	-5	(8.0)	2	(7.6)	4	(7.5)	4	(8.2)
	Belgium	-8	(14.3)	1	(12.3)	3	(9.5)	0	(6.2)	2	(6.3)	3	(6.4)
	Canada	2	(7.2)	0	(6.6)	0	(6.1)	***-11***	(5.9)	**-16**	(6.0)	**-18**	(6.5)
	Czech Republic	0	(13.4)	-6	(10.0)	-6	(7.6)	-2	(7.2)	-3	(7.3)	-2	(7.5)
	Denmark	12	(10.5)	9	(8.6)	4	(7.4)	***-13***	(6.7)	**-16**	(6.6)	**-18**	(7.5)
	Finland	9	(9.3)	8	(8.0)	2	(6.5)	-9	(6.1)	***-12***	(6.4)	**-15**	(6.8)
	France	**-24**	(11.3)	-14	(10.2)	-8	(8.0)	-5	(6.5)	-5	(6.6)	-5	(7.2)
	Germany	11	(12.3)	5	(10.7)	2	(9.0)	9	(7.0)	4	(6.8)	2	(7.3)
	Greece	-17	(11.5)	-9	(11.7)	-3	(10.5)	3	(8.2)	5	(8.6)	6	(9.6)
	Hungary	3	(9.8)	7	(8.7)	8	(8.2)	-2	(7.7)	-1	(7.7)	-1	(9.1)
	Iceland	**-29**	(9.7)	**-21**	(8.0)	**-17**	(6.5)	**-12**	(6.1)	-9	(7.0)	-8	(7.4)
	Ireland	3	(11.0)	0	(9.5)	-8	(7.8)	**-16**	(7.0)	**-19**	(7.3)	**-22**	(7.1)
	Italy	**-36**	(13.2)	**-26**	(10.4)	**-17**	(8.0)	-5	(6.7)	-3	(6.3)	-1	(6.7)
	Japan	**-56**	(14.6)	**-52**	(12.9)	**-40**	(10.3)	-8	(7.8)	-1	(8.5)	3	(8.3)
	Korea	-9	(9.6)	-5	(8.7)	3	(7.3)	**16**	(6.6)	**26**	(7.3)	**30**	(8.0)
	Luxembourg	m	m	m	m	m	m	m	m	m	m	m	m
	Mexico	**-46**	(9.2)	**-37**	(8.4)	**-25**	(8.1)	***-15***	(8.4)	-14	(9.7)	-14	(9.9)
	Netherlands	m	m	m	m	m	m	m	m	m	m	m	m
	New Zealand	1	(11.0)	-1	(8.7)	-7	(7.6)	-10	(6.7)	-9	(7.5)	-11	(8.8)
	Norway	1	(10.0)	0	(8.9)	-6	(7.9)	-9	(6.9)	-6	(7.3)	-4	(8.0)
	Poland	**26**	(12.0)	**31**	(10.0)	**22**	(8.6)	12	(8.6)	13	(9.1)	15	(9.1)
	Portugal	11	(10.5)	14	(10.8)	15	(9.8)	2	(7.8)	0	(7.6)	-3	(7.7)
	Slovak Republic	m	m	m	m	m	m	m	m	m	m	m	m
	Spain	**-31**	(9.8)	**-25**	(8.8)	**-16**	(7.8)	-5	(6.5)	0	(6.5)	5	(6.8)
	Sweden	-5	(9.2)	-2	(7.9)	-3	(7.0)	0	(6.8)	1	(6.7)	3	(7.1)
	Switzerland	14	(9.6)	***18***	(9.7)	12	(8.9)	-2	(8.0)	-6	(8.6)	-8	(9.1)
	Turkey	m	m	m	m	m	m	m	m	m	m	m	m
	United Kingdom	m	m	m	m	m	m	m	m	m	m	m	m
	United States	-1	(14.4)	-2	(13.6)	-7	(11.1)	-9	(9.4)	-14	(9.1)	***-18***	(9.8)
	OECD average	-7	(5.7)	-5	(5.6)	-4	(5.5)	-4	(5.4)	-4	(5.4)	-4	(5.4)
Partners	Argentina	m	m	m	m	m	m	m	m	m	m	m	m
	Brazil	**-42**	(10.3)	**-32**	(10.2)	-11	(8.4)	**27**	(8.1)	**35**	(8.5)	**41**	(10.3)
	Bulgaria	m	m	m	m	m	m	m	m	m	m	m	m
	Chile	m	m	m	m	m	m	m	m	m	m	m	m
	Hong Kong-China	-14	(14.4)	-17	(11.2)	***-16***	(8.3)	**-15**	(6.6)	**-16**	(6.7)	**-17**	(7.2)
	Indonesia	4	(9.0)	5	(8.3)	11	(7.8)	11	(8.7)	14	(9.9)	17	(10.8)
	Israel	m	m	m	m	m	m	m	m	m	m	m	m
	Latvia	**52**	(12.7)	**50**	(11.1)	**41**	(10.0)	**24**	(8.2)	***16***	(9.1)	15	(9.6)
	Liechtenstein	**55**	(22.5)	**55**	(17.4)	**48**	(14.1)	**37**	(9.7)	**35**	(14.8)	**35**	(17.3)
	Macao-China	m	m	m	m	m	m	m	m	m	m	m	m
	Romania	m	m	m	m	m	m	m	m	m	m	m	m
	Russian Federation	**-24**	(11.1)	**-22**	(9.8)	**-19**	(9.1)	**-20**	(8.0)	**-21**	(8.2)	**-20**	(8.8)
	Thailand	-8	(8.7)	-11	(8.0)	**-15**	(7.3)	-11	(7.2)	-6	(8.4)	-5	(9.3)
	Tunisia	m	m	m	m	m	m	m	m	m	m	m	m
	Uruguay	m	m	m	m	m	m	m	m	m	m	m	m

Note: Differences that are statistically significant at the 95% confidence level are indicated in bold and at the 90% confidence level are indicated in bold italic (see Annex A3).

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[Part 2/3]

Table 6.3c **Differences in percentiles in reading between PISA 2000, PISA 2003 and PISA 2006**

Tableau 6.3c **Différences observées en compréhension de l'écrit entre centiles de PISA 2000, PISA 2003 et PISA 2006**

		Differences observed in the percentiles in reading between PISA 2006 and PISA 2000 (PISA 2006 – PISA 2000)											
		5th		10th		25th		75th		90th		95th	
		Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	-5	(7.7)	-6	(7.4)	-5	(7.1)	**-23**	(7.2)	**-27**	(7.1)	**-29**	(7.2)
	Austria	-19	(14.3)	-11	(12.1)	-8	(8.2)	6	(7.1)	8	(7.0)	10	(7.5)
	Belgium	-11	(15.2)	-7	(13.1)	-4	(9.5)	-6	(6.0)	-3	(6.0)	-2	(6.2)
	Canada	***-13***	(7.9)	-8	(6.8)	-4	(6.2)	-7	(5.8)	-8	(6.0)	-7	(6.8)
	Czech Republic	**-30**	(14.0)	**-32**	(9.9)	**-25**	(8.4)	6	(6.9)	12	(7.2)	***15***	(7.5)
	Denmark	13	(10.2)	11	(8.7)	4	(7.2)	-9	(6.4)	***-12***	(6.8)	-12	(8.0)
	Finland	**19**	(9.0)	12	(8.1)	2	(6.5)	-5	(6.0)	-5	(6.2)	-6	(6.7)
	France	**-47**	(12.6)	**-35**	(10.3)	**-23**	(9.1)	-7	(6.7)	-5	(7.0)	-7	(7.4)
	Germany	15	(14.4)	14	(11.4)	12	(9.0)	10	(6.8)	5	(6.8)	7	(7.0)
	Greece	**-33**	(15.0)	-21	(13.0)	-11	(10.3)	-12	(7.7)	-12	(8.3)	-12	(9.0)
	Hungary	-2	(11.8)	5	(8.9)	8	(8.7)	0	(7.6)	-3	(8.0)	-3	(8.8)
	Iceland	**-31**	(8.4)	**-28**	(7.4)	**-24**	(6.6)	**-20**	(6.1)	**-18**	(6.9)	**-15**	(7.3)
	Ireland	-3	(10.2)	-6	(9.8)	-11	(8.1)	-11	(7.3)	-8	(7.3)	-8	(7.4)
	Italy	**-55**	(11.5)	**-43**	(9.0)	**-26**	(7.4)	-6	(6.4)	-2	(6.4)	0	(6.5)
	Japan	**-49**	(14.2)	**-46**	(12.8)	**-38**	(10.5)	***-13***	(7.5)	-2	(7.6)	4	(7.6)
	Korea	-3	(12.1)	7	(10.4)	**21**	(7.5)	**44**	(6.6)	**55**	(7.2)	**59**	(7.7)
	Luxembourg	m	m	m	m	m	m	m	m	m	m	m	m
	Mexico	**-37**	(10.0)	**-26**	(8.6)	***-12***	(7.5)	-4	(7.4)	-5	(8.0)	-6	(8.5)
	Netherlands	m	m	m	m	m	m	m	m	m	m	m	m
	New Zealand	2	(10.6)	-1	(8.5)	-6	(7.8)	***-11***	(6.5)	-10	(7.2)	-10	(9.1)
	Norway	***-19***	(10.6)	**-18**	(9.2)	**-24**	(8.1)	**-21**	(6.4)	**-18**	(7.1)	**-17**	(7.7)
	Poland	**31**	(11.1)	**31**	(9.6)	**27**	(8.4)	**28**	(8.4)	**30**	(8.9)	**32**	(8.7)
	Portugal	-1	(11.0)	2	(10.2)	5	(9.7)	2	(7.6)	2	(7.5)	3	(7.8)
	Slovak Republic	m	m	m	m	m	m	m	m	m	m	m	m
	Spain	**-40**	(8.9)	**-36**	(8.2)	**-31**	(7.4)	**-30**	(6.1)	**-28**	(6.2)	**-26**	(6.4)
	Sweden	***-19***	(10.2)	-13	(8.5)	-11	(7.0)	-6	(6.7)	-2	(7.0)	1	(7.6)
	Switzerland	15	(9.8)	**18**	(9.1)	13	(8.2)	-1	(7.5)	-6	(8.2)	-9	(8.5)
	Turkey	m	m	m	m	m	m	m	m	m	m	m	m
	United Kingdom	m	m	m	m	m	m	m	m	m	m	m	m
	United States	m	m	m	m	m	m	m	m	m	m	m	m
	OECD average	**-13**	(5.4)	***-10***	(5.3)	-7	(5.1)	-4	(5.1)	-3	(5.1)	-2	(5.1)
Partners	Argentina	**-78**	(19.2)	**-61**	(16.5)	**-53**	(16.7)	**-31**	(12.4)	**-27**	(12.9)	**-28**	(12.7)
	Brazil	**-31**	(12.3)	**-24**	(9.0)	***-13***	(7.4)	8	(7.2)	***16***	(8.4)	**23**	(10.1)
	Bulgaria	**-48**	(14.6)	**-44**	(12.2)	**-40**	(11.4)	-16	(11.2)	-6	(11.8)	-5	(13.3)
	Chile	15	(11.3)	**18**	(9.3)	**23**	(8.5)	**41**	(9.0)	**51**	(9.2)	**54**	(9.5)
	Hong Kong-China	***21***	(12.1)	13	(10.6)	8	(7.2)	10	(6.2)	***12***	(6.4)	**14**	(6.9)
	Indonesia	**20**	(8.7)	**21**	(8.1)	**21**	(8.5)	***22***	(11.3)	**26**	(12.1)	**29**	(12.3)
	Israel	-22	(19.5)	-25	(16.1)	***-23***	(13.6)	-7	(10.6)	1	(10.0)	8	(10.6)
	Latvia	**43**	(12.8)	**39**	(11.0)	**29**	(9.8)	13	(8.4)	7	(8.6)	5	(9.5)
	Liechtenstein	27	(21.7)	***30***	(16.6)	**33**	(14.5)	**26**	(10.0)	22	(13.6)	**32**	(15.0)
	Macao-China	m	m	m	m	m	m	m	m	m	m	m	m
	Romania	-17	(11.9)	***-21***	(10.7)	**-24**	(11.3)	**-37**	(8.0)	**-47**	(8.3)	**-51**	(8.8)
	Russian Federation	**-25**	(11.2)	**-24**	(9.5)	**-23**	(9.1)	**-21**	(7.9)	**-23**	(7.5)	**-23**	(8.8)
	Thailand	**-21**	(9.1)	**-20**	(7.9)	**-18**	(7.2)	-10	(6.6)	-4	(7.7)	-5	(8.3)
	Tunisia	m	m	m	m	m	m	m	m	m	m	m	m
	Uruguay	m	m	m	m	m	m	m	m	m	m	m	m

Note: Differences that are statistically significant at the 95% confidence level are indicated in bold and at the 90% confidence level are indicated in bold italic (see Annex A3).

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[Part 3/3]

Table 6.3c Differences in percentiles in reading between PISA 2000, PISA 2003 and PISA 2006

Tableau 6.3c Différences observées en compréhension de l'écrit entre centiles de PISA 2000, PISA 2003 et PISA 2006

		Differences observed in the percentiles in reading between PISA 2006 and PISA 2003 (PISA 2006 – PISA 2003)											
		5th		10th		25th		75th		90th		95th	
		Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	-3	(7.4)	-6	(6.7)	***-11***	(5.9)	**-15**	(5.6)	**-16**	(6.0)	**-17**	(6.0)
	Austria	-15	(14.8)	-6	(12.2)	-3	(8.7)	3	(7.2)	4	(6.6)	5	(7.5)
	Belgium	-3	(13.9)	-7	(11.5)	-7	(7.7)	-6	(5.5)	-4	(5.4)	-5	(5.9)
	Canada	**-15**	(7.2)	-8	(6.7)	-4	(5.9)	3	(5.6)	8	(5.6)	***11***	(6.4)
	Czech Republic	**-31**	(14.8)	**-26**	(10.8)	**-20**	(9.0)	8	(7.1)	**15**	(7.2)	**17**	(7.4)
	Denmark	1	(10.2)	2	(8.1)	0	(7.2)	3	(6.1)	4	(6.4)	6	(7.8)
	Finland	10	(8.1)	4	(6.7)	0	(5.9)	4	(5.3)	7	(5.6)	9	(5.8)
	France	***-23***	(13.2)	***-21***	(11.2)	***-15***	(8.6)	-2	(6.5)	0	(6.6)	-2	(6.9)
	Germany	4	(12.2)	9	(11.4)	10	(9.3)	1	(6.6)	1	(6.6)	5	(7.0)
	Greece	-16	(13.9)	-12	(11.5)	-8	(8.6)	**-15**	(7.3)	**-17**	(7.5)	**-18**	(8.4)
	Hungary	-6	(11.8)	-2	(7.9)	0	(7.3)	3	(6.6)	-2	(7.1)	-1	(8.1)
	Iceland	-2	(9.1)	-7	(7.7)	-7	(5.9)	-8	(5.7)	-9	(6.2)	-7	(6.9)
	Ireland	-6	(10.7)	-6	(8.5)	-3	(7.5)	5	(6.6)	11	(6.4)	***14***	(7.0)
	Italy	***-19***	(11.4)	***-17***	(9.4)	-9	(7.2)	-1	(5.6)	1	(5.7)	0	(5.9)
	Japan	7	(10.9)	6	(10.3)	2	(9.3)	-5	(6.7)	-1	(7.4)	2	(7.5)
	Korea	6	(12.3)	12	(10.5)	**19**	(7.7)	**27**	(6.3)	**29**	(7.5)	**28**	(8.4)
	Luxembourg	0	(7.8)	1	(6.3)	0	(5.7)	0	(5.2)	1	(5.5)	3	(5.9)
	Mexico	9	(10.6)	11	(9.4)	13	(7.9)	***11***	(6.8)	9	(8.2)	7	(7.7)
	Netherlands	**-37**	(12.7)	**-22**	(9.4)	-8	(7.7)	2	(6.0)	2	(5.8)	4	(7.0)
	New Zealand	1	(9.6)	0	(7.8)	0	(7.3)	-1	(6.0)	-1	(6.0)	1	(7.2)
	Norway	***-20***	(10.5)	**-18**	(8.5)	**-18**	(7.5)	***-12***	(6.5)	-12	(7.2)	***-13***	(7.0)
	Poland	4	(9.1)	0	(8.1)	5	(6.7)	**16**	(6.3)	**17**	(6.6)	**18**	(7.5)
	Portugal	-12	(11.0)	-12	(10.5)	-10	(8.7)	-1	(6.7)	2	(6.8)	6	(7.5)
	Slovak Republic	**-29**	(10.1)	**-21**	(9.9)	-10	(7.7)	6	(6.5)	10	(6.6)	**15**	(6.5)
	Spain	-9	(8.6)	-10	(7.8)	**-15**	(6.3)	**-25**	(5.8)	**-28**	(5.9)	**-31**	(6.1)
	Sweden	-14	(10.7)	-11	(8.3)	-8	(6.8)	-6	(6.3)	-3	(6.7)	-2	(7.6)
	Switzerland	1	(9.8)	0	(8.8)	1	(7.2)	1	(6.6)	0	(7.0)	-1	(8.0)
	Turkey	0	(9.7)	6	(9.4)	11	(8.5)	10	(9.5)	2	(13.9)	-14	(21.4)
	United Kingdom	m	m	m	m	m	m	m	m	m	m	m	m
	United States	m	m	m	m	m	m	m	m	m	m	m	m
	OECD average	***-8***	(4.8)	-6	(4.7)	-4	(4.6)	0	(4.6)	1	(4.6)	1	(4.6)
Partners	Argentina	m	m	m	m	m	m	m	m	m	m	m	m
	Brazil	11	(13.2)	8	(10.6)	-2	(8.3)	**-19**	(7.9)	**-20**	(8.7)	***-19***	(10.7)
	Bulgaria	m	m	m	m	m	m	m	m	m	m	m	m
	Chile	m	m	m	m	m	m	m	m	m	m	m	m
	Hong Kong-China	**35**	(12.5)	**30**	(9.9)	**23**	(7.7)	**25**	(5.8)	**28**	(6.1)	**30**	(4.1)
	Indonesia	***16***	(8.7)	**16**	(8.3)	10	(7.9)	11	(10.3)	13	(10.7)	12	(10.5)
	Israel	m	m	m	m	m	m	m	m	m	m	m	m
	Latvia	-9	(10.3)	-11	(8.8)	-12	(8.2)	-11	(7.1)	-10	(7.6)	-10	(6.7)
	Liechtenstein	-28	(21.0)	-25	(16.4)	-15	(14.2)	-11	(9.8)	-13	(16.4)	-3	(18.3)
	Macao-China	**-22**	(8.8)	**-15**	(7.2)	-10	(6.0)	1	(6.5)	4	(6.1)	***8***	(4.9)
	Romania	m	m	m	m	m	m	m	m	m	m	m	m
	Russian Federation	0	(11.0)	-2	(9.6)	-4	(9.1)	-1	(7.2)	-2	(7.3)	-2	(6.8)
	Thailand	-13	(8.9)	-10	(6.8)	-3	(6.4)	1	(6.4)	2	(7.4)	0	(6.4)
	Tunisia	1	(9.8)	2	(8.0)	5	(7.0)	9	(7.6)	6	(8.1)	2	(8.8)
	Uruguay	***-20***	(10.7)	**-19**	(9.4)	**-22**	(8.1)	**-21**	(7.3)	**-23**	(7.7)	**-25**	(8.3)

Note: Differences that are statistically significant at the 95% confidence level are indicated in bold and at the 90% confidence level are indicated in bold italic (see Annex A3).

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[Part 1/1]

Table 6.3d **Differences in percentiles in mathematics between PISA 2003 and PISA 2006**

Tableau 6.3d **Différences observées en culture mathématique entre centiles de PISA 2003 et PISA 2006**

		Differences observed in the percentiles in mathematics between PISA 2006 and PISA 2003 (PISA 2006 – PISA 2003)											
		5th		10th		25th		75th		90th		95th	
		Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	***11***	(5.7)	***8***	(4.6)	0	(3.8)	**-11**	(3.8)	**-12**	(4.7)	**-12**	(5.5)
	Austria	-15	(9.6)	-12	(7.8)	-2	(6.9)	5	(5.9)	3	(5.6)	-1	(6.5)
	Belgium	3	(11.2)	0	(8.2)	-6	(5.4)	**-13**	(3.8)	**-14**	(3.6)	**-16**	(3.8)
	Canada	-3	(5.2)	-4	(4.4)	-4	(3.6)	***-7***	(3.4)	**-9**	(3.7)	***-8***	(4.9)
	Czech Republic	**-18**	(8.2)	**-15**	(7.5)	-9	(6.4)	-2	(6.3)	3	(6.6)	5	(7.8)
	Denmark	10	(6.8)	8	(6.4)	3	(5.2)	-7	(4.4)	***-10***	(5.2)	**-13.1**	(6.5)
	Finland	5	(6.4)	6	(4.6)	6	(3.6)	3	(3.7)	0	(4.2)	-2	(4.6)
	France	**-19**	(8.2)	**-20**	(7.9)	**-20**	(6.1)	**-10**	(5.0)	***-10***	(5.4)	***-10***	(5.5)
	Germany	15	(10.5)	12	(8.9)	5	(6.9)	-5	(5.4)	0	(5.4)	2	(6.1)
	Greece	***16***	(9.2)	**17**	(7.7)	**17**	(6.2)	**14**	(6.0)	9	(6.8)	9	(7.0)
	Hungary	8	(8.1)	7	(5.9)	5	(4.4)	-5	(5.8)	-2	(7.0)	-1	(7.5)
	Iceland	-5	(5.5)	-5	(4.7)	**-8**	(4.0)	**-11**	(3.4)	**-11**	(4.6)	**-12**	(6.0)
	Ireland	6	(6.7)	3	(5.6)	0	(5.5)	-3	(4.5)	-6	(5.0)	-7	(4.6)
	Italy	-2	(7.9)	-1	(6.9)	-2	(5.3)	-3	(4.4)	-5	(5.7)	-7	(5.5)
	Japan	9	(10.5)	2	(8.5)	-5	(7.2)	**-18**	(5.5)	**-22**	(7.2)	**-23**	(7.9)
	Korea	5	(8.5)	4	(7.7)	6	(5.8)	6	(6.2)	5	(8.9)	4	(10.7)
	Luxembourg	-7	(6.0)	-4	(4.6)	-4	(3.2)	-2	(3.0)	-2	(4.4)	-1	(4.7)
	Mexico	**20**	(8.6)	**23**	(7.0)	**22**	(5.9)	**19**	(5.5)	**17**	(5.9)	**19**	(7.1)
	Netherlands	-3	(9.2)	-3	(7.8)	-4	(7.3)	**-12**	(4.9)	**-12**	(4.8)	**-12**	(5.7)
	New Zealand	9	(5.6)	6	(5.8)	3	(4.6)	-6	(4.0)	-7	(5.3)	***-9***	(4.8)
	Norway	-4	(7.3)	-3	(5.3)	-5	(5.0)	***-8***	(4.6)	-5	(5.0)	-6	(5.0)
	Poland	9	(6.8)	8	(5.1)	7	(4.4)	4	(4.6)	2	(5.2)	-2	(5.2)
	Portugal	-6	(9.1)	-3	(7.5)	-2	(6.6)	4	(4.8)	3	(4.5)	2	(5.5)
	Slovak Republic	-10	(9.9)	-8	(7.9)	-3	(6.0)	-7	(5.3)	-8	(5.8)	-8	(6.4)
	Spain	-3	(6.9)	-3	(4.7)	-5	(4.6)	-5	(4.3)	-5	(4.7)	-4	(5.2)
	Sweden	1	(7.8)	0	(6.2)	-4	(4.8)	**-11**	(4.7)	**-13**	(4.9)	**-13**	(6.5)
	Switzerland	3	(7.5)	5	(6.4)	4	(5.6)	5	(6.3)	-1	(6.6)	-2	(8.1)
	Turkey	**17**	(8.5)	**16**	(6.6)	9	(6.3)	-8	(11.2)	-10	(19.0)	-19	(27.7)
	United Kingdom	m	m	m	m	m	m	m	m	m	m	m	m
	United States	5	(9.1)	2	(7.5)	-7	(6.2)	**-12**	(6.2)	**-15**	(6.3)	***-13***	(7.2)
	OECD average	2	(2.0)	2	(1.8)	0	(1.7)	**-4**	(1.7)	**-5**	(1.8)	**-5**	(2.0)
Partners	Brazil	**23**	(8.8)	**22**	(7.1)	**22**	(5.7)	8	(7.4)	-1	(11.2)	2	(14.1)
	Hong Kong-China	12	(12.7)	6	(10.4)	1	(8.4)	-8	(5.0)	-7	(5.5)	-8	(6.4)
	Indonesia	**32**	(7.8)	**32**	(6.4)	**30**	(5.6)	**32**	(10.5)	**32**	(11.5)	**29**	(12.9)
	Latvia	8	(8.2)	8	(7.4)	8	(5.5)	-2	(5.9)	-6	(5.7)	-7	(6.7)
	Liechtenstein	5	(22.0)	-6	(14.9)	-5	(12.6)	**-20**	(9.6)	-12	(13.5)	-10	(19.6)
	Macao-China	2	(9.6)	1	(6.9)	0	(5.1)	-2	(4.7)	-7	(6.2)	-8	(9.0)
	Russian Federation	***13***	(7.8)	***12***	(7.0)	10	(6.6)	5	(7.2)	4	(7.6)	3	(8.3)
	Thailand	-1	(6.4)	1	(4.9)	2	(4.6)	0	(4.9)	-2	(6.1)	-2	(8.0)
	Tunisia	-9	(6.3)	-6	(5.4)	-2	(4.7)	**16**	(6.7)	**22**	(9.2)	**21**	(10.3)
	Uruguay	6	(6.1)	5	(6.0)	7	(5.5)	5	(5.3)	1	(7.1)	4	(7.4)

Note: Differences that are statistically significant at the 95% confidence level are indicated in bold and at the 90% confidence level are indicated in bold italic (see Annex A3).

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[Part 1/1]

Table 6.4a Effect of the highest level of parents' education on student performance in science since PISA 2000

Tableau 6.4a Évolution de l'effet du niveau de formation le plus élevé des deux parents sur la performance des élèves en sciences depuis PISA 2000

		PISA 2000						PISA 2003						PISA 2006					
		Intercept		Standardised regression coefficient		Variance explained		Intercept		Standardised regression coefficient		Variance explained		Intercept		Standardised regression coefficient		Variance explained	
		Score	S.E.	Score	S.E.	%	S.E.	Score	S.E.	Score	S.E.	%	S.E.	Score	S.E.	Score	S.E.	%	S.E.
OECD	Australia	529	(3.1)	23	(2.6)	6	(1.13)	527	(1.9)	22	(2.1)	5	(0.74)	529	(1.9)	24	(1.2)	6	(0.57)
	Austria	507	(3.0)	27	(2.6)	8	(1.47)	493	(2.9)	24	(2.3)	6	(1.19)	512	(3.6)	24	(3.0)	6	(1.71)
	Belgium	501	(3.7)	24	(2.1)	5	(1.04)	518	(2.1)	30	(1.7)	8	(0.92)	515	(2.2)	30	(1.6)	9	(1.03)
	Canada	531	(1.4)	19	(1.0)	5	(0.46)	524	(1.7)	19	(1.2)	4	(0.43)	537	(1.8)	19	(1.2)	4	(0.49)
	Czech Republic	513	(2.1)	32	(2.3)	11	(1.90)	529	(2.7)	32	(2.0)	10	(1.28)	514	(3.4)	21	(2.0)	5	(0.86)
	Denmark	484	(2.5)	36	(2.4)	12	(1.54)	478	(2.5)	26	(2.1)	7	(0.98)	498	(2.7)	25	(1.9)	7	(1.16)
	Finland	539	(2.5)	15	(2.1)	3	(0.85)	549	(1.9)	15	(1.5)	3	(0.55)	564	(1.9)	17	(1.4)	4	(0.62)
	France	504	(2.9)	27	(2.6)	7	(1.40)	515	(2.7)	31	(2.5)	8	(1.22)	500	(2.9)	30	(2.4)	9	(1.35)
	Germany	494	(2.4)	37	(2.5)	13	(2.04)	516	(3.2)	39	(2.1)	14	(1.35)	520	(3.2)	30	(1.8)	9	(1.07)
	Greece	461	(4.7)	21	(2.9)	5	(1.21)	481	(3.3)	23	(2.4)	5	(0.99)	474	(2.9)	28	(2.1)	10	(1.35)
	Hungary	497	(3.4)	43	(3.0)	18	(2.03)	504	(2.4)	37	(2.1)	15	(1.43)	505	(2.3)	36	(1.7)	17	(1.53)
	Iceland	498	(2.2)	17	(2.2)	4	(0.94)	496	(1.4)	18	(1.7)	4	(0.72)	493	(1.7)	23	(1.6)	6	(0.78)
	Ireland	514	(2.9)	20	(2.5)	5	(1.18)	506	(2.3)	23	(2.0)	6	(1.10)	510	(2.8)	25	(1.8)	7	(0.99)
	Italy	479	(2.9)	23	(2.8)	6	(1.27)	487	(2.9)	28	(2.4)	7	(1.04)	476	(1.9)	21	(1.4)	5	(0.62)
	Japan	m	m	m	m	m	m	548	(4.0)	25	(3.9)	5	(1.36)	533	(3.1)	28	(2.0)	8	(1.06)
	Korea	552	(2.5)	17	(2.2)	4	(1.12)	539	(3.5)	22	(2.4)	5	(0.98)	523	(3.1)	19	(2.5)	4	(1.04)
	Luxembourg	m	m	m	m	m	m	488	(1.7)	29	(1.7)	8	(0.92)	489	(1.2)	35	(1.4)	13	(0.96)
	Mexico	422	(2.7)	26	(2.8)	12	(2.27)	405	(2.9)	25	(2.3)	8	(1.28)	410	(2.3)	27	(1.8)	11	(1.39)
	Netherlands	m	m	m	m	m	m	531	(3.0)	24	(2.1)	6	(1.14)	526	(2.5)	25	(2.0)	7	(1.08)
	New Zealand	534	(2.5)	21	(2.3)	5	(0.97)	528	(2.2)	24	(1.8)	5	(0.82)	537	(2.5)	26	(1.6)	6	(0.72)
	Norway	503	(2.8)	20	(2.3)	5	(1.18)	487	(2.8)	19	(1.6)	3	(0.60)	490	(2.7)	15	(1.8)	3	(0.63)
	Poland	487	(4.6)	29	(3.4)	10	(2.00)	498	(2.5)	32	(2.0)	10	(1.05)	499	(2.0)	31	(1.5)	12	(1.06)
	Portugal	461	(3.6)	22	(3.0)	6	(1.64)	469	(3.0)	25	(2.0)	7	(1.08)	475	(2.7)	27	(1.8)	9	(1.18)
	Slovak Republic	m	m	m	m	m	m	495	(3.0)	34	(3.6)	11	(1.91)	489	(2.3)	32	(2.2)	12	(1.54)
	Spain	493	(2.4)	31	(2.4)	11	(1.55)	489	(2.2)	27	(2.0)	7	(0.99)	490	(2.1)	27	(1.5)	9	(0.97)
	Sweden	514	(2.4)	14	(1.9)	2	(0.62)	509	(2.5)	21	(1.7)	4	(0.66)	506	(2.3)	17	(1.4)	3	(0.56)
	Switzerland	497	(3.9)	35	(2.5)	12	(1.55)	515	(3.2)	34	(1.9)	10	(1.00)	513	(2.8)	31	(1.5)	10	(0.92)
	Turkey	m	m	m	m	m	m	435	(4.6)	36	(4.7)	14	(2.80)	424	(3.3)	26	(3.7)	10	(2.40)
	United Kingdom	m	m	m	m	m	m	m	m	m	m	m	m	523	(2.0)	21	(1.6)	4	(0.70)
	United States	504	(5.5)	33	(3.4)	11	(2.48)	493	(2.7)	23	(1.8)	5	(0.90)	490	(3.7)	32	(2.2)	9	(1.16)
	OECD average	501	(0.6)	25	(0.5)	8	(0.31)	502	(0.5)	26	(0.4)	7	(0.22)	502	(0.5)	26	(0.4)	8	(0.20)
Partners	Argentina	398	(6.4)	31	(4.1)	8	(2.13)	m	m	m	m	m	m	392	(5.1)	33	(2.6)	10	(1.48)
	Azerbaijan	m	m	m	m	m	m	m	m	m	m	m	m	383	(2.8)	11	(1.6)	4	(1.14)
	Brazil	376	(3.1)	26	(3.0)	8	(1.75)	391	(4.0)	17	(2.5)	3	(0.86)	391	(2.6)	25	(2.2)	8	(1.15)
	Bulgaria	451	(3.9)	31	(3.0)	11	(2.03)	m	m	m	m	m	m	435	(5.1)	38	(3.5)	12	(2.02)
	Chile	415	(3.0)	29	(2.2)	10	(1.34)	m	m	m	m	m	m	439	(3.1)	36	(2.0)	15	(1.49)
	Colombia	m	m	m	m	m	m	m	m	m	m	m	m	388	(3.2)	20	(2.0)	6	(1.13)
	Croatia	m	m	m	m	m	m	m	m	m	m	m	m	493	(2.4)	18	(1.5)	5	(0.73)
	Estonia	m	m	m	m	m	m	m	m	m	m	m	m	532	(2.4)	13	(1.7)	2	(0.62)
	Hong Kong-China	541	(2.8)	21	(2.3)	6	(1.36)	541	(4.1)	13	(2.0)	2	(0.61)	542	(2.4)	19	(1.8)	5	(0.88)
	Indonesia	395	(3.5)	13	(2.9)	3	(1.41)	395	(3.1)	11	(2.1)	3	(0.89)	393	(5.2)	17	(2.4)	6	(1.42)
	Israel	441	(8.2)	39	(4.2)	10	(2.01)	m	m	m	m	m	m	458	(3.6)	24	(2.0)	5	(0.60)
	Jordan	m	m	m	m	m	m	m	m	m	m	m	m	423	(2.5)	25	(1.9)	8	(1.07)
	Kyrgyzstan	m	m	m	m	m	m	m	m	m	m	m	m	323	(2.8)	12	(2.0)	2	(0.63)
	Latvia	462	(5.4)	18	(3.3)	3	(1.24)	490	(3.9)	10	(2.2)	1	(0.54)	490	(2.8)	14	(1.8)	3	(0.69)
	Liechtenstein	478	(7.2)	27	(7.6)	8	(5.20)	527	(4.5)	33	(5.2)	10	(3.26)	525	(4.0)	35	(5.3)	14	(4.03)
	Lithuania	m	m	m	m	m	m	m	m	m	m	m	m	489	(2.5)	23	(2.0)	6	(0.96)
	Macao-China	m	m	m	m	m	m	525	(3.0)	8	(3.0)	1	(0.65)	511	(1.1)	9	(1.4)	1	(0.44)
	Montenegro	m	m	m	m	m	m	m	m	m	m	m	m	412	(1.1)	15	(1.3)	4	(0.63)
	Qatar	m	m	m	m	m	m	m	m	m	m	m	m	351	(0.8)	13	(1.0)	2	(0.35)
	Romania	443	(3.5)	15	(3.3)	3	(1.12)	m	m	m	m	m	m	418	(4.1)	17	(3.2)	4	(1.71)
	Russian Federation	461	(4.6)	16	(2.3)	3	(0.73)	490	(3.8)	20	(2.0)	4	(0.79)	480	(3.5)	16	(2.0)	3	(0.72)
	Serbia	m	m	m	m	m	m	m	m	m	m	m	m	436	(2.8)	19	(1.7)	5	(0.81)
	Slovenia	m	m	m	m	m	m	m	m	m	m	m	m	519	(1.1)	32	(1.5)	11	(1.08)
	Chinese Taipei	m	m	m	m	m	m	m	m	m	m	m	m	533	(3.1)	29	(1.6)	9	(1.00)
	Thailand	437	(2.8)	19	(2.7)	6	(1.69)	429	(2.5)	24	(2.2)	8	(1.46)	421	(1.9)	24	(2.1)	10	(1.74)
	Tunisia	m	m	m	m	m	m	385	(2.5)	15	(2.8)	3	(1.06)	386	(2.7)	16	(2.8)	4	(1.26)
	Uruguay	m	m	m	m	m	m	439	(2.7)	27	(2.2)	6	(0.90)	429	(2.6)	31	(1.6)	11	(0.99)

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[Part 1/1]

Table 6.4b Effect of the highest level of parents' education on student performance in reading since PISA 2000

Tableau 6.4b Évolution de l'effet du niveau de formation le plus élevé des deux parents sur la performance des élèves en compréhension de l'écrit depuis PISA 2000

		PISA 2000						PISA 2003						PISA 2006					
		Intercept		Standardised regression coefficient		Variance explained		Intercept		Standardised regression coefficient		Variance explained		Intercept		Standardised regression coefficient		Variance explained	
		Score	S.E.	Score	S.E.	%	S.E.	Score	S.E.	Score	S.E.	%	S.E.	Score	S.E.	Score	S.E.	%	S.E.
OECD	Australia	530	(3.1)	27	(2.3)	7	(1.04)	528	(1.9)	20	(1.9)	4	(0.67)	515	(1.8)	23	(1.1)	6	(0.54)
	Austria	496	(2.8)	30	(2.0)	9	(1.13)	494	(3.1)	26	(2.3)	7	(1.23)	491	(3.8)	21	(3.8)	4	(1.48)
	Belgium	512	(3.2)	24	(2.2)	5	(1.15)	518	(2.3)	28	(1.8)	7	(0.92)	506	(2.9)	29	(2.0)	7	(0.97)
	Canada	536	(1.4)	20	(1.0)	5	(0.39)	532	(1.5)	14	(1.0)	3	(0.35)	529	(2.2)	19	(1.3)	4	(0.53)
	Czech Republic	493	(1.9)	35	(2.6)	14	(2.39)	497	(2.4)	26	(1.9)	9	(1.23)	484	(4.0)	18	(2.8)	3	(0.81)
	Denmark	500	(2.0)	35	(1.6)	13	(1.19)	495	(2.4)	24	(1.8)	7	(1.01)	496	(2.9)	21	(1.9)	6	(0.98)
	Finland	548	(2.5)	17	(1.5)	3	(0.59)	544	(1.6)	15	(1.3)	4	(0.58)	548	(2.0)	16	(1.4)	4	(0.63)
	France	508	(2.4)	22	(1.6)	6	(0.90)	500	(2.3)	26	(2.4)	8	(1.31)	493	(3.7)	25	(2.5)	6	(1.20)
	Germany	492	(2.2)	37	(3.3)	12	(1.95)	506	(3.0)	34	(2.1)	11	(1.31)	501	(3.8)	30	(2.0)	8	(1.05)
	Greece	475	(4.7)	23	(2.6)	6	(1.17)	472	(3.6)	22	(2.4)	4	(0.91)	460	(3.7)	25	(2.6)	6	(1.16)
	Hungary	481	(3.1)	40	(2.3)	18	(1.89)	482	(2.1)	34	(2.0)	14	(1.50)	483	(2.9)	35	(2.0)	14	(1.40)
	Iceland	510	(1.5)	19	(1.6)	4	(0.72)	493	(1.6)	13	(1.8)	2	(0.54)	487	(2.0)	21	(1.8)	5	(0.77)
	Ireland	528	(2.9)	17	(2.0)	3	(0.78)	516	(2.3)	20	(1.8)	5	(1.03)	520	(3.2)	23	(1.9)	6	(1.00)
	Italy	488	(2.8)	23	(2.3)	6	(1.15)	476	(2.9)	25	(2.0)	6	(0.93)	469	(2.4)	20	(1.8)	3	(0.57)
	Japan	m	m	m	m	m	m	499	(3.8)	23	(4.0)	5	(1.45)	500	(3.4)	27	(2.4)	7	(1.13)
	Korea	525	(2.3)	16	(1.6)	5	(0.99)	535	(3.1)	17	(2.1)	4	(0.92)	556	(3.7)	15	(2.3)	3	(0.80)
	Luxembourg	m	m	m	m	m	m	485	(1.5)	28	(1.5)	8	(0.89)	482	(1.4)	33	(1.5)	11	(0.93)
	Mexico	423	(2.7)	34	(2.7)	15	(2.20)	401	(3.4)	28	(2.6)	9	(1.51)	411	(2.6)	31	(2.4)	10	(1.50)
	Netherlands	m	m	m	m	m	m	520	(2.6)	17	(1.9)	5	(1.02)	508	(2.7)	22	(2.0)	5	(0.98)
	New Zealand	537	(2.7)	20	(2.0)	4	(0.68)	529	(2.2)	23	(1.8)	5	(0.82)	528	(2.8)	23	(1.8)	5	(0.79)
	Norway	509	(2.8)	18	(2.0)	3	(0.75)	503	(2.7)	17	(1.5)	3	(0.55)	489	(2.9)	13	(1.9)	2	(0.50)
	Poland	484	(4.1)	30	(2.8)	10	(1.56)	497	(2.6)	26	(2.2)	7	(1.03)	509	(2.5)	30	(1.7)	9	(0.98)
	Portugal	472	(4.0)	25	(2.7)	7	(1.41)	479	(3.4)	21	(2.4)	5	(1.12)	474	(3.2)	30	(2.2)	9	(1.25)
	Slovak Republic	m	m	m	m	m	m	470	(2.6)	27	(2.4)	9	(1.45)	467	(2.9)	31	(2.9)	9	(1.58)
	Spain	495	(2.1)	28	(1.5)	11	(1.15)	483	(2.3)	21	(2.1)	5	(0.90)	463	(1.9)	23	(1.6)	7	(0.92)
	Sweden	519	(2.0)	15	(1.6)	3	(0.57)	518	(2.1)	18	(1.7)	4	(0.67)	511	(3.3)	16	(1.6)	3	(0.53)
	Switzerland	497	(3.7)	32	(2.1)	10	(1.16)	501	(2.9)	27	(1.8)	9	(1.07)	501	(2.7)	27	(1.5)	8	(0.85)
	Turkey	m	m	m	m	m	m	441	(4.6)	33	(4.5)	12	(2.69)	447	(3.8)	23	(3.5)	6	(1.82)
	United Kingdom	m	m	m	m	m	m	m	m	m	m	m	m	503	(2.1)	19	(1.6)	4	(0.63)
	United States	509	(5.1)	30	(2.7)	8	(1.68)	497	(2.9)	22	(1.7)	5	(0.83)	m	m	m	m	m	m
	OECD average	503	(0.6)	26	(0.4)	8	(0.3)	497	(0.5)	23	(0.4)	6	(0.2)	494	(0.5)	24	(0.4)	6	(0.2)
Partners	Argentina	419	(8.0)	34	(3.8)	10	(2.05)	m	m	m	m	m	m	375	(6.3)	30	(3.1)	6	(1.22)
	Azerbaijan	m	m	m	m	m	m	m	m	m	m	m	m	353	(3.1)	14	(2.2)	4	(1.11)
	Brazil	397	(2.8)	25	(2.2)	9	(1.43)	404	(4.3)	16	(2.6)	2	(0.65)	393	(3.6)	25	(2.7)	6	(1.02)
	Bulgaria	433	(4.1)	35	(3.1)	12	(1.96)	m	m	m	m	m	m	404	(5.8)	40	(4.1)	12	(2.10)
	Chile	410	(3.1)	33	(2.0)	14	(1.60)	m	m	m	m	m	m	443	(3.9)	36	(2.8)	12	(1.59)
	Colombia	m	m	m	m	m	m	m	m	m	m	m	m	385	(4.7)	24	(2.9)	5	(1.23)
	Croatia	m	m	m	m	m	m	m	m	m	m	m	m	478	(2.8)	16	(1.6)	3	(0.63)
	Estonia	m	m	m	m	m	m	m	m	m	m	m	m	501	(2.8)	10	(1.9)	1	(0.56)
	Hong Kong-China	526	(2.7)	19	(2.2)	5	(1.14)	511	(3.5)	10	(2.0)	1	(0.58)	536	(2.3)	15	(1.9)	3	(0.87)
	Indonesia	373	(3.4)	17	(2.6)	5	(1.60)	382	(3.2)	11	(2.1)	2	(0.77)	393	(5.4)	17	(2.5)	5	(1.40)
	Israel	460	(7.9)	34	(3.4)	10	(1.89)	m	m	m	m	m	m	444	(4.5)	21	(2.2)	3	(0.56)
	Jordan	m	m	m	m	m	m	m	m	m	m	m	m	401	(3.0)	25	(2.2)	7	(1.26)
	Kyrgyzstan	m	m	m	m	m	m	m	m	m	m	m	m	285	(3.4)	16	(2.4)	3	(0.68)
	Latvia	460	(5.2)	16	(2.5)	3	(0.76)	491	(3.7)	7	(2.1)	1	(0.37)	480	(3.5)	15	(2.2)	3	(0.76)
	Liechtenstein	488	(4.8)	28	(5.3)	9	(3.71)	527	(3.7)	24	(5.1)	7	(3.14)	514	(3.9)	30	(5.2)	10	(3.79)
	Lithuania	m	m	m	m	m	m	m	m	m	m	m	m	471	(2.8)	22	(2.1)	5	(0.96)
	Macao-China	m	m	m	m	m	m	497	(2.2)	4	(2.2)	0	(0.38)	493	(1.1)	7	(1.7)	1	(0.42)
	Montenegro	m	m	m	m	m	m	m	m	m	m	m	m	392	(1.3)	16	(1.5)	3	(0.61)
	Qatar	m	m	m	m	m	m	m	m	m	m	m	m	315	(1.2)	15	(1.4)	2	(0.36)
	Romania	430	(3.5)	22	(2.3)	5	(0.98)	m	m	m	m	m	m	396	(4.6)	13	(3.8)	2	(1.19)
	Russian Federation	463	(3.9)	14	(1.8)	2	(0.59)	443	(3.6)	19	(1.8)	4	(0.80)	440	(4.2)	15	(2.1)	3	(0.69)
	Serbia	m	m	m	m	m	m	m	m	m	m	m	m	401	(3.3)	20	(1.9)	5	(0.82)
	Slovenia	m	m	m	m	m	m	m	m	m	m	m	m	495	(1.0)	27	(1.6)	9	(1.08)
	Chinese Taipei	m	m	m	m	m	m	m	m	m	m	m	m	497	(3.0)	25	(1.5)	9	(1.03)
	Thailand	432	(3.0)	17	(2.6)	5	(1.44)	420	(2.6)	19	(2.2)	6	(1.31)	417	(2.5)	23	(2.2)	8	(1.57)
	Tunisia	m	m	m	m	m	m	375	(2.7)	15	(3.0)	3	(0.99)	381	(3.7)	16	(3.2)	3	(1.07)
	Uruguay	m	m	m	m	m	m	435	(3.2)	30	(2.6)	6	(0.97)	414	(3.4)	33	(2.8)	8	(1.16)

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[Part 1/1]

Table 6.4c Effect of the highest level of parents' education on student performance in mathematics since PISA 2000

Tableau 6.4c Évolution de l'effet du niveau de formation le plus élevé des deux parents sur la performance des élèves en mathématiques depuis PISA 2000

		PISA 2000						PISA 2003						PISA 2006					
		Intercept		Standardised regression coefficient		Variance explained		Intercept		Standardised regression coefficient		Variance explained		Intercept		Standardised regression coefficient		Variance explained	
		Score	S.E.	Score	S.E.	%	S.E.	Score	S.E.	Score	S.E.	%	S.E.	Score	S.E.	Score	S.E.	%	S.E.
OECD	Australia	535	(3.1)	27	(2.6)	9	(1.5)	526	(2.0)	19	(2.1)	4	(0.8)	522	(2.0)	21	(1.2)	6	(0.6)
	Austria	505	(2.7)	29	(2.8)	9	(1.7)	508	(2.9)	20	(2.1)	5	(1.0)	506	(3.5)	21	(2.9)	4	(1.4)
	Belgium	525	(3.4)	25	(2.5)	6	(1.3)	539	(1.9)	30	(1.6)	8	(0.9)	525	(2.5)	30	(2.3)	8	(1.2)
	Canada	535	(1.3)	18	(1.0)	4	(0.5)	537	(1.5)	17	(1.1)	4	(0.5)	529	(1.8)	15	(1.1)	3	(0.4)
	Czech Republic	498	(2.3)	35	(2.1)	13	(1.9)	523	(2.8)	32	(2.0)	12	(1.4)	511	(3.4)	24	(2.1)	6	(1.0)
	Denmark	517	(2.2)	28	(2.0)	11	(1.5)	517	(2.3)	24	(1.8)	7	(1.0)	515	(2.4)	21	(1.8)	6	(1.1)
	Finland	537	(2.1)	16	(1.7)	4	(0.8)	545	(1.8)	15	(1.3)	3	(0.6)	549	(2.2)	16	(1.4)	4	(0.7)
	France	520	(2.4)	20	(2.2)	5	(1.1)	514	(2.2)	26	(1.8)	8	(1.1)	500	(2.7)	28	(2.2)	9	(1.3)
	Germany	496	(2.3)	36	(3.3)	13	(2.4)	515	(3.0)	33	(2.0)	11	(1.3)	509	(3.4)	28	(2.0)	8	(1.1)
	Greece	448	(5.3)	27	(4.0)	6	(1.7)	445	(3.3)	23	(2.3)	6	(1.1)	459	(2.6)	29	(2.2)	10	(1.4)
	Hungary	490	(3.0)	44	(2.6)	21	(2.1)	490	(2.4)	40	(2.1)	19	(1.6)	492	(2.4)	40	(1.9)	19	(1.6)
	Iceland	517	(2.2)	17	(2.7)	4	(1.3)	516	(1.4)	17	(1.4)	3	(0.6)	507	(1.8)	23	(1.6)	7	(0.9)
	Ireland	504	(2.5)	17	(2.1)	4	(1.0)	504	(2.1)	23	(1.6)	7	(1.0)	503	(2.5)	22	(1.7)	7	(1.1)
	Italy	459	(3.0)	18	(2.3)	4	(1.0)	466	(3.0)	23	(1.9)	6	(0.9)	462	(2.1)	19	(1.3)	4	(0.5)
	Japan	m	m	m	m	m	m	535	(3.9)	24	(3.9)	6	(1.6)	525	(3.0)	28	(2.1)	10	(1.2)
	Korea	547	(2.5)	23	(2.0)	7	(1.2)	543	(3.2)	24	(2.4)	7	(1.2)	548	(3.6)	22	(2.9)	5	(1.2)
	Luxembourg	m	m	m	m	m	m	498	(1.2)	25	(1.4)	8	(0.8)	493	(1.2)	27	(1.2)	9	(0.8)
	Mexico	388	(2.9)	31	(2.7)	14	(2.2)	386	(3.0)	25	(2.3)	9	(1.4)	406	(2.4)	28	(2.1)	11	(1.5)
	Netherlands	m	m	m	m	m	m	546	(2.7)	22	(2.0)	6	(1.2)	532	(2.4)	21	(1.8)	6	(1.0)
	New Zealand	545	(3.0)	20	(2.5)	4	(1.0)	530	(2.1)	23	(1.7)	6	(0.9)	527	(2.2)	21	(1.4)	5	(0.7)
	Norway	502	(2.8)	14	(2.6)	2	(0.9)	498	(2.3)	17	(1.4)	4	(0.6)	493	(2.5)	13	(1.5)	2	(0.5)
	Poland	476	(5.0)	30	(2.9)	9	(1.6)	490	(2.2)	26	(1.8)	8	(1.0)	496	(2.2)	28	(1.4)	11	(1.0)
	Portugal	455	(3.5)	23	(2.7)	6	(1.5)	468	(3.0)	24	(1.8)	8	(1.2)	467	(2.8)	27	(1.9)	9	(1.2)
	Slovak Republic	m	m	m	m	m	m	499	(2.7)	31	(2.5)	11	(1.5)	492	(2.5)	32	(2.9)	12	(1.9)
	Spain	478	(2.6)	27	(2.1)	9	(1.4)	487	(2.0)	23	(1.8)	7	(0.9)	481	(2.0)	25	(1.6)	8	(1.0)
	Sweden	512	(2.3)	11	(2.4)	2	(0.6)	512	(2.3)	19	(1.6)	4	(0.7)	505	(2.3)	15	(1.4)	3	(0.6)
	Switzerland	532	(3.9)	31	(2.5)	10	(1.5)	528	(3.0)	29	(1.6)	9	(0.9)	531	(2.8)	28	(1.5)	8	(0.8)
	Turkey	m	m	m	m	m	m	424	(5.3)	39	(5.3)	14	(2.8)	424	(4.2)	30	(4.4)	10	(2.4)
	United Kingdom	m	m	m	m	m	m	m	m	m	m	m	m	501	(2.0)	17	(1.3)	4	(0.6)
	United States	498	(5.9)	31	(2.6)	10	(2.1)	484	(2.6)	23	(1.4)	6	(0.8)	475	(3.6)	27	(2.0)	9	(1.2)
	OECD average	501	(0.6)	25	(0.5)	8	(0.3)	502	(0.5)	25	(0.4)	7	(0.2)	500	(0.5)	24	(0.4)	7	(0.2)
Partners	Argentina	388	(7.7)	39	(5.4)	10	(2.7)	m	m	m	m	m	m	382	(5.3)	32	(2.9)	10	(1.5)
	Azerbaijan	m	m	m	m	m	m	m	m	m	m	m	m	476	(2.3)	2	(1.3)	0	(0.3)
	Brazil	335	(3.3)	30	(3.6)	10	(2.1)	358	(4.5)	20	(2.8)	4	(1.0)	370	(2.7)	28	(2.6)	9	(1.3)
	Bulgaria	433	(4.9)	34	(3.7)	10	(2.0)	m	m	m	m	m	m	414	(5.2)	35	(3.6)	12	(2.0)
	Chile	384	(3.2)	33	(2.0)	13	(1.5)	m	m	m	m	m	m	412	(3.4)	36	(2.2)	17	(1.7)
	Colombia	m	m	m	m	m	m	m	m	m	m	m	m	370	(3.5)	23	(2.5)	7	(1.4)
	Croatia	m	m	m	m	m	m	m	m	m	m	m	m	467	(2.3)	17	(1.4)	4	(0.7)
	Estonia	m	m	m	m	m	m	m	m	m	m	m	m	515	(2.6)	14	(1.8)	3	(0.8)
	Hong Kong-China	561	(3.1)	18	(2.6)	4	(1.1)	552	(4.4)	13	(2.5)	2	(0.6)	547	(2.5)	19	(2.1)	4	(0.9)
	Indonesia	369	(3.9)	17	(3.6)	4	(1.6)	361	(3.8)	12	(2.5)	2	(0.8)	391	(5.1)	18	(2.8)	5	(1.4)
	Israel	440	(9.1)	42	(4.2)	10	(2.0)	m	m	m	m	m	m	446	(4.2)	24	(1.9)	5	(0.7)
	Jordan	m	m	m	m	m	m	m	m	m	m	m	m	385	(2.9)	26	(1.9)	9	(1.2)
	Kyrgyzstan	m	m	m	m	m	m	m	m	m	m	m	m	311	(3.3)	15	(1.9)	3	(0.7)
	Latvia	464	(4.4)	14	(3.0)	2	(0.8)	484	(3.8)	11	(1.9)	2	(0.5)	487	(2.9)	17	(1.9)	4	(0.9)
	Liechtenstein	520	(7.1)	25	(7.7)	7	(4.1)	537	(4.3)	30	(4.6)	9	(3.2)	527	(4.2)	29	(5.9)	10	(4.1)
	Lithuania	m	m	m	m	m	m	m	m	m	m	m	m	487	(2.7)	26	(1.9)	8	(1.1)
	Macao-China	m	m	m	m	m	m	527	(2.9)	7	(3.1)	1	(0.6)	525	(1.3)	9	(1.6)	1	(0.4)
	Montenegro	m	m	m	m	m	m	m	m	m	m	m	m	400	(1.4)	17	(1.7)	4	(0.8)
	Qatar	m	m	m	m	m	m	m	m	m	m	m	m	319	(1.1)	18	(1.1)	4	(0.5)
	Romania	428	(4.3)	22	(4.7)	4	(1.5)	m	m	m	m	m	m	415	(4.1)	16	(3.4)	4	(1.6)
	Russian Federation	480	(5.3)	14	(2.6)	2	(0.7)	469	(3.9)	19	(1.7)	4	(0.7)	476	(3.7)	15	(2.3)	3	(0.8)
	Serbia	m	m	m	m	m	m	m	m	m	m	m	m	436	(3.3)	20	(1.8)	5	(0.8)
	Slovenia	m	m	m	m	m	m	m	m	m	m	m	m	505	(1.1)	30	(1.6)	12	(1.3)
	Chinese Taipei	m	m	m	m	m	m	m	m	m	m	m	m	550	(3.5)	30	(2.0)	9	(1.1)
	Thailand	433	(3.3)	21	(2.9)	7	(1.6)	417	(2.9)	22	(2.5)	7	(1.5)	417	(2.2)	25	(2.0)	9	(1.5)
	Tunisia	m	m	m	m	m	m	359	(2.4)	19	(2.8)	5	(1.4)	366	(3.5)	25	(3.4)	7	(1.8)
	Uruguay	m	m	m	m	m	m	423	(3.0)	27	(2.4)	7	(1.2)	428	(2.5)	33	(1.8)	11	(1.1)

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[Part 1/1]

Table 6.5a Effect of the highest occupational status of parents on student performance in science since PISA 2000

Tableau 6.5a Évolution de l'effet du statut professionnel le plus élevé des deux parents sur la performance des élèves en sciences depuis PISA 2000

		PISA 2000						PISA 2003						PISA 2006					
		Intercept		Standardised regression coefficient		Variance explained		Intercept		Standardised regression coefficient		Variance explained		Intercept		Standardised regression coefficient		Variance explained	
		Score	S.E.	Score	S.E.	%	S.E.	Score	S.E.	Score	S.E.	%	S.E.	Score	S.E.	Score	S.E.	%	S.E.
OECD	Australia	530	(3.1)	26	(2.4)	8	(1.47)	529	(1.8)	31	(1.4)	9	(0.75)	530	(1.9)	29	(1.1)	9	(0.63)
	Austria	506	(2.5)	33	(2.3)	12	(1.56)	493	(2.7)	34	(1.7)	13	(1.14)	512	(3.6)	33	(2.4)	12	(1.42)
	Belgium	502	(3.5)	41	(2.9)	14	(1.54)	518	(2.0)	41	(1.7)	16	(1.12)	515	(2.0)	37	(1.6)	15	(1.24)
	Canada	532	(1.4)	23	(1.3)	7	(0.72)	524	(1.6)	27	(1.3)	7	(0.67)	537	(1.8)	25	(1.2)	7	(0.63)
	Czech Republic	513	(2.1)	36	(2.1)	15	(1.49)	529	(2.7)	31	(1.8)	10	(1.11)	516	(3.2)	37	(1.9)	14	(1.13)
	Denmark	486	(2.6)	32	(2.5)	10	(1.55)	477	(2.5)	29	(2.3)	8	(1.18)	499	(2.5)	28	(1.9)	9	(1.22)
	Finland	539	(2.3)	18	(2.2)	5	(1.02)	549	(1.8)	20	(1.4)	5	(0.68)	564	(1.9)	20	(1.4)	6	(0.78)
	France	506	(2.8)	35	(2.3)	12	(1.47)	515	(2.5)	39	(2.8)	13	(1.67)	501	(2.6)	41	(2.2)	17	(1.63)
	Germany	490	(2.3)	39	(2.4)	15	(1.57)	516	(2.9)	44	(2.2)	18	(1.59)	522	(2.8)	36	(1.8)	14	(1.17)
	Greece	462	(4.4)	28	(3.3)	8	(1.86)	483	(3.0)	29	(2.0)	8	(1.23)	475	(2.6)	32	(2.1)	12	(1.41)
	Hungary	499	(3.3)	41	(3.1)	17	(2.16)	507	(2.5)	35	(2.2)	13	(1.46)	507	(2.3)	32	(1.9)	13	(1.41)
	Iceland	497	(2.2)	14	(2.3)	2	(0.81)	496	(1.5)	14	(1.8)	2	(0.56)	493	(1.6)	22	(1.5)	6	(0.73)
	Ireland	515	(2.8)	28	(2.1)	9	(1.30)	508	(2.2)	31	(2.1)	11	(1.48)	512	(2.6)	27	(1.7)	8	(1.02)
	Italy	479	(2.9)	24	(2.1)	6	(1.06)	488	(2.9)	32	(2.1)	9	(1.00)	477	(1.8)	27	(1.5)	8	(0.84)
	Japan	565	(7.2)	8	(2.8)	1	(0.55)	552	(3.9)	20	(2.8)	4	(0.87)	535	(3.3)	16	(1.8)	3	(0.58)
	Korea	554	(2.4)	17	(2.5)	5	(1.31)	540	(3.4)	20	(2.8)	4	(1.08)	523	(3.2)	15	(2.1)	3	(0.74)
	Luxembourg	m	m	m	m	m	m	485	(1.5)	38	(1.8)	14	(1.23)	488	(1.1)	41	(1.4)	18	(1.14)
	Mexico	423	(2.7)	27	(2.6)	12	(2.26)	407	(2.8)	24	(2.1)	8	(1.28)	412	(2.2)	28	(1.8)	12	(1.40)
	Netherlands	m	m	m	m	m	m	531	(2.8)	33	(2.0)	12	(1.25)	529	(2.1)	35	(1.8)	14	(1.28)
	New Zealand	532	(2.2)	32	(2.5)	11	(1.53)	522	(2.2)	33	(1.7)	10	(0.99)	535	(2.4)	35	(1.7)	11	(1.01)
	Norway	503	(2.6)	24	(2.3)	7	(1.29)	487	(2.6)	31	(1.9)	9	(1.02)	491	(2.6)	26	(1.7)	8	(1.01)
	Poland	489	(4.5)	32	(2.8)	11	(1.87)	499	(2.4)	36	(1.8)	12	(1.21)	499	(2.1)	29	(1.5)	11	(0.96)
	Portugal	462	(3.3)	31	(2.2)	13	(1.89)	469	(2.9)	32	(2.1)	12	(1.46)	476	(2.4)	34	(1.8)	15	(1.43)
	Slovak Republic	m	m	m	m	m	m	499	(2.7)	34	(2.1)	12	(1.29)	492	(2.3)	34	(2.1)	14	(1.50)
	Spain	493	(2.4)	31	(2.3)	10	(1.55)	488	(2.0)	27	(1.9)	8	(1.02)	490	(2.0)	28	(1.5)	10	(1.07)
	Sweden	514	(2.3)	25	(1.8)	8	(1.05)	509	(2.3)	30	(2.0)	8	(1.03)	506	(2.2)	29	(1.5)	10	(0.90)
	Switzerland	498	(3.6)	40	(2.5)	16	(1.83)	516	(3.2)	34	(1.9)	10	(0.99)	513	(2.7)	34	(1.6)	12	(1.03)
	Turkey	m	m	m	m	m	m	437	(4.9)	33	(5.0)	12	(3.03)	425	(3.4)	26	(3.3)	10	(2.21)
	United Kingdom	m	m	m	m	m	m	m	m	m	m	m	m	520	(1.9)	36	(1.6)	12	(1.09)
	United States	509	(5.7)	34	(3.4)	12	(1.87)	496	(2.5)	32	(1.6)	10	(0.96)	495	(3.2)	35	(2.2)	11	(1.26)
	OECD average	504	(0.7)	29	(0.5)	10	(0.30)	502	(0.5)	31	(0.4)	10	(0.23)	503	(0.5)	30	(0.3)	11	(0.22)
Partners	Argentina	401	(5.9)	37	(3.9)	12	(2.37)	m	m	m	m	m	m	397	(4.9)	34	(3.5)	11	(2.46)
	Azerbaijan	m	m	m	m	m	m	m	m	m	m	m	m	386	(2.7)	11	(1.7)	4	(1.26)
	Brazil	378	(3.1)	27	(3.4)	9	(2.07)	394	(3.5)	34	(3.0)	12	(2.01)	393	(2.4)	32	(2.3)	13	(1.63)
	Bulgaria	453	(3.7)	30	(3.6)	11	(2.32)	m	m	m	m	m	m	441	(4.5)	44	(3.4)	17	(2.23)
	Chile	417	(2.9)	36	(2.2)	15	(1.52)	m	m	m	m	m	m	439	(3.2)	39	(2.0)	18	(1.80)
	Colombia	m	m	m	m	m	m	m	m	m	m	m	m	390	(3.2)	23	(2.0)	7	(1.29)
	Croatia	m	m	m	m	m	m	m	m	m	m	m	m	496	(2.2)	29	(1.7)	11	(1.19)
	Estonia	m	m	m	m	m	m	m	m	m	m	m	m	532	(2.3)	26	(1.5)	10	(1.04)
	Hong Kong-China	544	(2.8)	19	(2.5)	5	(1.42)	544	(3.6)	17	(2.0)	3	(0.80)	545	(2.3)	17	(2.0)	4	(0.86)
	Indonesia	395	(3.5)	19	(3.4)	7	(2.12)	397	(2.9)	20	(2.1)	8	(1.56)	395	(5.5)	18	(2.9)	6	(1.63)
	Israel	449	(7.4)	33	(3.6)	7	(1.58)	m	m	m	m	m	m	466	(3.5)	31	(2.2)	8	(1.02)
	Jordan	m	m	m	m	m	m	m	m	m	m	m	m	433	(2.5)	26	(1.9)	9	(1.19)
	Kyrgyzstan	m	m	m	m	m	m	m	m	m	m	m	m	326	(2.7)	21	(2.3)	6	(1.16)
	Latvia	464	(4.9)	22	(3.3)	5	(1.52)	491	(3.5)	22	(2.2)	6	(1.13)	492	(2.7)	24	(2.2)	8	(1.33)
	Liechtenstein	482	(7.2)	33	(7.2)	14	(5.51)	527	(4.8)	42	(6.0)	16	(4.07)	523	(4.3)	34	(5.7)	12	(3.98)
	Lithuania	m	m	m	m	m	m	m	m	m	m	m	m	491	(2.4)	29	(2.0)	10	(1.25)
	Macao-China	m	m	m	m	m	m	526	(3.2)	2	(3.1)	0	(0.24)	512	(1.1)	7	(1.3)	1	(0.29)
	Montenegro	m	m	m	m	m	m	m	m	m	m	m	m	417	(1.2)	23	(1.4)	8	(0.98)
	Qatar	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Romania	443	(3.4)	17	(2.6)	3	(0.94)	m	m	m	m	m	m	422	(3.8)	32	(3.2)	16	(3.03)
	Russian Federation	462	(4.3)	25	(2.3)	7	(1.11)	490	(3.8)	23	(1.9)	5	(0.82)	481	(3.2)	22	(1.7)	6	(0.93)
	Serbia	m	m	m	m	m	m	m	m	m	m	m	m	437	(2.5)	29	(1.6)	12	(1.11)
	Slovenia	m	m	m	m	m	m	m	m	m	m	m	m	521	(1.2)	37	(1.4)	14	(1.11)
	Chinese Taipei	m	m	m	m	m	m	m	m	m	m	m	m	537	(3.1)	24	(1.6)	7	(0.83)
	Thailand	440	(2.9)	20	(2.1)	6	(1.37)	431	(2.4)	25	(2.1)	9	(1.43)	424	(2.0)	26	(1.8)	12	(1.58)
	Tunisia	m	m	m	m	m	m	386	(2.5)	24	(2.8)	8	(1.74)	387	(2.3)	26	(2.9)	10	(2.12)
	Uruguay	m	m	m	m	m	m	444	(2.6)	34	(2.4)	10	(1.39)	430	(2.6)	35	(1.5)	13	(1.06)

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[Part 1/1]

Table 6.5b Effect of the highest occupational status of parents on student performance in reading since PISA 2000

Tableau 6.5b Évolution de l'effet du statut professionnel le plus élevé des deux parents sur la performance des élèves en compréhension de l'écrit depuis PISA 2000

		PISA 2000						PISA 2003						PISA 2006					
		Intercept		Standardised regression coefficient		Variance explained		Intercept		Standardised regression coefficient		Variance explained		Intercept		Standardised regression coefficient		Variance explained	
		Score	S.E.	Score	S.E.	%	S.E.	Score	S.E.	Score	S.E.	%	S.E.	Score	S.E.	Score	S.E.	%	S.E.
OECD	Australia	532	(2.9)	32	(2.1)	10	(1.34)	531	(1.7)	29	(1.5)	9	(0.81)	a	a	a	a	a	a
	Austria	494	(2.5)	34	(2.0)	13	(1.26)	494	(2.8)	39	(2.0)	15	(1.32)	516	(1.7)	28	(1.0)	9	(0.64)
	Belgium	513	(2.9)	39	(2.3)	14	(1.38)	517	(2.2)	38	(1.9)	14	(1.10)	492	(3.7)	36	(2.6)	11	(1.37)
	Canada	537	(1.3)	25	(1.0)	7	(0.53)	533	(1.4)	21	(1.2)	6	(0.62)	506	(2.6)	37	(1.8)	12	(1.12)
	Czech Republic	494	(1.8)	37	(1.4)	15	(1.15)	497	(2.4)	28	(1.7)	10	(1.16)	530	(2.2)	24	(1.3)	7	(0.65)
	Denmark	503	(1.9)	29	(1.9)	9	(1.20)	494	(2.5)	23	(1.6)	7	(0.90)	487	(3.7)	39	(2.3)	13	(1.16)
	Finland	548	(2.4)	21	(1.8)	6	(0.79)	544	(1.5)	18	(1.3)	5	(0.71)	498	(2.7)	24	(1.8)	8	(1.09)
	France	510	(2.2)	32	(2.0)	13	(1.45)	500	(2.2)	33	(2.3)	12	(1.50)	548	(2.0)	19	(1.4)	6	(0.78)
	Germany	488	(2.1)	43	(2.0)	16	(1.47)	505	(2.8)	37	(2.0)	14	(1.26)	493	(3.5)	37	(2.4)	13	(1.44)
	Greece	476	(4.3)	31	(2.8)	10	(1.58)	475	(3.3)	30	(2.0)	8	(1.20)	503	(3.4)	35	(2.0)	11	(1.05)
	Hungary	483	(3.3)	38	(2.3)	17	(1.78)	485	(2.1)	33	(2.0)	13	(1.45)	462	(3.4)	33	(2.6)	11	(1.41)
	Iceland	509	(1.4)	20	(1.5)	5	(0.66)	494	(1.6)	12	(1.8)	1	(0.46)	486	(3.0)	33	(2.1)	13	(1.37)
	Ireland	529	(2.8)	29	(1.7)	10	(1.06)	518	(2.2)	28	(2.0)	11	(1.49)	487	(2.0)	19	(1.6)	4	(0.66)
	Italy	489	(2.6)	26	(1.8)	8	(1.11)	478	(2.8)	30	(1.9)	9	(1.05)	521	(2.9)	26	(1.6)	8	(0.95)
	Japan	539	(6.2)	6	(2.4)	1	(0.50)	504	(3.6)	19	(2.6)	3	(0.86)	470	(2.3)	27	(1.7)	6	(0.75)
	Korea	526	(2.3)	13	(1.9)	4	(0.99)	536	(2.9)	15	(2.3)	4	(1.02)	503	(3.3)	18	(1.9)	3	(0.62)
	Luxembourg	m	m	m	m	m	m	483	(1.5)	34	(1.8)	12	(1.20)	557	(3.7)	14	(2.0)	2	(0.67)
	Mexico	425	(2.7)	33	(2.4)	15	(2.05)	402	(3.4)	28	(2.8)	9	(1.65)	482	(1.4)	42	(1.5)	18	(1.08)
	Netherlands	m	m	m	m	m	m	519	(2.4)	27	(1.8)	11	(1.30)	413	(2.4)	30	(2.3)	10	(1.32)
	New Zealand	534	(2.4)	33	(2.2)	10	(1.13)	523	(2.4)	33	(1.9)	10	(1.15)	511	(2.5)	33	(2.0)	12	(1.25)
	Norway	508	(2.5)	28	(1.9)	8	(1.02)	503	(2.5)	27	(1.8)	7	(0.94)	526	(2.7)	33	(1.8)	11	(0.99)
	Poland	486	(3.9)	34	(2.6)	12	(1.63)	499	(2.4)	33	(1.9)	12	(1.21)	490	(2.7)	29	(1.9)	8	(0.98)
	Portugal	474	(3.5)	38	(2.1)	15	(1.75)	479	(3.2)	31	(2.1)	11	(1.28)	510	(2.6)	31	(1.6)	10	(0.94)
	Slovak Republic	m	m	m	m	m	m	473	(2.4)	32	(1.9)	12	(1.23)	474	(2.9)	39	(2.3)	15	(1.51)
	Spain	495	(2.1)	27	(1.6)	10	(1.21)	482	(2.1)	25	(1.8)	7	(0.95)	471	(2.9)	34	(2.7)	11	(1.50)
	Sweden	518	(1.8)	27	(1.5)	9	(0.97)	517	(2.0)	26	(1.8)	8	(0.94)	463	(1.9)	24	(1.6)	8	(0.93)
	Switzerland	497	(3.4)	40	(2.2)	16	(1.56)	502	(2.8)	29	(1.7)	10	(1.00)	510	(3.3)	27	(1.8)	8	(1.01)
	Turkey	m	m	m	m	m	m	443	(4.9)	30	(4.6)	10	(2.70)	501	(2.6)	31	(1.4)	11	(0.90)
	United Kingdom	m	m	m	m	m	m	m	m	m	m	m	m	448	(3.8)	27	(3.2)	9	(1.92)
	United States	514	(5.0)	34	(2.7)	11	(1.47)	501	(2.6)	29	(1.6)	9	(0.88)	m	m	m	m	m	m
	OECD average	505	(0.6)	30	(0.4)	11	(0.26)	498	(0.5)	28	(0.4)	9	(0.23)	488	(0.8)	35	(0.7)	11	(0.36)
Partners	Argentina	424	(6.6)	41	(2.8)	16	(1.99)	m	m	m	m	m	m	381	(5.9)	37	(4.3)	9	(2.22)
	Azerbaijan	m	m	m	m	m	m	m	m	m	m	m	m	357	(3.2)	18	(2.4)	6	(1.56)
	Brazil	401	(2.6)	27	(2.0)	10	(1.43)	408	(3.8)	34	(3.2)	9	(1.67)	396	(3.5)	34	(2.9)	11	(1.51)
	Bulgaria	436	(3.8)	37	(3.7)	14	(2.14)	m	m	m	m	m	m	410	(5.0)	46	(3.6)	16	(2.12)
	Chile	412	(2.8)	37	(1.8)	18	(1.34)	m	m	m	m	m	m	444	(3.9)	40	(2.8)	15	(1.91)
	Colombia	m	m	m	m	m	m	m	m	m	m	m	m	388	(4.7)	26	(2.5)	6	(1.09)
	Croatia	m	m	m	m	m	m	m	m	m	m	m	m	480	(2.5)	27	(1.8)	10	(1.09)
	Estonia	m	m	m	m	m	m	m	m	m	m	m	m	502	(2.8)	26	(1.9)	10	(1.16)
	Hong Kong-China	529	(2.7)	15	(2.4)	4	(1.12)	514	(3.1)	13	(2.0)	3	(0.77)	539	(2.3)	14	(1.9)	3	(0.86)
	Indonesia	373	(3.5)	24	(3.0)	11	(2.28)	383	(3.0)	22	(2.2)	8	(1.50)	395	(5.6)	19	(2.8)	7	(1.62)
	Israel	468	(6.8)	33	(2.3)	11	(1.60)	m	m	m	m	m	m	452	(4.2)	31	(2.7)	7	(1.13)
	Jordan	m	m	m	m	m	m	m	m	m	m	m	m	414	(3.0)	25	(2.1)	8	(1.23)
	Kyrgyzstan	m	m	m	m	m	m	m	m	m	m	m	m	291	(3.1)	27	(2.6)	7	(1.18)
	Latvia	462	(4.8)	24	(2.5)	6	(1.13)	492	(3.4)	20	(2.3)	5	(1.17)	483	(3.2)	25	(2.2)	8	(1.19)
	Liechtenstein	486	(4.7)	31	(4.9)	11	(3.40)	528	(3.9)	35	(5.2)	16	(4.43)	512	(4.2)	33	(5.3)	12	(3.70)
	Lithuania	m	m	m	m	m	m	m	m	m	m	m	m	473	(2.7)	29	(2.1)	9	(1.30)
	Macao-China	m	m	m	m	m	m	498	(2.2)	3	(2.4)	0	(0.33)	493	(1.2)	6	(1.4)	1	(0.29)
	Montenegro	m	m	m	m	m	m	m	m	m	m	m	m	398	(1.4)	23	(1.6)	7	(0.98)
	Qatar	m	m	m	m	m	m	m	m	m	m	m	m	337	(1.7)	18	(1.7)	3	(0.50)
	Romania	432	(3.5)	25	(2.4)	6	(1.16)	m	m	m	m	m	m	400	(4.4)	31	(3.2)	11	(2.30)
	Russian Federation	463	(3.6)	28	(1.9)	9	(1.17)	443	(3.6)	23	(1.8)	6	(0.86)	442	(3.9)	22	(1.9)	6	(0.93)
	Serbia	m	m	m	m	m	m	m	m	m	m	m	m	403	(2.9)	32	(1.9)	12	(1.23)
	Chinese Taipei	m	m	m	m	m	m	m	m	m	m	m	m	501	(2.9)	22	(1.4)	7	(0.85)
	Slovenia	m	m	m	m	m	m	m	m	m	m	m	m	496	(1.0)	31	(1.5)	13	(1.20)
	Thailand	433	(3.3)	20	(2.4)	6	(1.48)	422	(2.6)	22	(2.0)	8	(1.38)	420	(2.3)	26	(1.9)	11	(1.54)
	Tunisia	m	m	m	m	m	m	377	(2.8)	29	(2.7)	9	(1.76)	382	(3.2)	29	(3.2)	9	(2.09)
	Uruguay	m	m	m	m	m	m	440	(3.1)	36	(2.5)	9	(1.19)	415	(3.3)	39	(2.5)	11	(1.27)

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[Part 1/1]

Table 6.5c Effect of the highest occupational status of parents on student performance in mathematics since PISA 2000

Tableau 6.5c Évolution de l'effet du statut professionnel le plus élevé des deux parents sur la performance des élèves en mathématiques depuis PISA 2000

		PISA 2000						PISA 2003						PISA 2006					
		Intercept		Standardised regression coefficient		Variance explained		Intercept		Standardised regression coefficient		Variance explained		Intercept		Standardised regression coefficient		Variance explained	
		Score	S.E.	Score	S.E.	%	S.E.	Score	S.E.	Score	S.E.	%	S.E.	Score	S.E.	Score	S.E.	%	S.E.
OECD	Australia	536	(2.9)	30	(2.3)	12	(1.68)	528	(1.8)	29	(1.3)	10	(0.73)	523	(1.9)	26	(1.0)	9	(0.66)
	Austria	504	(2.6)	30	(2.5)	10	(1.63)	508	(2.7)	30	(1.9)	11	(1.22)	506	(3.5)	31	(2.7)	10	(1.57)
	Belgium	525	(3.2)	39	(2.8)	14	(1.70)	539	(1.9)	41	(1.7)	15	(1.16)	525	(2.5)	38	(1.7)	13	(1.32)
	Canada	535	(1.2)	21	(1.0)	6	(0.58)	537	(1.4)	24	(1.1)	7	(0.66)	529	(1.8)	22	(1.1)	7	(0.65)
	Czech Republic	499	(2.4)	35	(2.0)	13	(1.33)	523	(2.8)	33	(1.7)	13	(1.19)	513	(3.2)	38	(2.1)	14	(1.27)
	Denmark	519	(2.1)	24	(2.0)	9	(1.42)	516	(2.3)	27	(1.6)	9	(1.02)	516	(2.3)	24	(1.7)	8	(1.10)
	Finland	537	(2.0)	19	(1.6)	6	(1.00)	545	(1.7)	22	(1.3)	7	(0.83)	549	(2.2)	21	(1.3)	7	(0.85)
	France	522	(2.3)	28	(2.3)	10	(1.60)	514	(2.1)	32	(2.0)	13	(1.39)	501	(2.5)	38	(2.3)	17	(1.71)
	Germany	493	(2.4)	39	(2.4)	15	(1.78)	515	(2.8)	38	(1.9)	15	(1.38)	510	(2.9)	37	(2.0)	15	(1.18)
	Greece	449	(4.9)	34	(3.6)	10	(1.90)	447	(3.0)	30	(2.2)	11	(1.52)	461	(2.4)	31	(2.1)	12	(1.34)
	Hungary	491	(3.2)	41	(2.9)	17	(2.12)	493	(2.4)	38	(2.0)	17	(1.51)	494	(2.4)	35	(1.9)	16	(1.45)
	Iceland	516	(2.3)	17	(2.1)	4	(0.96)	516	(1.5)	15	(1.5)	3	(0.57)	507	(1.8)	22	(1.4)	6	(0.80)
	Ireland	505	(2.3)	24	(2.1)	9	(1.41)	505	(1.9)	26	(1.8)	10	(1.30)	505	(2.2)	25	(1.6)	9	(1.20)
	Italy	459	(2.9)	21	(2.4)	5	(1.26)	467	(3.0)	28	(1.9)	8	(1.03)	463	(2.1)	26	(1.6)	7	(0.84)
	Japan	573	(7.4)	9	(3.3)	1	(0.88)	538	(3.8)	21	(2.8)	4	(1.00)	526	(3.3)	18	(1.6)	4	(0.64)
	Korea	550	(2.4)	19	(2.0)	5	(1.14)	544	(3.0)	22	(2.7)	5	(1.27)	548	(3.6)	17	(2.3)	3	(0.83)
	Luxembourg	m	m	m	m	m	m	495	(1.0)	34	(1.6)	14	(1.15)	492	(1.2)	38	(1.3)	17	(1.11)
	Mexico	390	(2.7)	31	(2.6)	14	(2.30)	387	(3.0)	26	(2.1)	9	(1.38)	408	(2.4)	27	(1.9)	11	(1.29)
	Netherlands	m	m	m	m	m	m	545	(2.6)	31	(2.0)	13	(1.32)	534	(2.2)	31	(2.0)	12	(1.38)
	New Zealand	542	(2.8)	32	(2.7)	11	(1.66)	524	(2.1)	29	(1.6)	9	(1.01)	526	(2.1)	29	(1.5)	10	(0.95)
	Norway	501	(2.8)	24	(2.3)	7	(1.25)	497	(2.2)	27	(1.5)	9	(0.93)	494	(2.3)	26	(1.8)	8	(1.10)
	Poland	477	(4.7)	33	(2.8)	12	(1.77)	492	(2.1)	32	(1.6)	13	(1.19)	497	(2.2)	28	(1.3)	10	(0.88)
	Portugal	458	(3.1)	33	(2.3)	14	(2.08)	468	(2.8)	34	(1.7)	15	(1.47)	468	(2.5)	35	(1.9)	15	(1.47)
	Slovak Republic	m	m	m	m	m	m	502	(2.6)	33	(1.8)	13	(1.20)	496	(2.5)	33	(2.4)	13	(1.57)
	Spain	478	(2.6)	28	(2.4)	10	(1.56)	486	(1.9)	25	(1.4)	8	(0.90)	482	(1.9)	26	(1.5)	9	(0.98)
	Sweden	512	(2.1)	30	(2.0)	11	(1.38)	512	(2.1)	28	(1.8)	9	(1.03)	505	(2.2)	28	(1.4)	10	(0.94)
	Switzerland	532	(3.7)	34	(2.0)	12	(1.53)	529	(2.9)	30	(1.7)	9	(0.96)	531	(2.8)	30	(1.6)	10	(0.93)
	Turkey	m	m	m	m	m	m	426	(5.7)	36	(5.6)	12	(2.98)	426	(4.3)	30	(4.0)	10	(2.24)
	United Kingdom	m	m	m	m	m	m	m	m	m	m	m	m	499	(1.8)	31	(1.4)	12	(1.10)
	United States	503	(5.5)	36	(3.2)	14	(2.19)	488	(2.3)	30	(1.4)	10	(0.88)	479	(3.2)	30	(1.9)	11	(1.18)
	OECD total													487	(0.9)	33	(0.7)	12	(0.46)
	OECD average	504	(0.7)	29	(0.5)	10	(0.32)	503	(0.5)	29	(0.4)	10	(0.23)	500	(0.5)	29	(0.3)	11	(0.22)
Partners	Argentina	394	(6.3)	49	(4.1)	17	(2.72)	m	m	m	m	m	m	387	(5.0)	33	(3.6)	11	(2.19)
	Azerbaijan	m	m	m	m	m	m	m	m	m	m	m	m	477	(2.2)	3	(1.2)	0	(0.32)
	Brazil	338	(3.2)	35	(3.4)	13	(2.31)	361	(3.8)	39	(3.6)	15	(2.55)	372	(2.6)	33	(2.8)	13	(1.81)
	Bulgaria	437	(4.7)	38	(4.4)	13	(2.52)	m	m	m	m	m	m	419	(4.7)	40	(3.3)	16	(2.13)
	Chile	386	(2.9)	37	(2.2)	16	(1.60)	m	m	m	m	m	m	412	(3.4)	39	(2.4)	20	(2.09)
	Colombia	m	m	m	m	m	m	m	m	m	m	m	m	372	(3.4)	26	(2.6)	9	(1.57)
	Croatia	m	m	m	m	m	m	m	m	m	m	m	m	470	(2.2)	27	(1.6)	11	(1.16)
	Estonia	m	m	m	m	m	m	m	m	m	m	m	m	516	(2.5)	28	(1.7)	12	(1.20)
	Hong Kong-China	564	(3.1)	13	(3.1)	2	(1.04)	554	(3.9)	18	(2.2)	4	(0.82)	550	(2.4)	19	(2.2)	4	(0.96)
	Indonesia	369	(4.2)	22	(4.0)	6	(2.12)	362	(3.5)	23	(2.5)	8	(1.68)	393	(5.3)	21	(2.9)	7	(1.53)
	Israel	449	(7.5)	45	(3.5)	13	(1.98)	m	m	m	m	m	m	454	(3.8)	32	(2.2)	10	(1.08)
	Jordan	m	m	m	m	m	m	m	m	m	m	m	m	395	(2.9)	25	(2.0)	9	(1.29)
	Kyrgyzstan	m	m	m	m	m	m	m	m	m	m	m	m	316	(3.1)	24	(2.3)	8	(1.36)
	Latvia	466	(4.5)	16	(2.7)	2	(0.83)	485	(3.4)	21	(1.7)	6	(0.98)	488	(2.8)	23	(2.1)	8	(1.28)
	Liechtenstein	519	(7.1)	22	(7.7)	5	(3.47)	538	(4.5)	38	(5.4)	15	(3.40)	526	(4.4)	31	(5.3)	11	(3.74)
	Lithuania	m	m	m	m	m	m	m	m	m	m	m	m	489	(2.7)	30	(1.8)	11	(1.24)
	Macao-China	m	m	m	m	m	m	528	(3.0)	9	(2.9)	1	(0.68)	526	(1.3)	7	(1.4)	1	(0.29)
	Montenegro	m	m	m	m	m	m	m	m	m	m	m	m	405	(1.5)	22	(1.7)	7	(1.04)
	Qatar	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Romania	429	(3.8)	28	(3.6)	6	(1.47)	m	m	m	m	m	m	418	(3.7)	33	(3.1)	16	(2.67)
	Russian Federation	480	(5.1)	25	(2.5)	6	(1.15)	469	(3.9)	22	(1.8)	6	(0.85)	477	(3.5)	22	(1.9)	6	(1.01)
	Serbia	m	m	m	m	m	m	m	m	m	m	m	m	438	(2.9)	30	(1.9)	11	(1.17)
	Slovenia	m	m	m	m	m	m	m	m	m	m	m	m	506	(1.2)	34	(1.6)	14	(1.38)
	Chinese Taipei	m	m	m	m	m	m	m	m	m	m	m	m	554	(3.4)	26	(1.9)	6	(0.92)
	Thailand	435	(3.6)	23	(3.1)	8	(1.89)	419	(2.8)	25	(2.2)	9	(1.47)	420	(2.2)	27	(2.0)	11	(1.53)
	Tunisia	m	m	m	m	m	m	360	(2.3)	31	(2.8)	14	(2.36)	367	(2.9)	38	(3.0)	17	(2.68)
	Uruguay	m	m	m	m	m	m	428	(2.9)	34	(2.0)	12	(1.28)	430	(2.4)	34	(1.9)	12	(1.25)

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II. Results for regions within countries/ *Résultats des régions au sein des pays*

DEFINITION

Adjudicated regions

Data for which adherence to the PISA sampling standards and international comparability was internationally adjudicated.

Non-adjudicated regions

Data for which adherence to the PISA sampling standards at sub-national levels was assessed by the countries concerned.

In these countries, adherence to the PISA sampling standards and international comparability was internationally adjudicated only for the combined set of all sub-national entities.

DÉFINITIONS

Régions adjugées

Les normes d'échantillonnage et de comparabilité internationale PISA ont été respectées, les données de ces régions ont été adjugées au niveau international.

Régions non adjugées

Les normes d'échantillonnage PISA au niveau régional ont été évaluées par les pays concernés.

Dans ces pays, le respect des normes d'échantillonnage et de comparabilité internationale PISA a été évalué et adjugé au niveau international uniquement pour les données de l'ensemble des régions du pays concerné.



[Part 1/1]

Table S2a Percentage of students at each proficiency level on the science scale

Tableau S2a Pourcentage d'élèves à chaque niveau de compétence sur l'échelle de culture scientifique

	Proficiency levels													
	Below Level 1 (below 334.94 score points)		Level 1 (from 334.94 to 409.54 score points)		Level 2 (from 409.54 to 484.14 score points)		Level 3 (from 484.14 to 558.73 score points)		Level 4 (from 558.73 to 633.33 score points)		Level 5 (from 633.33 to 707.93 score points)		Level 6 (above 707.93 score points)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
Adjudicated														
Belgium (Flemish Community)	2.7	(0.8)	8.9	(0.6)	18.4	(0.9)	28.8	(1.1)	28.9	(1.1)	11.2	(0.7)	1.1	(0.3)
Italy (Provincia Autonoma of Bolzano)	1.9	(0.5)	7.9	(0.7)	21.5	(1.4)	31.8	(1.7)	26.4	(1.3)	9.5	(0.7)	1.1	(0.3)
Italy (Provincia Campania)	9.7	(1.4)	26.0	(2.3)	32.9	(2.1)	23.4	(1.9)	7.0	(1.3)	1.1	(0.5)	0.0	a
Italy (Provincia Basilicata)	8.7	(1.6)	24.0	(1.8)	33.1	(2.2)	23.1	(2.0)	9.7	(1.0)	1.3	(0.4)	0.1	(0.1)
Italy (Provincia Emilia Romagna)	3.8	(0.8)	11.8	(1.0)	22.5	(1.5)	29.9	(1.7)	23.4	(1.4)	7.8	(1.1)	1.0	(0.3)
Italy (Provincia Friuli Venezia Giulia)	1.6	(0.5)	6.2	(0.7)	18.8	(1.4)	34.3	(1.6)	28.0	(1.5)	9.7	(1.2)	1.4	(0.4)
Italy (Provincia Sicilia)	16.1	(2.0)	25.5	(2.0)	27.1	(2.1)	21.1	(2.1)	8.6	(1.2)	1.7	(0.6)	0.0	a
Italy (Provincia Liguria)	6.4	(1.5)	14.9	(1.8)	24.8	(2.0)	29.8	(1.5)	18.5	(1.7)	5.1	(0.9)	0.5	(0.3)
Italy (Provincia Lombardia)	5.3	(1.4)	12.7	(1.5)	23.2	(1.8)	31.2	(1.7)	20.9	(1.8)	6.2	(1.0)	0.6	(0.3)
Italy (Provincia Piemonte)	3.6	(0.7)	10.8	(1.2)	22.9	(1.6)	32.5	(1.7)	22.7	(2.0)	6.9	(1.1)	0.5	(0.3)
Italy (Provincia Trento)	2.7	(0.4)	10.1	(0.7)	19.8	(1.2)	30.7	(1.4)	26.0	(1.8)	9.6	(1.2)	1.2	(0.3)
Italy (Provincia Sardegna)	11.6	(1.9)	23.0	(2.1)	29.4	(2.3)	23.8	(1.9)	10.5	(1.6)	1.7	(0.7)	0.1	a
Italy (Provincia Puglia)	8.3	(1.3)	24.9	(1.9)	34.0	(2.0)	23.2	(1.5)	8.3	(1.1)	1.3	(0.4)	0.0	a
Italy (Provincia Veneto)	2.0	(0.5)	8.7	(1.0)	21.6	(1.9)	30.8	(1.6)	26.4	(2.0)	9.2	(1.2)	1.3	(0.3)
Spain (Andalusia)	5.9	(1.0)	17.4	(1.2)	30.2	(1.6)	29.0	(1.5)	14.6	(1.1)	2.8	(0.6)	0.1	(0.1)
Spain (Basque Country)	3.2	(0.6)	12.5	(1.0)	27.9	(1.1)	33.5	(1.2)	18.5	(1.1)	4.0	(0.6)	0.3	(0.1)
Spain (Cantabria)	2.9	(0.6)	9.6	(1.2)	24.8	(1.5)	33.1	(1.6)	22.8	(1.5)	6.4	(0.7)	0.4	(0.2)
Spain (Galicia)	2.8	(0.5)	11.4	(0.9)	26.9	(1.3)	30.8	(1.4)	21.4	(1.4)	6.0	(0.7)	0.7	(0.3)
Spain (La Rioja)	2.0	(0.4)	8.3	(1.0)	23.3	(1.9)	32.4	(1.7)	25.1	(1.4)	8.0	(0.9)	0.8	(0.3)
Spain (Castile and Leon)	0.9	(0.5)	7.9	(1.1)	24.4	(1.8)	34.0	(1.6)	25.1	(1.6)	7.1	(0.8)	0.6	(0.3)
Spain (Navarre)	2.0	(0.5)	11.6	(1.0)	24.9	(1.4)	30.6	(1.4)	22.5	(1.4)	7.6	(0.8)	0.9	(0.4)
Spain (Aragon)	2.4	(0.6)	9.9	(1.3)	24.3	(1.8)	31.0	(1.7)	24.5	(1.7)	7.2	(0.8)	0.8	(0.2)
Spain (Catalonia)	4.7	(0.9)	13.9	(1.3)	26.2	(1.8)	31.7	(1.7)	18.9	(1.8)	4.2	(0.7)	0.4	(0.2)
Spain (Asturias)	2.3	(0.7)	10.0	(1.3)	24.8	(1.6)	35.0	(1.5)	22.1	(1.6)	5.2	(0.9)	0.5	(0.2)
United Kingdom (Scotland)	3.6	(0.6)	11.0	(1.0)	24.1	(1.2)	27.9	(1.1)	20.7	(1.1)	10.1	(0.9)	2.4	(0.5)
Non-adjudicated														
Belgium (French Community)	7.7	(1.2)	16.5	(1.2)	23.9	(1.6)	26.1	(1.5)	18.7	(1.0)	6.3	(0.8)	0.8	(0.2)
Belgium (German-Speaking Community)	3.1	(0.7)	12.4	(1.1)	21.2	(1.4)	28.1	(1.8)	23.4	(1.6)	10.5	(1.1)	1.4	(0.5)
Finland (Finnish Speaking)	0.5	(0.1)	3.4	(0.5)	13.3	(0.7)	29.0	(1.2)	32.4	(1.0)	17.3	(0.8)	4.1	(0.4)
Finland (Swedish Speaking)	2.0	(1.2)	7.4	(2.2)	19.2	(2.6)	31.2	(3.6)	28.7	(3.5)	10.3	(2.6)	1.1	(0.8)
United Kingdom (England)	4.9	(0.6)	11.8	(0.7)	21.5	(0.9)	25.7	(0.8)	22.1	(0.7)	11.0	(0.6)	3.0	(0.4)
United Kingdom (Northern Ireland)	6.6	(0.7)	13.7	(0.7)	20.6	(1.1)	24.3	(1.5)	20.9	(1.4)	11.2	(1.1)	2.7	(0.4)
United Kingdom (Wales)	4.5	(0.7)	13.6	(0.8)	24.3	(1.0)	26.9	(1.0)	19.8	(1.0)	9.0	(0.8)	1.9	(0.4)

Note: See Table 2.1a for national data.
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[Part 1/1]

Table S2b Percentage of students at each proficiency level on the science scale, by gender

Tableau S2b Pourcentage d'élèves à chaque niveau de compétence sur l'échelle de culture scientifique, selon le sexe

	Males – Proficiency levels													
	Below Level 1 (below 334.94 score points)		Level 1 (from 334.94 to 409.54 score points)		Level 2 (from 409.54 to 484.14 score points)		Level 3 (from 484.14 to 558.73 score points)		Level 4 (from 558.73 to 633.33 score points)		Level 5 (from 633.33 to 707.93 score points)		Level 6 (above 707.93 score points)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
Adjudicated														
Belgium (Flemish Community)	2.6	(1.2)	9.4	(0.6)	19.4	(1.1)	26.1	(1.3)	28.9	(1.3)	12.2	(1.0)	1.5	(0.3)
Italy (Provincia Autonoma of Bolzano)	1.9	(0.6)	7.9	(1.2)	18.5	(2.2)	31.8	(2.3)	27.7	(1.9)	10.9	(1.1)	1.4	(0.4)
Italy (Provincia Campania)	8.1	(1.3)	22.2	(2.7)	32.7	(2.4)	27.4	(2.5)	8.2	(1.4)	1.3	(0.8)	0.0	a
Italy (Provincia Basilicata)	10.5	(2.5)	24.3	(2.4)	30.8	(2.4)	22.4	(2.6)	10.2	(1.5)	1.5	(0.6)	0.3	(0.2)
Italy (Provincia Emilia Romagna)	3.0	(0.8)	10.2	(1.5)	22.0	(1.7)	31.8	(2.1)	23.3	(1.9)	8.3	(1.3)	1.4	(0.5)
Italy (Provincia Friuli Venezia Giulia)	1.7	(0.9)	5.5	(1.3)	18.9	(2.3)	33.0	(2.3)	28.1	(2.0)	11.1	(1.7)	1.6	(0.6)
Italy (Provincia Sicilia)	18.8	(3.1)	24.1	(3.2)	23.1	(2.2)	21.0	(2.6)	10.5	(1.8)	2.5	(1.0)	a	a
Italy (Provincia Liguria)	8.4	(2.3)	16.8	(2.5)	24.1	(2.4)	27.1	(2.3)	16.6	(1.7)	6.2	(1.3)	0.7	(0.4)
Italy (Provincia Lombardia)	5.9	(2.4)	13.9	(2.4)	23.5	(2.4)	29.3	(2.4)	19.7	(2.7)	6.8	(1.4)	0.8	(0.4)
Italy (Provincia Piemonte)	5.1	(1.4)	11.6	(2.0)	23.6	(2.0)	30.3	(2.2)	21.9	(2.5)	6.9	(1.3)	0.7	(0.4)
Italy (Provincia Trento)	3.4	(0.5)	11.2	(1.1)	19.5	(1.5)	27.8	(2.5)	24.4	(3.1)	11.6	(2.2)	2.1	(0.7)
Italy (Provincia Sardegna)	13.9	(2.8)	24.5	(2.8)	26.1	(3.1)	21.3	(2.7)	11.5	(2.1)	2.5	(1.2)	0.2	a
Italy (Provincia Puglia)	9.0	(1.5)	27.0	(2.2)	30.8	(2.4)	22.8	(1.8)	8.8	(1.6)	1.6	(0.7)	0.0	a
Italy (Provincia Veneto)	1.4	(0.6)	7.7	(1.9)	20.6	(2.3)	30.0	(2.4)	28.0	(2.4)	10.7	(1.5)	1.6	(0.4)
Spain (Andalusia)	5.9	(1.2)	16.0	(1.8)	28.7	(2.5)	29.0	(2.7)	16.8	(1.7)	3.4	(0.9)	0.2	(0.2)
Spain (Basque Country)	4.1	(0.8)	13.5	(1.1)	26.6	(1.3)	31.8	(1.3)	19.0	(1.3)	4.6	(0.7)	0.3	(0.2)
Spain (Cantabria)	3.4	(0.8)	10.0	(1.3)	24.5	(1.9)	30.0	(1.9)	24.2	(2.4)	7.4	(1.1)	0.5	(0.3)
Spain (Galicia)	3.4	(0.8)	11.6	(1.3)	26.1	(1.6)	28.4	(1.8)	22.2	(1.5)	7.3	(0.9)	1.0	(0.4)
Spain (La Rioja)	2.3	(0.7)	8.6	(1.4)	22.5	(2.3)	30.9	(2.6)	26.1	(2.1)	8.8	(1.4)	0.9	(0.4)
Spain (Castile and Leon)	0.9	(0.6)	8.6	(1.3)	22.9	(2.1)	34.4	(2.3)	25.2	(2.0)	7.6	(1.1)	0.4	(0.3)
Spain (Navarre)	2.2	(0.6)	12.5	(1.5)	23.3	(2.2)	28.4	(2.0)	23.3	(2.0)	9.0	(1.1)	1.2	(0.5)
Spain (Aragon)	2.3	(0.8)	11.5	(1.7)	24.4	(2.1)	29.6	(2.3)	23.7	(2.3)	7.3	(1.1)	1.1	(0.5)
Spain (Catalonia)	4.4	(1.1)	13.4	(1.9)	24.8	(2.0)	32.6	(2.4)	19.5	(2.2)	4.5	(1.0)	0.7	(0.4)
Spain (Asturias)	2.6	(1.1)	10.1	(1.7)	23.7	(2.4)	34.2	(2.0)	22.3	(1.8)	6.3	(1.3)	0.8	(0.4)
United Kingdom (Scotland)	4.2	(0.9)	10.7	(1.3)	22.6	(1.5)	27.2	(1.7)	22.1	(1.7)	10.6	(1.4)	2.5	(0.6)
Non-adjudicated														
Belgium (French Community)	8.4	(1.8)	17.7	(2.1)	22.6	(2.0)	25.0	(1.9)	18.6	(1.4)	6.8	(1.0)	0.9	(0.3)
Belgium (German-Speaking Community)	3.6	(1.0)	12.5	(2.2)	20.4	(2.0)	25.0	(2.4)	23.8	(2.3)	12.4	(1.9)	2.4	(0.8)
Finland (Finnish Speaking)	0.5	(0.2)	4.3	(0.7)	14.5	(0.9)	27.8	(1.4)	30.8	(1.2)	17.3	(1.0)	4.8	(0.5)
Finland (Swedish Speaking)	2.6	(1.6)	5.4	(2.5)	17.1	(5.0)	33.0	(3.5)	30.2	(4.0)	10.2	(3.2)	1.6	(1.3)
United Kingdom (England)	5.4	(0.9)	11.3	(1.0)	20.2	(1.0)	23.8	(1.0)	22.7	(1.0)	12.6	(0.9)	3.9	(0.6)
United Kingdom (Northern Ireland)	7.0	(1.1)	13.9	(1.4)	20.1	(1.5)	23.3	(1.5)	20.2	(1.9)	12.3	(1.5)	3.2	(0.7)
United Kingdom (Wales)	4.4	(0.9)	13.4	(1.1)	22.7	(1.3)	26.1	(1.2)	21.5	(1.3)	9.5	(1.0)	2.4	(0.6)

	Females – Proficiency levels													
	Below Level 1 (below 334.94 score points)		Level 1 (from 334.94 to 409.54 score points)		Level 2 (from 409.54 to 484.14 score points)		Level 3 (from 484.14 to 558.73 score points)		Level 4 (from 558.73 to 633.33 score points)		Level 5 (from 633.33 to 707.93 score points)		Level 6 (above 707.93 score points)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
Adjudicated														
Belgium (Flemish Community)	2.8	(0.6)	8.5	(1.0)	17.2	(1.3)	31.9	(1.6)	28.9	(1.6)	10.1	(0.9)	0.6	(0.3)
Italy (Provincia Autonoma of Bolzano)	1.9	(0.7)	7.9	(1.1)	24.4	(1.6)	31.8	(2.0)	25.0	(1.6)	8.2	(1.0)	0.9	(0.3)
Italy (Provincia Campania)	11.3	(2.1)	29.7	(3.1)	33.1	(3.1)	19.4	(2.4)	5.7	(1.5)	0.9	(0.5)	a	a
Italy (Provincia Basilicata)	6.6	(1.2)	23.6	(2.3)	35.6	(3.0)	23.9	(2.6)	9.1	(1.5)	1.0	(0.7)	0.0	a
Italy (Provincia Emilia Romagna)	4.5	(1.3)	13.4	(1.6)	23.1	(2.1)	27.9	(2.2)	23.4	(1.8)	7.2	(1.5)	0.5	(0.4)
Italy (Provincia Friuli Venezia Giulia)	1.5	(0.8)	6.8	(1.2)	18.7	(2.0)	35.5	(2.3)	28.0	(2.3)	8.4	(1.5)	1.1	(0.5)
Italy (Provincia Sicilia)	13.4	(2.4)	26.8	(2.7)	30.8	(3.1)	21.2	(2.9)	6.7	(1.4)	1.0	(0.6)	0.0	a
Italy (Provincia Liguria)	4.4	(1.1)	12.8	(2.0)	25.4	(2.6)	32.6	(2.1)	20.5	(2.3)	4.0	(1.0)	0.2	(0.2)
Italy (Provincia Lombardia)	4.7	(1.1)	11.5	(1.6)	22.9	(2.3)	33.0	(2.3)	22.0	(1.9)	5.6	(1.2)	0.4	(0.3)
Italy (Provincia Piemonte)	2.3	(0.9)	10.2	(1.2)	22.4	(2.2)	34.4	(2.1)	23.4	(2.4)	6.9	(1.4)	0.4	(0.4)
Italy (Provincia Trento)	1.9	(0.6)	8.9	(1.2)	20.1	(1.8)	33.6	(2.2)	27.6	(2.5)	7.6	(1.5)	0.2	(0.2)
Italy (Provincia Sardegna)	9.1	(1.7)	21.4	(2.7)	32.7	(2.4)	26.4	(2.4)	9.4	(2.0)	1.0	(0.5)	a	a
Italy (Provincia Puglia)	7.6	(1.5)	22.8	(2.5)	37.1	(3.0)	23.7	(1.9)	7.8	(1.1)	0.9	(0.5)	a	a
Italy (Provincia Veneto)	2.7	(0.8)	9.8	(1.6)	22.7	(2.6)	31.7	(2.6)	24.7	(3.1)	7.6	(1.7)	0.9	(0.5)
Spain (Andalusia)	6.0	(1.2)	18.7	(1.4)	31.6	(2.1)	29.0	(2.4)	12.5	(1.3)	2.2	(0.7)	0.1	a
Spain (Basque Country)	2.3	(0.6)	11.5	(1.1)	29.3	(1.3)	35.2	(1.8)	18.0	(1.3)	3.5	(0.8)	0.3	(0.2)
Spain (Cantabria)	2.5	(0.7)	9.2	(1.6)	25.2	(2.0)	36.3	(2.5)	21.4	(2.0)	5.3	(0.9)	0.2	a
Spain (Galicia)	2.2	(0.6)	11.2	(1.3)	27.7	(2.2)	33.5	(2.2)	20.4	(2.0)	4.6	(1.1)	0.4	(0.3)
Spain (La Rioja)	1.8	(0.5)	8.0	(1.5)	24.3	(3.1)	33.9	(2.4)	24.1	(1.9)	7.3	(1.2)	0.7	(0.4)
Spain (Castile and Leon)	0.8	(0.5)	7.2	(1.3)	26.1	(2.8)	33.7	(2.9)	25.0	(2.4)	6.5	(1.1)	0.7	(0.5)
Spain (Navarre)	1.8	(0.6)	10.6	(1.3)	26.5	(1.9)	32.7	(2.2)	21.7	(1.8)	6.1	(1.1)	0.5	(0.4)
Spain (Aragon)	2.6	(0.7)	8.2	(1.5)	24.2	(2.5)	32.3	(2.1)	25.2	(2.3)	7.0	(1.4)	0.5	(0.4)
Spain (Catalonia)	5.0	(1.1)	14.5	(1.4)	27.5	(2.3)	30.8	(2.0)	18.2	(2.2)	3.8	(1.0)	0.1	a
Spain (Asturias)	2.0	(0.8)	10.0	(1.6)	25.9	(2.8)	35.9	(2.8)	21.9	(2.0)	4.1	(1.0)	0.2	a
United Kingdom (Scotland)	3.0	(0.7)	11.4	(1.5)	25.7	(2.1)	28.7	(1.6)	19.3	(1.4)	9.6	(1.1)	2.4	(0.7)
Non-adjudicated														
Belgium (French Community)	7.0	(1.3)	15.2	(1.6)	25.2	(2.0)	27.4	(1.9)	18.8	(1.6)	5.9	(1.2)	0.6	(0.3)
Belgium (German-Speaking Community)	2.6	(0.9)	12.3	(2.0)	22.0	(2.5)	31.2	(2.7)	23.1	(2.2)	8.5	(1.6)	0.4	(0.5)
Finland (Finnish Speaking)	0.4	(0.2)	2.5	(0.5)	12.2	(0.9)	30.3	(1.3)	34.0	(1.3)	17.2	(1.0)	3.4	(0.5)
Finland (Swedish Speaking)	1.4	a	9.5	(3.7)	21.3	(4.0)	29.5	(6.3)	27.2	(5.7)	10.4	(3.6)	0.7	a
United Kingdom (England)	4.3	(0.6)	12.4	(1.0)	22.7	(1.2)	27.7	(1.2)	21.4	(1.1)	9.5	(0.8)	2.1	(0.5)
United Kingdom (Northern Ireland)	6.2	(1.1)	13.6	(1.3)	21.0	(1.8)	25.2	(2.2)	21.7	(1.8)	10.0	(1.4)	2.3	(0.5)
United Kingdom (Wales)	4.7	(0.8)	13.7	(1.5)	25.9	(1.5)	27.8	(1.5)	18.1	(1.4)	8.4	(1.2)	1.4	(0.5)

Note: See Table 2.1b for national data.

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[Part 1/1]

Table S2c Mean score, variation and gender differences in student performance on the science scale

Tableau S2c Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle de culture scientifique

	All students				Gender differences					
	Mean score		Standard deviation		Males		Females		Difference (M – F)	
	Mean	S.E.	S.D.	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.
Adjudicated										
Belgium (Flemish Community)	529	(3.2)	93	(2.8)	530	(4.0)	528	(3.7)	3	(4.5)
Italy (Provincia Autonoma of Bolzano)	526	(2.0)	88	(1.6)	532	(3.1)	520	(2.6)	**12**	(4.1)
Italy (Provincia Campania)	442	(5.9)	83	(3.3)	453	(5.6)	432	(7.3)	**20**	(6.3)
Italy (Provincia Basilicata)	451	(5.0)	85	(2.8)	449	(6.8)	453	(5.3)	-4	(7.2)
Italy (Provincia Emilia Romagna)	510	(3.7)	94	(2.8)	516	(4.9)	503	(4.5)	**13**	(5.6)
Italy (Provincia Friuli Venezia Giulia)	534	(3.3)	85	(2.6)	536	(5.4)	531	(4.9)	6	(7.9)
Italy (Provincia Sicilia)	433	(7.2)	98	(4.3)	432	(9.8)	434	(7.8)	-2	(10.0)
Italy (Provincia Liguria)	488	(6.7)	96	(3.0)	482	(9.1)	495	(6.1)	-13	(8.0)
Italy (Provincia Lombardia)	499	(6.2)	95	(3.8)	496	(10.4)	503	(5.5)	-7	(10.9)
Italy (Provincia Piemonte)	508	(4.7)	90	(3.0)	503	(6.8)	513	(5.3)	-10	(7.5)
Italy (Provincia Trento)	521	(2.0)	93	(1.7)	522	(3.9)	520	(2.8)	2	(5.4)
Italy (Provincia Sardegna)	449	(6.1)	92	(3.6)	446	(8.9)	452	(5.9)	-6	(8.7)
Italy (Provincia Puglia)	447	(4.3)	83	(2.3)	446	(5.6)	449	(4.3)	-4	(4.8)
Italy (Provincia Veneto)	524	(5.4)	89	(2.3)	532	(6.9)	515	(8.0)	17	(10.8)
Spain (Andalusia)	474	(4.0)	88	(2.4)	480	(5.0)	468	(4.1)	**11**	(4.5)
Spain (Basque Country)	495	(3.5)	84	(1.9)	493	(4.1)	496	(3.5)	-3	(3.2)
Spain (Cantabria)	509	(3.6)	86	(1.8)	511	(5.1)	508	(3.3)	3	(4.7)
Spain (Galicia)	505	(3.4)	87	(1.6)	507	(3.8)	502	(3.9)	4	(3.4)
Spain (La Rioja)	520	(2.5)	87	(2.1)	521	(3.5)	518	(3.7)	3	(5.1)
Spain (Castile and Leon)	520	(3.9)	79	(1.6)	521	(4.3)	519	(4.4)	2	(3.8)
Spain (Navarre)	511	(2.9)	88	(2.0)	514	(3.5)	509	(3.7)	5	(4.2)
Spain (Aragon)	513	(3.9)	88	(1.9)	512	(5.4)	515	(4.4)	-4	(5.9)
Spain (Catalonia)	491	(5.1)	90	(2.3)	496	(6.5)	487	(4.9)	9	(5.2)
Spain (Asturias)	508	(4.9)	83	(2.4)	511	(6.3)	506	(4.8)	5	(5.1)
United Kingdom (Scotland)	515	(4.0)	100	(2.0)	517	(5.0)	512	(4.0)	4	(4.4)
Non-adjudicated										
Belgium (French Community)	486	(4.3)	103	(3.0)	484	(5.6)	487	(5.4)	-3	(6.8)
Belgium (German-Speaking Community)	516	(2.9)	97	(2.5)	521	(4.2)	511	(4.8)	10	(7.0)
Finland (Finnish Speaking)	565	(2.1)	85	(1.0)	563	(2.7)	567	(2.4)	-4	(3.1)
Finland (Swedish Speaking)	531	(6.2)	86	(4.1)	536	(6.9)	526	(9.2)	10	(10.5)
United Kingdom (England)	516	(2.7)	107	(1.8)	521	(3.5)	510	(3.2)	**11**	(4.1)
United Kingdom (Northern Ireland)	508	(3.3)	113	(2.3)	509	(6.0)	507	(5.8)	2	(9.7)
United Kingdom (Wales)	505	(3.5)	102	(1.9)	510	(4.0)	500	(4.2)	**10**	(4.3)

	Percentiles											
	5th		10th		25th		75th		90th		95th	
	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
Adjudicated												
Belgium (Flemish Community)	363	(10.1)	400	(6.7)	468	(4.5)	598	(2.6)	642	(2.7)	665	(2.9)
Italy (Provincia Autonoma of Bolzano)	374	(8.2)	411	(5.2)	468	(4.4)	589	(2.4)	636	(2.8)	664	(4.3)
Italy (Provincia Campania)	311	(7.0)	336	(5.3)	383	(5.8)	501	(7.5)	549	(7.9)	577	(10.2)
Italy (Provincia Basilicata)	312	(9.0)	341	(7.9)	393	(7.0)	509	(5.9)	565	(5.7)	593	(5.7)
Italy (Provincia Emilia Romagna)	348	(10.0)	381	(7.9)	448	(6.1)	579	(4.4)	627	(6.0)	656	(7.5)
Italy (Provincia Friuli Venezia Giulia)	390	(9.2)	423	(5.4)	480	(3.9)	591	(4.6)	638	(6.4)	668	(7.9)
Italy (Provincia Sicilia)	276	(7.7)	307	(7.3)	363	(8.0)	503	(8.6)	560	(6.9)	592	(9.4)
Italy (Provincia Liguria)	323	(13.7)	356	(11.3)	423	(9.8)	556	(6.7)	610	(6.7)	639	(9.3)
Italy (Provincia Lombardia)	332	(15.1)	371	(12.7)	438	(9.9)	566	(6.6)	616	(6.0)	643	(6.6)
Italy (Provincia Piemonte)	354	(9.4)	390	(6.9)	449	(6.9)	572	(7.0)	621	(5.8)	650	(7.3)
Italy (Provincia Trento)	361	(3.6)	395	(3.9)	460	(3.0)	588	(3.5)	636	(5.5)	662	(4.6)
Italy (Provincia Sardegna)	298	(9.7)	327	(8.9)	383	(7.8)	515	(7.7)	571	(9.8)	598	(9.4)
Italy (Provincia Puglia)	316	(6.7)	342	(6.2)	390	(5.9)	503	(5.6)	557	(6.5)	588	(8.1)
Italy (Provincia Veneto)	372	(8.3)	405	(8.0)	463	(7.5)	588	(5.9)	635	(5.4)	663	(7.7)
Spain (Andalusia)	327	(9.2)	359	(7.6)	414	(5.6)	536	(3.9)	586	(4.5)	614	(5.7)
Spain (Basque Country)	354	(5.5)	386	(4.7)	439	(4.2)	554	(3.9)	601	(3.9)	628	(4.9)
Spain (Cantabria)	363	(7.7)	399	(6.4)	454	(4.2)	570	(3.9)	618	(4.6)	644	(5.6)
Spain (Galicia)	359	(6.4)	389	(5.2)	445	(4.4)	567	(4.6)	617	(4.1)	644	(5.2)
Spain (La Rioja)	377	(8.9)	408	(4.9)	461	(5.4)	582	(3.7)	628	(4.6)	655	(5.8)
Spain (Castile and Leon)	386	(7.8)	417	(6.9)	464	(5.0)	576	(4.1)	623	(4.8)	649	(6.1)
Spain (Navarre)	365	(5.6)	394	(3.9)	448	(5.0)	576	(4.1)	627	(5.1)	655	(7.2)
Spain (Aragon)	366	(7.5)	398	(6.3)	454	(4.9)	576	(5.2)	625	(5.2)	652	(6.0)
Spain (Catalonia)	338	(8.2)	370	(6.5)	432	(6.6)	555	(6.4)	603	(5.6)	631	(6.7)
Spain (Asturias)	365	(10.8)	399	(8.0)	454	(6.4)	566	(5.3)	613	(4.8)	639	(5.6)
United Kingdom (Scotland)	350	(7.5)	387	(6.4)	446	(4.7)	585	(5.2)	646	(5.8)	679	(6.7)
Non-adjudicated												
Belgium (French Community)	312	(9.4)	349	(8.4)	413	(6.5)	561	(5.1)	618	(5.1)	648	(5.9)
Belgium (German-Speaking Community)	354	(8.1)	387	(5.4)	446	(4.7)	588	(4.3)	641	(5.0)	667	(7.7)
Finland (Finnish Speaking)	421	(4.6)	454	(3.0)	508	(2.9)	623	(2.4)	674	(2.8)	701	(3.0)
Finland (Swedish Speaking)	374	(21.4)	415	(21.0)	474	(9.4)	590	(7.7)	639	(9.3)	663	(12.5)
United Kingdom (England)	336	(6.8)	375	(5.1)	442	(3.6)	592	(3.3)	653	(3.5)	686	(3.8)
United Kingdom (Northern Ireland)	320	(6.4)	359	(4.9)	428	(4.8)	590	(4.9)	652	(3.3)	686	(4.5)
United Kingdom (Wales)	339	(5.9)	373	(5.6)	433	(4.2)	577	(4.3)	638	(5.2)	673	(5.7)

Note: Values that are statistically significant are indicated in bold (see Annex A3). See Table 2.1c for national data.

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[Part 1/1]

Table S2d Percentage of students at each proficiency level on the *identifying scientific issues* scale

Tableau S2d Pourcentage d'élèves à chaque niveau de compétence sur l'échelle d'*identification des questions d'ordre scientifique*

	Proficiency levels													
	Below Level 1 (below 334.94 score points)		Level 1 (from 334.94 to 409.54 score points)		Level 2 (from 409.54 to 484.14 score points)		Level 3 (from 484.14 to 558.73 score points)		Level 4 (from 558.73 to 633.33 score points)		Level 5 (from 633.33 to 707.93 score points)		Level 6 (above 707.93 score points)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
Adjudicated														
Belgium (Flemish Community)	2.3	(0.8)	8.4	(0.7)	19.3	(0.8)	30.5	(1.1)	26.9	(1.0)	11.1	(0.8)	1.5	(0.3)
Italy (Provincia Autonoma of Bolzano)	2.2	(0.4)	9.0	(0.9)	22.6	(1.4)	33.8	(1.6)	24.6	(1.3)	7.4	(0.8)	0.5	(0.2)
Italy (Provincia Campania)	11.2	(1.9)	23.9	(2.0)	31.7	(2.2)	22.9	(2.2)	8.9	(1.5)	1.4	(0.5)	0.1	a
Italy (Provincia Basilicata)	10.3	(1.2)	21.8	(1.6)	31.3	(1.7)	24.2	(1.6)	10.3	(1.1)	2.0	(0.5)	0.2	(0.2)
Italy (Provincia Emilia Romagna)	4.1	(0.8)	11.6	(1.2)	23.8	(1.5)	28.0	(1.5)	23.0	(1.3)	8.6	(1.3)	1.0	(0.3)
Italy (Provincia Friuli Venezia Giulia)	1.9	(0.6)	7.6	(1.0)	18.6	(1.4)	30.5	(1.7)	28.3	(1.7)	11.3	(1.3)	1.7	(0.6)
Italy (Provincia Sicilia)	16.2	(2.3)	22.9	(2.1)	28.8	(1.8)	21.1	(2.3)	9.2	(1.5)	1.7	(0.5)	0.1	a
Italy (Provincia Liguria)	6.8	(1.0)	14.6	(1.6)	25.5	(1.8)	29.6	(1.7)	18.2	(1.7)	4.9	(0.8)	0.3	(0.2)
Italy (Provincia Lombardia)	6.4	(1.4)	12.1	(1.4)	24.4	(1.5)	29.8	(1.9)	20.6	(2.1)	6.1	(1.2)	0.6	(0.3)
Italy (Provincia Piemonte)	3.7	(0.7)	11.1	(1.2)	23.8	(1.8)	32.2	(2.2)	21.6	(1.9)	6.8	(1.0)	0.8	(0.3)
Italy (Provincia Trento)	3.6	(0.4)	9.6	(0.8)	19.0	(1.0)	29.0	(1.8)	25.2	(2.3)	11.0	(1.3)	2.5	(0.6)
Italy (Provincia Sardegna)	11.0	(1.7)	21.1	(2.0)	29.2	(2.1)	25.9	(1.9)	10.9	(1.8)	1.6	(0.7)	0.2	(0.1)
Italy (Provincia Puglia)	10.0	(1.7)	22.5	(1.4)	34.5	(1.4)	21.9	(1.6)	9.2	(1.0)	1.8	(0.4)	0.1	(0.1)
Italy (Provincia Veneto)	2.1	(0.6)	9.6	(1.5)	22.3	(1.7)	30.6	(1.5)	25.1	(1.8)	8.8	(1.2)	1.4	(0.5)
Spain (Andalusia)	5.3	(0.9)	16.3	(1.3)	31.0	(1.3)	29.9	(1.3)	14.6	(1.0)	2.7	(0.5)	0.2	(0.1)
Spain (Basque Country)	4.2	(0.6)	13.6	(1.0)	29.4	(1.0)	33.2	(1.1)	16.4	(1.0)	3.0	(0.5)	0.2	(0.1)
Spain (Cantabria)	3.3	(0.7)	9.7	(1.1)	26.2	(1.5)	34.6	(1.6)	20.9	(1.3)	4.8	(0.7)	0.6	(0.2)
Spain (Galicia)	3.4	(0.7)	10.3	(1.1)	26.6	(1.2)	32.0	(1.7)	21.8	(1.5)	5.3	(0.8)	0.6	(0.2)
Spain (La Rioja)	2.7	(0.6)	9.0	(1.1)	23.9	(1.7)	34.9	(2.2)	23.2	(1.6)	6.0	(0.8)	0.4	(0.2)
Spain (Castile and Leon)	1.4	(0.5)	8.4	(1.4)	26.2	(2.0)	35.1	(1.5)	22.3	(1.9)	5.8	(1.2)	0.7	(0.3)
Spain (Navarre)	2.8	(0.6)	12.5	(1.1)	25.7	(1.5)	32.0	(1.7)	21.1	(1.3)	5.6	(0.8)	0.3	(0.2)
Spain (Aragon)	3.2	(0.6)	11.1	(1.3)	24.7	(2.6)	31.7	(1.7)	22.6	(1.9)	6.2	(1.0)	0.5	(0.3)
Spain (Catalonia)	4.6	(0.9)	12.7	(1.5)	25.6	(1.7)	34.6	(1.8)	18.7	(1.3)	3.6	(0.6)	0.2	(0.1)
Spain (Asturias)	2.4	(0.7)	10.0	(1.2)	23.5	(1.4)	35.5	(1.4)	22.5	(1.6)	5.6	(0.8)	0.4	(0.2)
United Kingdom (Scotland)	3.5	(0.6)	10.7	(1.0)	23.9	(1.3)	28.4	(1.3)	20.9	(0.9)	9.8	(0.8)	2.8	(0.5)
Non-adjudicated														
Belgium (French Community)	7.5	(1.4)	13.4	(1.2)	23.5	(1.4)	25.9	(1.5)	20.2	(1.0)	7.9	(0.8)	1.5	(0.4)
Belgium (German-Speaking Community)	2.3	(0.8)	11.1	(1.6)	25.6	(2.0)	28.7	(2.5)	22.8	(1.8)	8.4	(1.1)	1.1	(0.5)
Finland (Finnish Speaking)	0.8	(0.2)	3.8	(0.4)	14.2	(0.7)	30.4	(1.0)	33.1	(1.1)	14.9	(0.8)	2.7	(0.3)
Finland (Swedish Speaking)	2.5	(1.2)	7.2	(2.4)	20.9	(3.0)	32.7	(3.2)	27.7	(3.7)	8.1	(2.5)	0.9	(0.9)
United Kingdom (England)	4.9	(0.6)	11.1	(0.7)	22.3	(0.7)	26.5	(0.9)	22.2	(0.8)	10.3	(0.6)	2.7	(0.3)
United Kingdom (Northern Ireland)	6.5	(0.8)	13.4	(0.9)	21.9	(0.9)	25.1	(1.2)	21.6	(1.0)	9.4	(0.7)	2.1	(0.4)
United Kingdom (Wales)	4.9	(0.6)	14.2	(0.9)	24.8	(1.3)	26.7	(1.2)	20.0	(1.0)	7.7	(0.7)	1.7	(0.5)

Note: See Table 2.2a for national data.

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[Part 1/1]

Table S2e Percentage of students at each proficiency level on the *identifying scientific issues* scale, by gender

Tableau S2e Pourcentage d'élèves à chaque niveau de compétence sur l'échelle d'*identification des questions d'ordre scientifique*, selon le sexe

	Males – Proficiency levels													
	Below Level 1 (below 334.94 score points)		Level 1 (from 334.94 to 409.54 score points)		Level 2 (from 409.54 to 484.14 score points)		Level 3 (from 484.14 to 558.73 score points)		Level 4 (from 558.73 to 633.33 score points)		Level 5 (from 633.33 to 707.93 score points)		Level 6 (above 707.93 score points)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
Adjudicated														
Belgium (Flemish Community)	2.6	(1.2)	9.7	(0.9)	20.5	(1.2)	29.1	(1.7)	26.6	(1.4)	10.0	(1.0)	1.5	(0.3)
Italy (Provincia Autonoma of Bolzano)	3.1	(0.7)	10.8	(1.6)	21.8	(2.3)	32.7	(2.4)	24.5	(1.8)	6.6	(0.9)	0.5	(0.3)
Italy (Provincia Campania)	12.1	(2.2)	24.2	(2.4)	30.8	(2.8)	23.6	(3.2)	7.8	(1.8)	1.4	(0.6)	a	a
Italy (Provincia Basilicata)	13.8	(2.1)	25.3	(2.1)	28.1	(2.6)	21.7	(2.1)	9.0	(1.4)	2.0	(0.6)	0.3	(0.2)
Italy (Provincia Emilia Romagna)	4.4	(1.1)	11.4	(1.8)	24.7	(1.7)	29.4	(2.2)	20.9	(2.4)	7.9	(1.6)	1.3	(0.5)
Italy (Provincia Friuli Venezia Giulia)	2.5	(1.0)	8.1	(1.7)	20.7	(2.3)	30.0	(2.7)	27.7	(2.2)	9.5	(1.9)	1.4	(0.7)
Italy (Provincia Sicilia)	21.3	(3.4)	21.8	(2.9)	25.2	(2.3)	18.3	(2.6)	11.4	(2.3)	2.0	(0.8)	a	a
Italy (Provincia Liguria)	10.0	(1.9)	18.6	(2.4)	25.3	(2.7)	26.4	(2.6)	14.6	(2.1)	4.6	(1.1)	0.5	(0.3)
Italy (Provincia Lombardia)	8.6	(2.3)	13.9	(2.3)	25.5	(2.4)	28.3	(2.8)	17.5	(2.8)	5.6	(1.3)	0.6	(0.3)
Italy (Provincia Piemonte)	5.6	(1.5)	14.0	(1.8)	25.1	(3.1)	29.7	(3.4)	18.2	(2.1)	6.6	(1.4)	0.9	(0.4)
Italy (Provincia Trento)	5.0	(0.8)	12.1	(1.2)	20.4	(1.6)	26.0	(2.2)	21.3	(2.3)	11.3	(1.7)	3.9	(1.1)
Italy (Provincia Sardegna)	15.2	(2.9)	23.2	(2.9)	27.8	(3.0)	21.2	(2.5)	10.5	(2.1)	1.8	(0.9)	0.3	(0.2)
Italy (Provincia Puglia)	13.1	(2.5)	24.8	(2.0)	31.0	(2.1)	20.9	(1.8)	8.5	(1.3)	1.6	(0.4)	0.0	a
Italy (Provincia Veneto)	2.3	(0.8)	9.8	(2.2)	23.3	(2.5)	30.2	(2.4)	24.1	(2.8)	8.8	(1.9)	1.5	(0.6)
Spain (Andalusia)	7.1	(1.4)	17.1	(1.8)	30.7	(1.9)	27.6	(2.3)	14.9	(1.6)	2.4	(0.8)	0.1	(0.2)
Spain (Basque Country)	6.6	(0.9)	16.3	(1.4)	30.1	(1.4)	29.8	(1.4)	14.7	(1.2)	2.4	(0.5)	0.1	(0.1)
Spain (Cantabria)	4.5	(0.9)	11.2	(1.6)	27.3	(2.5)	31.0	(2.6)	20.2	(1.8)	4.9	(0.8)	0.8	(0.3)
Spain (Galicia)	4.2	(0.9)	12.8	(1.4)	28.4	(1.7)	29.2	(2.3)	19.4	(1.7)	5.3	(1.1)	0.6	(0.3)
Spain (La Rioja)	3.4	(0.9)	10.2	(1.7)	26.3	(2.3)	32.7	(2.7)	21.6	(2.1)	5.3	(0.9)	0.5	(0.3)
Spain (Castile and Leon)	2.1	(0.7)	10.3	(1.9)	28.1	(2.6)	33.2	(2.0)	21.2	(2.3)	4.7	(1.2)	0.4	(0.3)
Spain (Navarre)	3.6	(0.9)	14.5	(1.6)	24.1	(1.9)	30.5	(2.2)	20.1	(2.1)	6.9	(1.2)	0.4	(0.3)
Spain (Aragon)	3.1	(0.9)	13.4	(1.6)	24.8	(2.8)	30.8	(2.6)	21.6	(2.3)	6.0	(1.1)	0.5	(0.3)
Spain (Catalonia)	5.5	(1.5)	13.3	(2.1)	27.5	(2.4)	33.1	(2.1)	17.2	(1.8)	3.0	(0.9)	0.3	(0.2)
Spain (Asturias)	3.4	(1.0)	11.2	(1.7)	24.8	(2.3)	33.1	(2.1)	21.3	(2.0)	5.6	(1.1)	0.6	(0.3)
United Kingdom (Scotland)	4.9	(0.9)	11.4	(1.3)	24.0	(1.9)	27.8	(2.0)	19.8	(1.3)	9.9	(1.1)	2.1	(0.5)
Non-adjudicated														
Belgium (French Community)	9.5	(2.3)	15.0	(1.8)	23.7	(2.1)	24.1	(2.0)	18.9	(1.9)	7.2	(1.0)	1.6	(0.5)
Belgium (German-Speaking Community)	3.7	(1.0)	12.1	(1.9)	24.0	(2.5)	26.7	(2.8)	22.7	(2.4)	9.3	(1.7)	1.6	(0.9)
Finland (Finnish Speaking)	1.2	(0.3)	5.7	(0.6)	17.0	(1.0)	31.5	(1.0)	30.0	(1.2)	12.4	(0.9)	2.2	(0.3)
Finland (Swedish Speaking)	4.2	(2.2)	7.6	(2.5)	21.4	(6.0)	35.9	(4.6)	24.3	(4.7)	6.1	(2.5)	0.4	a
United Kingdom (England)	5.8	(0.8)	12.1	(0.9)	21.5	(1.0)	25.7	(1.3)	21.4	(1.5)	10.6	(0.9)	2.9	(0.5)
United Kingdom (Northern Ireland)	7.9	(1.2)	14.4	(1.3)	22.7	(1.6)	24.1	(1.5)	20.0	(1.6)	8.7	(1.0)	2.1	(0.5)
United Kingdom (Wales)	5.4	(0.7)	15.6	(1.2)	24.1	(1.7)	25.9	(1.6)	19.8	(1.4)	7.7	(0.8)	1.5	(0.5)

	Females – Proficiency levels													
	Below Level 1 (below 334.94 score points)		Level 1 (from 334.94 to 409.54 score points)		Level 2 (from 409.54 to 484.14 score points)		Level 3 (from 484.14 to 558.73 score points)		Level 4 (from 558.73 to 633.33 score points)		Level 5 (from 633.33 to 707.93 score points)		Level 6 (above 707.93 score points)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
Adjudicated														
Belgium (Flemish Community)	2.0	(0.5)	6.9	(0.9)	17.9	(1.3)	32.1	(1.3)	27.1	(1.4)	12.4	(1.2)	1.6	(0.4)
Italy (Provincia Autonoma of Bolzano)	1.2	(0.4)	7.2	(1.5)	23.3	(1.7)	34.9	(1.8)	24.6	(1.9)	8.3	(1.1)	0.5	(0.3)
Italy (Provincia Campania)	10.2	(2.2)	23.6	(2.5)	32.6	(2.5)	22.1	(2.5)	10.0	(1.9)	1.5	(0.6)	0.1	a
Italy (Provincia Basilicata)	6.6	(1.0)	18.0	(2.3)	34.7	(2.2)	26.9	(2.0)	11.7	(1.7)	2.0	(0.8)	0.2	(0.2)
Italy (Provincia Emilia Romagna)	3.8	(1.1)	11.8	(1.5)	22.8	(2.0)	26.5	(2.5)	25.1	(2.1)	9.2	(1.9)	0.7	(0.3)
Italy (Provincia Friuli Venezia Giulia)	1.2	(0.8)	7.2	(1.5)	16.5	(1.8)	31.0	(2.4)	28.9	(2.8)	13.1	(2.0)	2.1	(0.9)
Italy (Provincia Sicilia)	11.4	(2.7)	24.0	(2.9)	32.2	(2.8)	23.7	(3.1)	7.1	(1.6)	1.5	(0.5)	0.1	a
Italy (Provincia Liguria)	3.5	(0.8)	10.4	(1.7)	25.8	(2.5)	33.0	(1.9)	21.9	(2.2)	5.2	(1.2)	0.2	(0.2)
Italy (Provincia Lombardia)	4.3	(1.0)	10.2	(1.3)	23.4	(2.4)	31.3	(3.1)	23.6	(2.6)	6.6	(1.8)	0.6	(0.5)
Italy (Provincia Piemonte)	2.1	(0.8)	8.6	(1.2)	22.6	(1.8)	34.4	(2.0)	24.5	(2.6)	7.0	(1.5)	0.7	(0.3)
Italy (Provincia Trento)	2.2	(0.6)	7.1	(0.9)	17.7	(1.4)	32.0	(2.6)	29.2	(3.4)	10.7	(2.0)	1.1	(0.6)
Italy (Provincia Sardegna)	6.6	(1.3)	19.1	(2.5)	30.7	(2.5)	30.8	(2.3)	11.4	(2.2)	1.4	(0.8)	a	a
Italy (Provincia Puglia)	6.9	(1.5)	20.3	(2.1)	37.9	(2.1)	22.7	(2.3)	9.9	(1.2)	2.0	(0.6)	0.3	(0.2)
Italy (Provincia Veneto)	2.0	(0.7)	9.5	(2.2)	21.2	(2.3)	31.0	(2.6)	26.1	(3.0)	8.9	(1.6)	1.3	(0.7)
Spain (Andalusia)	3.6	(1.0)	15.5	(1.7)	31.3	(2.1)	32.2	(1.9)	14.3	(1.6)	3.0	(0.6)	0.2	(0.2)
Spain (Basque Country)	1.8	(0.4)	10.9	(1.1)	28.7	(1.4)	36.7	(1.5)	18.1	(1.4)	3.6	(0.8)	0.3	(0.2)
Spain (Cantabria)	2.1	(0.7)	8.1	(1.3)	25.0	(2.0)	38.2	(2.4)	21.5	(2.3)	4.8	(1.1)	0.3	(0.2)
Spain (Galicia)	2.4	(0.8)	7.5	(1.3)	24.6	(1.9)	35.1	(1.9)	24.4	(1.9)	5.3	(1.1)	0.7	(0.3)
Spain (La Rioja)	2.0	(0.7)	7.7	(1.3)	21.4	(2.0)	37.1	(3.1)	24.8	(2.5)	6.7	(1.2)	0.2	a
Spain (Castile and Leon)	0.7	(0.4)	6.3	(1.4)	24.1	(2.4)	37.2	(2.1)	23.6	(2.1)	7.1	(1.7)	0.9	(0.4)
Spain (Navarre)	2.0	(0.8)	10.5	(1.3)	27.3	(2.5)	33.5	(2.2)	22.1	(1.7)	4.3	(0.9)	0.2	(0.1)
Spain (Aragon)	3.2	(0.8)	8.8	(1.4)	24.6	(3.0)	32.7	(2.1)	23.8	(2.3)	6.4	(1.6)	0.6	(0.5)
Spain (Catalonia)	3.7	(0.9)	12.1	(1.6)	23.7	(1.9)	36.0	(2.4)	20.1	(1.8)	4.2	(0.9)	0.1	a
Spain (Asturias)	1.3	(0.6)	8.8	(1.6)	22.1	(1.7)	38.1	(1.8)	23.9	(2.2)	5.6	(1.0)	0.3	(0.2)
United Kingdom (Scotland)	2.1	(0.5)	9.9	(1.2)	23.7	(1.3)	29.0	(1.5)	21.9	(1.4)	9.8	(1.1)	3.6	(0.9)
Non-adjudicated														
Belgium (French Community)	5.4	(1.1)	11.7	(1.3)	23.4	(1.4)	27.9	(2.0)	21.5	(1.9)	8.7	(1.2)	1.4	(0.4)
Belgium (German-Speaking Community)	1.0	(0.9)	10.1	(2.1)	27.2	(2.9)	30.6	(3.5)	22.9	(2.8)	7.5	(1.5)	0.7	(0.5)
Finland (Finnish Speaking)	0.4	(0.1)	2.0	(0.4)	11.5	(1.1)	29.4	(1.8)	36.2	(1.6)	17.3	(1.1)	3.2	(0.4)
Finland (Swedish Speaking)	0.8	(1.0)	6.8	(3.2)	20.3	(3.9)	29.4	(5.6)	31.2	(5.6)	10.1	(3.8)	1.5	a
United Kingdom (England)	3.9	(0.7)	10.1	(0.9)	23.0	(1.1)	27.4	(1.2)	23.0	(1.1)	10.1	(0.9)	2.5	(0.4)
United Kingdom (Northern Ireland)	4.9	(1.0)	12.4	(1.3)	21.1	(1.6)	26.0	(2.0)	23.2	(1.8)	10.0	(1.1)	2.2	(0.6)
United Kingdom (Wales)	4.5	(0.8)	12.8	(1.4)	25.5	(1.8)	27.4	(2.2)	20.3	(1.9)	7.6	(1.0)	2.0	(0.8)

Note: See Table 2.2b for national data.

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[Part 1/1]

Table S2f Mean score, variation and gender differences in student performance on the *identifying scientific issues* scale

Tableau S2f Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle d'*identification des questions d'ordre scientifique*

	All students				Gender differences					
	Mean score		Standard deviation		Males		Females		Difference (M – F)	
	Mean	S.E.	S.D.	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.
Adjudicated										
Belgium (Flemish Community)	529	(3.4)	92	(3.1)	524	(4.4)	536	(3.6)	**-12**	(4.4)
Italy (Provincia Autonoma of Bolzano)	517	(2.0)	85	(1.6)	512	(2.9)	522	(2.9)	**-10**	(4.1)
Italy (Provincia Campania)	444	(6.2)	90	(3.4)	441	(6.4)	448	(7.6)	-7	(6.4)
Italy (Provincia Basilicata)	453	(4.9)	91	(2.7)	440	(6.8)	466	(4.8)	**-26**	(6.9)
Italy (Provincia Emilia Romagna)	508	(4.8)	97	(2.9)	506	(6.3)	511	(4.7)	-6	(5.7)
Italy (Provincia Friuli Venezia Giulia)	534	(3.6)	91	(2.7)	526	(6.0)	541	(5.9)	-15	(9.4)
Italy (Provincia Sicilia)	435	(7.9)	101	(5.0)	427	(10.7)	442	(8.7)	-16	(11.2)
Italy (Provincia Liguria)	486	(5.5)	96	(2.0)	471	(7.7)	503	(5.6)	**-32**	(8.3)
Italy (Provincia Lombardia)	495	(6.6)	99	(4.3)	483	(10.7)	507	(4.9)	**-24**	(10.0)
Italy (Provincia Piemonte)	506	(4.3)	92	(2.8)	493	(6.6)	517	(4.5)	**-23**	(7.1)
Italy (Provincia Trento)	525	(2.3)	101	(2.1)	518	(4.1)	532	(3.4)	**-14**	(6.0)
Italy (Provincia Sardegna)	452	(6.8)	95	(3.7)	440	(9.7)	465	(6.4)	**-25**	(9.3)
Italy (Provincia Puglia)	448	(4.9)	89	(2.8)	439	(6.0)	457	(4.8)	**-19**	(3.7)
Italy (Provincia Veneto)	521	(5.0)	91	(2.5)	518	(6.9)	523	(7.8)	-4	(10.8)
Spain (Andalusia)	477	(3.7)	87	(2.3)	470	(4.7)	482	(4.3)	**-12**	(5.2)
Spain (Basque Country)	487	(3.5)	84	(1.6)	474	(4.0)	500	(3.6)	**-26**	(2.9)
Spain (Cantabria)	504	(3.8)	85	(1.9)	499	(5.0)	510	(3.7)	**-11**	(4.5)
Spain (Galicia)	504	(4.1)	88	(2.0)	495	(4.8)	514	(4.6)	**-19**	(4.5)
Spain (La Rioja)	511	(2.6)	85	(2.3)	503	(3.8)	519	(3.2)	**-15**	(5.0)
Spain (Castile and Leon)	513	(5.5)	81	(2.1)	504	(5.9)	524	(5.6)	**-19**	(4.0)
Spain (Navarre)	502	(3.0)	86	(2.3)	500	(4.0)	505	(3.5)	-4	(4.6)
Spain (Aragon)	507	(4.6)	89	(1.9)	502	(5.5)	512	(5.3)	-10	(5.8)
Spain (Catalonia)	492	(4.5)	87	(2.4)	486	(5.8)	498	(4.6)	**-12**	(5.3)
Spain (Asturias)	510	(4.3)	84	(2.2)	504	(5.5)	516	(4.4)	**-12**	(5.2)
United Kingdom (Scotland)	516	(4.1)	101	(2.2)	509	(4.8)	523	(4.4)	**-15**	(4.0)
Non-adjudicated										
Belgium (French Community)	496	(4.6)	107	(3.5)	487	(6.3)	506	(5.5)	**-19**	(7.6)
Belgium (German-Speaking Community)	512	(2.7)	91	(2.1)	511	(4.2)	513	(4.6)	-2	(6.9)
Finland (Finnish Speaking)	556	(2.3)	84	(1.1)	543	(2.7)	569	(2.7)	**-26**	(2.9)
Finland (Swedish Speaking)	525	(6.5)	85	(4.1)	513	(8.4)	537	(8.2)	**-23**	(10.8)
United Kingdom (England)	515	(2.8)	106	(1.8)	512	(3.4)	518	(3.3)	-6	(3.9)
United Kingdom (Northern Ireland)	504	(3.8)	109	(2.7)	496	(6.0)	512	(5.6)	-16	(8.8)
United Kingdom (Wales)	500	(3.3)	101	(1.7)	497	(3.4)	504	(4.3)	-7	(4.3)

	Percentiles											
	5th		10th		25th		75th		90th		95th	
	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
Adjudicated												
Belgium (Flemish Community)	369	(11.1)	406	(6.8)	469	(4.2)	595	(3.3)	644	(3.8)	671	(3.9)
Italy (Provincia Autonoma of Bolzano)	369	(6.3)	404	(6.5)	461	(4.1)	577	(2.9)	624	(3.2)	649	(3.9)
Italy (Provincia Campania)	299	(9.7)	330	(8.8)	384	(7.8)	507	(8.1)	560	(6.8)	592	(8.4)
Italy (Provincia Basilicata)	306	(7.7)	333	(5.9)	390	(7.0)	515	(5.9)	571	(6.4)	603	(8.5)
Italy (Provincia Emilia Romagna)	345	(9.0)	380	(7.4)	442	(6.0)	580	(5.2)	632	(7.0)	659	(4.7)
Italy (Provincia Friuli Venezia Giulia)	374	(9.4)	414	(7.9)	475	(5.0)	597	(4.2)	646	(4.9)	675	(5.9)
Italy (Provincia Sicilia)	264	(24.3)	304	(12.9)	368	(8.5)	505	(8.6)	564	(8.6)	596	(8.0)
Italy (Provincia Liguria)	320	(8.4)	359	(6.8)	423	(8.3)	554	(5.6)	607	(6.5)	636	(7.1)
Italy (Provincia Lombardia)	320	(14.8)	364	(11.9)	435	(9.6)	565	(6.2)	615	(6.3)	646	(7.8)
Italy (Provincia Piemonte)	350	(8.4)	385	(8.2)	446	(6.5)	571	(6.4)	619	(6.5)	650	(5.9)
Italy (Provincia Trento)	351	(6.5)	391	(4.9)	460	(4.3)	595	(4.1)	651	(7.4)	685	(8.4)
Italy (Provincia Sardegna)	287	(11.4)	330	(10.7)	390	(7.9)	520	(8.2)	571	(9.9)	602	(12.3)
Italy (Provincia Puglia)	303	(10.6)	335	(10.1)	391	(7.4)	506	(4.8)	565	(5.8)	599	(5.1)
Italy (Provincia Veneto)	366	(9.9)	401	(7.8)	458	(7.3)	586	(4.8)	635	(6.2)	665	(6.5)
Spain (Andalusia)	332	(9.1)	366	(6.2)	420	(5.2)	537	(4.0)	586	(5.2)	612	(5.6)
Spain (Basque Country)	345	(6.5)	376	(4.4)	433	(4.9)	545	(3.6)	591	(3.8)	618	(4.5)
Spain (Cantabria)	359	(8.6)	398	(6.5)	449	(5.2)	562	(4.2)	610	(5.0)	636	(5.4)
Spain (Galicia)	355	(10.4)	393	(6.4)	447	(4.2)	565	(4.8)	613	(4.7)	640	(6.0)
Spain (La Rioja)	368	(7.0)	402	(5.7)	460	(4.4)	570	(3.9)	616	(4.5)	641	(5.0)
Spain (Castile and Leon)	380	(9.1)	411	(6.9)	461	(6.2)	569	(5.6)	617	(6.9)	643	(7.9)
Spain (Navarre)	359	(6.1)	388	(5.4)	443	(5.3)	563	(3.5)	612	(4.0)	638	(6.0)
Spain (Aragon)	353	(7.1)	390	(5.6)	447	(6.0)	570	(5.0)	619	(5.2)	644	(6.8)
Spain (Catalonia)	338	(9.4)	373	(7.0)	436	(6.6)	553	(3.7)	598	(4.3)	623	(5.3)
Spain (Asturias)	362	(9.1)	399	(7.4)	456	(6.3)	567	(4.1)	614	(4.4)	640	(4.7)
United Kingdom (Scotland)	351	(6.2)	388	(6.5)	448	(5.0)	583	(4.5)	648	(5.8)	682	(7.5)
Non-adjudicated												
Belgium (French Community)	311	(11.8)	354	(11.2)	425	(6.9)	573	(4.6)	630	(5.0)	662	(6.7)
Belgium (German-Speaking Community)	362	(8.5)	396	(4.8)	447	(4.0)	579	(5.1)	631	(5.1)	659	(6.3)
Finland (Finnish Speaking)	413	(4.0)	448	(3.4)	503	(3.1)	614	(2.9)	660	(2.9)	687	(3.2)
Finland (Swedish Speaking)	375	(23.4)	411	(18.0)	473	(6.8)	584	(8.6)	631	(13.6)	657	(15.5)
United Kingdom (England)	337	(7.3)	377	(5.3)	444	(3.5)	588	(3.1)	649	(3.4)	683	(3.7)
United Kingdom (Northern Ireland)	320	(7.1)	361	(6.9)	430	(5.1)	583	(4.5)	641	(4.3)	674	(6.4)
United Kingdom (Wales)	336	(6.2)	370	(4.8)	430	(4.0)	572	(4.0)	631	(4.1)	665	(5.4)

Note: Values that are statistically significant are indicated in bold (see Annex A3). See Table 2.2c for national data.

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[Part 1/1]

Table S2g Percentage of students at each proficiency level on the *explaining phenomena scientifically* scale

Tableau S2g Pourcentage d'élèves à chaque niveau de compétence sur l'échelle d'*explication scientifique de phénomènes*

	Proficiency levels													
	Below Level 1 (below 334.94 score points)		Level 1 (from 334.94 to 409.54 score points)		Level 2 (from 409.54 to 484.14 score points)		Level 3 (from 484.14 to 558.73 score points)		Level 4 (from 558.73 to 633.33 score points)		Level 5 (from 633.33 to 707.93 score points)		Level 6 (above 707.93 score points)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
Adjudicated														
Belgium (Flemish Community)	3.2	(1.0)	9.6	(0.8)	19.6	(0.9)	28.8	(0.9)	26.3	(1.0)	11.0	(0.7)	1.5	(0.2)
Italy (Provincia Autonoma of Bolzano)	2.2	(0.5)	7.9	(1.1)	20.8	(1.4)	29.5	(1.3)	25.5	(1.4)	11.8	(0.8)	2.3	(0.4)
Italy (Provincia Campania)	10.4	(1.6)	23.2	(1.9)	32.8	(1.9)	24.3	(2.0)	7.5	(1.3)	1.5	(0.6)	0.3	(0.3)
Italy (Provincia Basilicata)	8.7	(1.4)	23.3	(2.1)	32.9	(2.4)	23.1	(1.6)	9.9	(1.2)	2.0	(0.7)	0.0	a
Italy (Provincia Emilia Romagna)	4.2	(0.9)	11.4	(1.1)	21.9	(1.5)	28.7	(1.7)	22.7	(1.4)	9.2	(0.8)	2.0	(0.4)
Italy (Provincia Friuli Venezia Giulia)	2.0	(0.5)	5.6	(0.8)	18.7	(1.3)	32.6	(1.6)	27.2	(1.6)	11.0	(1.3)	2.9	(0.6)
Italy (Provincia Sicilia)	15.7	(2.1)	24.1	(2.4)	26.4	(2.0)	21.3	(2.1)	9.5	(1.4)	2.8	(0.8)	0.1	(0.1)
Italy (Provincia Liguria)	6.2	(1.2)	14.5	(1.9)	24.3	(1.9)	28.5	(2.0)	19.3	(1.7)	6.3	(1.2)	0.9	(0.4)
Italy (Provincia Lombardia)	6.2	(1.4)	11.1	(1.6)	22.4	(1.9)	29.8	(2.2)	21.6	(1.7)	7.8	(1.1)	1.2	(0.4)
Italy (Provincia Piemonte)	3.6	(0.8)	10.4	(1.4)	22.6	(1.7)	31.8	(2.1)	22.1	(2.0)	8.3	(1.1)	1.1	(0.3)
Italy (Provincia Trento)	3.2	(0.4)	9.9	(0.7)	19.8	(1.1)	28.6	(1.7)	25.3	(1.8)	10.5	(1.2)	2.7	(0.5)
Italy (Provincia Sardegna)	11.7	(2.0)	21.0	(1.9)	29.0	(1.7)	24.5	(1.6)	11.3	(1.3)	2.4	(0.7)	0.1	(0.1)
Italy (Provincia Puglia)	8.8	(1.2)	24.2	(1.5)	31.2	(1.7)	25.3	(1.7)	8.3	(1.2)	2.1	(0.7)	0.1	(0.1)
Italy (Provincia Veneto)	2.0	(0.5)	8.9	(1.3)	20.5	(1.7)	29.7	(1.9)	25.9	(1.9)	10.9	(1.2)	2.1	(0.6)
Spain (Andalusia)	7.6	(1.0)	17.8	(1.3)	27.4	(1.7)	27.6	(2.0)	14.9	(1.5)	4.1	(0.5)	0.6	(0.2)
Spain (Basque Country)	4.4	(0.6)	13.8	(1.1)	27.3	(1.0)	30.7	(1.0)	18.0	(0.9)	5.1	(0.6)	0.7	(0.2)
Spain (Cantabria)	3.1	(0.6)	9.8	(1.1)	23.8	(1.4)	29.9	(1.4)	22.1	(1.7)	9.8	(0.8)	1.5	(0.4)
Spain (Galicia)	3.1	(0.6)	12.3	(1.2)	25.5	(1.3)	29.8	(1.4)	20.7	(1.3)	7.4	(0.6)	1.3	(0.3)
Spain (La Rioja)	2.4	(0.5)	7.5	(0.9)	21.1	(1.5)	30.0	(1.6)	25.5	(1.7)	11.4	(1.3)	2.1	(0.4)
Spain (Castile and Leon)	1.6	(0.5)	8.3	(0.9)	22.0	(1.5)	30.0	(1.5)	25.6	(1.5)	10.7	(1.0)	1.8	(0.6)
Spain (Navarre)	2.4	(0.5)	11.5	(1.2)	24.2	(1.5)	27.6	(1.2)	22.6	(1.3)	10.1	(1.1)	1.6	(0.4)
Spain (Aragon)	2.8	(0.5)	9.2	(0.9)	22.8	(2.0)	29.1	(1.8)	23.4	(1.5)	10.3	(1.2)	2.3	(0.7)
Spain (Catalonia)	6.1	(1.0)	14.9	(1.4)	25.5	(1.6)	28.4	(1.7)	18.4	(1.9)	5.9	(1.1)	0.9	(0.3)
Spain (Asturias)	2.1	(0.5)	10.9	(1.3)	23.6	(1.7)	32.1	(1.8)	22.6	(1.4)	7.3	(1.1)	1.4	(0.4)
United Kingdom (Scotland)	4.0	(0.7)	13.1	(1.1)	25.4	(1.2)	26.5	(1.1)	18.8	(1.1)	9.5	(0.9)	2.7	(0.5)
Non-adjudicated														
Belgium (French Community)	9.3	(1.3)	18.8	(1.1)	25.2	(1.3)	25.1	(1.1)	15.8	(1.2)	5.0	(0.7)	0.7	(0.2)
Belgium (German-Speaking Community)	2.6	(0.6)	12.4	(1.1)	23.6	(1.5)	28.0	(2.1)	22.4	(1.8)	8.9	(1.1)	2.0	(0.6)
Finland (Finnish Speaking)	0.5	(0.1)	3.3	(0.3)	13.7	(0.6)	28.1	(0.9)	31.5	(0.9)	17.7	(0.8)	5.2	(0.5)
Finland (Swedish Speaking)	1.3	(0.8)	8.0	(2.0)	17.6	(2.5)	28.5	(4.1)	30.9	(3.6)	11.5	(2.9)	2.2	(1.5)
United Kingdom (England)	4.6	(0.5)	12.5	(0.7)	21.2	(0.8)	25.0	(0.8)	21.0	(0.7)	11.7	(0.7)	3.9	(0.3)
United Kingdom (Northern Ireland)	6.2	(0.7)	13.6	(0.9)	20.8	(1.2)	24.6	(1.1)	20.8	(1.1)	10.2	(0.8)	3.7	(0.5)
United Kingdom (Wales)	4.6	(0.6)	13.5	(1.3)	23.9	(1.6)	26.1	(1.1)	19.3	(1.1)	9.8	(0.8)	2.8	(0.5)

Note: See Table 2.3a for national data.
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[Part 1/1]

Table S2h Percentage of students at each proficiency level on the *explaining phenomena scientifically* scale, by gender

Tableau S2h Pourcentage d'élèves à chaque niveau de compétence sur l'échelle d'*explication scientifique de phénomènes*, selon le sexe

	Males – Proficiency levels													
	Below Level 1 (below 334.94 score points)		Level 1 (from 334.94 to 409.54 score points)		Level 2 (from 409.54 to 484.14 score points)		Level 3 (from 484.14 to 558.73 score points)		Level 4 (from 558.73 to 633.33 score points)		Level 5 (from 633.33 to 707.93 score points)		Level 6 (above 707.93 score points)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
Adjudicated														
Belgium (Flemish Community)	2.7	(1.2)	9.3	(0.9)	18.6	(1.0)	26.8	(1.2)	26.9	(1.3)	13.4	(1.0)	2.4	(0.4)
Italy (Provincia Autonoma of Bolzano)	2.2	(0.7)	6.0	(1.3)	17.2	(2.1)	28.4	(2.0)	28.4	(2.3)	14.8	(1.5)	3.1	(0.5)
Italy (Provincia Campania)	6.3	(0.9)	20.0	(2.3)	32.9	(2.7)	28.5	(2.5)	10.0	(1.6)	1.9	(0.8)	0.4	(0.4)
Italy (Provincia Basilicata)	9.5	(2.1)	21.2	(2.5)	30.8	(3.4)	24.1	(2.1)	11.5	(1.4)	2.8	(0.8)	0.1	a
Italy (Provincia Emilia Romagna)	2.5	(0.6)	8.9	(1.3)	20.7	(2.1)	30.3	(2.3)	23.8	(2.0)	10.8	(1.0)	3.0	(0.7)
Italy (Provincia Friuli Venezia Giulia)	1.6	(0.6)	4.7	(1.0)	16.4	(1.8)	31.2	(2.0)	29.1	(2.3)	12.8	(1.8)	4.2	(1.0)
Italy (Provincia Sicilia)	16.6	(3.0)	22.3	(3.0)	23.7	(2.4)	21.0	(2.7)	12.1	(2.0)	4.1	(1.2)	0.1	a
Italy (Provincia Liguria)	7.6	(1.9)	14.7	(2.6)	22.5	(2.3)	27.5	(3.1)	18.5	(2.0)	7.9	(1.5)	1.3	(0.6)
Italy (Provincia Lombardia)	6.0	(2.2)	11.3	(2.4)	22.1	(2.4)	28.2	(2.8)	21.5	(2.7)	9.3	(1.7)	1.5	(0.5)
Italy (Provincia Piemonte)	4.2	(1.2)	10.4	(1.8)	21.9	(2.1)	29.5	(3.1)	22.5	(2.7)	9.9	(1.4)	1.5	(0.5)
Italy (Provincia Trento)	3.5	(0.7)	10.3	(1.1)	18.3	(1.5)	25.4	(2.0)	24.5	(1.9)	13.2	(1.6)	4.8	(1.0)
Italy (Provincia Sardegna)	12.7	(2.8)	21.5	(3.0)	26.9	(2.8)	22.1	(2.4)	13.3	(2.0)	3.3	(1.3)	0.2	(0.2)
Italy (Provincia Puglia)	8.4	(1.3)	24.8	(2.5)	28.8	(2.8)	26.1	(2.3)	8.9	(1.9)	2.9	(0.9)	0.2	(0.2)
Italy (Provincia Veneto)	1.1	(0.6)	6.3	(1.3)	18.8	(2.3)	27.8	(2.4)	29.3	(2.4)	13.9	(1.7)	2.9	(0.9)
Spain (Andalusia)	6.1	(1.5)	15.9	(1.8)	25.3	(2.3)	28.3	(3.0)	17.9	(2.1)	5.5	(0.8)	1.0	(0.4)
Spain (Basque Country)	4.9	(0.8)	13.2	(1.4)	25.1	(1.3)	30.3	(1.3)	19.3	(1.2)	6.2	(1.0)	0.9	(0.3)
Spain (Cantabria)	3.0	(0.8)	9.1	(1.2)	22.0	(1.8)	29.0	(2.2)	23.3	(2.8)	11.6	(1.3)	2.1	(0.7)
Spain (Galicia)	2.8	(0.9)	10.6	(1.5)	23.4	(1.5)	28.0	(2.1)	23.5	(1.8)	9.5	(0.8)	2.2	(0.6)
Spain (La Rioja)	2.3	(0.6)	6.0	(1.3)	19.9	(2.1)	27.9	(2.2)	27.7	(2.4)	13.6	(1.9)	2.7	(0.7)
Spain (Castile and Leon)	1.6	(0.7)	6.9	(1.3)	19.8	(2.5)	30.2	(2.0)	26.6	(2.0)	12.5	(1.3)	2.5	(0.8)
Spain (Navarre)	2.0	(0.7)	10.9	(1.6)	22.6	(2.0)	24.8	(2.0)	24.5	(2.2)	12.9	(1.5)	2.2	(0.6)
Spain (Aragon)	2.7	(0.7)	9.2	(1.4)	22.9	(3.0)	27.3	(3.0)	23.6	(2.4)	11.4	(1.9)	2.9	(1.0)
Spain (Catalonia)	4.4	(1.1)	13.7	(2.0)	24.1	(2.1)	28.2	(2.7)	21.2	(2.3)	7.1	(1.6)	1.3	(0.6)
Spain (Asturias)	2.3	(0.8)	9.9	(1.7)	21.7	(1.8)	31.5	(1.7)	23.4	(1.7)	9.1	(1.3)	2.2	(0.6)
United Kingdom (Scotland)	3.9	(0.8)	11.9	(1.3)	24.2	(1.8)	25.8	(1.6)	20.0	(1.5)	10.8	(1.2)	3.4	(0.7)
Non-adjudicated														
Belgium (French Community)	9.3	(1.7)	18.8	(1.5)	23.5	(1.8)	24.1	(1.9)	17.1	(1.9)	6.0	(0.9)	1.2	(0.3)
Belgium (German-Speaking Community)	2.6	(1.0)	10.7	(1.6)	20.0	(2.4)	27.4	(3.5)	23.8	(2.6)	12.1	(2.3)	3.5	(1.2)
Finland (Finnish Speaking)	0.5	(0.2)	3.7	(0.5)	13.3	(0.9)	26.1	(1.2)	30.7	(1.2)	18.9	(1.0)	6.8	(0.7)
Finland (Swedish Speaking)	1.1	(1.0)	5.4	(2.5)	16.3	(4.0)	26.8	(5.7)	34.4	(5.5)	12.9	(3.9)	3.2	(2.0)
United Kingdom (England)	4.5	(0.7)	11.1	(0.8)	19.5	(1.0)	23.6	(1.1)	21.5	(1.1)	14.3	(0.9)	5.5	(0.6)
United Kingdom (Northern Ireland)	6.1	(1.1)	13.1	(1.6)	19.3	(1.7)	23.6	(1.4)	21.9	(1.5)	11.3	(1.2)	4.7	(0.7)
United Kingdom (Wales)	3.9	(0.6)	12.6	(1.7)	21.7	(2.1)	25.3	(1.7)	21.5	(1.7)	11.6	(1.1)	3.4	(0.7)

	Females – Proficiency levels													
	Below Level 1 (below 334.94 score points)		Level 1 (from 334.94 to 409.54 score points)		Level 2 (from 409.54 to 484.14 score points)		Level 3 (from 484.14 to 558.73 score points)		Level 4 (from 558.73 to 633.33 score points)		Level 5 (from 633.33 to 707.93 score points)		Level 6 (above 707.93 score points)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
Adjudicated														
Belgium (Flemish Community)	3.9	(0.8)	10.0	(1.1)	20.7	(1.3)	31.0	(1.4)	25.7	(1.3)	8.2	(0.8)	0.6	(0.2)
Italy (Provincia Autonoma of Bolzano)	2.2	(0.6)	9.8	(1.3)	24.4	(2.2)	30.6	(2.3)	22.7	(1.6)	8.7	(1.0)	1.6	(0.5)
Italy (Provincia Campania)	14.4	(2.6)	26.3	(2.9)	32.7	(2.9)	20.2	(2.6)	5.1	(1.4)	1.1	(0.8)	0.1	a
Italy (Provincia Basilicata)	7.7	(1.4)	25.6	(2.8)	35.2	(2.4)	22.1	(2.2)	8.1	(1.6)	1.3	(0.7)	a	a
Italy (Provincia Emilia Romagna)	5.9	(1.6)	13.9	(1.9)	23.2	(2.6)	27.1	(2.2)	21.5	(1.6)	7.6	(1.2)	1.0	(0.4)
Italy (Provincia Friuli Venezia Giulia)	2.4	(1.0)	6.5	(1.2)	21.0	(1.8)	33.9	(2.3)	25.3	(2.0)	9.3	(1.4)	1.6	(0.6)
Italy (Provincia Sicilia)	14.8	(2.4)	25.8	(3.1)	28.9	(2.8)	21.7	(2.8)	7.1	(1.9)	1.6	(0.8)	0.1	a
Italy (Provincia Liguria)	4.8	(1.1)	14.3	(2.5)	26.2	(2.7)	29.5	(2.1)	20.2	(2.5)	4.6	(1.2)	0.4	(0.3)
Italy (Provincia Lombardia)	6.4	(1.4)	10.8	(1.9)	22.6	(2.8)	31.4	(3.2)	21.6	(1.8)	6.3	(1.2)	0.8	(0.5)
Italy (Provincia Piemonte)	3.1	(1.0)	10.4	(1.7)	23.3	(2.3)	33.8	(2.2)	21.7	(2.2)	6.9	(1.2)	0.8	(0.4)
Italy (Provincia Trento)	2.9	(0.6)	9.5	(1.1)	21.4	(2.0)	31.7	(3.1)	26.0	(3.0)	7.9	(1.7)	0.6	(0.5)
Italy (Provincia Sardegna)	10.7	(2.2)	20.4	(2.2)	31.2	(1.9)	27.0	(2.5)	9.2	(1.6)	1.5	(0.6)	0.0	a
Italy (Provincia Puglia)	9.3	(1.6)	23.5	(2.0)	33.5	(2.2)	24.6	(2.0)	7.6	(1.2)	1.4	(0.6)	0.0	a
Italy (Provincia Veneto)	3.0	(0.9)	11.5	(2.2)	22.3	(2.7)	31.8	(2.8)	22.3	(2.8)	7.8	(1.4)	1.2	(0.7)
Spain (Andalusia)	9.0	(1.6)	19.6	(2.3)	29.3	(2.4)	27.0	(2.5)	12.0	(1.5)	2.7	(0.9)	0.3	a
Spain (Basque Country)	4.0	(0.6)	14.5	(1.3)	29.4	(1.6)	31.1	(1.8)	16.7	(1.2)	3.9	(0.6)	0.5	(0.2)
Spain (Cantabria)	3.3	(1.0)	10.4	(1.8)	25.7	(1.9)	30.9	(2.1)	20.9	(1.9)	7.9	(1.0)	0.9	(0.3)
Spain (Galicia)	3.4	(1.0)	14.2	(1.8)	27.8	(2.1)	31.8	(2.4)	17.5	(2.1)	5.1	(1.1)	0.3	(0.3)
Spain (La Rioja)	2.5	(0.8)	9.0	(1.3)	22.3	(2.1)	32.2	(2.2)	23.4	(1.7)	9.2	(1.5)	1.5	(0.5)
Spain (Castile and Leon)	1.5	(0.6)	9.8	(1.4)	24.5	(2.2)	29.8	(2.2)	24.4	(2.1)	8.8	(1.4)	1.1	(0.5)
Spain (Navarre)	2.7	(0.7)	12.2	(1.5)	25.8	(2.0)	30.3	(1.9)	20.8	(1.8)	7.3	(1.2)	1.0	(0.6)
Spain (Aragon)	3.0	(0.6)	9.2	(1.3)	22.8	(2.1)	30.9	(2.3)	23.3	(1.8)	9.2	(1.7)	1.6	(0.7)
Spain (Catalonia)	7.7	(1.6)	16.0	(2.0)	27.0	(2.5)	28.5	(2.6)	15.7	(2.2)	4.7	(1.0)	0.4	(0.3)
Spain (Asturias)	1.9	(0.7)	11.9	(1.9)	25.7	(2.3)	32.7	(3.2)	21.8	(2.2)	5.4	(1.3)	0.6	(0.4)
United Kingdom (Scotland)	4.0	(0.8)	14.3	(1.4)	26.6	(1.7)	27.2	(2.0)	17.6	(1.4)	8.2	(1.2)	2.1	(0.6)
Non-adjudicated														
Belgium (French Community)	9.2	(1.5)	18.8	(1.5)	27.1	(1.7)	26.2	(1.6)	14.4	(1.8)	4.0	(0.8)	0.2	(0.2)
Belgium (German-Speaking Community)	2.7	(0.9)	14.0	(2.0)	27.2	(2.8)	28.7	(2.8)	21.0	(2.6)	5.8	(1.4)	0.6	(0.5)
Finland (Finnish Speaking)	0.4	(0.2)	2.8	(0.5)	14.1	(0.9)	30.1	(1.3)	32.2	(1.6)	16.6	(1.1)	3.7	(0.6)
Finland (Swedish Speaking)	1.4	(1.4)	10.7	(3.6)	18.9	(5.2)	30.2	(4.7)	27.3	(4.8)	10.1	(3.2)	1.2	a
United Kingdom (England)	4.7	(0.5)	13.9	(1.0)	22.9	(1.4)	26.5	(1.0)	20.4	(0.9)	9.2	(0.9)	2.4	(0.4)
United Kingdom (Northern Ireland)	6.3	(1.1)	14.2	(1.3)	22.4	(1.5)	25.6	(1.9)	19.7	(1.8)	9.1	(1.3)	2.7	(0.7)
United Kingdom (Wales)	5.2	(0.9)	14.5	(1.5)	26.1	(1.7)	26.9	(1.6)	17.1	(1.4)	8.0	(0.9)	2.1	(0.6)

Note: See Table 2.3b for national data.

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[Part 1/1]

Table S2i Mean score, variation and gender differences in student performance on the *explaining phenomena scientifically* scale

Tableau S2i Score moyen, différences de score selon le sexe et répartition des scores sur l'*échelle d'explication scientifique de phénomènes*

	All students				Gender differences					
	Mean score		Standard deviation		Males		Females		Difference (M – F)	
	Mean	S.E.	S.D.	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.
Adjudicated										
Belgium (Flemish Community)	525	(3.3)	96	(2.7)	533	(4.0)	515	(3.7)	**18**	(4.2)
Italy (Provincia Autonoma of Bolzano)	531	(2.1)	94	(1.7)	544	(3.0)	517	(2.8)	**27**	(4.0)
Italy (Provincia Campania)	447	(6.4)	87	(4.1)	464	(5.4)	430	(7.9)	**34**	(6.2)
Italy (Provincia Basilicata)	452	(4.6)	88	(2.5)	457	(6.4)	447	(5.4)	10	(7.4)
Italy (Provincia Emilia Romagna)	513	(3.9)	100	(2.8)	527	(4.8)	499	(5.1)	**28**	(6.3)
Italy (Provincia Friuli Venezia Giulia)	539	(4.0)	91	(2.9)	550	(5.8)	527	(5.3)	**22**	(8.0)
Italy (Provincia Sicilia)	439	(7.9)	103	(5.1)	444	(10.2)	434	(8.6)	10	(10.2)
Italy (Provincia Liguria)	493	(7.2)	99	(2.8)	493	(9.2)	492	(6.9)	1	(7.7)
Italy (Provincia Lombardia)	504	(6.2)	100	(3.2)	507	(10.4)	502	(6.3)	5	(11.7)
Italy (Provincia Piemonte)	512	(5.1)	94	(3.1)	514	(7.2)	510	(5.3)	4	(7.5)
Italy (Provincia Trento)	525	(2.1)	99	(1.9)	533	(3.6)	517	(3.1)	**16**	(5.2)
Italy (Provincia Sardegna)	453	(6.2)	95	(3.3)	455	(8.9)	452	(6.0)	3	(8.8)
Italy (Provincia Puglia)	451	(4.3)	88	(2.5)	454	(5.6)	448	(4.4)	6	(5.4)
Italy (Provincia Veneto)	529	(5.8)	93	(2.7)	545	(5.9)	512	(8.5)	**33**	(10.3)
Spain (Andalusia)	475	(4.2)	97	(2.0)	489	(5.2)	462	(5.0)	**26**	(5.8)
Spain (Basque Country)	493	(3.4)	91	(1.7)	498	(4.3)	488	(3.4)	**10**	(3.5)
Spain (Cantabria)	516	(3.3)	95	(1.9)	523	(4.6)	508	(4.2)	**15**	(5.8)
Spain (Galicia)	507	(3.8)	93	(2.1)	519	(4.2)	493	(4.1)	**25**	(3.6)
Spain (La Rioja)	529	(2.5)	94	(2.2)	539	(3.6)	520	(3.6)	**19**	(5.2)
Spain (Castile and Leon)	528	(3.7)	90	(2.0)	537	(3.9)	519	(4.5)	**18**	(3.7)
Spain (Navarre)	516	(3.6)	95	(1.8)	526	(4.1)	506	(4.3)	**20**	(4.6)
Spain (Aragon)	522	(3.5)	95	(2.2)	526	(5.4)	519	(4.0)	7	(6.5)
Spain (Catalonia)	490	(5.3)	97	(2.4)	501	(7.0)	479	(5.0)	**22**	(6.0)
Spain (Asturias)	514	(5.0)	90	(2.2)	522	(6.0)	506	(5.4)	**16**	(5.4)
United Kingdom (Scotland)	508	(4.3)	103	(2.1)	516	(5.2)	501	(4.2)	**15**	(4.4)
Non-adjudicated										
Belgium (French Community)	473	(4.3)	103	(2.8)	478	(5.5)	468	(5.3)	10	(6.6)
Belgium (German-Speaking Community)	515	(2.9)	97	(2.3)	530	(4.3)	500	(4.6)	**30**	(6.7)
Finland (Finnish Speaking)	567	(2.1)	88	(1.1)	572	(2.6)	563	(2.7)	**9**	(3.1)
Finland (Swedish Speaking)	539	(6.2)	89	(3.7)	551	(6.0)	528	(9.5)	**23**	(10.0)
United Kingdom (England)	518	(2.7)	110	(1.6)	529	(3.5)	507	(3.3)	**22**	(4.2)
United Kingdom (Northern Ireland)	510	(3.2)	113	(2.3)	517	(6.0)	502	(5.8)	15	(9.9)
United Kingdom (Wales)	508	(3.7)	106	(1.9)	519	(4.1)	498	(4.3)	**21**	(4.1)

	Percentiles											
	5th		10th		25th		75th		90th		95th	
	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
Adjudicated												
Belgium (Flemish Community)	357	(11.5)	394	(7.5)	461	(4.4)	595	(2.9)	644	(3.1)	671	(3.3)
Italy (Provincia Autonoma of Bolzano)	373	(5.1)	408	(5.5)	466	(3.3)	597	(3.7)	650	(3.9)	680	(5.1)
Italy (Provincia Campania)	304	(8.4)	334	(7.4)	388	(7.4)	505	(7.4)	556	(9.5)	589	(14.9)
Italy (Provincia Basilicata)	311	(8.5)	341	(7.2)	393	(6.5)	513	(5.7)	570	(5.4)	601	(6.6)
Italy (Provincia Emilia Romagna)	343	(9.0)	381	(7.5)	449	(5.6)	582	(3.9)	639	(5.8)	670	(6.1)
Italy (Provincia Friuli Venezia Giulia)	386	(11.1)	424	(6.2)	481	(3.8)	599	(5.5)	654	(8.2)	689	(6.7)
Italy (Provincia Sicilia)	277	(11.8)	309	(8.7)	366	(8.2)	512	(10.1)	572	(9.2)	607	(10.2)
Italy (Provincia Liguria)	324	(12.1)	360	(10.4)	424	(10.1)	563	(6.7)	617	(7.9)	649	(8.8)
Italy (Provincia Lombardia)	322	(11.8)	366	(12.1)	442	(9.9)	575	(6.0)	628	(6.5)	659	(5.8)
Italy (Provincia Piemonte)	350	(10.8)	389	(8.8)	451	(6.8)	578	(7.4)	631	(6.3)	660	(7.1)
Italy (Provincia Trento)	359	(6.3)	395	(3.7)	459	(3.7)	594	(3.9)	649	(5.6)	683	(7.6)
Italy (Provincia Sardegna)	299	(9.3)	326	(8.7)	387	(8.2)	521	(7.8)	576	(8.3)	606	(10.1)
Italy (Provincia Puglia)	313	(6.9)	340	(5.8)	390	(5.0)	510	(4.9)	562	(9.1)	599	(10.6)
Italy (Provincia Veneto)	370	(11.2)	405	(8.0)	466	(7.5)	596	(7.3)	646	(6.2)	677	(6.9)
Spain (Andalusia)	316	(7.2)	349	(6.6)	409	(5.8)	541	(5.5)	597	(4.6)	631	(4.8)
Spain (Basque Country)	341	(6.5)	376	(4.5)	431	(4.0)	555	(3.7)	609	(4.2)	639	(5.3)
Spain (Cantabria)	356	(7.5)	392	(7.3)	452	(5.0)	583	(4.6)	640	(4.7)	670	(5.7)
Spain (Galicia)	353	(6.6)	388	(6.2)	444	(5.0)	572	(5.1)	626	(4.8)	659	(7.2)
Spain (La Rioja)	372	(8.1)	410	(6.5)	466	(4.9)	595	(3.3)	648	(6.2)	677	(5.5)
Spain (Castile and Leon)	380	(8.0)	411	(5.8)	465	(5.0)	593	(4.1)	645	(4.9)	674	(7.5)
Spain (Navarre)	362	(7.7)	393	(6.3)	447	(4.6)	586	(4.5)	641	(4.7)	672	(5.9)
Spain (Aragon)	366	(6.9)	399	(6.7)	458	(5.4)	590	(4.9)	645	(4.6)	678	(7.1)
Spain (Catalonia)	327	(8.2)	363	(6.8)	425	(5.9)	559	(5.6)	613	(8.4)	646	(7.6)
Spain (Asturias)	365	(9.6)	397	(7.1)	454	(5.9)	576	(5.5)	627	(5.8)	658	(7.1)
United Kingdom (Scotland)	345	(6.4)	378	(6.2)	435	(5.0)	579	(5.6)	645	(5.7)	683	(6.0)
Non-adjudicated												
Belgium (French Community)	306	(8.6)	339	(7.0)	400	(5.8)	548	(5.1)	607	(5.2)	640	(5.7)
Belgium (German-Speaking Community)	354	(8.6)	387	(5.9)	445	(5.5)	583	(4.8)	638	(5.7)	670	(8.5)
Finland (Finnish Speaking)	423	(4.8)	454	(3.5)	507	(2.8)	627	(2.6)	680	(2.7)	710	(4.3)
Finland (Swedish Speaking)	379	(14.2)	415	(16.7)	479	(11.5)	603	(7.4)	647	(13.0)	678	(17.1)
United Kingdom (England)	340	(5.4)	376	(4.0)	441	(3.6)	596	(3.5)	662	(4.1)	698	(4.2)
United Kingdom (Northern Ireland)	324	(6.7)	361	(5.6)	430	(4.6)	590	(4.3)	654	(4.6)	691	(6.6)
United Kingdom (Wales)	339	(6.1)	373	(5.1)	433	(4.2)	582	(4.5)	648	(5.4)	684	(6.7)

Note: Values that are statistically significant are indicated in bold (see Annex A3). See Table 2.3c for national data.

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[Part 1/1]

Table S2j **Percentage of students at each proficiency level on the *using scientific evidence* scale**

Tableau S2j **Pourcentage d'élèves à chaque niveau de compétence sur l'échelle d'*utilisation de faits scientifiques***

	Proficiency levels													
	Below Level 1 (below 334.94 score points)		Level 1 (from 334.94 to 409.54 score points)		Level 2 (from 409.54 to 484.14 score points)		Level 3 (from 484.14 to 558.73 score points)		Level 4 (from 558.73 to 633.33 score points)		Level 5 (from 633.33 to 707.93 score points)		Level 6 (above 707.93 score points)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
Adjudicated														
Belgium (Flemish Community)	4.8	(1.1)	8.6	(0.7)	16.2	(0.9)	24.8	(0.9)	28.3	(0.9)	15.1	(0.9)	2.3	(0.3)
Italy (Provincia Autonoma of Bolzano)	2.8	(0.4)	9.9	(1.1)	17.6	(1.3)	29.0	(1.6)	27.0	(1.2)	11.7	(0.9)	2.1	(0.5)
Italy (Provincia Campania)	17.4	(2.0)	24.4	(1.9)	28.0	(1.9)	20.8	(2.1)	7.8	(1.2)	1.4	(0.6)	0.1	(0.1)
Italy (Provincia Basilicata)	15.3	(2.1)	21.1	(1.8)	29.1	(1.7)	21.8	(1.7)	10.0	(1.2)	2.6	(0.6)	0.1	a
Italy (Provincia Emilia Romagna)	5.7	(1.1)	11.8	(1.0)	21.0	(1.7)	29.2	(1.8)	21.4	(1.4)	9.5	(1.3)	1.6	(0.4)
Italy (Provincia Friuli Venezia Giulia)	2.8	(0.7)	8.5	(1.0)	19.2	(1.3)	29.4	(1.3)	26.5	(1.3)	11.1	(1.3)	2.5	(0.6)
Italy (Provincia Sicilia)	22.0	(2.7)	23.6	(2.4)	25.7	(1.7)	18.1	(1.6)	8.4	(1.3)	2.0	(0.7)	0.1	(0.2)
Italy (Provincia Liguria)	10.8	(2.1)	14.4	(1.5)	22.5	(1.7)	27.1	(1.7)	17.7	(1.8)	6.9	(1.1)	0.7	(0.3)
Italy (Provincia Lombardia)	7.7	(2.1)	13.0	(1.7)	21.9	(1.6)	28.5	(1.6)	19.9	(1.8)	7.8	(1.0)	1.3	(0.5)
Italy (Provincia Piemonte)	6.2	(0.9)	12.0	(1.4)	21.4	(1.5)	28.9	(1.6)	21.4	(1.4)	9.0	(1.1)	1.2	(0.4)
Italy (Provincia Trento)	4.7	(0.4)	10.7	(0.9)	19.5	(1.2)	28.7	(1.5)	25.6	(1.4)	9.8	(1.2)	1.0	(0.4)
Italy (Provincia Sardegna)	19.4	(2.6)	20.6	(1.8)	25.5	(1.9)	21.3	(1.3)	10.1	(1.6)	2.8	(0.8)	0.3	(0.2)
Italy (Provincia Puglia)	14.0	(1.6)	24.6	(1.6)	30.8	(1.8)	19.8	(1.7)	8.3	(1.1)	2.3	(0.8)	0.2	(0.2)
Italy (Provincia Veneto)	3.3	(0.7)	10.2	(1.3)	21.7	(1.8)	27.9	(1.5)	24.9	(1.8)	10.0	(1.3)	2.1	(0.5)
Spain (Andalusia)	9.5	(1.1)	17.2	(1.2)	27.5	(1.6)	26.8	(1.2)	15.3	(1.4)	3.3	(0.7)	0.4	(0.2)
Spain (Basque Country)	5.3	(0.7)	12.1	(0.8)	25.0	(1.1)	30.4	(0.9)	20.0	(1.0)	6.3	(0.7)	0.8	(0.2)
Spain (Cantabria)	4.7	(0.8)	11.7	(1.0)	24.5	(1.2)	31.5	(1.6)	20.3	(1.2)	6.7	(0.8)	0.7	(0.2)
Spain (Galicia)	4.7	(0.6)	13.0	(1.0)	24.2	(1.3)	28.6	(1.7)	21.2	(1.5)	7.2	(0.9)	1.1	(0.4)
Spain (La Rioja)	3.1	(0.5)	9.8	(1.1)	22.8	(1.4)	28.6	(1.5)	24.5	(1.5)	9.9	(1.0)	1.2	(0.3)
Spain (Castile and Leon)	2.5	(0.7)	10.2	(1.2)	23.9	(1.5)	33.5	(1.2)	22.3	(2.0)	6.9	(1.0)	0.8	(0.4)
Spain (Navarre)	3.5	(0.8)	11.9	(1.4)	23.1	(1.4)	29.3	(1.9)	21.4	(1.6)	9.2	(1.0)	1.6	(0.4)
Spain (Aragon)	4.6	(0.8)	11.4	(1.3)	23.5	(1.5)	28.1	(1.4)	22.5	(1.7)	9.0	(1.2)	0.9	(0.4)
Spain (Catalonia)	6.5	(1.1)	13.3	(1.6)	24.2	(1.5)	30.0	(1.4)	19.5	(1.4)	5.6	(0.9)	1.0	(0.4)
Spain (Asturias)	4.9	(1.1)	11.7	(1.3)	22.9	(2.1)	32.6	(2.3)	20.7	(1.9)	6.3	(1.0)	0.9	(0.4)
United Kingdom (Scotland)	5.1	(0.7)	11.6	(0.9)	20.7	(1.1)	24.4	(1.5)	21.6	(1.6)	11.9	(1.0)	4.7	(0.6)
Non-adjudicated														
Belgium (French Community)	10.1	(1.2)	13.7	(1.0)	20.6	(1.1)	24.5	(1.3)	20.0	(1.2)	9.2	(1.0)	1.9	(0.5)
Belgium (German-Speaking Community)	6.5	(0.7)	11.7	(1.3)	16.5	(1.5)	25.9	(2.4)	23.9	(1.6)	12.7	(1.2)	2.8	(0.7)
Finland (Finnish Speaking)	0.9	(0.2)	4.3	(0.4)	13.5	(0.7)	25.9	(0.7)	29.8	(0.8)	18.7	(0.8)	7.0	(0.5)
Finland (Swedish Speaking)	2.7	(1.0)	7.3	(1.8)	23.1	(3.0)	28.6	(3.6)	26.6	(3.4)	9.8	(1.8)	1.9	(1.1)
United Kingdom (England)	6.8	(0.7)	12.4	(0.7)	20.0	(0.8)	23.8	(0.9)	21.1	(1.0)	11.8	(0.6)	4.0	(0.4)
United Kingdom (Northern Ireland)	9.1	(0.9)	13.5	(0.9)	18.6	(1.1)	22.3	(1.2)	20.3	(1.0)	11.8	(0.9)	4.4	(0.6)
United Kingdom (Wales)	6.6	(0.8)	13.8	(0.8)	22.3	(1.0)	24.7	(0.9)	20.0	(1.1)	9.8	(0.8)	2.8	(0.5)

Note: See Table 2.4a for national data.

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[Part 1/1]

Table S2k Percentage of students at each proficiency level on the *using scientific evidence* scale, by gender

Tableau S2k Pourcentage d'élèves à chaque niveau de compétence sur l'échelle d'*utilisation de faits scientifiques*, selon le sexe

	Males – Proficiency levels													
	Below Level 1 (below 334.94 score points)		Level 1 (from 334.94 to 409.54 score points)		Level 2 (from 409.54 to 484.14 score points)		Level 3 (from 484.14 to 558.73 score points)		Level 4 (from 558.73 to 633.33 score points)		Level 5 (from 633.33 to 707.93 score points)		Level 6 (above 707.93 score points)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
Adjudicated														
Belgium (Flemish Community)	5.3	(1.5)	9.6	(1.0)	17.2	(1.1)	23.2	(1.0)	27.2	(1.1)	14.9	(1.1)	2.6	(0.5)
Italy (Provincia Autonoma of Bolzano)	3.1	(0.6)	10.2	(1.4)	16.6	(1.8)	30.0	(2.1)	26.3	(1.7)	11.7	(1.1)	2.3	(0.6)
Italy (Provincia Campania)	16.0	(2.2)	21.7	(2.5)	28.4	(2.5)	23.8	(2.9)	8.2	(1.4)	1.7	(0.8)	0.2	a
Italy (Provincia Basilicata)	18.8	(3.4)	20.1	(2.2)	27.1	(2.3)	21.3	(2.4)	9.7	(1.5)	2.8	(0.7)	0.1	a
Italy (Provincia Emilia Romagna)	5.1	(1.1)	10.7	(1.3)	21.0	(1.7)	30.7	(2.3)	21.3	(1.7)	9.1	(1.7)	2.1	(0.7)
Italy (Provincia Friuli Venezia Giulia)	3.4	(1.2)	8.8	(1.9)	20.6	(2.2)	27.0	(1.9)	24.9	(2.3)	12.5	(1.9)	2.8	(0.9)
Italy (Provincia Sicilia)	25.0	(3.3)	21.7	(2.7)	23.0	(1.9)	17.6	(2.1)	10.2	(2.0)	2.3	(0.9)	0.1	a
Italy (Provincia Liguria)	14.5	(3.4)	15.7	(2.5)	21.8	(2.8)	24.6	(2.4)	15.2	(1.9)	7.3	(1.5)	0.8	(0.4)
Italy (Provincia Lombardia)	9.3	(3.9)	13.5	(2.3)	22.8	(2.3)	27.0	(1.9)	18.5	(2.4)	7.5	(1.3)	1.3	(0.5)
Italy (Provincia Piemonte)	8.5	(1.5)	13.1	(1.9)	22.0	(2.2)	27.4	(2.3)	19.1	(2.1)	8.6	(1.7)	1.4	(0.5)
Italy (Provincia Trento)	5.7	(0.7)	12.1	(1.1)	19.3	(1.7)	26.4	(2.2)	24.4	(2.4)	10.7	(2.0)	1.5	(0.7)
Italy (Provincia Sardegna)	21.9	(3.9)	20.5	(2.4)	24.4	(2.7)	18.8	(1.9)	10.3	(2.2)	3.6	(1.5)	0.6	(0.4)
Italy (Provincia Puglia)	14.4	(2.2)	26.7	(2.3)	28.6	(2.1)	19.1	(1.6)	8.5	(1.5)	2.4	(0.9)	0.2	a
Italy (Provincia Veneto)	2.9	(0.9)	9.7	(1.8)	21.3	(2.4)	27.5	(2.1)	25.4	(2.5)	10.7	(1.5)	2.5	(0.6)
Spain (Andalusia)	9.7	(1.5)	16.4	(1.6)	25.4	(2.1)	27.6	(2.1)	16.4	(1.9)	4.1	(1.0)	0.4	(0.3)
Spain (Basque Country)	7.1	(1.0)	12.9	(1.0)	23.8	(1.2)	28.6	(1.3)	19.8	(1.3)	7.0	(0.8)	1.0	(0.4)
Spain (Cantabria)	6.2	(1.2)	13.1	(1.4)	24.9	(1.7)	28.0	(1.7)	20.2	(1.9)	6.8	(1.0)	0.8	(0.3)
Spain (Galicia)	5.9	(0.9)	14.1	(1.4)	23.6	(2.0)	26.3	(2.2)	20.4	(1.9)	8.3	(1.2)	1.4	(0.5)
Spain (La Rioja)	3.5	(0.8)	10.3	(1.5)	24.1	(1.9)	26.7	(2.0)	24.0	(1.9)	10.1	(1.3)	1.3	(0.5)
Spain (Castile and Leon)	2.8	(0.8)	11.9	(1.5)	21.3	(1.8)	33.7	(1.7)	22.2	(2.9)	7.4	(1.3)	0.8	(0.5)
Spain (Navarre)	4.5	(1.2)	12.9	(1.9)	22.8	(1.6)	26.9	(2.2)	20.9	(1.7)	9.8	(1.3)	2.1	(0.6)
Spain (Aragon)	5.3	(1.4)	12.4	(1.7)	24.8	(2.0)	27.4	(2.0)	20.3	(1.9)	8.9	(1.6)	0.9	(0.5)
Spain (Catalonia)	7.0	(1.5)	12.0	(2.1)	23.7	(2.2)	31.0	(1.9)	18.9	(1.9)	6.1	(1.2)	1.3	(0.7)
Spain (Asturias)	5.9	(1.7)	12.3	(1.8)	22.5	(2.7)	30.4	(2.7)	21.0	(2.3)	6.5	(1.1)	1.4	(0.6)
United Kingdom (Scotland)	6.0	(1.0)	10.8	(1.2)	19.2	(1.4)	24.6	(1.8)	22.0	(1.9)	12.7	(1.2)	4.7	(0.7)
Non-adjudicated														
Belgium (French Community)	11.6	(1.5)	14.5	(1.4)	20.0	(1.8)	24.3	(1.8)	18.8	(1.7)	8.8	(1.3)	2.0	(0.5)
Belgium (German-Speaking Community)	8.1	(1.4)	13.0	(3.0)	16.6	(2.8)	22.1	(3.1)	23.0	(2.1)	13.6	(1.6)	3.7	(1.0)
Finland (Finnish Speaking)	1.1	(0.3)	5.2	(0.6)	14.6	(1.0)	25.1	(1.1)	28.2	(1.1)	18.3	(1.0)	7.4	(0.7)
Finland (Swedish Speaking)	2.7	(1.3)	5.5	(2.3)	21.8	(4.7)	32.0	(7.2)	28.8	(4.0)	7.6	(2.0)	1.7	(1.3)
United Kingdom (England)	7.5	(0.9)	11.9	(0.9)	19.1	(1.0)	22.7	(1.3)	20.8	(1.4)	13.3	(0.9)	4.8	(0.7)
United Kingdom (Northern Ireland)	9.7	(1.3)	14.3	(1.3)	18.3	(1.5)	20.9	(1.5)	19.5	(1.4)	12.4	(1.3)	4.7	(0.8)
United Kingdom (Wales)	6.5	(1.0)	14.0	(1.1)	20.7	(1.2)	24.8	(1.3)	20.2	(1.3)	10.6	(1.1)	3.2	(0.6)

	Females – Proficiency levels													
	Below Level 1 (below 334.94 score points)		Level 1 (from 334.94 to 409.54 score points)		Level 2 (from 409.54 to 484.14 score points)		Level 3 (from 484.14 to 558.73 score points)		Level 4 (from 558.73 to 633.33 score points)		Level 5 (from 633.33 to 707.93 score points)		Level 6 (above 707.93 score points)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
Adjudicated														
Belgium (Flemish Community)	4.1	(0.9)	7.5	(1.0)	15.1	(1.1)	26.6	(1.4)	29.5	(1.4)	15.4	(1.2)	1.8	(0.4)
Italy (Provincia Autonoma of Bolzano)	2.5	(0.6)	9.5	(1.8)	18.7	(2.0)	28.0	(2.1)	27.7	(1.7)	11.7	(1.4)	2.0	(0.8)
Italy (Provincia Campania)	18.8	(3.1)	27.1	(2.1)	27.6	(2.5)	17.9	(2.4)	7.4	(1.6)	1.1	(0.7)	0.0	a
Italy (Provincia Basilicata)	11.5	(1.4)	22.2	(2.4)	31.2	(2.4)	22.4	(2.5)	10.3	(1.8)	2.4	(0.8)	0.1	a
Italy (Provincia Emilia Romagna)	6.3	(1.6)	12.9	(1.8)	20.9	(2.5)	27.6	(2.2)	21.4	(1.7)	9.8	(1.5)	1.1	(0.6)
Italy (Provincia Friuli Venezia Giulia)	2.2	(0.7)	8.2	(1.2)	17.8	(1.9)	31.8	(1.8)	28.1	(1.8)	9.7	(1.5)	2.2	(0.8)
Italy (Provincia Sicilia)	19.3	(3.3)	25.3	(3.0)	28.3	(2.8)	18.5	(2.3)	6.7	(1.3)	1.8	(0.8)	0.1	a
Italy (Provincia Liguria)	6.8	(1.3)	13.0	(2.0)	23.2	(2.1)	29.7	(1.9)	20.4	(2.4)	6.4	(1.3)	0.5	(0.3)
Italy (Provincia Lombardia)	6.0	(1.5)	12.6	(1.9)	21.0	(2.4)	29.9	(2.6)	21.2	(2.1)	8.1	(1.5)	1.3	(0.7)
Italy (Provincia Piemonte)	4.3	(0.8)	11.1	(1.7)	20.8	(2.0)	30.1	(2.0)	23.4	(2.3)	9.3	(1.7)	1.0	(0.4)
Italy (Provincia Trento)	3.7	(0.7)	9.3	(1.3)	19.8	(1.6)	31.0	(1.9)	26.8	(2.0)	9.0	(1.6)	0.4	(0.4)
Italy (Provincia Sardegna)	16.8	(2.1)	20.7	(2.6)	26.6	(2.4)	23.9	(1.9)	9.9	(1.7)	2.0	(0.7)	0.0	a
Italy (Provincia Puglia)	13.6	(2.1)	22.6	(1.7)	32.8	(2.8)	20.5	(2.7)	8.1	(1.5)	2.2	(0.9)	0.2	(0.2)
Italy (Provincia Veneto)	3.7	(1.1)	10.7	(2.2)	22.2	(2.4)	28.3	(2.5)	24.4	(2.5)	9.2	(1.6)	1.6	(0.6)
Spain (Andalusia)	9.3	(1.3)	17.9	(1.6)	29.5	(2.5)	26.0	(1.7)	14.2	(1.6)	2.6	(0.7)	0.4	(0.3)
Spain (Basque Country)	3.5	(0.7)	11.4	(1.1)	26.2	(1.6)	32.3	(1.5)	20.3	(1.4)	5.6	(0.8)	0.7	(0.2)
Spain (Cantabria)	3.2	(0.8)	10.4	(1.4)	24.0	(2.0)	35.0	(2.3)	20.3	(1.7)	6.5	(1.1)	0.5	(0.4)
Spain (Galicia)	3.3	(0.7)	11.8	(1.4)	24.8	(1.9)	31.2	(2.1)	22.1	(2.1)	6.0	(1.3)	0.8	(0.5)
Spain (La Rioja)	2.7	(0.9)	9.3	(1.7)	21.6	(1.9)	30.4	(2.3)	25.1	(2.4)	9.7	(1.3)	1.1	(0.4)
Spain (Castile and Leon)	2.1	(0.8)	8.3	(1.5)	26.7	(2.3)	33.3	(1.9)	22.5	(2.6)	6.2	(1.3)	0.7	(0.5)
Spain (Navarre)	2.5	(0.8)	10.8	(1.5)	23.3	(1.9)	31.6	(2.6)	21.9	(2.4)	8.7	(1.3)	1.1	(0.5)
Spain (Aragon)	3.9	(0.9)	10.3	(1.5)	22.2	(2.0)	28.8	(1.9)	24.7	(2.3)	9.1	(1.3)	1.0	(0.5)
Spain (Catalonia)	6.1	(1.3)	14.6	(1.9)	24.7	(2.2)	29.0	(2.0)	20.0	(2.0)	5.1	(1.0)	0.6	(0.4)
Spain (Asturias)	3.8	(0.9)	11.1	(1.6)	23.3	(2.0)	34.9	(2.6)	20.3	(2.2)	6.1	(1.2)	0.4	(0.4)
United Kingdom (Scotland)	4.1	(0.7)	12.4	(1.2)	22.2	(1.4)	24.2	(1.9)	21.2	(2.3)	11.1	(1.3)	4.7	(0.9)
Non-adjudicated														
Belgium (French Community)	8.6	(1.4)	12.9	(1.4)	21.2	(1.7)	24.7	(1.5)	21.3	(1.6)	9.6	(1.2)	1.7	(0.7)
Belgium (German-Speaking Community)	5.0	(1.5)	10.5	(2.6)	16.3	(2.5)	29.6	(2.9)	24.8	(2.5)	11.9	(2.1)	1.9	(0.8)
Finland (Finnish Speaking)	0.7	(0.2)	3.3	(0.6)	12.4	(0.9)	26.7	(1.0)	31.4	(1.2)	19.1	(1.0)	6.5	(0.7)
Finland (Swedish Speaking)	2.6	(2.2)	9.2	(3.2)	24.5	(4.3)	25.1	(4.3)	24.3	(5.0)	12.1	(3.2)	2.2	(1.6)
United Kingdom (England)	6.2	(0.7)	12.9	(1.1)	20.9	(1.2)	24.9	(1.3)	21.4	(1.1)	10.4	(0.8)	3.2	(0.5)
United Kingdom (Northern Ireland)	8.4	(1.3)	12.7	(1.4)	18.9	(1.6)	23.7	(1.7)	21.0	(1.5)	11.2	(1.3)	4.1	(0.7)
United Kingdom (Wales)	6.7	(0.9)	13.5	(1.2)	23.8	(1.5)	24.7	(1.5)	19.7	(1.5)	9.0	(1.0)	2.5	(0.6)

Note: See Table 2.4b for national data.

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[Part 1/1]

Table S2l Mean score, variation and gender differences in student performance on the *using scientific evidence* scale

Tableau S2l Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle d'*utilisation de faits scientifiques*

	All students				Gender differences					
	Mean score		Standard deviation		Males		Females		Difference (M – F)	
	Mean	S.E.	S.D.	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.
Adjudicated										
Belgium (Flemish Community)	534	(4.1)	106	(3.8)	530	(5.0)	538	(4.6)	-8	(5.2)
Italy (Provincia Autonoma of Bolzano)	529	(2.2)	98	(1.8)	529	(3.3)	530	(3.0)	-1	(4.4)
Italy (Provincia Campania)	429	(6.9)	98	(3.8)	437	(7.3)	422	(8.9)	15	(8.8)
Italy (Provincia Basilicata)	441	(6.1)	102	(3.4)	436	(8.6)	448	(6.2)	-12	(8.9)
Italy (Provincia Emilia Romagna)	508	(4.6)	104	(3.7)	512	(6.1)	504	(5.2)	8	(6.5)
Italy (Provincia Friuli Venezia Giulia)	530	(3.7)	97	(2.7)	528	(6.5)	532	(4.9)	-3	(8.9)
Italy (Provincia Sicilia)	419	(8.3)	111	(4.5)	417	(10.1)	421	(9.6)	-4	(10.6)
Italy (Provincia Liguria)	482	(8.1)	110	(3.6)	470	(11.3)	494	(7.0)	**-24**	(9.9)
Italy (Provincia Lombardia)	496	(7.5)	108	(6.3)	489	(12.4)	503	(6.3)	-15	(12.5)
Italy (Provincia Piemonte)	505	(5.1)	105	(3.6)	494	(7.8)	514	(5.1)	**-20**	(8.2)
Italy (Provincia Trento)	516	(2.0)	99	(1.6)	513	(3.4)	519	(3.1)	-6	(5.2)
Italy (Provincia Sardegna)	434	(8.0)	112	(4.6)	430	(11.3)	438	(7.4)	-8	(10.3)
Italy (Provincia Puglia)	437	(5.3)	98	(2.8)	435	(6.4)	440	(6.1)	-5	(6.4)
Italy (Provincia Veneto)	521	(5.8)	98	(2.8)	525	(7.6)	517	(8.2)	9	(11.0)
Spain (Andalusia)	469	(4.8)	101	(2.3)	473	(5.7)	466	(5.2)	7	(5.2)
Spain (Basque Country)	498	(3.9)	96	(2.4)	495	(4.8)	502	(3.8)	-7	(3.8)
Spain (Cantabria)	500	(3.8)	94	(2.6)	495	(5.7)	506	(3.2)	**-12**	(5.2)
Spain (Galicia)	502	(3.7)	99	(1.9)	499	(4.2)	505	(4.1)	-6	(3.7)
Spain (La Rioja)	518	(2.5)	95	(2.0)	515	(3.6)	522	(3.6)	-6	(5.1)
Spain (Castile and Leon)	511	(4.8)	87	(2.1)	511	(5.3)	511	(5.4)	-1	(4.5)
Spain (Navarre)	512	(3.6)	98	(2.0)	509	(3.9)	514	(4.7)	-5	(4.8)
Spain (Aragon)	508	(5.0)	99	(2.5)	502	(6.4)	514	(5.4)	-12	(6.6)
Spain (Catalonia)	493	(5.9)	99	(2.8)	496	(7.1)	491	(6.1)	5	(5.9)
Spain (Asturias)	502	(6.1)	95	(3.3)	501	(8.1)	503	(5.5)	-2	(6.6)
United Kingdom (Scotland)	521	(4.1)	113	(2.2)	523	(5.3)	520	(4.1)	3	(4.8)
Non-adjudicated										
Belgium (French Community)	493	(4.9)	117	(3.3)	487	(6.3)	499	(6.2)	-11	(7.8)
Belgium (German-Speaking Community)	519	(2.9)	113	(2.5)	515	(4.5)	523	(5.0)	-8	(7.5)
Finland (Finnish Speaking)	569	(2.4)	96	(1.2)	566	(3.1)	573	(2.8)	**-7**	(3.4)
Finland (Swedish Speaking)	527	(6.1)	93	(4.0)	528	(5.8)	525	(9.2)	3	(9.4)
United Kingdom (England)	514	(2.9)	117	(2.1)	517	(3.7)	510	(3.7)	7	(4.6)
United Kingdom (Northern Ireland)	508	(3.7)	125	(2.5)	507	(6.7)	509	(6.4)	-2	(10.7)
United Kingdom (Wales)	504	(4.1)	112	(2.1)	507	(4.6)	501	(4.8)	6	(4.6)

	Percentiles											
	5th		10th		25th		75th		90th		95th	
	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
Adjudicated												
Belgium (Flemish Community)	338	(13.9)	385	(9.9)	466	(5.6)	612	(3.2)	659	(2.8)	684	(3.2)
Italy (Provincia Autonoma of Bolzano)	361	(6.4)	398	(6.1)	465	(5.6)	598	(3.3)	651	(3.9)	679	(4.2)
Italy (Provincia Campania)	268	(7.6)	302	(7.7)	362	(8.1)	498	(7.4)	555	(8.8)	589	(11.7)
Italy (Provincia Basilicata)	268	(13.1)	305	(13.5)	374	(9.2)	514	(7.7)	572	(6.3)	609	(6.5)
Italy (Provincia Emilia Romagna)	329	(9.7)	366	(8.2)	442	(6.6)	581	(5.7)	639	(7.0)	668	(7.7)
Italy (Provincia Friuli Venezia Giulia)	366	(9.3)	404	(5.3)	468	(4.5)	596	(5.1)	650	(6.4)	682	(7.1)
Italy (Provincia Sicilia)	231	(16.6)	274	(13.3)	346	(10.5)	497	(8.9)	562	(9.2)	598	(12.9)
Italy (Provincia Liguria)	287	(14.6)	330	(16.0)	409	(12.2)	560	(7.7)	621	(8.0)	651	(7.0)
Italy (Provincia Lombardia)	308	(25.0)	355	(16.2)	429	(11.0)	571	(7.2)	629	(7.3)	660	(7.7)
Italy (Provincia Piemonte)	322	(9.6)	366	(8.7)	437	(8.6)	578	(7.2)	634	(7.1)	664	(8.2)
Italy (Provincia Trento)	338	(6.8)	381	(4.3)	449	(4.0)	587	(4.9)	636	(4.3)	661	(5.8)
Italy (Provincia Sardegna)	238	(12.9)	282	(13.6)	359	(10.5)	514	(9.3)	574	(8.8)	612	(12.6)
Italy (Provincia Puglia)	284	(9.5)	318	(6.5)	374	(7.0)	502	(6.0)	563	(8.6)	600	(10.8)
Italy (Provincia Veneto)	354	(9.7)	391	(7.5)	454	(7.1)	590	(6.6)	643	(7.6)	676	(8.4)
Spain (Andalusia)	296	(9.9)	338	(9.0)	405	(5.8)	540	(5.2)	594	(5.6)	624	(6.5)
Spain (Basque Country)	332	(7.5)	375	(5.9)	437	(4.9)	565	(4.2)	618	(4.7)	650	(5.5)
Spain (Cantabria)	339	(8.5)	376	(7.7)	440	(5.2)	565	(3.6)	619	(4.7)	651	(5.7)
Spain (Galicia)	339	(6.0)	374	(6.3)	436	(4.5)	571	(4.2)	624	(6.0)	656	(5.7)
Spain (La Rioja)	358	(8.9)	393	(6.1)	455	(4.7)	586	(4.1)	639	(4.6)	665	(5.4)
Spain (Castile and Leon)	367	(8.4)	397	(7.4)	452	(5.1)	571	(4.7)	622	(5.7)	649	(7.5)
Spain (Navarre)	349	(6.8)	385	(5.5)	447	(4.5)	579	(4.5)	638	(5.6)	668	(7.0)
Spain (Aragon)	340	(10.9)	379	(7.2)	443	(6.5)	580	(6.6)	634	(6.0)	661	(5.9)
Spain (Catalonia)	323	(8.6)	363	(9.3)	429	(7.2)	562	(6.2)	615	(7.5)	645	(7.8)
Spain (Asturias)	336	(13.1)	375	(9.3)	441	(8.0)	566	(5.7)	618	(6.1)	647	(6.9)
United Kingdom (Scotland)	335	(10.1)	375	(5.6)	443	(5.0)	601	(4.4)	666	(5.3)	705	(5.2)
Non-adjudicated												
Belgium (French Community)	286	(11.5)	334	(9.0)	415	(7.1)	577	(5.4)	639	(6.1)	671	(7.5)
Belgium (German-Speaking Community)	318	(10.6)	363	(7.5)	441	(6.4)	601	(4.7)	657	(6.4)	688	(8.0)
Finland (Finnish Speaking)	408	(5.6)	445	(3.9)	506	(3.3)	635	(2.8)	691	(2.8)	723	(4.0)
Finland (Swedish Speaking)	370	(17.6)	410	(12.4)	463	(12.5)	596	(11.4)	641	(9.8)	675	(16.1)
United Kingdom (England)	315	(7.3)	360	(5.0)	434	(4.2)	598	(3.6)	662	(3.7)	699	(4.1)
United Kingdom (Northern Ireland)	297	(9.1)	342	(6.7)	420	(5.3)	599	(4.7)	665	(6.0)	702	(6.4)
United Kingdom (Wales)	321	(7.1)	360	(7.0)	426	(5.4)	585	(4.4)	647	(4.7)	684	(5.6)

Note: Values that are statistically significant are indicated in bold (see Annex A3). See Table 2.4c for national data.

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[Part 1/1]

Table S2m Mean score, variation and gender differences in student performance on the *knowledge about science* scale[1]

Tableau S2m Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle *connaissances à propos des sciences*

	All students				Gender differences					
	Mean score		Standard deviation		Males		Females		Difference (M – F)	
	Mean	S.E.	S.D.	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.
Adjudicated										
Belgium (Flemish Community)	535	(2.9)	95	(2.2)	531	(3.7)	540	(3.3)	**-10**	(4.2)
Italy (Provincia Autonoma of Bolzano)	519	(2.1)	88	(1.6)	518	(3.1)	520	(2.8)	-2	(4.3)
Italy (Provincia Campania)	438	(5.2)	89	(2.3)	441	(5.1)	435	(6.7)	6	(6.0)
Italy (Provincia Basilicata)	445	(4.5)	91	(2.4)	438	(6.1)	452	(5.2)	**-15**	(6.9)
Italy (Provincia Emilia Romagna)	508	(3.4)	96	(2.5)	508	(4.6)	509	(4.1)	0	(5.4)
Italy (Provincia Friuli Venezia Giulia)	531	(3.1)	90	(2.0)	526	(5.1)	536	(5.0)	-10	(7.8)
Italy (Provincia Sicilia)	435	(6.5)	100	(3.5)	433	(8.3)	437	(7.9)	-4	(9.5)
Italy (Provincia Liguria)	481	(6.4)	102	(2.7)	471	(8.4)	491	(6.2)	**-19**	(7.7)
Italy (Provincia Lombardia)	496	(5.3)	97	(3.2)	486	(8.8)	506	(5.1)	**-20**	(9.6)
Italy (Provincia Piemonte)	506	(4.0)	92	(2.4)	496	(6.0)	514	(4.5)	**-17**	(6.6)
Italy (Provincia Trento)	512	(2.6)	103	(2.3)	506	(4.3)	517	(3.6)	-11	(6.0)
Italy (Provincia Sardegna)	446	(5.4)	93	(2.9)	438	(7.6)	454	(5.5)	**-16**	(7.5)
Italy (Provincia Puglia)	446	(3.4)	88	(1.9)	439	(5.2)	453	(4.3)	**-14**	(6.1)
Italy (Provincia Veneto)	512	(4.8)	94	(2.6)	513	(6.3)	511	(7.5)	2	(10.0)
Spain (Andalusia)	477	(3.2)	87	(1.9)	477	(4.2)	476	(3.9)	1	(4.9)
Spain (Basque Country)	492	(3.1)	86	(1.3)	485	(3.9)	498	(3.0)	**-13**	(3.5)
Spain (Cantabria)	507	(3.0)	81	(2.0)	501	(4.5)	512	(3.3)	**-11**	(4.9)
Spain (Galicia)	503	(3.0)	90	(2.1)	498	(3.3)	509	(3.7)	**-11**	(3.6)
Spain (La Rioja)	517	(3.2)	89	(2.2)	512	(4.0)	523	(4.5)	**-12**	(5.6)
Spain (Castile and Leon)	513	(3.2)	78	(1.4)	509	(3.9)	518	(3.8)	**-9**	(4.2)
Spain (Navarre)	510	(2.7)	87	(2.0)	505	(3.4)	514	(4.0)	-9	(5.0)
Spain (Aragon)	508	(3.3)	89	(2.1)	503	(4.7)	512	(4.3)	-9	(6.2)
Spain (Catalonia)	493	(4.3)	89	(2.0)	491	(5.4)	495	(4.8)	-4	(5.4)
Spain (Asturias)	505	(4.4)	86	(1.9)	504	(6.0)	507	(4.1)	-3	(5.6)
United Kingdom (Scotland)	520	(3.4)	99	(2.3)	520	(4.6)	521	(3.8)	-1	(5.0)

	Percentiles											
	5th		10th		25th		75th		90th		95th	
	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
Adjudicated												
Belgium (Flemish Community)	369	(6.6)	405	(6.4)	473	(2.8)	602	(2.9)	655	(3.9)	685	(4.9)
Italy (Provincia Autonoma of Bolzano)	370	(7.6)	400	(5.1)	460	(3.3)	582	(2.6)	630	(4.5)	661	(5.1)
Italy (Provincia Campania)	295	(7.2)	320	(6.8)	377	(5.3)	501	(6.5)	552	(7.7)	583	(9.4)
Italy (Provincia Basilicata)	293	(8.1)	323	(5.7)	382	(6.3)	509	(5.8)	565	(5.3)	595	(8.1)
Italy (Provincia Emilia Romagna)	343	(8.7)	379	(5.1)	444	(5.6)	573	(3.8)	632	(4.3)	663	(9.2)
Italy (Provincia Friuli Venezia Giulia)	378	(8.3)	414	(5.2)	472	(5.1)	592	(5.0)	642	(4.9)	671	(7.6)
Italy (Provincia Sicilia)	277	(11.5)	309	(6.9)	364	(7.9)	505	(9.5)	563	(7.6)	604	(8.9)
Italy (Provincia Liguria)	311	(10.2)	345	(9.1)	410	(8.2)	552	(6.0)	610	(6.4)	644	(9.0)
Italy (Provincia Lombardia)	336	(14.1)	371	(7.7)	429	(6.9)	564	(6.9)	620	(4.2)	651	(7.8)
Italy (Provincia Piemonte)	353	(10.2)	385	(7.3)	443	(5.4)	570	(5.4)	621	(5.9)	651	(5.6)
Italy (Provincia Trento)	336	(7.5)	375	(4.2)	443	(5.0)	583	(5.6)	644	(7.5)	677	(7.4)
Italy (Provincia Sardegna)	292	(9.2)	323	(8.4)	382	(5.8)	511	(8.4)	569	(7.1)	600	(6.8)
Italy (Provincia Puglia)	302	(6.2)	334	(6.2)	388	(5.0)	506	(4.3)	563	(5.1)	595	(6.8)
Italy (Provincia Veneto)	352	(9.5)	385	(6.9)	449	(5.2)	577	(6.8)	633	(4.8)	660	(7.9)
Spain (Andalusia)	336	(7.0)	361	(6.6)	417	(4.2)	536	(5.1)	592	(5.9)	619	(4.9)
Spain (Basque Country)	350	(5.1)	380	(3.2)	435	(3.4)	550	(4.6)	603	(3.6)	631	(4.2)
Spain (Cantabria)	371	(8.9)	399	(6.8)	454	(3.8)	562	(3.0)	609	(5.0)	636	(5.6)
Spain (Galicia)	356	(5.9)	384	(4.9)	440	(4.3)	566	(4.9)	618	(4.4)	648	(6.0)
Spain (La Rioja)	367	(9.0)	404	(5.6)	457	(3.9)	579	(5.0)	631	(5.5)	660	(7.8)
Spain (Castile and Leon)	382	(8.0)	410	(4.3)	459	(5.0)	567	(3.7)	610	(3.7)	637	(3.9)
Spain (Navarre)	366	(4.9)	392	(3.7)	450	(4.5)	570	(5.0)	624	(3.4)	651	(5.2)
Spain (Aragon)	361	(5.4)	388	(4.6)	447	(3.7)	571	(5.3)	621	(5.4)	651	(7.4)
Spain (Catalonia)	339	(7.4)	374	(7.2)	434	(5.5)	556	(5.0)	607	(6.7)	637	(4.4)
Spain (Asturias)	356	(9.2)	388	(7.8)	451	(5.2)	564	(4.2)	616	(5.7)	641	(5.1)
United Kingdom (Scotland)	356	(6.6)	388	(6.5)	452	(5.0)	588	(5.2)	647	(6.2)	687	(5.8)

Note: Values that are statistically significant are indicated in bold (see Annex A3). See Table 2.7 for national data.
1. The scaling model for this scale does not allow analysis by subgroup other than adjudicated regions.
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[Part 1/1]

Table S2n Mean score, variation and gender differences in student performance on the "Earth and space systems" scale[1]

Tableau S2n Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle « systèmes de la Terre et de l'univers »

	All students				Gender differences					
	Mean score		Standard deviation		Males		Females		Difference (M – F)	
	Mean	S.E.	S.D.	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.
Adjudicated										
Belgium (Flemish Community)	520	(3.1)	107	(2.3)	532	(4.0)	505	(3.6)	**27**	(4.6)
Italy (Provincia Autonoma of Bolzano)	533	(2.6)	111	(2.0)	552	(4.2)	514	(3.7)	**38**	(6.1)
Italy (Provincia Campania)	437	(5.8)	99	(2.8)	454	(5.9)	420	(7.1)	**34**	(6.8)
Italy (Provincia Basilicata)	444	(4.8)	101	(3.2)	451	(6.3)	437	(5.8)	14	(7.4)
Italy (Provincia Emilia Romagna)	510	(3.7)	114	(3.0)	527	(5.3)	493	(4.7)	**34**	(6.8)
Italy (Provincia Friuli Venezia Giulia)	549	(3.3)	95	(2.8)	558	(5.1)	540	(5.0)	**18**	(7.9)
Italy (Provincia Sicilia)	435	(7.8)	122	(3.7)	445	(10.6)	427	(9.2)	18	(12.3)
Italy (Provincia Liguria)	489	(7.7)	124	(3.7)	489	(10.6)	489	(7.3)	0	(9.9)
Italy (Provincia Lombardia)	506	(6.3)	119	(4.2)	509	(10.6)	503	(6.2)	6	(11.8)
Italy (Provincia Piemonte)	515	(4.4)	100	(2.6)	522	(6.2)	509	(5.0)	13	(7.0)
Italy (Provincia Trento)	530	(3.6)	112	(2.1)	527	(5.3)	533	(5.0)	-7	(7.5)
Italy (Provincia Sardegna)	443	(6.0)	107	(3.3)	447	(8.6)	440	(5.9)	7	(8.6)
Italy (Provincia Puglia)	436	(4.1)	96	(2.2)	439	(5.8)	432	(4.6)	7	(6.8)
Italy (Provincia Veneto)	528	(6.2)	114	(3.0)	541	(7.7)	514	(9.1)	**26**	(12.2)
Spain (Andalusia)	474	(3.7)	101	(2.0)	488	(4.5)	461	(4.6)	**27**	(5.4)
Spain (Basque Country)	492	(3.3)	97	(1.4)	498	(4.2)	486	(3.3)	**12**	(3.7)
Spain (Cantabria)	518	(4.1)	100	(1.9)	531	(6.7)	505	(3.8)	**27**	(7.3)
Spain (Galicia)	505	(4.0)	102	(2.8)	519	(4.3)	490	(5.0)	**29**	(4.9)
Spain (La Rioja)	524	(3.9)	107	(3.3)	531	(5.9)	518	(5.2)	13	(8.0)
Spain (Castile and Leon)	532	(3.8)	101	(2.1)	541	(4.5)	523	(4.7)	**19**	(5.1)
Spain (Navarre)	522	(3.1)	95	(2.3)	533	(3.6)	511	(4.8)	**22**	(6.1)
Spain (Aragon)	527	(3.4)	99	(2.6)	534	(5.3)	521	(4.6)	13	(7.2)
Spain (Catalonia)	502	(5.3)	113	(2.2)	517	(7.0)	488	(5.3)	**29**	(6.4)
Spain (Asturias)	518	(5.0)	109	(2.4)	532	(7.4)	504	(5.6)	**29**	(8.4)
United Kingdom (Scotland)	497	(3.7)	110	(2.8)	512	(5.2)	482	(3.9)	**30**	(5.6)

	Percentiles											
	5th		10th		25th		75th		90th		95th	
	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
Adjudicated												
Belgium (Flemish Community)	336	(7.8)	380	(6.0)	449	(3.7)	595	(3.0)	656	(4.5)	691	(3.7)
Italy (Provincia Autonoma of Bolzano)	351	(7.5)	387	(5.9)	457	(5.1)	606	(4.5)	674	(6.3)	717	(8.9)
Italy (Provincia Campania)	277	(8.3)	308	(7.3)	371	(8.3)	505	(7.1)	568	(6.1)	601	(6.8)
Italy (Provincia Basilicata)	276	(9.7)	313	(8.2)	376	(7.5)	514	(8.1)	579	(8.4)	613	(9.2)
Italy (Provincia Emilia Romagna)	316	(10.0)	357	(7.4)	435	(6.1)	591	(4.4)	657	(7.0)	691	(7.1)
Italy (Provincia Friuli Venezia Giulia)	384	(7.8)	423	(6.3)	489	(5.3)	613	(5.3)	669	(5.9)	700	(8.9)
Italy (Provincia Sicilia)	247	(11.8)	286	(9.7)	349	(9.0)	519	(11.0)	595	(10.9)	639	(13.6)
Italy (Provincia Liguria)	285	(12.4)	326	(12.2)	404	(10.1)	578	(8.0)	649	(8.8)	695	(11.4)
Italy (Provincia Lombardia)	310	(13.4)	351	(11.4)	426	(8.7)	588	(7.7)	656	(7.9)	696	(8.0)
Italy (Provincia Piemonte)	344	(5.9)	386	(10.4)	450	(6.5)	586	(6.0)	640	(4.8)	672	(8.6)
Italy (Provincia Trento)	342	(9.3)	384	(5.2)	455	(2.9)	605	(5.7)	674	(7.1)	707	(9.1)
Italy (Provincia Sardegna)	268	(10.8)	308	(7.5)	370	(9.0)	515	(8.4)	587	(8.7)	624	(11.9)
Italy (Provincia Puglia)	282	(7.7)	314	(7.0)	369	(6.3)	499	(4.9)	565	(6.6)	601	(10.2)
Italy (Provincia Veneto)	330	(10.1)	376	(7.6)	452	(8.8)	608	(7.5)	674	(9.8)	714	(6.4)
Spain (Andalusia)	309	(12.9)	344	(7.8)	407	(4.5)	544	(5.1)	603	(7.3)	639	(8.1)
Spain (Basque Country)	329	(6.1)	367	(3.6)	427	(3.7)	558	(3.5)	620	(4.9)	652	(4.3)
Spain (Cantabria)	348	(10.1)	387	(6.7)	452	(4.6)	589	(5.2)	647	(5.8)	682	(6.8)
Spain (Galicia)	332	(8.1)	373	(7.1)	437	(5.4)	577	(7.6)	638	(6.0)	673	(5.7)
Spain (La Rioja)	345	(11.1)	384	(7.2)	454	(6.1)	596	(6.4)	664	(5.0)	699	(5.9)
Spain (Castile and Leon)	366	(6.1)	399	(5.5)	462	(5.0)	603	(5.4)	664	(7.5)	698	(5.8)
Spain (Navarre)	363	(6.5)	397	(5.7)	459	(5.7)	589	(4.7)	647	(4.5)	677	(4.4)
Spain (Aragon)	357	(7.7)	395	(5.4)	460	(6.7)	598	(5.6)	656	(6.8)	686	(7.7)
Spain (Catalonia)	316	(8.2)	359	(6.2)	425	(6.3)	580	(6.7)	650	(8.4)	692	(8.2)
Spain (Asturias)	333	(9.0)	373	(7.8)	446	(7.0)	592	(6.6)	659	(6.2)	699	(10.3)
United Kingdom (Scotland)	315	(8.7)	353	(6.2)	423	(4.3)	574	(5.0)	645	(7.3)	680	(5.6)

Note: Values that are statistically significant are indicated in bold (see Annex A3). See Table 2.8 for national data.
1. The scaling model for this scale does not allow analysis by subgroup other than adjudicated regions.
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[Part 1/1]

Table S2o Mean score, variation and gender differences in student performance on the "Living systems" scale[1]

Tableau S2o Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle « systèmes vivants »

	All students				Gender differences					
	Mean score		Standard deviation		Males		Females		Difference (M – F)	
	Mean	S.E.	S.D.	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.
Adjudicated										
Belgium (Flemish Community)	519	(2.8)	96	(2.0)	520	(3.5)	518	(3.4)	2	(4.1)
Italy (Provincia Autonoma of Bolzano)	543	(2.2)	90	(1.6)	547	(3.2)	540	(3.3)	8	(4.8)
Italy (Provincia Campania)	457	(4.9)	86	(2.4)	464	(4.9)	449	(6.0)	**15**	(5.5)
Italy (Provincia Basilicata)	463	(4.3)	90	(2.2)	460	(5.6)	465	(5.0)	-5	(6.5)
Italy (Provincia Emilia Romagna)	519	(3.8)	104	(3.0)	522	(5.0)	515	(4.9)	7	(6.3)
Italy (Provincia Friuli Venezia Giulia)	543	(3.5)	90	(2.3)	551	(5.3)	534	(5.3)	**17**	(8.1)
Italy (Provincia Sicilia)	450	(6.9)	104	(3.4)	457	(8.7)	444	(8.2)	13	(9.8)
Italy (Provincia Liguria)	498	(6.7)	107	(2.9)	496	(8.9)	500	(6.5)	-4	(8.3)
Italy (Provincia Lombardia)	509	(5.4)	100	(3.0)	502	(9.0)	517	(5.3)	-15	(10.2)
Italy (Provincia Piemonte)	516	(4.5)	97	(2.6)	510	(6.4)	522	(5.0)	-12	(6.9)
Italy (Provincia Trento)	525	(2.6)	91	(2.3)	525	(4.5)	526	(3.2)	-1	(5.7)
Italy (Provincia Sardegna)	464	(5.8)	99	(3.1)	461	(8.4)	466	(5.5)	-6	(8.1)
Italy (Provincia Puglia)	461	(3.5)	87	(2.2)	460	(4.9)	462	(4.3)	-2	(5.7)
Italy (Provincia Veneto)	530	(5.2)	99	(2.6)	540	(6.4)	521	(8.0)	19	(10.6)
Spain (Andalusia)	483	(3.7)	102	(2.1)	493	(4.6)	473	(4.5)	**19**	(5.4)
Spain (Basque Country)	500	(3.4)	99	(1.5)	502	(4.4)	498	(3.3)	4	(3.9)
Spain (Cantabria)	528	(3.6)	99	(2.4)	526	(5.2)	530	(4.1)	-5	(6.1)
Spain (Galicia)	514	(3.4)	101	(2.9)	521	(3.6)	506	(4.3)	**15**	(4.2)
Spain (La Rioja)	531	(3.1)	99	(2.7)	532	(4.3)	530	(4.5)	2	(6.2)
Spain (Castile and Leon)	543	(3.6)	96	(2.4)	544	(4.2)	541	(4.4)	4	(4.4)
Spain (Navarre)	522	(3.4)	104	(3.2)	526	(4.2)	518	(4.7)	8	(5.8)
Spain (Aragon)	533	(3.5)	98	(2.2)	532	(5.3)	534	(4.6)	-2	(7.2)
Spain (Catalonia)	490	(4.5)	98	(2.3)	495	(5.9)	485	(4.7)	10	(5.7)
Spain (Asturias)	507	(4.5)	95	(2.1)	512	(6.4)	502	(4.3)	10	(6.2)
United Kingdom (Scotland)	515	(3.5)	104	(2.7)	515	(4.7)	515	(4.1)	-1	(5.4)

	Percentiles											
	5th		10th		25th		75th		90th		95th	
	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
Adjudicated												
Belgium (Flemish Community)	355	(7.5)	388	(5.5)	456	(3.5)	587	(3.0)	638	(5.3)	670	(3.2)
Italy (Provincia Autonoma of Bolzano)	391	(4.2)	421	(4.9)	484	(4.3)	605	(4.0)	655	(5.1)	689	(5.3)
Italy (Provincia Campania)	316	(5.9)	343	(5.2)	397	(7.3)	516	(6.4)	568	(7.9)	600	(8.3)
Italy (Provincia Basilicata)	315	(6.7)	347	(6.0)	399	(5.4)	525	(4.9)	579	(5.3)	609	(6.2)
Italy (Provincia Emilia Romagna)	341	(5.8)	381	(8.1)	450	(5.4)	590	(4.6)	653	(6.9)	686	(8.7)
Italy (Provincia Friuli Venezia Giulia)	387	(10.1)	428	(6.7)	483	(5.7)	604	(4.5)	654	(5.1)	686	(7.7)
Italy (Provincia Sicilia)	288	(12.6)	322	(9.4)	377	(8.8)	525	(9.5)	586	(9.9)	628	(12.3)
Italy (Provincia Liguria)	322	(9.6)	358	(11.8)	423	(9.9)	571	(5.6)	638	(7.5)	668	(9.1)
Italy (Provincia Lombardia)	340	(12.9)	377	(10.2)	440	(8.8)	581	(6.7)	634	(5.5)	672	(7.0)
Italy (Provincia Piemonte)	354	(8.0)	388	(7.3)	451	(6.7)	585	(4.4)	639	(7.0)	670	(6.5)
Italy (Provincia Trento)	375	(8.0)	410	(4.4)	464	(4.5)	587	(4.7)	641	(7.2)	673	(10.4)
Italy (Provincia Sardegna)	300	(7.8)	333	(8.6)	396	(8.0)	530	(6.3)	594	(10.8)	629	(11.1)
Italy (Provincia Puglia)	321	(4.9)	350	(5.2)	401	(3.9)	520	(5.4)	576	(6.2)	606	(7.9)
Italy (Provincia Veneto)	363	(10.3)	400	(8.5)	464	(6.8)	598	(7.1)	658	(6.1)	685	(5.4)
Spain (Andalusia)	318	(8.5)	355	(7.7)	414	(4.0)	551	(5.3)	617	(7.1)	651	(7.3)
Spain (Basque Country)	341	(5.6)	377	(4.6)	430	(3.6)	566	(4.6)	628	(4.6)	662	(4.5)
Spain (Cantabria)	364	(8.4)	399	(6.3)	461	(5.8)	595	(5.8)	655	(4.8)	687	(4.5)
Spain (Galicia)	349	(9.7)	383	(6.0)	444	(4.5)	583	(6.9)	645	(5.9)	680	(7.6)
Spain (La Rioja)	362	(8.2)	401	(9.6)	464	(6.6)	599	(5.0)	656	(5.8)	692	(6.6)
Spain (Castile and Leon)	379	(9.9)	417	(7.1)	480	(4.1)	611	(5.2)	668	(5.5)	700	(4.7)
Spain (Navarre)	348	(11.6)	386	(7.7)	451	(6.5)	592	(5.5)	659	(5.7)	689	(9.5)
Spain (Aragon)	371	(6.1)	403	(6.8)	466	(4.7)	600	(5.7)	661	(4.0)	690	(7.5)
Spain (Catalonia)	326	(7.3)	359	(6.5)	423	(5.9)	559	(5.5)	613	(7.5)	648	(6.2)
Spain (Asturias)	345	(9.0)	379	(7.1)	445	(6.3)	569	(5.1)	628	(7.4)	660	(7.6)
United Kingdom (Scotland)	345	(6.6)	379	(5.7)	444	(5.3)	585	(6.0)	648	(4.8)	685	(8.1)

Note: Values that are statistically significant are indicated in bold (see Annex A3). See Table 2.9 for national data.
1. The scaling model for this scale does not allow analysis by subgroup other than adjudicated regions.

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[Part 1/1]

Table S2p Mean score, variation and gender differences in student performance on the "Physical systems" scale[1]

Tableau S2p Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle « systèmes physiques »

	All students				Gender differences					
	Mean score		Standard deviation		Males		Females		Difference (M – F)	
	Mean	S.E.	S.D.	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.
Adjudicated										
Belgium (Flemish Community)	532	(2.7)	98	(2.1)	543	(3.4)	518	(3.2)	**25**	(3.9)
Italy (Provincia Autonoma of Bolzano)	515	(2.3)	94	(1.9)	542	(3.7)	489	(3.1)	**53**	(5.2)
Italy (Provincia Campania)	442	(5.6)	88	(2.5)	462	(5.3)	423	(6.9)	**40**	(6.2)
Italy (Provincia Basilicata)	447	(4.3)	89	(2.3)	458	(5.7)	436	(4.8)	**22**	(6.0)
Italy (Provincia Emilia Romagna)	506	(3.3)	97	(2.6)	528	(4.6)	483	(4.5)	**44**	(6.4)
Italy (Provincia Friuli Venezia Giulia)	524	(3.6)	96	(2.3)	542	(5.0)	508	(5.3)	**34**	(8.1)
Italy (Provincia Sicilia)	440	(6.5)	101	(3.3)	453	(8.4)	428	(7.8)	**25**	(9.9)
Italy (Provincia Liguria)	484	(6.6)	104	(3.1)	490	(9.2)	478	(6.1)	12	(8.6)
Italy (Provincia Lombardia)	493	(5.5)	100	(2.8)	501	(8.9)	484	(5.2)	17	(9.6)
Italy (Provincia Piemonte)	500	(4.5)	95	(2.5)	511	(5.9)	490	(5.4)	**21**	(7.1)
Italy (Provincia Trento)	520	(2.8)	93	(2.0)	523	(4.5)	517	(3.9)	6	(6.4)
Italy (Provincia Sardegna)	444	(5.5)	94	(3.0)	452	(7.9)	436	(5.1)	**16**	(7.9)
Italy (Provincia Puglia)	445	(3.8)	94	(2.3)	454	(5.7)	437	(4.1)	**16**	(6.9)
Italy (Provincia Veneto)	516	(5.2)	97	(2.5)	532	(6.3)	500	(7.4)	**32**	(10.2)
Spain (Andalusia)	463	(3.4)	90	(1.9)	480	(3.8)	448	(4.5)	**32**	(4.9)
Spain (Basque Country)	479	(2.9)	88	(1.3)	488	(3.9)	469	(3.0)	**19**	(3.6)
Spain (Cantabria)	494	(3.2)	92	(2.2)	506	(5.0)	482	(4.1)	**24**	(6.7)
Spain (Galicia)	493	(2.8)	94	(2.3)	507	(3.2)	478	(3.7)	**29**	(3.9)
Spain (La Rioja)	501	(3.1)	85	(2.4)	510	(4.1)	493	(4.4)	**17**	(5.9)
Spain (Castile and Leon)	505	(3.2)	87	(1.8)	520	(4.0)	489	(3.9)	**30**	(4.6)
Spain (Navarre)	499	(3.2)	92	(2.2)	511	(4.1)	487	(4.2)	**24**	(5.6)
Spain (Aragon)	500	(3.1)	92	(2.0)	508	(4.8)	491	(3.8)	**17**	(6.0)
Spain (Catalonia)	483	(4.1)	93	(1.7)	498	(5.3)	468	(4.5)	**30**	(5.2)
Spain (Asturias)	495	(4.3)	90	(1.9)	509	(6.0)	481	(4.2)	**28**	(5.7)
United Kingdom (Scotland)	508	(3.5)	106	(2.4)	522	(4.8)	493	(3.9)	**29**	(5.3)

	Percentiles											
	5th		10th		25th		75th		90th		95th	
	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
Adjudicated												
Belgium (Flemish Community)	367	(5.8)	401	(4.5)	464	(4.2)	600	(3.1)	657	(3.6)	691	(2.5)
Italy (Provincia Autonoma of Bolzano)	355	(5.2)	392	(4.9)	451	(3.3)	579	(3.7)	634	(4.7)	670	(5.8)
Italy (Provincia Campania)	299	(9.4)	328	(6.9)	379	(7.9)	503	(7.5)	558	(8.2)	591	(9.3)
Italy (Provincia Basilicata)	303	(7.3)	332	(6.3)	385	(6.3)	509	(4.5)	564	(6.8)	596	(6.7)
Italy (Provincia Emilia Romagna)	340	(8.6)	376	(4.9)	442	(4.4)	573	(4.8)	628	(4.4)	659	(8.0)
Italy (Provincia Friuli Venezia Giulia)	364	(7.2)	400	(7.9)	461	(4.5)	590	(4.6)	647	(5.6)	680	(5.0)
Italy (Provincia Sicilia)	281	(13.6)	314	(8.3)	367	(5.9)	511	(9.3)	574	(9.0)	608	(9.9)
Italy (Provincia Liguria)	314	(9.0)	348	(8.8)	410	(9.8)	555	(6.0)	615	(8.7)	648	(12.0)
Italy (Provincia Lombardia)	327	(9.2)	362	(9.5)	425	(8.6)	564	(8.3)	624	(5.8)	654	(5.3)
Italy (Provincia Piemonte)	336	(8.5)	377	(7.8)	437	(6.3)	565	(4.9)	620	(8.1)	649	(6.9)
Italy (Provincia Trento)	368	(4.7)	403	(5.4)	455	(4.2)	586	(3.8)	640	(7.7)	675	(5.9)
Italy (Provincia Sardegna)	294	(6.8)	323	(7.0)	377	(8.4)	509	(7.6)	568	(7.7)	602	(8.3)
Italy (Provincia Puglia)	294	(7.1)	327	(5.9)	379	(4.9)	508	(6.1)	571	(6.5)	606	(6.7)
Italy (Provincia Veneto)	353	(8.5)	389	(7.1)	452	(8.0)	582	(6.3)	637	(6.4)	672	(8.1)
Spain (Andalusia)	316	(9.3)	350	(6.5)	402	(4.4)	525	(3.9)	579	(4.8)	616	(6.5)
Spain (Basque Country)	333	(4.6)	366	(5.4)	419	(4.0)	538	(3.1)	593	(4.8)	626	(4.3)
Spain (Cantabria)	343	(6.6)	374	(5.4)	431	(5.2)	556	(5.0)	615	(5.4)	645	(5.9)
Spain (Galicia)	342	(6.2)	371	(4.6)	427	(5.1)	558	(4.0)	614	(4.4)	651	(6.4)
Spain (La Rioja)	359	(9.5)	388	(7.1)	446	(4.4)	559	(4.8)	614	(5.8)	642	(5.2)
Spain (Castile and Leon)	361	(8.0)	392	(6.0)	445	(5.5)	564	(4.1)	616	(4.9)	645	(7.8)
Spain (Navarre)	352	(4.7)	378	(4.8)	433	(5.5)	562	(3.6)	621	(6.2)	654	(5.4)
Spain (Aragon)	353	(5.5)	379	(4.3)	435	(6.0)	564	(5.8)	622	(7.1)	654	(6.4)
Spain (Catalonia)	331	(5.6)	361	(6.5)	418	(4.8)	547	(5.1)	604	(5.8)	638	(7.8)
Spain (Asturias)	342	(8.4)	377	(7.8)	435	(6.2)	556	(4.6)	609	(6.5)	643	(5.3)
United Kingdom (Scotland)	336	(8.0)	371	(5.9)	433	(5.7)	580	(4.1)	649	(6.7)	685	(5.8)

Note: Values that are statistically significant are indicated in bold (see Annex A3). See Table 2.10 for national data.
1. The scaling model for this scale does not allow analysis by subgroup other than adjudicated regions.
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[Part 1/2]

Table S3a Index of self-efficacy in science and performance on the science scale, by quarters of the index[1]

Tableau S3a Indice de perception des capacités personnelles en sciences et scores sur l'échelle de culture scientifique, par quartile de l'indice

	Index of self-efficacy in science															
	All students		Males		Females		Gender difference (M - F)		Bottom quarter		Second quarter		Third quarter		Top quarter	
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
Adjudicated																
Belgium (Flemish Community)	-0.06	(0.03)	-0.02	(0.04)	-0.11	(0.03)	**0.09**	(0.04)	-1.36	(0.03)	-0.33	(0.00)	0.25	(0.01)	1.20	(0.02)
Italy (Provincia Autonoma of Bolzano)	-0.27	(0.02)	-0.17	(0.03)	-0.37	(0.03)	**0.21**	(0.03)	-1.24	(0.03)	-0.50	(0.01)	-0.07	(0.01)	0.73	(0.03)
Italy (Provincia Campania)	-0.16	(0.03)	-0.06	(0.03)	-0.26	(0.04)	**0.20**	(0.04)	-1.09	(0.03)	-0.40	(0.01)	0.03	(0.01)	0.83	(0.04)
Italy (Provincia Basilicata)	-0.14	(0.02)	-0.09	(0.03)	-0.20	(0.04)	**0.11**	(0.05)	-1.06	(0.03)	-0.38	(0.01)	0.02	(0.01)	0.83	(0.02)
Italy (Provincia Emilia Romagna)	-0.22	(0.02)	-0.12	(0.02)	-0.31	(0.04)	**0.18**	(0.05)	-1.15	(0.02)	-0.43	(0.01)	0.00	(0.01)	0.73	(0.02)
Italy (Provincia Friuli Venezia Giulia)	-0.16	(0.03)	-0.15	(0.04)	-0.18	(0.04)	0.03	(0.06)	-1.07	(0.04)	-0.38	(0.01)	0.04	(0.01)	0.76	(0.03)
Italy (Provincia Sicilia)	-0.21	(0.04)	-0.15	(0.06)	-0.27	(0.03)	0.11	(0.07)	-1.13	(0.04)	-0.41	(0.01)	-0.04	(0.01)	0.74	(0.04)
Italy (Provincia Liguria)	-0.24	(0.03)	-0.16	(0.05)	-0.32	(0.04)	**0.16**	(0.04)	-1.25	(0.04)	-0.45	(0.01)	-0.03	(0.01)	0.79	(0.03)
Italy (Provincia Lombardia)	-0.26	(0.02)	-0.23	(0.04)	-0.29	(0.03)	0.06	(0.05)	-1.17	(0.04)	-0.44	(0.01)	-0.06	(0.01)	0.63	(0.03)
Italy (Provincia Piemonte)	-0.21	(0.04)	-0.16	(0.05)	-0.26	(0.04)	**0.10**	(0.04)	-1.14	(0.03)	-0.41	(0.01)	-0.03	(0.01)	0.73	(0.06)
Italy (Provincia Trento)	-0.25	(0.02)	-0.15	(0.03)	-0.34	(0.03)	**0.18**	(0.04)	-1.18	(0.03)	-0.44	(0.01)	-0.06	(0.01)	0.70	(0.04)
Italy (Provincia Sardegna)	-0.22	(0.04)	-0.16	(0.05)	-0.28	(0.05)	0.12	(0.07)	-1.32	(0.07)	-0.44	(0.01)	0.05	(0.01)	0.83	(0.03)
Italy (Provincia Puglia)	-0.10	(0.03)	-0.03	(0.03)	-0.17	(0.03)	**0.14**	(0.04)	-1.00	(0.03)	-0.36	(0.01)	0.09	(0.01)	0.86	(0.02)
Italy (Provincia Veneto)	-0.19	(0.03)	-0.14	(0.03)	-0.25	(0.04)	**0.11**	(0.05)	-1.07	(0.03)	-0.39	(0.01)	0.00	(0.01)	0.70	(0.02)
Spain (Andalusia)	-0.18	(0.03)	-0.17	(0.05)	-0.19	(0.04)	0.02	(0.05)	-1.49	(0.03)	-0.49	(0.01)	0.16	(0.01)	1.10	(0.02)
Spain (Basque Country)	-0.22	(0.03)	-0.17	(0.04)	-0.26	(0.03)	**0.09**	(0.04)	-1.52	(0.03)	-0.49	(0.01)	0.09	(0.01)	1.06	(0.02)
Spain (Cantabria)	-0.03	(0.04)	-0.04	(0.05)	-0.02	(0.04)	-0.01	(0.05)	-1.36	(0.03)	-0.34	(0.01)	0.31	(0.01)	1.28	(0.04)
Spain (Galicia)	0.02	(0.05)	0.08	(0.06)	-0.05	(0.05)	**0.13**	(0.06)	-1.33	(0.03)	-0.31	(0.01)	0.34	(0.01)	1.38	(0.04)
Spain (La Rioja)	0.18	(0.03)	0.28	(0.05)	0.08	(0.04)	**0.21**	(0.06)	-1.17	(0.04)	-0.16	(0.01)	0.49	(0.01)	1.57	(0.04)
Spain (Castile and Leon)	0.10	(0.03)	0.14	(0.04)	0.06	(0.05)	0.09	(0.06)	-1.16	(0.04)	-0.21	(0.01)	0.44	(0.01)	1.35	(0.03)
Spain (Navarre)	-0.18	(0.02)	-0.11	(0.04)	-0.25	(0.03)	**0.14**	(0.05)	-1.53	(0.03)	-0.50	(0.01)	0.15	(0.01)	1.17	(0.04)
Spain (Aragon)	0.05	(0.03)	0.07	(0.04)	0.03	(0.05)	0.04	(0.06)	-1.21	(0.04)	-0.29	(0.01)	0.34	(0.01)	1.36	(0.03)
Spain (Catalonia)	-0.01	(0.04)	0.06	(0.05)	-0.08	(0.05)	**0.14**	(0.06)	-1.28	(0.03)	-0.31	(0.01)	0.31	(0.01)	1.25	(0.02)
Spain (Asturias)	0.02	(0.04)	0.11	(0.05)	-0.07	(0.05)	**0.18**	(0.06)	-1.35	(0.05)	-0.34	(0.01)	0.33	(0.01)	1.45	(0.04)
United Kingdom (Scotland)	-0.05	(0.03)	0.07	(0.04)	-0.16	(0.04)	**0.23**	(0.06)	-1.37	(0.04)	-0.37	(0.01)	0.22	(0.01)	1.33	(0.03)
Non-adjudicated																
Belgium (French Community)	-0.08	(0.03)	-0.01	(0.04)	-0.15	(0.03)	**0.14**	(0.04)	-1.19	(0.03)	-0.34	(0.01)	0.18	(0.01)	1.04	(0.02)
Belgium (German-Speaking Community)	-0.30	(0.03)	-0.19	(0.05)	-0.40	(0.04)	**0.21**	(0.07)	-1.46	(0.05)	-0.55	(0.01)	-0.02	(0.01)	0.83	(0.03)
Finland (Finnish Speaking)	0.03	(0.02)	0.08	(0.02)	-0.01	(0.02)	**0.10**	(0.03)	-1.06	(0.02)	-0.27	(0.00)	0.27	(0.01)	1.19	(0.02)
Finland (Swedish Speaking)	-0.20	(0.05)	-0.09	(0.08)	-0.31	(0.06)	**0.23**	(0.11)	-1.25	(0.06)	-0.42	(0.02)	0.04	(0.02)	0.85	(0.07)
United Kingdom (England)	0.22	(0.02)	0.36	(0.03)	0.08	(0.02)	**0.28**	(0.03)	-0.99	(0.02)	-0.14	(0.01)	0.45	(0.01)	1.56	(0.02)
United Kingdom (Northern Ireland)	0.05	(0.02)	0.13	(0.03)	-0.04	(0.04)	**0.18**	(0.06)	-1.22	(0.03)	-0.24	(0.01)	0.33	(0.01)	1.33	(0.02)
United Kingdom (Wales)	0.10	(0.02)	0.21	(0.03)	0.00	(0.03)	**0.21**	(0.04)	-1.03	(0.02)	-0.23	(0.01)	0.33	(0.01)	1.35	(0.03)

Note: Values that are statistically significant are indicated in bold (see Annex A3). See Table 3.3 for national data.
1. Results based on students' self-reports.
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[Part 2/2]

Table S3a Index of self-efficacy in science and performance on the science scale, by quarters of the index[1]

Tableau S3a Indice de perception des capacités personnelles en sciences et scores sur l'échelle de culture scientifique, par quartile de l'indice

	Performance on the science scale, by quarters of this index								Change in the science score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the science performance distribution		Explained variance in student performance (r-squared x 100)	
	Bottom quarter		Second quarter		Third quarter		Top quarter							
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E	Effect	S.E.	Ratio	S.E.	%	S.E.
Adjudicated														
Belgium (Flemish Community)	**479**	(5.8)	524	(2.6)	547	(3.3)	**587**	(3.1)	**38.8**	(1.41)	**2.6**	(0.15)	21.1	(1.36)
Italy (Provincia Autonoma of Bolzano)	**480**	(4.6)	511	(4.3)	545	(4.0)	**572**	(4.1)	**44.0**	(2.80)	**2.2**	(0.20)	17.4	(1.77)
Italy (Provincia Campania)	**412**	(6.4)	433	(7.4)	456	(7.0)	**471**	(7.3)	**28.9**	(3.38)	**1.8**	(0.21)	8.0	(1.74)
Italy (Provincia Basilicata)	**420**	(7.1)	446	(5.8)	458	(6.4)	**481**	(6.8)	**28.3**	(3.24)	**1.8**	(0.22)	7.0	(1.38)
Italy (Provincia Emilia Romagna)	**463**	(6.5)	503	(4.6)	528	(4.5)	**548**	(6.6)	**41.2**	(4.03)	**2.3**	(0.23)	12.1	(1.93)
Italy (Provincia Friuli Venezia Giulia)	**492**	(5.9)	525	(4.5)	548	(4.6)	**572**	(6.5)	**40.7**	(4.20)	**2.3**	(0.29)	13.8	(2.85)
Italy (Provincia Sicilia)	**393**	(7.7)	422	(9.3)	446	(9.0)	**473**	(9.8)	**43.6**	(5.31)	**1.9**	(0.32)	11.8	(3.89)
Italy (Provincia Liguria)	**445**	(7.1)	484	(7.2)	501	(7.2)	**523**	(10.1)	**35.1**	(3.60)	**1.9**	(0.26)	10.0	(2.07)
Italy (Provincia Lombardia)	**457**	(8.6)	491	(7.6)	516	(8.1)	**534**	(8.8)	**43.5**	(5.03)	**2.0**	(0.25)	12.2	(2.82)
Italy (Provincia Piemonte)	**465**	(5.4)	503	(6.8)	521	(4.3)	**545**	(6.8)	**41.3**	(3.42)	**2.1**	(0.22)	12.9	(1.81)
Italy (Provincia Trento)	**476**	(4.2)	511	(5.0)	536	(6.4)	**564**	(4.4)	**40.4**	(3.25)	**2.2**	(0.20)	12.1	(1.73)
Italy (Provincia Sardegna)	**403**	(7.5)	441	(7.6)	468	(6.6)	**487**	(9.4)	**37.1**	(3.17)	**2.3**	(0.28)	13.5	(2.00)
Italy (Provincia Puglia)	**417**	(5.4)	442	(6.4)	462	(4.9)	**471**	(6.3)	**26.9**	(2.94)	**1.8**	(0.20)	6.4	(1.53)
Italy (Provincia Veneto)	**481**	(7.1)	516	(5.8)	543	(5.8)	**556**	(6.8)	**42.5**	(3.15)	**2.2**	(0.25)	12.2	(1.53)
Spain (Andalusia)	**428**	(5.6)	462	(6.6)	483	(5.1)	**526**	(4.6)	**35.8**	(2.51)	**2.2**	(0.30)	18.3	(1.92)
Spain (Basque Country)	**459**	(3.9)	486	(4.2)	502	(4.6)	**534**	(4.9)	**27.3**	(1.72)	**1.9**	(0.15)	12.0	(1.32)
Spain (Cantabria)	**458**	(5.2)	502	(5.0)	529	(5.6)	**552**	(4.3)	**34.8**	(2.24)	**2.7**	(0.27)	19.2	(1.86)
Spain (Galicia)	**453**	(4.1)	499	(4.9)	518	(5.4)	**549**	(5.4)	**32.7**	(2.28)	**2.5**	(0.21)	17.0	(2.11)
Spain (La Rioja)	**470**	(5.2)	511	(5.1)	540	(5.1)	**559**	(5.1)	**31.8**	(2.53)	**2.4**	(0.29)	16.3	(2.36)
Spain (Castile and Leon)	**484**	(4.7)	506	(4.3)	532	(5.4)	**558**	(5.6)	**28.8**	(2.07)	**2.0**	(0.16)	13.5	(1.73)
Spain (Navarre)	**463**	(4.2)	499	(4.8)	521	(4.9)	**563**	(5.0)	**33.2**	(1.73)	**2.3**	(0.17)	16.7	(1.42)
Spain (Aragon)	**469**	(5.3)	502	(4.6)	530	(5.3)	**554**	(5.8)	**31.5**	(2.41)	**2.2**	(0.23)	14.1	(1.72)
Spain (Catalonia)	**443**	(6.1)	484	(6.1)	502	(6.3)	**538**	(5.9)	**35.6**	(2.02)	**2.2**	(0.23)	16.8	(1.67)
Spain (Asturias)	**465**	(5.6)	498	(5.5)	520	(6.2)	**553**	(4.8)	**30.0**	(1.69)	**2.4**	(0.26)	17.1	(1.83)
United Kingdom (Scotland)	**456**	(3.3)	496	(4.8)	526	(5.9)	**583**	(6.2)	**43.3**	(2.23)	**2.4**	(0.20)	22.8	(2.01)
Non-adjudicated														
Belgium (French Community)	**439**	(5.0)	486	(5.3)	499	(5.8)	**537**	(5.8)	**39.4**	(2.57)	**2.1**	(0.18)	12.7	(1.58)
Belgium (German-Speaking Community)	**465**	(6.1)	509	(6.1)	531	(6.5)	**570**	(7.5)	**41.3**	(3.86)	**2.3**	(0.31)	16.9	(2.79)
Finland (Finnish Speaking)	**516**	(2.6)	549	(2.8)	581	(3.4)	**614**	(3.2)	**40.6**	(1.63)	**2.5**	(0.16)	19.5	(1.51)
Finland (Swedish Speaking)	**479**	(14.0)	521	(10.3)	548	(8.6)	**576**	(11.0)	**41.2**	(4.78)	**2.5**	(0.55)	17.6	(3.23)
United Kingdom (England)	**443**	(3.8)	498	(2.9)	533	(3.7)	**593**	(3.1)	**53.8**	(1.44)	**2.9**	(0.16)	27.4	(1.26)
United Kingdom (Northern Ireland)	**438**	(5.4)	494	(5.2)	528	(4.5)	**579**	(4.3)	**49.8**	(1.91)	**2.7**	(0.23)	22.2	(1.41)
United Kingdom (Wales)	**439**	(4.2)	481	(4.0)	517	(4.4)	**583**	(4.8)	**55.3**	(2.07)	**2.6**	(0.17)	28.1	(1.70)

Note: Values that are statistically significant are indicated in bold (see Annex A3). See Table 3.3 for national data.
1. Results based on students' self-reports.
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[Part 1/2]

Table S3b Index of self-concept in science and performance on the science scale, by quarters of the index[1]

Tableau S3b Indice de perception de soi en sciences et scores sur l'échelle de culture scientifique, par quartile de l'indice

	Index of self-concept in science															
	All students		Males		Females		Gender difference (M - F)		Bottom quarter		Second quarter		Third quarter		Top quarter	
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
Adjudicated																
Belgium (Flemish Community)	-0.27	(0.02)	-0.15	(0.03)	-0.41	(0.02)	**0.26**	(0.04)	-1.49	(0.03)	-0.50	(0.01)	0.03	(0.00)	0.88	(0.02)
Italy (Provincia Autonoma of Bolzano)	0.13	(0.02)	0.19	(0.03)	0.08	(0.03)	**0.11**	(0.05)	-1.12	(0.03)	-0.13	(0.01)	0.42	(0.01)	1.37	(0.02)
Italy (Provincia Campania)	0.32	(0.03)	0.46	(0.03)	0.17	(0.04)	**0.29**	(0.05)	-0.68	(0.03)	0.03	(0.01)	0.56	(0.01)	1.37	(0.02)
Italy (Provincia Basilicata)	0.27	(0.03)	0.36	(0.03)	0.16	(0.05)	**0.20**	(0.06)	-0.74	(0.03)	-0.03	(0.01)	0.51	(0.01)	1.32	(0.02)
Italy (Provincia Emilia Romagna)	0.01	(0.03)	0.14	(0.04)	-0.13	(0.05)	**0.28**	(0.05)	-1.07	(0.03)	-0.32	(0.01)	0.27	(0.01)	1.18	(0.03)
Italy (Provincia Friuli Venezia Giulia)	0.03	(0.03)	0.15	(0.03)	-0.09	(0.03)	**0.24**	(0.04)	-0.98	(0.04)	-0.27	(0.01)	0.26	(0.01)	1.11	(0.03)
Italy (Provincia Sicilia)	0.34	(0.03)	0.43	(0.06)	0.25	(0.04)	**0.18**	(0.08)	-0.63	(0.04)	0.05	(0.01)	0.55	(0.01)	1.40	(0.03)
Italy (Provincia Liguria)	0.06	(0.04)	0.20	(0.05)	-0.09	(0.04)	**0.29**	(0.06)	-1.06	(0.03)	-0.23	(0.01)	0.35	(0.02)	1.20	(0.03)
Italy (Provincia Lombardia)	-0.03	(0.03)	0.07	(0.03)	-0.14	(0.05)	**0.21**	(0.06)	-1.10	(0.03)	-0.33	(0.01)	0.23	(0.01)	1.08	(0.02)
Italy (Provincia Piemonte)	0.09	(0.05)	0.15	(0.05)	0.03	(0.06)	**0.13**	(0.06)	-0.96	(0.03)	-0.24	(0.01)	0.33	(0.01)	1.22	(0.06)
Italy (Provincia Trento)	0.00	(0.02)	0.17	(0.03)	-0.16	(0.03)	**0.34**	(0.05)	-1.05	(0.03)	-0.30	(0.01)	0.27	(0.01)	1.09	(0.03)
Italy (Provincia Sardegna)	0.18	(0.05)	0.29	(0.06)	0.05	(0.06)	**0.24**	(0.08)	-1.01	(0.05)	-0.14	(0.01)	0.49	(0.01)	1.38	(0.02)
Italy (Provincia Puglia)	0.25	(0.04)	0.35	(0.04)	0.14	(0.05)	**0.20**	(0.06)	-0.84	(0.03)	-0.06	(0.01)	0.52	(0.01)	1.38	(0.02)
Italy (Provincia Veneto)	0.05	(0.04)	0.16	(0.04)	-0.08	(0.04)	**0.25**	(0.05)	-1.00	(0.03)	-0.27	(0.01)	0.29	(0.01)	1.16	(0.02)
Spain (Andalusia)	-0.13	(0.03)	0.00	(0.04)	-0.24	(0.05)	**0.24**	(0.06)	-1.34	(0.03)	-0.43	(0.01)	0.16	(0.01)	1.11	(0.03)
Spain (Basque Country)	-0.09	(0.02)	0.04	(0.03)	-0.22	(0.03)	**0.26**	(0.04)	-1.44	(0.02)	-0.37	(0.01)	0.26	(0.01)	1.18	(0.02)
Spain (Cantabria)	0.06	(0.03)	0.13	(0.04)	-0.02	(0.03)	**0.15**	(0.04)	-1.11	(0.03)	-0.28	(0.01)	0.37	(0.02)	1.26	(0.03)
Spain (Galicia)	0.11	(0.04)	0.23	(0.04)	-0.01	(0.04)	**0.24**	(0.05)	-1.15	(0.03)	-0.23	(0.01)	0.43	(0.01)	1.41	(0.03)
Spain (La Rioja)	0.12	(0.03)	0.18	(0.05)	0.05	(0.04)	**0.13**	(0.06)	-1.14	(0.04)	-0.20	(0.01)	0.42	(0.01)	1.40	(0.03)
Spain (Castile and Leon)	0.08	(0.03)	0.16	(0.04)	-0.02	(0.04)	**0.18**	(0.06)	-1.13	(0.03)	-0.24	(0.01)	0.40	(0.01)	1.28	(0.03)
Spain (Navarre)	-0.15	(0.04)	-0.06	(0.05)	-0.24	(0.06)	**0.18**	(0.07)	-1.57	(0.03)	-0.43	(0.01)	0.24	(0.01)	1.16	(0.03)
Spain (Aragon)	0.03	(0.03)	0.15	(0.04)	-0.10	(0.04)	**0.25**	(0.06)	-1.26	(0.03)	-0.27	(0.01)	0.40	(0.01)	1.24	(0.03)
Spain (Catalonia)	-0.03	(0.04)	0.12	(0.05)	-0.17	(0.05)	**0.29**	(0.06)	-1.28	(0.02)	-0.34	(0.01)	0.30	(0.01)	1.22	(0.03)
Spain (Asturias)	0.09	(0.03)	0.20	(0.03)	-0.04	(0.06)	**0.24**	(0.07)	-1.22	(0.04)	-0.23	(0.01)	0.43	(0.01)	1.37	(0.03)
United Kingdom (Scotland)	-0.07	(0.02)	0.05	(0.04)	-0.19	(0.03)	**0.24**	(0.05)	-1.34	(0.03)	-0.35	(0.01)	0.23	(0.01)	1.17	(0.02)
Non-adjudicated																
Belgium (French Community)	0.03	(0.03)	0.18	(0.04)	-0.11	(0.03)	**0.29**	(0.05)	-1.21	(0.03)	-0.21	(0.01)	0.34	(0.01)	1.21	(0.02)
Belgium (German-Speaking Community)	-0.02	(0.05)	0.15	(0.07)	-0.18	(0.06)	**0.33**	(0.09)	-1.44	(0.05)	-0.31	(0.02)	0.33	(0.02)	1.35	(0.04)
Finland (Finnish Speaking)	0.07	(0.02)	0.17	(0.02)	-0.03	(0.02)	**0.20**	(0.03)	-0.96	(0.02)	-0.22	(0.01)	0.37	(0.01)	1.07	(0.02)
Finland (Swedish Speaking)	0.05	(0.08)	0.15	(0.06)	-0.06	(0.13)	0.21	(0.13)	-1.15	(0.12)	-0.22	(0.03)	0.42	(0.03)	1.16	(0.08)
United Kingdom (England)	0.03	(0.01)	0.22	(0.02)	-0.15	(0.02)	**0.36**	(0.03)	-1.05	(0.02)	-0.22	(0.00)	0.28	(0.01)	1.12	(0.02)
United Kingdom (Northern Ireland)	-0.06	(0.02)	0.07	(0.03)	-0.18	(0.03)	**0.25**	(0.04)	-1.24	(0.03)	-0.32	(0.01)	0.18	(0.01)	1.15	(0.02)
United Kingdom (Wales)	0.03	(0.02)	0.19	(0.02)	-0.14	(0.02)	**0.32**	(0.03)	-1.01	(0.02)	-0.20	(0.00)	0.27	(0.01)	1.05	(0.02)

Note: Values that are statistically significant are indicated in bold (see Annex A3). See Table 3.4 for national data.
1. Results based on students' self-reports.

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[Part 2/2]

Table S3b Index of self-concept in science and performance on the science scale, by quarters of the index[1]

Tableau S3b Indice de perception de soi en sciences et scores sur l'échelle de culture scientifique, par quartile de l'indice

	Performance on the science scale, by quarters of this index								Change in the science score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the science performance distribution		Explained variance in student performance (r-squared x 100)	
	Bottom quarter		Second quarter		Third quarter		Top quarter							
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E	Effect	S.E.	Ratio	S.E.	%	S.E.
Adjudicated														
Belgium (Flemish Community)	**502**	(5.4)	532	(4.0)	555	(4.4)	**582**	(4.2)	**34.8**	(2.26)	**1.9**	(0.14)	14.0	(1.34)
Italy (Provincia Autonoma of Bolzano)	**491**	(5.3)	524	(4.7)	543	(5.0)	**562**	(4.7)	**29.6**	(2.63)	**1.9**	(0.20)	10.8	(1.89)
Italy (Provincia Campania)	**423**	(8.4)	429	(7.3)	450	(7.2)	**458**	(8.1)	**18.7**	(5.03)	1.4	(0.20)	3.5	(1.82)
Italy (Provincia Basilicata)	**426**	(5.1)	443	(6.0)	455	(7.3)	**462**	(7.5)	**18.1**	(3.66)	1.3	(0.16)	3.3	(1.36)
Italy (Provincia Emilia Romagna)	**479**	(6.5)	507	(6.2)	507	(4.9)	**540**	(7.8)	**24.8**	(3.84)	**1.5**	(0.21)	6.0	(1.79)
Italy (Provincia Friuli Venezia Giulia)	**511**	(5.9)	517	(5.5)	549	(6.0)	**559**	(5.5)	**24.4**	(3.46)	**1.4**	(0.20)	6.1	(1.69)
Italy (Provincia Sicilia)	**416**	(9.0)	428	(10.8)	440	(9.9)	**450**	(10.6)	**16.4**	(7.05)	1.3	(0.22)	1.8	(1.71)
Italy (Provincia Liguria)	**460**	(7.4)	474	(9.8)	484	(9.9)	**511**	(12.8)	**23.7**	(4.31)	1.2	(0.21)	5.1	(1.95)
Italy (Provincia Lombardia)	**474**	(7.2)	497	(5.9)	504	(8.5)	**522**	(12.2)	**21.1**	(4.27)	**1.4**	(0.19)	4.0	(1.69)
Italy (Provincia Piemonte)	**480**	(5.6)	494	(6.3)	509	(7.6)	**539**	(8.7)	**28.5**	(3.40)	**1.5**	(0.18)	8.1	(2.29)
Italy (Provincia Trento)	**494**	(4.7)	515	(4.5)	534	(5.5)	**552**	(6.5)	**26.0**	(3.32)	**1.6**	(0.17)	6.2	(1.57)
Italy (Provincia Sardegna)	**408**	(7.9)	438	(6.9)	446	(7.7)	**470**	(10.9)	**23.1**	(3.91)	**1.6**	(0.23)	5.8	(1.77)
Italy (Provincia Puglia)	**432**	(5.7)	442	(4.8)	453	(6.2)	**462**	(6.8)	**14.9**	(2.49)	**1.3**	(0.15)	2.7	(0.92)
Italy (Provincia Veneto)	**493**	(6.7)	510	(7.8)	541	(6.7)	**557**	(7.3)	**31.3**	(3.02)	**1.7**	(0.24)	9.5	(1.67)
Spain (Andalusia)	**449**	(5.6)	456	(4.2)	485	(5.8)	**514**	(6.6)	**28.4**	(2.70)	**1.5**	(0.20)	10.2	(1.67)
Spain (Basque Country)	**459**	(3.5)	481	(4.0)	508	(4.3)	**534**	(5.2)	**28.1**	(1.81)	**1.8**	(0.14)	12.5	(1.36)
Spain (Cantabria)	**473**	(5.6)	497	(4.3)	524	(5.3)	**549**	(5.3)	**31.0**	(2.72)	**1.9**	(0.21)	12.3	(1.99)
Spain (Galicia)	**476**	(4.8)	487	(5.8)	521	(5.0)	**540**	(6.1)	**25.3**	(1.88)	**1.6**	(0.21)	9.0	(1.48)
Spain (La Rioja)	**481**	(5.2)	506	(4.6)	533	(5.4)	**562**	(5.7)	**32.1**	(2.47)	**2.0**	(0.28)	14.6	(2.14)
Spain (Castile and Leon)	**487**	(5.0)	513	(5.4)	531	(5.4)	**551**	(5.0)	**26.0**	(2.49)	**1.8**	(0.17)	10.2	(1.86)
Spain (Navarre)	**478**	(4.3)	498	(5.0)	522	(6.7)	**553**	(6.6)	**26.0**	(1.99)	**1.7**	(0.17)	10.3	(1.54)
Spain (Aragon)	**477**	(4.7)	500	(6.1)	528	(6.0)	**552**	(6.3)	**28.7**	(2.58)	**1.8**	(0.19)	11.0	(1.68)
Spain (Catalonia)	**460**	(5.9)	484	(6.1)	500	(6.9)	**528**	(7.8)	**27.2**	(2.99)	**1.5**	(0.24)	9.3	(2.10)
Spain (Asturias)	**476**	(4.8)	502	(5.9)	521	(7.0)	**540**	(6.7)	**23.3**	(2.38)	**1.8**	(0.22)	8.6	(1.68)
United Kingdom (Scotland)	**478**	(4.4)	506	(5.0)	525	(5.0)	**562**	(6.7)	**31.2**	(2.13)	**1.6**	(0.14)	9.9	(1.34)
Non-adjudicated														
Belgium (French Community)	**469**	(5.5)	495	(6.0)	508	(7.2)	**524**	(7.4)	**23.5**	(2.61)	**1.7**	(0.14)	5.2	(1.17)
Belgium (German-Speaking Community)	**487**	(7.6)	524	(6.7)	540	(7.9)	**573**	(8.0)	**32.3**	(3.34)	**1.8**	(0.28)	13.2	(2.60)
Finland (Finnish Speaking)	**526**	(3.1)	549	(3.1)	580	(3.4)	**608**	(3.5)	**41.5**	(1.68)	**2.0**	(0.12)	16.7	(1.36)
Finland (Swedish Speaking)	**495**	(7.8)	508	(9.9)	552	(15.8)	**578**	(12.5)	**37.2**	(7.07)	**2.0**	(0.39)	18.0	(6.47)
United Kingdom (England)	**476**	(3.4)	503	(4.2)	529	(4.0)	**565**	(4.2)	**39.8**	(2.05)	**1.6**	(0.11)	11.0	(1.10)
United Kingdom (Northern Ireland)	**475**	(5.1)	495	(4.9)	522	(5.1)	**553**	(5.6)	**31.5**	(2.62)	**1.5**	(0.12)	7.4	(1.24)
United Kingdom (Wales)	**460**	(5.0)	488	(3.7)	519	(4.6)	**557**	(5.7)	**45.5**	(2.77)	**1.8**	(0.16)	13.9	(1.56)

Note: Values that are statistically significant are indicated in bold (see Annex A3). See Table 3.4 for national data.
1. Results based on students' self-reports.
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[Part 1/2]

Table S3c Index of personal value of science and performance on the science scale, by quarters of the index[1]

Tableau S3c Indice de valorisation personnelle des sciences et scores sur l'échelle de culture scientifique, par quartile de l'indice

	Index of personal value of science															
	All students		Males		Females		Gender difference (M - F)		Bottom quarter		Second quarter		Third quarter		Top quarter	
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
Adjudicated																
Belgium (Flemish Community)	-0.20	(0.02)	-0.12	(0.03)	-0.28	(0.02)	**0.16**	(0.03)	-1.24	(0.02)	-0.47	(0.01)	0.07	(0.01)	0.86	(0.02)
Italy (Provincia Autonoma of Bolzano)	-0.16	(0.03)	-0.09	(0.04)	-0.22	(0.03)	**0.13**	(0.05)	-1.39	(0.04)	-0.46	(0.01)	0.15	(0.01)	1.07	(0.03)
Italy (Provincia Campania)	0.27	(0.02)	0.35	(0.03)	0.20	(0.03)	**0.15**	(0.04)	-0.62	(0.03)	0.02	(0.01)	0.46	(0.01)	1.24	(0.03)
Italy (Provincia Basilicata)	0.16	(0.02)	0.21	(0.03)	0.11	(0.03)	**0.10**	(0.04)	-0.86	(0.02)	-0.09	(0.01)	0.42	(0.01)	1.18	(0.02)
Italy (Provincia Emilia Romagna)	0.05	(0.02)	0.13	(0.03)	-0.03	(0.03)	**0.16**	(0.05)	-0.93	(0.03)	-0.22	(0.01)	0.26	(0.01)	1.08	(0.02)
Italy (Provincia Friuli Venezia Giulia)	0.03	(0.03)	0.14	(0.04)	-0.07	(0.05)	**0.21**	(0.06)	-0.95	(0.03)	-0.22	(0.01)	0.24	(0.01)	1.06	(0.03)
Italy (Provincia Sicilia)	0.34	(0.03)	0.37	(0.05)	0.30	(0.03)	0.07	(0.06)	-0.63	(0.03)	0.10	(0.01)	0.54	(0.01)	1.33	(0.02)
Italy (Provincia Liguria)	0.06	(0.04)	0.10	(0.05)	0.03	(0.04)	0.07	(0.04)	-1.00	(0.03)	-0.20	(0.01)	0.26	(0.01)	1.19	(0.02)
Italy (Provincia Lombardia)	0.00	(0.03)	0.04	(0.03)	-0.04	(0.03)	**0.08**	(0.04)	-1.01	(0.04)	-0.24	(0.01)	0.23	(0.01)	1.01	(0.03)
Italy (Provincia Piemonte)	0.07	(0.04)	0.12	(0.03)	0.04	(0.05)	0.08	(0.06)	-0.91	(0.03)	-0.15	(0.01)	0.28	(0.01)	1.09	(0.02)
Italy (Provincia Trento)	0.06	(0.02)	0.18	(0.03)	-0.06	(0.03)	**0.24**	(0.04)	-0.93	(0.02)	-0.18	(0.01)	0.28	(0.01)	1.07	(0.03)
Italy (Provincia Sardegna)	0.14	(0.03)	0.20	(0.04)	0.07	(0.04)	**0.13**	(0.06)	-0.96	(0.03)	-0.10	(0.01)	0.37	(0.01)	1.26	(0.03)
Italy (Provincia Puglia)	0.27	(0.03)	0.31	(0.03)	0.24	(0.04)	0.06	(0.04)	-0.74	(0.02)	-0.01	(0.01)	0.53	(0.01)	1.32	(0.02)
Italy (Provincia Veneto)	0.10	(0.03)	0.17	(0.03)	0.03	(0.04)	**0.14**	(0.05)	-0.88	(0.02)	-0.12	(0.01)	0.30	(0.01)	1.11	(0.02)
Spain (Andalusia)	0.02	(0.03)	0.10	(0.04)	-0.05	(0.04)	**0.15**	(0.05)	-1.12	(0.03)	-0.26	(0.01)	0.28	(0.01)	1.19	(0.03)
Spain (Basque Country)	-0.01	(0.02)	0.04	(0.03)	-0.07	(0.03)	**0.10**	(0.03)	-1.23	(0.02)	-0.31	(0.01)	0.26	(0.01)	1.22	(0.02)
Spain (Cantabria)	0.08	(0.02)	0.09	(0.03)	0.07	(0.03)	0.02	(0.04)	-1.07	(0.02)	-0.19	(0.01)	0.34	(0.01)	1.25	(0.03)
Spain (Galicia)	0.07	(0.03)	0.12	(0.05)	0.00	(0.05)	0.12	(0.07)	-1.14	(0.03)	-0.22	(0.01)	0.33	(0.01)	1.31	(0.03)
Spain (La Rioja)	0.15	(0.03)	0.21	(0.04)	0.08	(0.04)	**0.13**	(0.06)	-1.04	(0.03)	-0.15	(0.01)	0.42	(0.01)	1.36	(0.03)
Spain (Castile and Leon)	0.13	(0.03)	0.16	(0.03)	0.10	(0.04)	0.06	(0.04)	-1.01	(0.03)	-0.16	(0.01)	0.38	(0.01)	1.32	(0.03)
Spain (Navarre)	-0.08	(0.03)	-0.06	(0.04)	-0.10	(0.04)	0.04	(0.04)	-1.34	(0.03)	-0.41	(0.01)	0.24	(0.01)	1.19	(0.03)
Spain (Aragon)	0.03	(0.03)	0.07	(0.04)	-0.01	(0.04)	0.08	(0.05)	-1.15	(0.03)	-0.25	(0.01)	0.30	(0.01)	1.23	(0.03)
Spain (Catalonia)	-0.04	(0.03)	0.00	(0.05)	-0.07	(0.05)	0.07	(0.08)	-1.20	(0.03)	-0.36	(0.01)	0.23	(0.01)	1.19	(0.02)
Spain (Asturias)	0.06	(0.03)	0.06	(0.04)	0.07	(0.05)	0.00	(0.06)	-1.15	(0.04)	-0.23	(0.01)	0.33	(0.01)	1.32	(0.02)
United Kingdom (Scotland)	0.03	(0.03)	0.13	(0.04)	-0.07	(0.03)	**0.20**	(0.05)	-1.25	(0.03)	-0.32	(0.01)	0.31	(0.01)	1.38	(0.02)
Non-adjudicated																
Belgium (French Community)	-0.08	(0.02)	-0.01	(0.03)	-0.16	(0.03)	**0.15**	(0.05)	-1.29	(0.03)	-0.40	(0.01)	0.21	(0.01)	1.16	(0.02)
Belgium (German-Speaking Community)	-0.37	(0.04)	-0.26	(0.05)	-0.48	(0.05)	**0.22**	(0.07)	-1.64	(0.04)	-0.70	(0.01)	-0.10	(0.02)	0.97	(0.04)
Finland (Finnish Speaking)	-0.09	(0.02)	-0.14	(0.02)	-0.04	(0.02)	**-0.10**	(0.02)	-1.14	(0.02)	-0.40	(0.01)	0.19	(0.01)	0.99	(0.02)
Finland (Swedish Speaking)	-0.15	(0.07)	-0.08	(0.12)	-0.23	(0.06)	0.15	(0.14)	-1.18	(0.09)	-0.52	(0.02)	0.12	(0.03)	0.99	(0.09)
United Kingdom (England)	0.03	(0.02)	0.12	(0.02)	-0.06	(0.02)	**0.18**	(0.03)	-1.13	(0.01)	-0.32	(0.01)	0.26	(0.00)	1.32	(0.02)
United Kingdom (Northern Ireland)	0.03	(0.02)	0.08	(0.03)	-0.03	(0.04)	**0.11**	(0.04)	-1.22	(0.02)	-0.30	(0.01)	0.31	(0.01)	1.33	(0.02)
United Kingdom (Wales)	0.13	(0.02)	0.22	(0.03)	0.04	(0.03)	**0.18**	(0.04)	-1.00	(0.02)	-0.22	(0.01)	0.34	(0.01)	1.41	(0.02)

Note: Values that are statistically significant are indicated in bold (see Annex A3). See Table 3.6 for national data.
1. Results based on students' self-reports.
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[Part 2/2]

Table S3c Index of personal value of science and performance on the science scale, by quarters of the index[1]

Tableau S3c Indice de valorisation personnelle des sciences et scores sur l'échelle de culture scientifique, par quartile de l'indice

	Performance on the science scale, by quarters of this index								Change in the science score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the science performance distribution		Explained variance in student performance (r-squared x 100)	
	Bottom quarter		Second quarter		Third quarter		Top quarter							
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E	Effect	S.E.	Ratio	S.E.	%	S.E.
Adjudicated														
Belgium (Flemish Community)	**505**	(5.4)	530	(3.4)	543	(3.8)	**559**	(4.0)	**24.9**	(2.75)	**1.6**	(0.11)	5.8	(1.15)
Italy (Provincia Autonoma of Bolzano)	**507**	(5.8)	524	(4.9)	529	(4.5)	**547**	(4.7)	**16.7**	(2.51)	1.3	(0.18)	3.6	(1.14)
Italy (Provincia Campania)	**432**	(7.7)	441	(6.7)	448	(7.1)	**449**	(7.5)	**10.8**	(4.30)	1.3	(0.16)	1.0	(0.78)
Italy (Provincia Basilicata)	**430**	(6.3)	453	(5.9)	456	(6.6)	**465**	(7.1)	**15.6**	(2.92)	**1.4**	(0.16)	2.3	(0.84)
Italy (Provincia Emilia Romagna)	**484**	(6.3)	509	(5.0)	515	(5.4)	**532**	(5.3)	**22.4**	(3.05)	**1.5**	(0.18)	3.8	(0.95)
Italy (Provincia Friuli Venezia Giulia)	**504**	(5.3)	534	(5.7)	549	(4.8)	**551**	(5.8)	**25.8**	(3.31)	**1.7**	(0.18)	6.4	(1.53)
Italy (Provincia Sicilia)	**418**	(10.9)	426	(9.9)	435	(12.9)	**456**	(9.1)	**22.4**	(6.45)	1.2	(0.27)	3.2	(2.13)
Italy (Provincia Liguria)	**465**	(8.9)	485	(7.9)	497	(8.1)	**506**	(10.3)	**19.8**	(4.18)	**1.4**	(0.19)	3.3	(1.37)
Italy (Provincia Lombardia)	**468**	(7.7)	504	(6.4)	511	(7.2)	**516**	(10.5)	**24.9**	(3.87)	**1.5**	(0.15)	4.6	(1.45)
Italy (Provincia Piemonte)	**480**	(6.5)	510	(7.3)	512	(6.7)	**535**	(6.4)	**24.7**	(3.98)	**1.6**	(0.21)	4.8	(1.44)
Italy (Provincia Trento)	**492**	(4.5)	519	(4.8)	524	(5.5)	**552**	(5.5)	**27.9**	(3.04)	**1.5**	(0.17)	6.0	(1.28)
Italy (Provincia Sardegna)	**420**	(8.8)	451	(6.1)	451	(9.3)	**476**	(8.9)	**22.3**	(4.10)	**1.7**	(0.19)	4.7	(1.66)
Italy (Provincia Puglia)	**430**	(5.7)	446	(6.3)	450	(5.7)	**466**	(6.9)	**14.8**	(3.39)	1.3	(0.18)	2.2	(0.97)
Italy (Provincia Veneto)	**495**	(6.3)	523	(6.9)	530	(5.9)	**550**	(8.6)	**26.9**	(3.66)	**1.6**	(0.19)	5.8	(1.49)
Spain (Andalusia)	**444**	(5.7)	467	(5.6)	483	(5.5)	**504**	(5.0)	**25.7**	(2.90)	**1.6**	(0.17)	7.4	(1.41)
Spain (Basque Country)	**461**	(3.8)	487	(4.0)	504	(4.2)	**528**	(4.7)	**26.1**	(1.50)	**1.8**	(0.13)	9.4	(1.00)
Spain (Cantabria)	**477**	(4.6)	503	(5.0)	520	(5.6)	**541**	(4.6)	**25.3**	(2.02)	**1.8**	(0.21)	7.9	(1.16)
Spain (Galicia)	**476**	(5.4)	503	(5.5)	513	(5.3)	**526**	(4.9)	**19.2**	(1.65)	**1.5**	(0.16)	4.8	(0.85)
Spain (La Rioja)	**487**	(4.6)	519	(4.8)	528	(6.4)	**545**	(5.5)	**21.4**	(2.88)	**1.7**	(0.21)	5.7	(1.44)
Spain (Castile and Leon)	**491**	(5.6)	517	(5.6)	530	(5.0)	**542**	(5.9)	**21.7**	(2.09)	**1.7**	(0.15)	6.5	(1.24)
Spain (Navarre)	**469**	(4.9)	509	(5.5)	526	(4.4)	**542**	(5.4)	**28.4**	(2.36)	**2.1**	(0.23)	10.5	(1.71)
Spain (Aragon)	**481**	(6.2)	510	(6.8)	522	(5.4)	**541**	(5.1)	**22.0**	(2.54)	**1.7**	(0.25)	5.9	(1.29)
Spain (Catalonia)	**465**	(7.1)	485	(6.3)	497	(6.8)	**520**	(8.4)	**22.7**	(3.54)	**1.5**	(0.21)	5.9	(1.88)
Spain (Asturias)	**477**	(6.4)	508	(4.8)	517	(6.6)	**536**	(5.6)	**21.2**	(2.47)	**1.8**	(0.19)	6.5	(1.40)
United Kingdom (Scotland)	**474**	(4.8)	499	(4.8)	526	(6.1)	**563**	(5.6)	**32.6**	(2.04)	**1.8**	(0.14)	11.8	(1.38)
Non-adjudicated														
Belgium (French Community)	**458**	(6.3)	485	(4.6)	498	(5.3)	**519**	(6.0)	**24.5**	(2.29)	**1.6**	(0.13)	5.5	(0.96)
Belgium (German-Speaking Community)	**497**	(6.4)	510	(7.8)	521	(7.0)	**549**	(7.4)	**20.4**	(3.26)	**1.4**	(0.18)	4.9	(1.52)
Finland (Finnish Speaking)	**534**	(3.1)	557	(3.0)	572	(3.4)	**597**	(2.5)	**29.1**	(1.45)	**1.8**	(0.12)	9.0	(0.89)
Finland (Swedish Speaking)	**508**	(10.9)	511	(13.9)	541	(12.7)	**564**	(10.9)	**25.5**	(5.56)	1.3	(0.36)	7.5	(3.57)
United Kingdom (England)	**482**	(4.3)	500	(3.7)	522	(3.5)	**564**	(3.9)	**32.7**	(1.71)	**1.6**	(0.09)	9.0	(0.90)
United Kingdom (Northern Ireland)	**477**	(5.7)	498	(4.8)	513	(5.1)	**551**	(4.7)	**27.4**	(2.45)	**1.5**	(0.13)	6.3	(1.06)
United Kingdom (Wales)	**471**	(4.4)	491	(5.3)	505	(5.2)	**554**	(5.7)	**33.3**	(2.14)	**1.5**	(0.11)	10.0	(1.21)

Note: Values that are statistically significant are indicated in bold (see Annex A3). See Table 3.6 for national data.
1. Results based on students' self-reports.
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[Part 1/2]

Table S3d Index of general interest in science and performance on the science scale, by quarters of the index[1]

Tableau S3d Indice d'intérêt général pour les sciences et scores sur l'échelle de culture scientifique, par quartile de l'indice

	Index of general interest in science															
	All students		Males		Females		Gender difference (M - F)		Bottom quarter		Second quarter		Third quarter		Top quarter	
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
Adjudicated																
Belgium (Flemish Community)	-0.10	(0.03)	-0.15	(0.04)	-0.05	(0.03)	**-0.09**	(0.04)	-1.50	(0.04)	-0.24	(0.00)	0.29	(0.00)	1.05	(0.01)
Italy (Provincia Autonoma of Bolzano)	0.06	(0.02)	0.03	(0.04)	0.10	(0.03)	-0.07	(0.05)	-1.07	(0.05)	-0.08	(0.01)	0.36	(0.01)	1.04	(0.02)
Italy (Provincia Campania)	0.31	(0.02)	0.34	(0.04)	0.29	(0.04)	0.04	(0.05)	-0.57	(0.03)	0.07	(0.01)	0.51	(0.01)	1.25	(0.03)
Italy (Provincia Basilicata)	0.24	(0.03)	0.24	(0.04)	0.25	(0.04)	-0.02	(0.05)	-0.70	(0.04)	0.05	(0.01)	0.45	(0.01)	1.17	(0.03)
Italy (Provincia Emilia Romagna)	0.07	(0.03)	0.10	(0.04)	0.04	(0.04)	0.06	(0.05)	-0.95	(0.04)	-0.09	(0.01)	0.31	(0.01)	1.03	(0.02)
Italy (Provincia Friuli Venezia Giulia)	0.03	(0.04)	0.01	(0.05)	0.06	(0.05)	-0.05	(0.07)	-1.03	(0.06)	-0.10	(0.01)	0.30	(0.01)	0.98	(0.02)
Italy (Provincia Sicilia)	0.33	(0.04)	0.34	(0.06)	0.33	(0.03)	0.01	(0.06)	-0.59	(0.05)	0.09	(0.01)	0.52	(0.01)	1.30	(0.05)
Italy (Provincia Liguria)	0.10	(0.04)	0.05	(0.06)	0.14	(0.04)	-0.09	(0.05)	-1.00	(0.06)	-0.05	(0.01)	0.36	(0.01)	1.08	(0.03)
Italy (Provincia Lombardia)	0.00	(0.03)	-0.04	(0.05)	0.05	(0.03)	-0.09	(0.05)	-1.07	(0.05)	-0.14	(0.01)	0.27	(0.01)	0.95	(0.02)
Italy (Provincia Piemonte)	0.11	(0.03)	0.07	(0.04)	0.15	(0.04)	-0.08	(0.05)	-0.87	(0.03)	-0.05	(0.01)	0.36	(0.01)	1.02	(0.03)
Italy (Provincia Trento)	0.11	(0.02)	0.15	(0.03)	0.06	(0.03)	**0.09**	(0.04)	-0.93	(0.04)	-0.08	(0.01)	0.33	(0.01)	1.10	(0.03)
Italy (Provincia Sardegna)	0.11	(0.04)	0.09	(0.06)	0.12	(0.04)	-0.02	(0.07)	-0.99	(0.05)	-0.09	(0.01)	0.35	(0.01)	1.16	(0.04)
Italy (Provincia Puglia)	0.23	(0.03)	0.23	(0.04)	0.22	(0.03)	0.01	(0.05)	-0.71	(0.03)	0.01	(0.01)	0.45	(0.01)	1.17	(0.03)
Italy (Provincia Veneto)	0.11	(0.03)	0.11	(0.03)	0.11	(0.04)	0.00	(0.05)	-0.89	(0.03)	-0.06	(0.01)	0.37	(0.01)	1.04	(0.03)
Spain (Andalusia)	-0.17	(0.03)	-0.15	(0.04)	-0.19	(0.04)	0.04	(0.05)	-1.30	(0.04)	-0.31	(0.01)	0.11	(0.01)	0.81	(0.03)
Spain (Basque Country)	-0.12	(0.03)	-0.13	(0.04)	-0.12	(0.03)	-0.02	(0.04)	-1.51	(0.04)	-0.29	(0.00)	0.25	(0.01)	1.06	(0.02)
Spain (Cantabria)	-0.22	(0.03)	-0.29	(0.04)	-0.14	(0.04)	**-0.14**	(0.04)	-1.49	(0.05)	-0.35	(0.01)	0.12	(0.01)	0.86	(0.03)
Spain (Galicia)	-0.17	(0.03)	-0.19	(0.05)	-0.15	(0.04)	-0.05	(0.06)	-1.47	(0.04)	-0.32	(0.01)	0.14	(0.01)	0.96	(0.03)
Spain (La Rioja)	-0.18	(0.03)	-0.22	(0.04)	-0.13	(0.04)	-0.10	(0.06)	-1.43	(0.05)	-0.31	(0.01)	0.14	(0.01)	0.90	(0.02)
Spain (Castile and Leon)	-0.10	(0.03)	-0.15	(0.03)	-0.05	(0.04)	**-0.10**	(0.05)	-1.21	(0.05)	-0.25	(0.01)	0.18	(0.01)	0.87	(0.03)
Spain (Navarre)	-0.30	(0.03)	-0.31	(0.03)	-0.29	(0.04)	-0.02	(0.05)	-1.74	(0.04)	-0.43	(0.01)	0.11	(0.01)	0.87	(0.02)
Spain (Aragon)	-0.35	(0.04)	-0.40	(0.05)	-0.30	(0.04)	-0.10	(0.06)	-1.67	(0.05)	-0.45	(0.01)	-0.03	(0.01)	0.73	(0.02)
Spain (Catalonia)	-0.14	(0.04)	-0.18	(0.05)	-0.11	(0.04)	-0.07	(0.06)	-1.29	(0.05)	-0.31	(0.01)	0.10	(0.01)	0.94	(0.03)
Spain (Asturias)	-0.24	(0.04)	-0.30	(0.05)	-0.17	(0.05)	**-0.13**	(0.06)	-1.58	(0.05)	-0.34	(0.01)	0.10	(0.01)	0.87	(0.03)
United Kingdom (Scotland)	-0.29	(0.02)	-0.22	(0.04)	-0.36	(0.03)	**0.14**	(0.05)	-1.66	(0.03)	-0.43	(0.01)	0.07	(0.01)	0.86	(0.02)
Non-adjudicated																
Belgium (French Community)	0.19	(0.03)	0.19	(0.05)	0.20	(0.03)	0.00	(0.05)	-1.03	(0.03)	-0.01	(0.01)	0.52	(0.01)	1.30	(0.02)
Belgium (German-Speaking Community)	-0.12	(0.03)	-0.15	(0.05)	-0.09	(0.04)	-0.06	(0.07)	-1.55	(0.06)	-0.25	(0.01)	0.25	(0.01)	1.08	(0.03)
Finland (Finnish Speaking)	-0.25	(0.02)	-0.25	(0.03)	-0.25	(0.02)	0.00	(0.03)	-1.46	(0.02)	-0.45	(0.00)	0.05	(0.00)	0.86	(0.02)
Finland (Swedish Speaking)	-0.18	(0.09)	-0.12	(0.13)	-0.25	(0.08)	0.12	(0.11)	-1.34	(0.11)	-0.36	(0.01)	0.09	(0.02)	0.89	(0.07)
United Kingdom (England)	0.01	(0.02)	0.08	(0.02)	-0.06	(0.02)	**0.14**	(0.03)	-1.14	(0.03)	-0.16	(0.00)	0.31	(0.00)	1.03	(0.01)
United Kingdom (Northern Ireland)	-0.08	(0.02)	-0.05	(0.04)	-0.11	(0.04)	0.06	(0.06)	-1.45	(0.04)	-0.20	(0.01)	0.29	(0.01)	1.05	(0.02)
United Kingdom (Wales)	0.11	(0.02)	0.19	(0.02)	0.03	(0.03)	**0.16**	(0.03)	-1.02	(0.03)	-0.05	(0.01)	0.43	(0.01)	1.09	(0.02)

Note: Values that are statistically significant are indicated in bold (see Annex A3). See Table 3.8 for national data.
1. Results based on students' self-reports.
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[Part 2/2]

Table S3d Index of general interest in science and performance on the science scale, by quarters of the index[1]

Tableau S3d Indice d'intérêt général pour les sciences et scores sur l'échelle de culture scientifique, par quartile de l'indice

	Performance on the science scale, by quarters of this index								Change in the science score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the science performance distribution		Explained variance in student performance (r-squared x 100)	
	Bottom quarter		Second quarter		Third quarter		Top quarter							
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E	Effect	S.E.	Ratio	S.E.	%	S.E.
Adjudicated														
Belgium (Flemish Community)	**477**	(6.3)	519	(3.1)	549	(3.0)	**573**	(3.7)	**35.9**	(2.43)	**2.4**	(0.16)	17.0	(2.10)
Italy (Provincia Autonoma of Bolzano)	**493**	(4.6)	528	(4.3)	538	(4.2)	**548**	(4.3)	**26.0**	(2.82)	**1.8**	(0.19)	7.2	(1.61)
Italy (Provincia Campania)	**418**	(6.1)	435	(7.6)	449	(9.0)	**468**	(6.7)	**22.3**	(3.32)	**1.7**	(0.17)	4.5	(1.32)
Italy (Provincia Basilicata)	**417**	(7.1)	446	(6.9)	459	(6.8)	**482**	(7.6)	**29.3**	(3.96)	**1.8**	(0.22)	7.6	(1.89)
Italy (Provincia Emilia Romagna)	**479**	(5.3)	502	(4.9)	520	(5.4)	**539**	(6.3)	**28.6**	(3.44)	**1.7**	(0.17)	6.6	(1.43)
Italy (Provincia Friuli Venezia Giulia)	**500**	(5.2)	525	(5.3)	549	(4.8)	**564**	(6.7)	**31.0**	(3.72)	**2.1**	(0.23)	10.1	(2.30)
Italy (Provincia Sicilia)	**405**	(11.3)	420	(11.6)	446	(8.5)	**463**	(8.2)	**26.6**	(5.04)	**1.7**	(0.34)	4.7	(2.04)
Italy (Provincia Liguria)	**444**	(8.0)	485	(8.2)	503	(7.6)	**520**	(8.7)	**32.2**	(3.14)	**2.1**	(0.21)	9.2	(1.81)
Italy (Provincia Lombardia)	**464**	(8.6)	497	(6.4)	511	(8.0)	**526**	(10.1)	**29.8**	(3.94)	**1.9**	(0.24)	7.2	(1.65)
Italy (Provincia Piemonte)	**478**	(5.1)	496	(7.2)	522	(5.9)	**539**	(7.3)	**30.0**	(3.20)	**1.8**	(0.22)	7.2	(1.44)
Italy (Provincia Trento)	**481**	(4.7)	505	(4.5)	544	(5.4)	**556**	(5.4)	**34.2**	(2.96)	**2.1**	(0.18)	10.4	(1.76)
Italy (Provincia Sardegna)	**412**	(8.3)	439	(6.7)	464	(8.3)	**484**	(9.5)	**28.8**	(3.61)	**2.1**	(0.25)	8.6	(1.90)
Italy (Provincia Puglia)	**419**	(4.8)	442	(5.1)	457	(5.6)	**475**	(7.4)	**22.5**	(3.28)	**1.6**	(0.17)	4.8	(1.30)
Italy (Provincia Veneto)	**482**	(5.8)	518	(7.9)	537	(6.8)	**560**	(6.9)	**34.7**	(3.12)	**2.1**	(0.23)	10.0	(1.70)
Spain (Andalusia)	**435**	(7.5)	469	(6.0)	486	(5.0)	**507**	(5.8)	**31.5**	(3.40)	**2.0**	(0.27)	10.3	(1.80)
Spain (Basque Country)	**459**	(4.2)	486	(4.6)	507	(4.5)	**527**	(4.0)	**24.2**	(1.54)	**2.0**	(0.15)	9.6	(1.16)
Spain (Cantabria)	**475**	(5.9)	492	(6.0)	526	(4.2)	**549**	(4.9)	**29.8**	(2.18)	**2.0**	(0.19)	12.1	(1.47)
Spain (Galicia)	**471**	(5.1)	493	(5.4)	518	(4.7)	**536**	(4.8)	**24.7**	(2.06)	**1.8**	(0.19)	8.4	(1.42)
Spain (La Rioja)	**489**	(5.3)	510	(5.0)	524	(5.2)	**558**	(5.5)	**25.2**	(3.25)	**1.9**	(0.30)	8.0	(1.98)
Spain (Castile and Leon)	**490**	(5.6)	503	(5.5)	533	(5.5)	**554**	(4.9)	**27.0**	(2.53)	**1.7**	(0.20)	9.1	(1.54)
Spain (Navarre)	**477**	(4.8)	502	(5.1)	523	(5.9)	**545**	(5.3)	**23.3**	(2.05)	**1.8**	(0.18)	8.0	(1.29)
Spain (Aragon)	**478**	(6.3)	505	(5.1)	527	(5.4)	**545**	(5.1)	**27.2**	(1.93)	**1.8**	(0.19)	9.6	(1.34)
Spain (Catalonia)	**468**	(6.5)	480	(7.1)	496	(6.7)	**524**	(7.4)	**22.2**	(2.95)	**1.5**	(0.19)	5.4	(1.44)
Spain (Asturias)	**481**	(5.8)	501	(6.0)	520	(6.5)	**535**	(5.6)	**19.5**	(2.08)	**1.8**	(0.23)	6.0	(1.29)
United Kingdom (Scotland)	**468**	(4.6)	497	(5.0)	530	(5.1)	**566**	(5.6)	**36.3**	(2.02)	**2.0**	(0.15)	13.8	(1.39)
Non-adjudicated														
Belgium (French Community)	**443**	(5.9)	489	(4.8)	502	(5.4)	**514**	(6.7)	**27.1**	(2.50)	**2.0**	(0.18)	6.8	(1.09)
Belgium (German-Speaking Community)	**475**	(5.7)	509	(5.9)	524	(6.1)	**558**	(7.3)	**29.1**	(3.40)	**1.9**	(0.24)	10.6	(2.37)
Finland (Finnish Speaking)	**526**	(3.3)	557	(3.0)	575	(2.5)	**603**	(3.6)	**31.9**	(1.78)	**2.1**	(0.12)	12.5	(1.24)
Finland (Swedish Speaking)	**496**	(14.0)	514	(9.9)	546	(13.8)	**567**	(15.7)	**25.1**	(9.58)	2.1	(0.74)	7.6	(5.15)
United Kingdom (England)	**480**	(4.2)	510	(3.6)	536	(3.6)	**541**	(4.3)	**26.8**	(1.79)	**1.7**	(0.12)	5.6	(0.74)
United Kingdom (Northern Ireland)	**464**	(5.4)	501	(4.8)	534	(5.6)	**538**	(5.0)	**30.2**	(1.94)	**1.8**	(0.13)	8.4	(1.03)
United Kingdom (Wales)	**463**	(4.4)	499	(6.2)	518	(5.8)	**541**	(5.6)	**33.0**	(2.14)	**1.8**	(0.13)	8.6	(1.02)

Note: Values that are statistically significant are indicated in bold (see Annex A3). See Table 3.8 for national data.
1. Results based on students' self-reports.
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[Part 1/2]

Table S3e Index of enjoyment of science and performance on the science scale, by quarters of the index[1]

Tableau S3e Indice du plaisir apporté par les sciences et scores sur l'échelle de culture scientifique, par quartile de l'indice

	Index of enjoyment of science															
	All students		Males		Females		Gender difference (M - F)		Bottom quarter		Second quarter		Third quarter		Top quarter	
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
Adjudicated																
Belgium (Flemish Community)	-0.13	(0.03)	-0.09	(0.04)	-0.17	(0.03)	0.08	(0.04)	-1.33	(0.03)	-0.42	(0.01)	0.20	(0.01)	1.05	(0.01)
Italy (Provincia Autonoma of Bolzano)	-0.01	(0.03)	0.00	(0.04)	-0.03	(0.03)	0.03	(0.05)	-1.31	(0.03)	-0.39	(0.01)	0.33	(0.01)	1.32	(0.02)
Italy (Provincia Campania)	0.13	(0.03)	0.19	(0.03)	0.07	(0.03)	**0.13**	(0.05)	-0.88	(0.02)	-0.10	(0.01)	0.39	(0.01)	1.11	(0.03)
Italy (Provincia Basilicata)	0.09	(0.03)	0.12	(0.04)	0.06	(0.03)	0.06	(0.05)	-0.97	(0.02)	-0.15	(0.01)	0.38	(0.01)	1.11	(0.02)
Italy (Provincia Emilia Romagna)	0.01	(0.03)	0.05	(0.04)	-0.03	(0.04)	0.08	(0.05)	-1.10	(0.03)	-0.25	(0.01)	0.31	(0.01)	1.10	(0.03)
Italy (Provincia Friuli Venezia Giulia)	0.05	(0.03)	0.08	(0.04)	0.01	(0.04)	0.07	(0.06)	-1.06	(0.03)	-0.23	(0.01)	0.35	(0.01)	1.12	(0.03)
Italy (Provincia Sicilia)	0.30	(0.03)	0.33	(0.06)	0.27	(0.04)	0.07	(0.08)	-0.72	(0.03)	0.06	(0.01)	0.59	(0.01)	1.27	(0.02)
Italy (Provincia Liguria)	0.00	(0.04)	0.00	(0.06)	0.01	(0.04)	-0.01	(0.05)	-1.16	(0.03)	-0.27	(0.01)	0.33	(0.01)	1.11	(0.02)
Italy (Provincia Lombardia)	-0.06	(0.04)	-0.03	(0.04)	-0.08	(0.04)	0.05	(0.04)	-1.16	(0.03)	-0.29	(0.01)	0.24	(0.01)	0.99	(0.03)
Italy (Provincia Piemonte)	0.08	(0.04)	0.09	(0.05)	0.08	(0.05)	0.01	(0.06)	-0.99	(0.03)	-0.18	(0.01)	0.36	(0.01)	1.14	(0.03)
Italy (Provincia Trento)	0.04	(0.02)	0.15	(0.03)	-0.07	(0.03)	**0.22**	(0.04)	-1.05	(0.02)	-0.22	(0.01)	0.34	(0.01)	1.10	(0.03)
Italy (Provincia Sardegna)	0.03	(0.03)	0.07	(0.05)	-0.01	(0.04)	0.09	(0.06)	-1.14	(0.05)	-0.26	(0.01)	0.37	(0.01)	1.15	(0.03)
Italy (Provincia Puglia)	0.16	(0.03)	0.18	(0.04)	0.14	(0.05)	0.04	(0.06)	-0.99	(0.03)	-0.09	(0.01)	0.45	(0.01)	1.25	(0.02)
Italy (Provincia Veneto)	0.09	(0.04)	0.12	(0.04)	0.07	(0.05)	0.05	(0.06)	-1.01	(0.02)	-0.19	(0.01)	0.37	(0.01)	1.20	(0.03)
Spain (Andalusia)	-0.13	(0.04)	-0.09	(0.04)	-0.18	(0.05)	**0.09**	(0.04)	-1.34	(0.02)	-0.41	(0.01)	0.15	(0.01)	1.07	(0.02)
Spain (Basque Country)	-0.31	(0.03)	-0.33	(0.03)	-0.30	(0.03)	-0.03	(0.03)	-1.62	(0.02)	-0.64	(0.01)	0.00	(0.01)	1.02	(0.02)
Spain (Cantabria)	-0.14	(0.03)	-0.22	(0.04)	-0.05	(0.03)	**-0.17**	(0.04)	-1.33	(0.02)	-0.40	(0.01)	0.14	(0.01)	1.05	(0.03)
Spain (Galicia)	-0.11	(0.03)	-0.13	(0.04)	-0.09	(0.04)	-0.04	(0.04)	-1.38	(0.02)	-0.40	(0.01)	0.18	(0.01)	1.15	(0.02)
Spain (La Rioja)	-0.05	(0.03)	-0.09	(0.05)	0.00	(0.03)	-0.08	(0.05)	-1.30	(0.03)	-0.31	(0.01)	0.26	(0.01)	1.17	(0.03)
Spain (Castile and Leon)	-0.06	(0.03)	-0.09	(0.04)	-0.02	(0.04)	-0.08	(0.05)	-1.28	(0.03)	-0.33	(0.01)	0.23	(0.01)	1.14	(0.02)
Spain (Navarre)	-0.24	(0.04)	-0.29	(0.05)	-0.20	(0.05)	**-0.10**	(0.05)	-1.56	(0.03)	-0.55	(0.01)	0.09	(0.01)	1.05	(0.03)
Spain (Aragon)	-0.24	(0.03)	-0.26	(0.05)	-0.22	(0.04)	-0.04	(0.06)	-1.51	(0.03)	-0.56	(0.01)	0.07	(0.01)	1.05	(0.02)
Spain (Catalonia)	-0.15	(0.04)	-0.19	(0.05)	-0.11	(0.06)	-0.08	(0.06)	-1.30	(0.03)	-0.47	(0.01)	0.08	(0.01)	1.09	(0.03)
Spain (Asturias)	-0.23	(0.04)	-0.24	(0.05)	-0.22	(0.05)	-0.02	(0.06)	-1.50	(0.03)	-0.54	(0.01)	0.09	(0.01)	1.03	(0.03)
United Kingdom (Scotland)	-0.13	(0.02)	-0.03	(0.04)	-0.24	(0.03)	**0.21**	(0.05)	-1.35	(0.02)	-0.43	(0.01)	0.21	(0.01)	1.03	(0.02)
Non-adjudicated																
Belgium (French Community)	0.14	(0.03)	0.19	(0.05)	0.09	(0.03)	**0.10**	(0.05)	-1.10	(0.03)	-0.14	(0.01)	0.41	(0.01)	1.41	(0.02)
Belgium (German-Speaking Community)	-0.30	(0.03)	-0.27	(0.06)	-0.32	(0.04)	0.05	(0.08)	-1.69	(0.02)	-0.74	(0.01)	-0.01	(0.02)	1.25	(0.03)
Finland (Finnish Speaking)	0.12	(0.02)	0.02	(0.02)	0.21	(0.02)	**-0.20**	(0.03)	-1.03	(0.01)	-0.12	(0.01)	0.46	(0.00)	1.16	(0.02)
Finland (Swedish Speaking)	0.01	(0.08)	0.06	(0.11)	-0.04	(0.10)	0.10	(0.12)	-1.06	(0.06)	-0.29	(0.02)	0.24	(0.02)	1.18	(0.07)
United Kingdom (England)	-0.08	(0.02)	0.04	(0.02)	-0.19	(0.03)	**0.23**	(0.03)	-1.22	(0.02)	-0.33	(0.01)	0.22	(0.01)	1.02	(0.02)
United Kingdom (Northern Ireland)	-0.17	(0.02)	-0.11	(0.03)	-0.24	(0.03)	**0.13**	(0.04)	-1.42	(0.02)	-0.46	(0.01)	0.17	(0.01)	1.03	(0.02)
United Kingdom (Wales)	-0.02	(0.02)	0.07	(0.03)	-0.11	(0.03)	**0.18**	(0.04)	-1.15	(0.02)	-0.31	(0.01)	0.28	(0.01)	1.09	(0.02)

Note: Values that are statistically significant are indicated in bold (see Annex A3). See Table 3.9 for national data.
1. Results based on students' self-reports.

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[Part 2/2]

Table S3e Index of enjoyment of science and performance on the science scale, by quarters of the index[1]

Tableau S3e Indice du plaisir apporté par les sciences et scores sur l'échelle de culture scientifique, par quartile de l'indice

	Performance on the science scale, by quarters of this index								Change in the science score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the science performance distribution		Explained variance in student performance (r-squared x 100)	
	Bottom quarter		Second quarter		Third quarter		Top quarter							
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E	Effect	S.E.	Ratio	S.E.	%	S.E.
Adjudicated														
Belgium (Flemish Community)	**483**	(6.2)	512	(3.7)	548	(3.7)	**574**	(3.8)	**38.4**	(3.14)	**2.1**	(0.15)	15.5	(2.12)
Italy (Provincia Autonoma of Bolzano)	**493**	(5.1)	521	(4.6)	534	(3.7)	**559**	(4.8)	**25.7**	(2.11)	**1.8**	(0.24)	9.1	(1.47)
Italy (Provincia Campania)	**421**	(7.8)	432	(7.0)	447	(8.0)	**470**	(6.9)	**26.0**	(3.07)	**1.6**	(0.16)	6.5	(1.41)
Italy (Provincia Basilicata)	**425**	(6.6)	444	(7.3)	465	(7.4)	**470**	(7.7)	**22.5**	(3.66)	**1.5**	(0.19)	4.8	(1.50)
Italy (Provincia Emilia Romagna)	**477**	(6.1)	504	(5.4)	521	(6.4)	**538**	(6.8)	**27.2**	(3.37)	**1.7**	(0.16)	6.6	(1.53)
Italy (Provincia Friuli Venezia Giulia)	**500**	(5.5)	522	(4.2)	550	(5.9)	**565**	(5.8)	**31.0**	(2.92)	**1.8**	(0.24)	10.5	(1.80)
Italy (Provincia Sicilia)	**410**	(9.7)	421	(9.6)	451	(7.7)	**454**	(12.4)	**28.4**	(7.10)	1.5	(0.29)	5.4	(2.92)
Italy (Provincia Liguria)	**448**	(9.4)	482	(6.4)	504	(6.3)	**518**	(10.9)	**29.7**	(3.87)	**1.9**	(0.17)	8.0	(1.99)
Italy (Provincia Lombardia)	**466**	(8.0)	485	(7.0)	514	(8.1)	**534**	(10.7)	**32.6**	(4.87)	**1.7**	(0.23)	8.8	(2.85)
Italy (Provincia Piemonte)	**480**	(5.0)	493	(7.2)	523	(5.3)	**540**	(7.5)	**28.0**	(3.11)	**1.8**	(0.19)	7.1	(1.57)
Italy (Provincia Trento)	**485**	(5.2)	507	(4.6)	532	(5.2)	**561**	(5.8)	**34.6**	(2.85)	**1.9**	(0.17)	10.7	(1.63)
Italy (Provincia Sardegna)	**417**	(6.1)	434	(7.4)	466	(8.4)	**481**	(9.8)	**28.6**	(3.44)	**1.7**	(0.18)	8.2	(1.90)
Italy (Provincia Puglia)	**417**	(5.0)	446	(6.5)	458	(5.0)	**472**	(6.8)	**22.9**	(2.78)	**1.8**	(0.22)	6.1	(1.36)
Italy (Provincia Veneto)	**484**	(7.2)	519	(6.4)	533	(6.0)	**561**	(7.5)	**35.4**	(3.07)	**2.0**	(0.26)	12.1	(2.11)
Spain (Andalusia)	**438**	(6.5)	460	(4.0)	483	(5.4)	**517**	(5.5)	**33.1**	(2.99)	**1.9**	(0.18)	12.8	(2.06)
Spain (Basque Country)	**451**	(3.5)	480	(4.3)	507	(4.5)	**543**	(4.0)	**34.2**	(1.67)	**2.3**	(0.18)	17.8	(1.47)
Spain (Cantabria)	**471**	(4.6)	491	(4.7)	522	(5.9)	**557**	(3.7)	**36.3**	(1.83)	**2.0**	(0.21)	16.3	(1.50)
Spain (Galicia)	**467**	(6.0)	490	(4.3)	519	(5.3)	**542**	(5.3)	**29.5**	(1.57)	**2.0**	(0.21)	11.2	(1.22)
Spain (La Rioja)	**483**	(4.5)	508	(5.1)	527	(5.6)	**562**	(6.7)	**33.0**	(2.62)	**2.0**	(0.20)	13.6	(2.00)
Spain (Castile and Leon)	**485**	(5.8)	504	(5.0)	531	(5.1)	**560**	(4.9)	**31.0**	(1.94)	**1.9**	(0.20)	14.0	(1.89)
Spain (Navarre)	**468**	(4.6)	493	(5.3)	530	(4.8)	**554**	(5.4)	**33.8**	(2.12)	**2.1**	(0.19)	15.4	(1.76)
Spain (Aragon)	**473**	(5.9)	495	(4.9)	525	(4.7)	**561**	(5.1)	**33.4**	(2.33)	**2.0**	(0.19)	14.8	(1.78)
Spain (Catalonia)	**459**	(6.9)	477	(5.8)	498	(5.9)	**534**	(7.7)	**32.3**	(3.29)	**1.7**	(0.21)	11.5	(2.33)
Spain (Asturias)	**475**	(5.7)	497	(6.3)	519	(5.0)	**545**	(6.1)	**26.9**	(2.28)	**1.8**	(0.19)	10.5	(1.78)
United Kingdom (Scotland)	**464**	(4.9)	496	(5.3)	527	(6.7)	**574**	(5.9)	**43.6**	(2.19)	**2.2**	(0.17)	17.6	(1.60)
Non-adjudicated														
Belgium (French Community)	**447**	(5.0)	477	(5.8)	495	(5.7)	**526**	(6.1)	**30.5**	(2.51)	**1.8**	(0.19)	8.5	(1.48)
Belgium (German-Speaking Community)	**475**	(5.4)	493	(6.7)	533	(6.1)	**564**	(6.7)	**32.8**	(2.57)	**1.9**	(0.24)	14.6	(2.22)
Finland (Finnish Speaking)	**527**	(3.1)	560	(3.5)	575	(3.2)	**598**	(3.4)	**32.1**	(1.62)	**2.0**	(0.13)	11.3	(1.08)
Finland (Swedish Speaking)	**493**	(12.1)	527	(10.4)	541	(13.5)	**562**	(12.7)	**29.6**	(7.01)	1.9	(0.58)	9.8	(5.03)
United Kingdom (England)	**472**	(4.4)	499	(3.6)	527	(3.6)	**568**	(4.5)	**42.9**	(2.10)	**1.8**	(0.13)	13.1	(1.20)
United Kingdom (Northern Ireland)	**462**	(5.4)	489	(5.9)	529	(5.9)	**557**	(4.9)	**40.0**	(2.44)	**1.8**	(0.16)	12.3	(1.35)
United Kingdom (Wales)	**456**	(4.6)	486	(5.7)	518	(4.6)	**559**	(5.0)	**44.2**	(2.14)	**2.0**	(0.13)	15.3	(1.32)

Note: Values that are statistically significant are indicated in bold (see Annex A3). See Table 3.9 for national data.
1. Results based on students' self-reports.
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[Part 1/2]

Table S3f Index of future-oriented motivation to learn science and performance on the science scale, by quarters of the index[1]

Tableau S3f Indice de motivation prospective pour l'apprentissage des sciences et scores sur l'échelle de culture scientifique, par quartile de l'indice

	Index of future-oriented motivation to learn science															
	All students		Males		Females		Gender difference (M - F)		Bottom quarter		Second quarter		Third quarter		Top quarter	
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
Adjudicated																
Belgium (Flemish Community)	-0.02	(0.02)	0.07	(0.03)	-0.11	(0.02)	**0.18**	(0.04)	-1.27	(0.01)	-0.23	(0.01)	0.22	(0.01)	1.21	(0.01)
Italy (Provincia Autonoma of Bolzano)	-0.16	(0.02)	-0.12	(0.04)	-0.20	(0.03)	0.08	(0.05)	-1.34	(0.01)	-0.55	(0.02)	0.12	(0.01)	1.13	(0.03)
Italy (Provincia Campania)	0.30	(0.04)	0.40	(0.04)	0.21	(0.06)	**0.19**	(0.06)	-0.80	(0.03)	0.02	(0.01)	0.57	(0.01)	1.43	(0.03)
Italy (Provincia Basilicata)	0.20	(0.04)	0.29	(0.04)	0.10	(0.05)	**0.18**	(0.05)	-0.95	(0.03)	-0.05	(0.00)	0.45	(0.01)	1.35	(0.03)
Italy (Provincia Emilia Romagna)	0.07	(0.03)	0.17	(0.04)	-0.04	(0.04)	**0.20**	(0.05)	-1.17	(0.02)	-0.14	(0.01)	0.30	(0.01)	1.29	(0.03)
Italy (Provincia Friuli Venezia Giulia)	0.03	(0.04)	0.11	(0.05)	-0.05	(0.04)	**0.16**	(0.06)	-1.17	(0.02)	-0.17	(0.01)	0.26	(0.01)	1.20	(0.03)
Italy (Provincia Sicilia)	0.42	(0.04)	0.49	(0.05)	0.35	(0.04)	**0.14**	(0.06)	-0.60	(0.03)	0.12	(0.01)	0.70	(0.01)	1.46	(0.03)
Italy (Provincia Liguria)	0.11	(0.04)	0.20	(0.06)	0.02	(0.04)	**0.18**	(0.06)	-1.11	(0.02)	-0.11	(0.01)	0.38	(0.01)	1.28	(0.03)
Italy (Provincia Lombardia)	0.01	(0.04)	0.09	(0.05)	-0.07	(0.05)	**0.16**	(0.05)	-1.20	(0.02)	-0.20	(0.01)	0.25	(0.01)	1.19	(0.04)
Italy (Provincia Piemonte)	0.10	(0.04)	0.16	(0.05)	0.05	(0.06)	0.11	(0.06)	-1.12	(0.02)	-0.12	(0.01)	0.36	(0.01)	1.29	(0.02)
Italy (Provincia Trento)	0.07	(0.02)	0.18	(0.04)	-0.05	(0.04)	**0.23**	(0.05)	-1.14	(0.02)	-0.14	(0.01)	0.33	(0.01)	1.23	(0.03)
Italy (Provincia Sardegna)	0.12	(0.05)	0.18	(0.06)	0.05	(0.05)	**0.13**	(0.06)	-1.10	(0.02)	-0.10	(0.01)	0.35	(0.01)	1.31	(0.03)
Italy (Provincia Puglia)	0.19	(0.04)	0.27	(0.05)	0.13	(0.05)	**0.14**	(0.05)	-0.98	(0.02)	-0.05	(0.00)	0.41	(0.01)	1.40	(0.02)
Italy (Provincia Veneto)	0.13	(0.05)	0.21	(0.04)	0.04	(0.07)	**0.17**	(0.06)	-1.05	(0.02)	-0.11	(0.01)	0.36	(0.01)	1.30	(0.02)
Spain (Andalusia)	0.05	(0.03)	0.15	(0.03)	-0.04	(0.05)	**0.19**	(0.05)	-1.27	(0.01)	-0.24	(0.02)	0.33	(0.01)	1.40	(0.02)
Spain (Basque Country)	0.10	(0.02)	0.17	(0.03)	0.03	(0.03)	**0.14**	(0.04)	-1.34	(0.01)	-0.23	(0.01)	0.52	(0.01)	1.45	(0.01)
Spain (Cantabria)	0.10	(0.04)	0.08	(0.04)	0.11	(0.04)	-0.03	(0.05)	-1.29	(0.01)	-0.21	(0.01)	0.41	(0.02)	1.48	(0.03)
Spain (Galicia)	0.11	(0.03)	0.17	(0.03)	0.04	(0.04)	**0.13**	(0.05)	-1.26	(0.01)	-0.19	(0.01)	0.42	(0.01)	1.48	(0.02)
Spain (La Rioja)	0.10	(0.03)	0.13	(0.05)	0.07	(0.04)	0.06	(0.06)	-1.28	(0.01)	-0.21	(0.01)	0.41	(0.02)	1.47	(0.03)
Spain (Castile and Leon)	0.16	(0.03)	0.15	(0.04)	0.17	(0.04)	-0.02	(0.05)	-1.21	(0.02)	-0.18	(0.01)	0.53	(0.01)	1.51	(0.02)
Spain (Navarre)	0.08	(0.03)	0.10	(0.04)	0.06	(0.05)	0.04	(0.05)	-1.37	(0.01)	-0.30	(0.02)	0.46	(0.02)	1.54	(0.02)
Spain (Aragon)	0.09	(0.03)	0.14	(0.03)	0.04	(0.04)	0.10	(0.05)	-1.31	(0.01)	-0.24	(0.01)	0.44	(0.02)	1.47	(0.02)
Spain (Catalonia)	-0.03	(0.05)	0.02	(0.05)	-0.08	(0.06)	0.10	(0.06)	-1.42	(0.00)	-0.47	(0.02)	0.26	(0.02)	1.51	(0.02)
Spain (Asturias)	0.14	(0.04)	0.20	(0.04)	0.08	(0.06)	0.11	(0.07)	-1.30	(0.01)	-0.21	(0.01)	0.53	(0.02)	1.55	(0.02)
United Kingdom (Scotland)	-0.09	(0.02)	0.01	(0.04)	-0.19	(0.03)	**0.20**	(0.05)	-1.38	(0.01)	-0.38	(0.01)	0.19	(0.01)	1.22	(0.02)
Non-adjudicated																
Belgium (French Community)	-0.05	(0.03)	0.04	(0.05)	-0.13	(0.03)	**0.17**	(0.05)	-1.37	(0.01)	-0.38	(0.02)	0.22	(0.01)	1.34	(0.02)
Belgium (German-Speaking Community)	-0.32	(0.03)	-0.17	(0.05)	-0.47	(0.05)	**0.30**	(0.07)	-1.42	(0.00)	-1.02	(0.02)	-0.02	(0.02)	1.19	(0.03)
Finland (Finnish Speaking)	-0.18	(0.02)	-0.23	(0.02)	-0.12	(0.02)	**-0.12**	(0.03)	-1.33	(0.00)	-0.33	(0.01)	0.04	(0.00)	0.92	(0.01)
Finland (Swedish Speaking)	-0.07	(0.08)	0.00	(0.09)	-0.13	(0.08)	**0.13**	(0.05)	-1.26	(0.03)	-0.24	(0.03)	0.14	(0.02)	1.10	(0.06)
United Kingdom (England)	-0.13	(0.02)	-0.04	(0.02)	-0.21	(0.03)	**0.18**	(0.03)	-1.37	(0.00)	-0.43	(0.01)	0.14	(0.01)	1.16	(0.02)
United Kingdom (Northern Ireland)	-0.09	(0.02)	-0.04	(0.03)	-0.13	(0.04)	**0.09**	(0.04)	-1.38	(0.01)	-0.39	(0.01)	0.22	(0.01)	1.20	(0.02)
United Kingdom (Wales)	0.01	(0.02)	0.08	(0.03)	-0.06	(0.03)	**0.14**	(0.04)	-1.25	(0.01)	-0.21	(0.01)	0.26	(0.01)	1.24	(0.02)

Note: Values that are statistically significant are indicated in bold (see Annex A3). See Table 3.11 for national data.
1. Results based on students' self-reports.
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[Part 2/2]

Table S3f Index of future-oriented motivation to learn science and performance on the science scale, by quarters of the index[1]

Tableau S3f Indice de motivation prospective pour l'apprentissage des sciences et scores sur l'échelle de culture scientifique, par quartile de l'indice

	Performance on the science scale, by quarters of this index								Change in the science score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the science performance distribution		Explained variance in student performance (r-squared x 100)	
	Bottom quarter		Second quarter		Third quarter		Top quarter							
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E	Effect	S.E.	Ratio	S.E.	%	S.E.
Adjudicated														
Belgium (Flemish Community)	**506**	(5.0)	518	(3.2)	530	(4.1)	**582**	(3.8)	**29.9**	(1.91)	**1.6**	(0.09)	10.1	(1.03)
Italy (Provincia Autonoma of Bolzano)	**505**	(4.4)	527	(4.9)	526	(5.4)	**549**	(4.2)	**17.3**	(2.43)	**1.5**	(0.14)	3.6	(1.01)
Italy (Provincia Campania)	**432**	(6.5)	436	(6.4)	440	(8.1)	**460**	(8.3)	**11.7**	(3.57)	1.2	(0.17)	1.6	(0.95)
Italy (Provincia Basilicata)	**440**	(4.7)	446	(6.6)	451	(7.2)	**468**	(8.3)	**12.5**	(3.94)	1.1	(0.14)	1.7	(1.15)
Italy (Provincia Emilia Romagna)	**488**	(5.0)	499	(5.8)	510	(7.2)	**545**	(6.5)	**21.6**	(2.99)	**1.4**	(0.15)	4.8	(1.30)
Italy (Provincia Friuli Venezia Giulia)	**511**	(5.7)	524	(5.3)	532	(5.3)	**570**	(6.1)	**25.3**	(3.63)	**1.5**	(0.18)	7.5	(1.99)
Italy (Provincia Sicilia)	**420**	(9.6)	433	(8.6)	432	(14.1)	**452**	(9.7)	**14.9**	(6.09)	1.2	(0.21)	1.6	(1.38)
Italy (Provincia Liguria)	**469**	(9.3)	483	(7.0)	486	(7.4)	**516**	(9.8)	**19.4**	(4.00)	1.3	(0.15)	3.4	(1.38)
Italy (Provincia Lombardia)	**485**	(6.8)	492	(7.0)	503	(7.6)	**521**	(14.3)	**15.5**	(5.70)	1.2	(0.20)	2.3	(1.75)
Italy (Provincia Piemonte)	**492**	(8.1)	495	(6.2)	511	(6.4)	**538**	(6.7)	**21.8**	(3.74)	1.3	(0.20)	5.1	(1.63)
Italy (Provincia Trento)	**501**	(4.4)	507	(4.4)	530	(5.3)	**551**	(5.7)	**23.7**	(2.96)	**1.5**	(0.16)	5.6	(1.37)
Italy (Provincia Sardegna)	**436**	(7.1)	437	(8.5)	452	(8.7)	**475**	(9.8)	**17.0**	(4.61)	1.2	(0.18)	3.0	(1.50)
Italy (Provincia Puglia)	**445**	(5.5)	433	(5.5)	453	(4.7)	**465**	(8.9)	**11.3**	(3.39)	0.9	(0.12)	1.6	(0.92)
Italy (Provincia Veneto)	**499**	(6.5)	502	(5.8)	532	(6.9)	**565**	(6.9)	**29.3**	(3.60)	**1.5**	(0.19)	9.0	(2.10)
Spain (Andalusia)	**456**	(5.1)	460	(4.9)	473	(5.9)	**510**	(5.7)	**22.0**	(2.47)	**1.3**	(0.15)	6.6	(1.42)
Spain (Basque Country)	**467**	(3.7)	475	(3.5)	504	(4.6)	**535**	(4.6)	**25.0**	(1.50)	**1.7**	(0.12)	10.1	(1.14)
Spain (Cantabria)	**482**	(5.8)	491	(4.8)	515	(6.1)	**554**	(4.2)	**27.3**	(1.86)	**1.6**	(0.16)	11.5	(1.39)
Spain (Galicia)	**488**	(5.4)	488	(4.9)	504	(6.8)	**541**	(5.3)	**19.1**	(2.18)	1.2	(0.15)	5.3	(1.22)
Spain (La Rioja)	**493**	(4.7)	507	(5.6)	519	(5.8)	**564**	(6.2)	**26.9**	(2.57)	**1.6**	(0.20)	10.8	(1.94)
Spain (Castile and Leon)	**493**	(5.1)	502	(6.4)	526	(5.6)	**559**	(4.9)	**25.4**	(1.89)	**1.6**	(0.19)	11.1	(1.75)
Spain (Navarre)	**482**	(4.8)	490	(3.8)	515	(5.9)	**561**	(5.4)	**27.9**	(2.09)	**1.6**	(0.15)	12.3	(1.73)
Spain (Aragon)	**482**	(5.2)	495	(6.4)	520	(5.5)	**559**	(5.4)	**28.8**	(2.22)	**1.6**	(0.14)	12.1	(1.60)
Spain (Catalonia)	**477**	(6.6)	479	(5.3)	489	(7.5)	**525**	(8.1)	**17.8**	(2.84)	1.2	(0.17)	5.0	(1.65)
Spain (Asturias)	**483**	(4.3)	501	(6.1)	510	(6.0)	**543**	(7.6)	**20.2**	(2.33)	**1.6**	(0.19)	7.0	(1.70)
United Kingdom (Scotland)	**479**	(4.9)	501	(5.0)	515	(5.0)	**568**	(6.1)	**33.6**	(1.99)	**1.7**	(0.13)	11.4	(1.36)
Non-adjudicated														
Belgium (French Community)	**469**	(4.7)	484	(5.6)	490	(6.4)	**523**	(6.3)	**19.3**	(2.25)	**1.3**	(0.09)	3.9	(0.96)
Belgium (German-Speaking Community)	**500**	(6.1)	511	(5.9)	516	(7.1)	**551**	(6.8)	**19.8**	(3.18)	1.2	(0.19)	4.7	(1.52)
Finland (Finnish Speaking)	**532**	(2.9)	558	(3.6)	563	(3.0)	**608**	(3.0)	**32.7**	(1.47)	**1.8**	(0.13)	10.9	(0.97)
Finland (Swedish Speaking)	**501**	(10.9)	521	(12.0)	537	(11.1)	**568**	(17.5)	**30.4**	(6.49)	1.7	(0.45)	10.3	(4.19)
United Kingdom (England)	**487**	(3.8)	511	(4.2)	509	(3.7)	**564**	(4.9)	**28.5**	(1.93)	**1.4**	(0.10)	6.9	(0.98)
United Kingdom (Northern Ireland)	**472**	(5.4)	503	(5.0)	508	(4.4)	**560**	(5.6)	**32.4**	(2.53)	**1.6**	(0.13)	8.4	(1.30)
United Kingdom (Wales)	**474**	(4.8)	490	(4.5)	498	(5.1)	**559**	(5.7)	**33.9**	(2.31)	**1.5**	(0.12)	10.1	(1.25)

Note: Values that are statistically significant are indicated in bold (see Annex A3). See Table 3.11 for national data.
1. Results based on students' self-reports.
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[Part 1/2]

Table S4a Between-school and within-school variance in student performance on the science scale in PISA 2006

Tableau S4a Variance intra- et inter-établissements du score des élèves sur l'échelle de culture scientifique du cycle PISA 2006

	Total variance in SP[2]	Variance expressed as a percentage of the average variance in student performance (SP) across OECD countries[1]				
		Total variance in SP expressed as a percentage of the average variance in student performance across OECD countries[3]	Total variance in SP between schools[4]	Total variance in SP within schools	Variance explained by the PISA index of economic, social and cultural status of students	
					Between-school variance explained	Within-school variance explained
Adjudicated						
Belgium (Flemish Community)	8 528	94.7	51.5	46.2	10.9	1.9
Italy (Provincia Autonoma of Bolzano)	7 698	85.4	36.9	51.6	3.3	0.4
Italy (Provincia Campania)	6 842	75.9	29.9	49.0	2.9	0.2
Italy (Provincia Basilicata)	7 290	80.9	37.6	45.6	5.3	0.5
Italy (Provincia Emilia Romagna)	8 877	98.5	42.5	60.4	5.9	0.7
Italy (Provincia Friuli Venezia Giulia)	7 079	78.6	30.4	51.5	2.7	0.3
Italy (Provincia Sicilia)	9 675	107.4	54.8	54.5	7.8	1.6
Italy (Provincia Liguria)	9 255	102.7	55.7	56.4	9.6	1.4
Italy (Provincia Lombardia)	8 865	98.4	57.4	51.5	4.9	0.4
Italy (Provincia Piemonte)	8 136	90.3	39.0	53.5	5.7	0.6
Italy (Provincia Trento)	8 538	94.8	50.3	49.1	1.5	0.0
Italy (Provincia Sardegna)	8 434	93.6	42.4	50.4	4.0	0.1
Italy (Provincia Puglia)	6 708	74.5	27.8	49.5	3.4	0.3
Italy (Provincia Veneto)	7 937	88.1	44.8	48.0	3.8	0.3
Spain (Andalusia)	7 797	86.6	7.5	79.0	4.8	8.4
Spain (Basque Country)	6 968	77.3	17.7	60.3	5.4	2.5
Spain (Cantabria)	7 200	79.9	7.1	72.9	3.9	6.6
Spain (Galicia)	7 551	83.8	6.0	77.7	3.6	3.9
Spain (La Rioja)	7 582	84.2	9.0	77.4	1.4	6.5
Spain (Castile and Leon)	6 331	70.3	6.8	63.4	2.0	3.9
Spain (Navarre)	7 827	86.9	11.3	75.8	4.1	6.0
Spain (Aragon)	7 686	85.3	9.1	76.2	4.9	7.4
Spain (Catalonia)	8 048	89.3	16.1	72.2	7.2	3.5
Spain (Asturias)	6 895	76.5	11.9	64.7	5.5	6.2
United Kingdom (Scotland)	9 921	110.1	18.7	91.4	8.1	8.9
Non-adjudicated						
Belgium (French Community)	10 446	115.9	53.9	61.4	12.7	2.2
Belgium (German-Speaking Community)	9 453	104.9	52.5	66.9	6.2	1.1
Finland (Finnish Speaking)	7 258	80.6	4.4	76.3	1.3	5.5
Finland (Swedish Speaking)	7 157	79.4	0.2	79.0	-0.4	5.4
United Kingdom (England)	11 261	125.0	26.6	98.6	9.9	5.6
United Kingdom (Northern Ireland)	12 474	138.5	68.7	73.1	11.9	2.2
United Kingdom (Wales)	10 306	114.4	15.6	99.2	6.3	10.1

Note: See Table 4.1a for national data.
1. The variance components were estimated for all students in participating countries with data on socio-economic background and study programmes. Students in special education programmes were excluded from these analyses.
2. The total variance in student performance is obtained as the square of the standard deviation shown in Chapter 2. The statistical variance in student performance and not the standard deviation is used for this comparison to allow for the decomposition.
3. The sum of the between- and within-school variance components, as an estimate from a sample, does not necessarily add up to the total.
4. In some countries, sub-units within schools were sampled instead of schools and this may effect the estimation of the between-school variance components (see Annex A2).

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[Part 2/2]

Table S4a Between-school and within-school variance in student performance on the science scale in PISA 2006

Tableau S4a Variance intra- et inter-établissements du score des élèves sur l'échelle de culture scientifique du cycle PISA 2006

	Variance expressed as a percentage of the average variance in student performance (SP) across OECD countries[1]						
	Variance explained by the PISA index of economic, social and cultural status of students and schools		Variance explained by students' study programmes		Variance explained by students' study programmes and the PISA index of economic, social and cultural status of students and schools		Total variance between schools expressed as a percentage of the total variance within the country[5]
	Between-school variance explained	Within-school variance explained	Between-school variance explained	Within-school variance explained	Between-school variance explained	Within-school variance explained	
Adjudicated							
Belgium (Flemish Community)	38.6	1.9	44.2	12.7	46.0	13.2	54.4
Italy (Provincia Autonoma of Bolzano)	17.8	0.4	19.9	0.0	21.6	0.4	43.2
Italy (Provincia Campania)	18.9	0.2	16.8	0.1	21.4	0.3	39.3
Italy (Provincia Basilicata)	29.3	0.4	26.5	0.1	31.4	0.5	46.4
Italy (Provincia Emilia Romagna)	24.8	0.7	33.1	0.0	33.2	0.7	43.2
Italy (Provincia Friuli Venezia Giulia)	10.7	0.2	19.5	-0.1	19.7	0.2	38.7
Italy (Provincia Sicilia)	26.5	1.6	34.9	0.0	38.2	1.6	51.0
Italy (Provincia Liguria)	28.7	1.6	42.0	0.3	42.0	1.7	54.3
Italy (Provincia Lombardia)	28.3	0.3	42.6	-0.1	42.6	0.3	58.4
Italy (Provincia Piemonte)	24.2	0.6	31.1	0.0	32.0	0.6	43.2
Italy (Provincia Trento)	31.2	0.0	42.5	0.0	43.6	0.0	53.0
Italy (Provincia Sardegna)	25.4	0.2	29.8	0.1	30.7	0.2	45.3
Italy (Provincia Puglia)	19.3	0.4	22.3	0.1	23.9	0.4	37.4
Italy (Provincia Veneto)	23.0	0.3	30.6	0.0	32.0	0.3	50.9
Spain (Andalusia)	5.1	8.4	0.2	0.4	5.2	8.8	8.7
Spain (Basque Country)	9.0	2.5	0.0	0.1	9.0	2.6	22.9
Spain (Cantabria)	4.5	6.7	0.0	0.0	4.5	6.7	8.9
Spain (Galicia)	3.9	3.9	0.0	0.0	3.9	3.9	7.1
Spain (La Rioja)	1.3	6.5	0.0	0.0	1.3	6.5	10.7
Spain (Castile and Leon)	2.3	3.9	0.0	0.0	2.3	3.9	9.7
Spain (Navarre)	4.6	6.0	-0.1	0.1	4.5	6.1	13.0
Spain (Aragon)	5.7	7.4	-0.1	0.4	5.6	7.6	10.7
Spain (Catalonia)	10.8	3.6	0.2	0.3	10.9	4.0	18.0
Spain (Asturias)	6.4	6.2	0.1	0.9	6.6	7.0	15.6
United Kingdom (Scotland)	11.7	9.0	0.8	4.7	11.5	13.0	17.0
Non-adjudicated							
Belgium (French Community)	40.6	2.2	34.7	13.0	47.2	13.8	46.5
Belgium (German-Speaking Community)	30.4	1.1	41.8	15.3	42.0	15.6	50.0
Finland (Finnish Speaking)	1.4	5.5	0.0	0.0	1.4	5.5	5.4
Finland (Swedish Speaking)	-0.1	5.3	0.0	0.0	-0.1	5.3	0.2
United Kingdom (England)	17.5	5.6	0.2	0.6	17.5	6.1	21.3
United Kingdom (Northern Ireland)	47.2	2.3	4.2	3.0	46.4	5.1	49.6
United Kingdom (Wales)	8.6	10.2	-0.1	3.9	8.6	13.0	13.6

Note: See Table 4.1a for national data.
1. The variance components were estimated for all students in participating countries with data on socio-economic background and study programmes. Students in special education programmes were excluded from these analyses.
5. This index is often referred to as the intra-class correlation (rho).
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[Part 1/1]

Table S4b Differences in student performance in science by immigrant status

Tableau S4b Variation de la performance des élèves en sciences selon l'ascendance autochtone ou allochtone

	Performance on the science scale						Difference in science performance					
	Native students		Second-generation students		First-generation students		Second-generation students minus native students		First-generation students minus native students		First-generation students minus second-generation students	
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
Adjudicated												
Belgium (Flemish Community)	536	(3.1)	440	(11.1)	459	(12.3)	**-96**	(10.6)	**-77**	(12.0)	19	(14.7)
Italy (Provincia Autonoma of Bolzano)	529	(2.1)	c	c	443	(15.9)	c	c	**-87**	(16.1)	c	c
Italy (Provincia Campania)	444	(5.6)	c	c	c	c	c	c	c	c	c	c
Italy (Provincia Basilicata)	453	(4.7)	c	c	c	c	c	c	c	c	c	c
Italy (Provincia Emilia Romagna)	516	(3.5)	c	c	426	(11.6)	c	c	**-90**	(11.3)	c	c
Italy (Provincia Friuli Venezia Giulia)	539	(3.1)	c	c	458	(13.5)	c	c	**-81**	(13.2)	c	c
Italy (Provincia Sicilia)	438	(7.0)	c	c	c	c	c	c	c	c	c	c
Italy (Provincia Liguria)	498	(6.9)	c	c	387	(11.0)	c	c	**-111**	(11.7)	c	c
Italy (Provincia Lombardia)	507	(5.7)	c	c	409	(18.7)	c	c	**-99**	(18.3)	c	c
Italy (Provincia Piemonte)	513	(4.4)	c	c	446	(11.1)	c	c	**-67**	(10.5)	c	c
Italy (Provincia Trento)	527	(2.2)	c	c	458	(11.3)	c	c	**-69**	(11.8)	c	c
Italy (Provincia Sardegna)	451	(6.1)	c	c	c	c	c	c	c	c	c	c
Italy (Provincia Puglia)	449	(4.1)	c	c	c	c	c	c	c	c	c	c
Italy (Provincia Veneto)	530	(4.9)	c	c	431	(11.6)	c	c	**-99**	(10.8)	c	c
Spain (Andalusia)	475	(3.7)	c	c	c	c	c	c	c	c	c	c
Spain (Basque Country)	499	(3.4)	c	c	424	(9.9)	c	c	**-74**	(10.4)	c	c
Spain (Cantabria)	513	(3.5)	c	c	447	(13.8)	c	c	**-66**	(13.6)	c	c
Spain (Galicia)	506	(3.5)	c	c	c	c	c	c	c	c	c	c
Spain (La Rioja)	526	(2.5)	c	c	445	(11.7)	c	c	**-80**	(11.8)	c	c
Spain (Castile and Leon)	522	(3.8)	c	c	c	c	c	c	c	c	c	c
Spain (Navarre)	515	(3.2)	c	c	468	(10.4)	c	c	**-47**	(11.4)	c	c
Spain (Aragon)	518	(3.9)	c	c	433	(11.3)	c	c	**-85**	(12.1)	c	c
Spain (Catalonia)	499	(5.0)	c	c	421	(9.7)	c	c	**-78**	(8.6)	c	c
Spain (Asturias)	511	(4.8)	c	c	c	c	c	c	c	c	c	c
United Kingdom (Scotland)	516	(3.8)	c	c	c	c	c	c	c	c	c	c
Non-adjudicated												
Belgium (French Community)	503	(4.3)	444	(10.0)	415	(9.7)	**-59**	(9.8)	**-88**	(9.6)	**-28**	(9.6)
Belgium (German-Speaking Community)	529	(3.2)	c	c	468	(8.6)	c	c	**-61**	(9.4)	c	c
Finland (Finnish Speaking)	567	(2.0)	c	c	c	c	c	c	c	c	c	c
Finland (Swedish Speaking)	533	(6.3)	c	c	c	c	c	c	c	c	c	c
United Kingdom (England)	521	(2.4)	493	(9.3)	478	(15.5)	**-28**	(9.3)	**-43**	(15.2)	-15	(16.1)
United Kingdom (Northern Ireland)	512	(3.2)	c	c	c	c	c	c	c	c	c	c
United Kingdom (Wales)	507	(3.4)	c	c	c	c	c	c	c	c	c	c

Notes: Values that are statistically significant are indicated in bold (see Annex A3). See Table 4.2a and Table 4.2c for national data.

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[Part 1/2]

Table S4c Relationship between student performance in science and the PISA index of economic, social and cultural status (ESCS)

Tableau S4c Relation entre la performance des élèves en sciences et l'indice PISA de statut économique, social et culturel (SESC)

	Unadjusted mean score		Mean score if the mean ESCS would be equal in all OECD countries		Strength of the relationship between student performance and the ESCS: Percentage of explained variance in student performance		Slope of the socio-economic gradient[1]: Score point difference associated with one unit on the ESCS		Length of the projection of the gradient line: 5th percentile of the ESCS		95th percentile of the ESCS		Difference between 95th and 5th percentile of the ESCS	
	Mean score	S.E.	Mean score	S.E.		S.E.		S.E.	Index	S.E.	Index	S.E.	Dif.	S.E.
Adjudicated														
Belgium (Flemish Community)	529	(3.2)	521	(3.2)	**19.3**	(1.46)	**45**	(2.0)	-1.19	(0.04)	1.59	(0.02)	2.78	(0.05)
Italy (Provincia Autonoma of Bolzano)	526	(2.0)	529	(2.0)	**7.3**	(1.46)	**29**	(3.1)	-1.40	(0.05)	1.38	(0.06)	2.79	(0.07)
Italy (Provincia Campania)	442	(5.9)	445	(5.2)	**7.6**	(2.14)	**22**	(3.5)	-1.65	(0.02)	1.72	(0.06)	3.37	(0.06)
Italy (Provincia Basilicata)	451	(5.0)	459	(4.2)	**12.6**	(2.25)	**32**	(3.3)	-1.69	(0.03)	1.49	(0.08)	3.18	(0.08)
Italy (Provincia Emilia Romagna)	510	(3.7)	505	(3.5)	**10.2**	(2.26)	**31**	(3.6)	-1.38	(0.05)	1.78	(0.06)	3.16	(0.09)
Italy (Provincia Friuli Venezia Giulia)	534	(3.3)	532	(3.3)	**6.3**	(2.03)	**23**	(3.9)	-1.36	(0.03)	1.78	(0.09)	3.13	(0.09)
Italy (Provincia Sicilia)	433	(7.2)	439	(6.2)	**12.7**	(2.29)	**34**	(3.4)	-1.72	(0.04)	1.70	(0.08)	3.43	(0.08)
Italy (Provincia Liguria)	488	(6.7)	484	(6.6)	7.6	(4.29)	**27**	(7.6)	-1.49	(0.05)	1.85	(0.09)	3.34	(0.08)
Italy (Provincia Lombardia)	499	(6.2)	504	(5.6)	**9.9**	(2.63)	**33**	(4.2)	-1.54	(0.03)	1.46	(0.03)	3.00	(0.05)
Italy (Provincia Piemonte)	508	(4.7)	506	(3.9)	**12.0**	(2.41)	**32**	(3.6)	-1.51	(0.07)	1.77	(0.11)	3.29	(0.10)
Italy (Provincia Trento)	521	(2.0)	523	(2.1)	**8.5**	(1.52)	**30**	(2.8)	-1.43	(0.04)	1.51	(0.09)	2.95	(0.10)
Italy (Provincia Sardegna)	449	(6.1)	455	(5.2)	**12.3**	(2.86)	**32**	(3.8)	-1.62	(0.05)	1.73	(0.10)	3.35	(0.10)
Italy (Provincia Puglia)	447	(4.3)	456	(3.9)	**7.6**	(2.07)	**23**	(3.3)	-1.72	(0.04)	1.49	(0.12)	3.21	(0.12)
Italy (Provincia Veneto)	524	(5.4)	524	(4.7)	**9.4**	(1.97)	**29**	(3.6)	-1.46	(0.02)	1.67	(0.07)	3.13	(0.06)
Spain (Andalusia)	474	(4.0)	495	(3.1)	**15.2**	(2.19)	**32**	(2.8)	-2.14	(0.05)	1.33	(0.08)	3.46	(0.08)
Spain (Basque Country)	495	(3.5)	497	(2.8)	**10.8**	(1.57)	**28**	(2.0)	-1.63	(0.05)	1.56	(0.04)	3.19	(0.06)
Spain (Cantabria)	509	(3.6)	515	(3.0)	**13.1**	(1.74)	**32**	(2.1)	-1.69	(0.05)	1.55	(0.06)	3.24	(0.06)
Spain (Galicia)	505	(3.4)	514	(3.1)	**9.0**	(1.96)	**25**	(2.6)	-1.93	(0.05)	1.55	(0.10)	3.48	(0.10)
Spain (La Rioja)	520	(2.5)	523	(2.4)	**8.2**	(1.79)	**25**	(2.7)	-1.66	(0.05)	1.61	(0.06)	3.27	(0.08)
Spain (Castile and Leon)	520	(3.9)	525	(3.6)	**8.5**	(2.05)	**23**	(3.0)	-1.70	(0.04)	1.48	(0.09)	3.18	(0.09)
Spain (Navarre)	511	(2.9)	516	(3.1)	**11.9**	(1.66)	**30**	(2.2)	-1.79	(0.08)	1.56	(0.04)	3.34	(0.08)
Spain (Aragon)	513	(3.9)	518	(3.3)	**14.6**	(1.78)	**33**	(2.4)	-1.73	(0.04)	1.56	(0.06)	3.29	(0.07)
Spain (Catalonia)	491	(5.1)	496	(4.1)	**13.6**	(2.91)	**31**	(3.1)	-1.77	(0.06)	1.61	(0.14)	3.38	(0.14)
Spain (Asturias)	508	(4.9)	514	(3.6)	**15.5**	(2.40)	**32**	(2.5)	-1.74	(0.06)	1.64	(0.14)	3.38	(0.14)
United Kingdom (Scotland)	515	(4.0)	503	(3.4)	**15.7**	(2.15)	**50**	(3.7)	-0.98	(0.04)	1.55	(0.03)	2.53	(0.05)
Non-adjudicated														
Belgium (French Community)	486	(4.3)	481	(3.4)	**20.1**	(2.32)	**49**	(3.3)	-1.41	(0.07)	1.57	(0.05)	2.98	(0.09)
Belgium (German-Speaking Community)	516	(2.9)	513	(3.0)	**6.5**	(1.59)	**29**	(3.6)	-1.23	(0.11)	1.57	(0.07)	2.80	(0.14)
Finland (Finnish Speaking)	565	(2.1)	557	(1.9)	**8.4**	(0.91)	**31**	(1.6)	-1.06	(0.04)	1.48	(0.02)	2.54	(0.04)
Finland (Swedish Speaking)	531	(6.2)	524	(6.8)	**6.3**	(3.05)	**29**	(7.5)	-0.93	(0.11)	1.50	(0.12)	2.43	(0.16)
United Kingdom (England)	516	(2.7)	509	(2.3)	**13.7**	(1.26)	**48**	(2.1)	-1.13	(0.03)	1.50	(0.01)	2.63	(0.03)
United Kingdom (Northern Ireland)	508	(3.3)	508	(3.2)	**14.8**	(1.82)	**55**	(3.5)	-1.13	(0.03)	1.36	(0.05)	2.50	(0.07)
United Kingdom (Wales)	505	(3.5)	500	(3.1)	**14.2**	(1.54)	**48**	(2.8)	-1.12	(0.04)	1.47	(0.04)	2.58	(0.05)

Notes: Values that are statistically significant are indicated in bold (see Annex A3). See Table 4.4a for national data.
1. Single-level bivariate regression of science performance on the ESCS, the slope is the regression coefficient for the ESCS.
2. Student-level regression of science performance on the ESCS and the squared term of the ESCS, the index of curvelinearity is the regression coefficient for the squared term.

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[Part 2/2]

Table S4c Relationship between student performance in science and the PISA index of economic, social and cultural status (ESCS)

Tableau S4c Relation entre la performance des élèves en sciences et l'indice PISA de statut économique, social et culturel (SESC)

	ESCS mean		Variability in the ESCS		Index of curvelinearity[2]		Index of skewness in the distribution of the ESCS		Percentage of students that fall within the lowest 15 per cent of the international distribution on the ESCS	
	Mean index	S.E.	Standard deviation	S.E.	Score point difference associated with one unit on the ESCS squared	S.E.	Index	S.E.	Approximated by the percentage of students with a value on the PISA index of economic, social and cultural status smaller than -1	S.E.
Adjudicated										
Belgium (Flemish Community)	0.21	(0.02)	0.90	(0.01)	**-4.35**	(1.02)	-0.28	(0.07)	7.7	(0.5)
Italy (Provincia Autonoma of Bolzano)	-0.08	(0.02)	0.82	(0.01)	-3.91	(2.70)	0.17	(0.07)	12.7	(0.9)
Italy (Provincia Campania)	-0.12	(0.04)	1.02	(0.02)	-1.10	(2.23)	0.31	(0.05)	21.0	(1.5)
Italy (Provincia Basilicata)	-0.26	(0.04)	0.95	(0.02)	-1.19	(1.92)	0.34	(0.05)	24.9	(1.6)
Italy (Provincia Emilia Romagna)	0.17	(0.04)	0.97	(0.02)	**-5.14**	(1.86)	0.00	(0.07)	13.0	(1.1)
Italy (Provincia Friuli Venezia Giulia)	0.08	(0.05)	0.93	(0.02)	-2.39	(2.12)	0.27	(0.05)	12.8	(1.2)
Italy (Provincia Sicilia)	-0.18	(0.05)	1.03	(0.02)	1.05	(2.03)	0.23	(0.05)	23.7	(2.1)
Italy (Provincia Liguria)	0.17	(0.07)	0.98	(0.02)	**-9.76**	(2.58)	0.03	(0.05)	13.0	(1.3)
Italy (Provincia Lombardia)	-0.13	(0.05)	0.91	(0.03)	-4.61	(3.05)	0.15	(0.07)	19.2	(1.6)
Italy (Provincia Piemonte)	0.09	(0.07)	0.99	(0.03)	**-3.98**	(2.00)	0.09	(0.06)	14.8	(1.2)
Italy (Provincia Trento)	-0.04	(0.02)	0.89	(0.02)	**-6.04**	(2.66)	0.24	(0.07)	14.5	(0.9)
Italy (Provincia Sardegna)	-0.17	(0.09)	1.02	(0.04)	-3.37	(1.98)	0.34	(0.07)	23.7	(2.4)
Italy (Provincia Puglia)	-0.32	(0.05)	0.97	(0.02)	2.00	(2.03)	0.37	(0.05)	28.0	(2.0)
Italy (Provincia Veneto)	0.00	(0.05)	0.92	(0.02)	**-6.22**	(2.57)	0.21	(0.06)	14.5	(1.3)
Spain (Andalusia)	-0.64	(0.06)	1.06	(0.02)	-1.45	(1.80)	0.38	(0.06)	41.9	(2.2)
Spain (Basque Country)	-0.04	(0.04)	0.99	(0.01)	-1.59	(1.09)	0.01	(0.04)	18.4	(0.9)
Spain (Cantabria)	-0.16	(0.05)	0.97	(0.02)	0.46	(2.17)	0.15	(0.05)	21.1	(1.5)
Spain (Galicia)	-0.34	(0.07)	1.04	(0.03)	-1.63	(1.86)	0.30	(0.06)	27.6	(1.8)
Spain (La Rioja)	-0.12	(0.03)	1.00	(0.02)	**-9.78**	(2.15)	0.23	(0.05)	20.7	(1.2)
Spain (Castile and Leon)	-0.21	(0.05)	1.01	(0.02)	-1.19	(1.95)	0.20	(0.05)	23.7	(1.5)
Spain (Navarre)	-0.14	(0.04)	1.02	(0.02)	1.75	(2.25)	0.10	(0.05)	20.6	(1.1)
Spain (Aragon)	-0.14	(0.05)	1.02	(0.02)	**-5.59**	(1.88)	0.09	(0.05)	22.2	(1.5)
Spain (Catalonia)	-0.15	(0.08)	1.05	(0.04)	-0.42	(3.19)	0.09	(0.06)	23.0	(1.7)
Spain (Asturias)	-0.15	(0.07)	1.02	(0.03)	0.09	(1.52)	0.16	(0.05)	20.4	(1.5)
United Kingdom (Scotland)	0.26	(0.03)	0.78	(0.01)	2.32	(2.29)	-0.03	(0.05)	4.9	(0.5)
Non-adjudicated										
Belgium (French Community)	0.13	(0.04)	0.93	(0.02)	1.64	(1.75)	-0.22	(0.06)	9.8	(0.9)
Belgium (German-Speaking Community)	0.14	(0.03)	0.86	(0.02)	-1.78	(3.30)	0.07	(0.08)	7.7	(0.9)
Finland (Finnish Speaking)	0.26	(0.02)	0.79	(0.01)	1.61	(1.62)	-0.18	(0.04)	5.7	(0.4)
Finland (Swedish Speaking)	0.27	(0.04)	0.72	(0.03)	4.35	(7.43)	0.09	(0.17)	3.4	(1.5)
United Kingdom (England)	0.19	(0.02)	0.82	(0.01)	-0.73	(1.84)	-0.15	(0.05)	6.7	(0.5)
United Kingdom (Northern Ireland)	0.06	(0.02)	0.79	(0.01)	-2.10	(2.76)	0.13	(0.05)	7.5	(0.6)
United Kingdom (Wales)	0.14	(0.03)	0.80	(0.02)	3.39	(1.87)	0.00	(0.06)	6.6	(0.6)

Notes: Values that are statistically significant are indicated in bold (see Annex A3). See Table 4.4a for national data.
1. Single-level bivariate regression of science performance on the ESCS, the slope is the regression coefficient for the ESCS.
2. Student-level regression of science performance on the ESCS and the squared term of the ESCS, the index of curvelinearity is the regression coefficient for the squared term.

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[Part 1/1]

Table S4d Relationship between science motivational indices and the PISA index of economic, social and cultural status (ESCS)

Tableau S4d Relation entre les indices de motivation et l'indice PISA de statut économique, social et culturel (SESC)

	Percentage of variance for the following indices explained by ESCS									
	Interest in learning science topics		General interest in science		Enjoyment of science		Instrumental motivation to learn science		Future-oriented motivation to learn science	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
Adjudicated										
Belgium (Flemish Community)	0.0	(0.05)	5.1	(0.83)	3.6	(0.73)	1.6	(0.50)	2.5	(0.51)
Italy (Provincia Autonoma of Bolzano)	0.6	(0.41)	1.9	(0.78)	2.2	(0.80)	0.6	(0.39)	1.0	(0.44)
Italy (Provincia Campania)	0.2	(0.30)	1.7	(0.92)	0.9	(0.65)	0.9	(0.74)	0.4	(0.50)
Italy (Provincia Basilicata)	0.3	(0.37)	4.2	(1.32)	1.8	(0.82)	1.4	(0.71)	1.1	(0.65)
Italy (Provincia Emilia Romagna)	0.2	(0.45)	1.4	(1.01)	1.1	(0.80)	2.2	(1.30)	1.0	(0.84)
Italy (Provincia Friuli Venezia Giulia)	0.2	(0.28)	1.0	(0.64)	1.1	(0.55)	1.9	(0.92)	1.1	(0.60)
Italy (Provincia Sicilia)	0.1	(0.36)	1.6	(1.19)	1.2	(0.69)	2.8	(1.21)	1.8	(1.10)
Italy (Provincia Liguria)	0.2	(0.41)	1.8	(1.05)	0.9	(0.84)	2.3	(1.53)	0.7	(0.70)
Italy (Provincia Lombardia)	0.3	(0.29)	3.8	(1.41)	3.6	(1.51)	2.6	(0.99)	2.9	(1.29)
Italy (Provincia Piemonte)	0.0	(0.19)	1.9	(0.93)	1.9	(0.65)	2.0	(0.80)	1.4	(0.56)
Italy (Provincia Trento)	1.0	(0.59)	5.8	(1.31)	2.8	(0.97)	2.8	(0.97)	2.4	(0.84)
Italy (Provincia Sardegna)	0.2	(0.26)	3.3	(1.11)	1.5	(0.84)	1.3	(1.04)	0.4	(0.65)
Italy (Provincia Puglia)	0.0	(0.20)	0.9	(0.62)	1.4	(0.63)	1.3	(0.71)	1.7	(0.59)
Italy (Provincia Veneto)	0.4	(0.38)	3.3	(0.76)	3.7	(1.28)	3.2	(1.34)	3.2	(1.26)
Spain (Andalusia)	0.0	(0.15)	3.4	(0.86)	2.8	(1.04)	3.6	(0.97)	2.8	(0.82)
Spain (Basque Country)	0.5	(0.26)	3.3	(0.59)	4.3	(0.83)	3.0	(0.66)	2.8	(0.60)
Spain (Cantabria)	0.0	(0.11)	4.0	(0.82)	4.0	(0.80)	3.2	(0.98)	4.8	(1.04)
Spain (Galicia)	0.2	(0.34)	3.8	(1.04)	3.8	(1.26)	4.8	(1.31)	3.9	(1.10)
Spain (La Rioja)	0.4	(0.45)	1.8	(0.86)	2.1	(0.85)	2.6	(0.86)	2.3	(0.77)
Spain (Castile and Leon)	0.0	(0.14)	0.9	(0.52)	2.1	(0.83)	1.9	(0.78)	1.6	(0.64)
Spain (Navarre)	0.0	(0.10)	1.6	(0.56)	2.5	(1.01)	3.1	(1.07)	3.3	(0.92)
Spain (Aragon)	0.4	(0.40)	2.8	(0.89)	4.0	(0.80)	3.0	(0.84)	4.9	(0.96)
Spain (Catalonia)	0.0	(0.16)	1.9	(0.83)	3.5	(1.48)	2.3	(1.31)	2.6	(1.29)
Spain (Asturias)	0.0	(0.16)	3.0	(1.13)	3.0	(0.93)	3.2	(0.83)	3.7	(1.08)
United Kingdom (Scotland)	1.9	(0.64)	5.5	(0.95)	5.9	(1.02)	3.3	(0.94)	3.3	(0.87)
Non-adjudicated										
Belgium (French Community)	0.3	(0.26)	3.0	(1.00)	2.8	(0.82)	0.9	(0.41)	1.4	(0.60)
Belgium (German-Speaking Community)	1.3	(0.75)	5.2	(1.33)	3.1	(1.23)	2.8	(1.31)	3.1	(1.17)
Finland (Finnish Speaking)	1.5	(0.46)	2.7	(0.55)	2.2	(0.51)	3.3	(0.57)	3.2	(0.59)
Finland (Swedish Speaking)	0.7	(1.27)	2.4	(2.59)	2.0	(1.83)	1.3	(1.46)	2.4	(2.49)
United Kingdom (England)	0.6	(0.28)	1.6	(0.44)	2.7	(0.59)	1.3	(0.37)	1.0	(0.35)
United Kingdom (Northern Ireland)	1.0	(0.49)	2.2	(0.60)	2.4	(0.65)	1.6	(0.61)	1.5	(0.56)
United Kingdom (Wales)	1.0	(0.45)	2.5	(0.66)	3.0	(0.69)	2.5	(0.66)	2.4	(0.69)

Note: See Table 4.5 for national data.

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[Part 1/1]

Table S4e Relationship between student perceptions of science and the PISA index of economic, social and cultural status (ESCS)

Tableau S4e Relation entre les indices d'attitude à l'égard des sciences et l'indice PISA de statut économique, social et culturel (SESC)

	Percentage of variance for the following indices explained by ESCS									
	Support for scientific enquiry		General value of science		Personal value of science		Self-efficacy in science		Self-concept in science	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
Adjudicated										
Belgium (Flemish Community)	3.1	(0.66)	2.2	(0.52)	2.5	(0.59)	4.6	(0.66)	2.4	(0.59)
Italy (Provincia Autonoma of Bolzano)	1.9	(0.70)	1.5	(0.65)	0.9	(0.49)	4.7	(1.17)	2.2	(0.85)
Italy (Provincia Campania)	1.1	(0.67)	1.7	(0.67)	0.2	(0.36)	4.1	(0.94)	1.7	(0.92)
Italy (Provincia Basilicata)	3.8	(1.27)	3.3	(1.01)	1.2	(0.70)	4.7	(1.29)	1.9	(0.75)
Italy (Provincia Emilia Romagna)	3.3	(1.49)	3.9	(1.15)	1.2	(0.95)	2.9	(1.55)	0.5	(0.65)
Italy (Provincia Friuli Venezia Giulia)	2.4	(0.96)	2.4	(0.92)	1.2	(0.66)	3.7	(0.94)	0.5	(0.30)
Italy (Provincia Sicilia)	3.4	(1.13)	4.7	(1.29)	1.7	(0.75)	4.7	(1.57)	1.1	(0.59)
Italy (Provincia Liguria)	3.2	(1.70)	2.9	(1.17)	1.8	(1.07)	3.9	(1.47)	2.7	(0.97)
Italy (Provincia Lombardia)	2.9	(1.04)	3.2	(1.14)	2.7	(1.07)	5.7	(1.47)	1.7	(0.88)
Italy (Provincia Piemonte)	2.6	(1.06)	3.2	(0.97)	2.0	(0.69)	5.9	(1.46)	2.5	(1.10)
Italy (Provincia Trento)	6.0	(1.30)	5.3	(1.37)	3.8	(1.19)	4.5	(1.42)	1.8	(0.81)
Italy (Provincia Sardegna)	4.4	(1.35)	4.5	(1.12)	0.9	(0.93)	6.1	(1.25)	1.9	(0.93)
Italy (Provincia Puglia)	2.4	(1.18)	1.8	(0.97)	1.7	(0.76)	1.5	(0.66)	0.2	(0.23)
Italy (Provincia Veneto)	4.3	(0.99)	6.1	(1.51)	3.4	(0.99)	4.4	(1.05)	1.9	(0.73)
Spain (Andalusia)	2.0	(1.11)	3.1	(0.85)	4.1	(0.96)	6.4	(1.16)	5.5	(1.22)
Spain (Basque Country)	2.6	(0.68)	3.1	(0.64)	3.2	(0.54)	3.8	(0.75)	4.4	(0.82)
Spain (Cantabria)	2.0	(0.89)	1.9	(0.78)	2.7	(0.72)	4.8	(0.96)	3.8	(1.07)
Spain (Galicia)	3.2	(1.13)	3.4	(0.92)	5.4	(1.49)	8.4	(1.51)	5.7	(1.14)
Spain (La Rioja)	1.8	(1.03)	3.2	(1.17)	4.0	(1.17)	6.2	(1.64)	4.7	(1.19)
Spain (Castile and Leon)	0.8	(0.67)	1.8	(0.60)	1.7	(0.50)	3.4	(1.15)	2.3	(0.83)
Spain (Navarre)	2.8	(0.92)	3.5	(0.98)	3.8	(1.05)	5.2	(0.88)	3.4	(1.20)
Spain (Aragon)	2.4	(0.91)	2.9	(0.83)	3.3	(0.90)	3.8	(1.25)	3.7	(1.01)
Spain (Catalonia)	2.2	(1.17)	3.3	(1.12)	3.4	(1.21)	5.5	(1.37)	2.8	(1.11)
Spain (Asturias)	0.6	(0.58)	2.8	(0.94)	3.5	(0.89)	7.2	(1.27)	3.8	(1.31)
United Kingdom (Scotland)	6.0	(1.27)	7.3	(1.36)	6.5	(1.21)	10.3	(1.43)	3.8	(0.85)
Non-adjudicated										
Belgium (French Community)	2.6	(0.84)	2.4	(0.70)	3.0	(0.80)	5.3	(0.97)	1.9	(0.67)
Belgium (German-Speaking Community)	2.9	(1.17)	3.0	(1.24)	2.9	(1.14)	5.3	(1.39)	3.4	(1.40)
Finland (Finnish Speaking)	2.6	(0.59)	4.0	(0.58)	3.6	(0.57)	5.4	(0.83)	3.7	(0.69)
Finland (Swedish Speaking)	2.0	(2.54)	3.3	(2.00)	3.0	(3.26)	4.8	(2.73)	5.0	(2.47)
United Kingdom (England)	2.8	(0.64)	3.8	(0.53)	2.6	(0.44)	8.0	(0.80)	2.1	(0.46)
United Kingdom (Northern Ireland)	3.8	(0.94)	3.8	(0.77)	2.8	(0.72)	7.7	(1.32)	1.9	(0.57)
United Kingdom (Wales)	3.2	(0.71)	3.8	(0.70)	3.8	(0.78)	9.3	(1.08)	3.2	(0.73)

Note: See Table 4.6 for national data.

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[Part 1/1]

Table S5a School admittance policies[1]

Tableau S5a Politiques d'admission des établissements

	Percentage of students in schools where the principal reported the following statements as a "prerequisite" or a "high priority" for admittance at their school											
	Residence in a particular area		Students' academic records		Recommendations of feeder schools		Parents' endorsement of the instructional or religious philosophy of the school		Students' needs or desires for a special programme		Attendance of other family members at the school	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
Adjudicated												
Belgium (Flemish Community)	0.5	(0.3)	34.9	(3.9)	9.4	(2.7)	37.2	(3.9)	8.0	(2.3)	7.4	(2.2)
Italy (Provincia Autonoma of Bolzano)	8.4	(0.4)	5.9	(0.1)	1.0	(0.1)	10.5	(0.2)	25.4	(0.3)	2.8	(0.5)
Italy (Provincia Campania)	22.0	(7.2)	8.7	(4.4)	7.2	(3.7)	5.5	(3.2)	22.6	(5.7)	28.1	(6.1)
Italy (Provincia Basilicata)	0.4	(0.1)	4.6	(2.7)	2.2	(2.5)	9.1	(2.9)	24.3	(5.3)	4.6	(2.2)
Italy (Provincia Emilia Romagna)	2.5	(2.2)	2.7	(1.6)	7.9	(4.0)	6.9	(3.7)	46.6	(6.4)	10.1	(4.4)
Italy (Provincia Friuli Venezia Giulia)	2.1	(2.1)	6.9	(2.6)	8.2	(2.9)	6.5	(2.5)	34.1	(5.0)	5.1	(3.0)
Italy (Provincia Sicilia)	2.5	(2.4)	5.6	(3.5)	14.6	(7.7)	23.1	(8.0)	43.9	(8.4)	11.7	(4.8)
Italy (Provincia Liguria)	2.7	(0.7)	4.9	(3.4)	3.8	(3.0)	13.3	(4.5)	39.0	(7.4)	10.5	(4.1)
Italy (Provincia Lombardia)	7.9	(4.2)	4.4	(3.7)	2.3	(2.3)	12.1	(4.2)	48.8	(7.0)	2.7	(2.7)
Italy (Provincia Piemonte)	6.1	(3.2)	8.9	(4.3)	6.1	(3.1)	14.2	(6.2)	37.0	(7.8)	6.3	(3.7)
Italy (Provincia Trento)	2.2	(0.1)	6.7	(1.1)	6.9	(0.2)	3.9	(0.1)	36.2	(0.8)	7.2	(0.1)
Italy (Provincia Sardegna)	6.2	(3.8)	7.0	(3.9)	7.4	(3.7)	8.7	(4.1)	37.6	(8.6)	7.3	(3.9)
Italy (Provincia Puglia)	2.2	(2.0)	10.4	(4.7)	6.5	(3.2)	14.8	(5.8)	34.1	(7.2)	8.3	(3.8)
Italy (Provincia Veneto)	0.6	(0.6)	5.5	(3.2)	5.8	(3.4)	9.1	(3.5)	25.0	(6.5)	2.3	(2.3)
Spain (Andalusia)	66.3	(6.4)	1.5	(1.6)	1.4	(1.4)	9.3	(4.2)	18.0	(6.2)	38.3	(6.8)
Spain (Basque Country)	53.4	(3.8)	a	a	0.8	(0.8)	19.0	(3.1)	12.4	(2.3)	28.2	(3.6)
Spain (Cantabria)	67.4	(5.7)	a	a	0.4	(0.3)	13.0	(4.8)	10.9	(4.8)	31.6	(7.1)
Spain (Galicia)	73.5	(6.3)	a	a	2.0	(2.0)	17.1	(3.9)	15.1	(4.1)	18.3	(5.3)
Spain (La Rioja)	65.4	(0.4)	a	a	2.5	(0.3)	17.2	(0.2)	11.7	(0.4)	35.7	(0.5)
Spain (Castile and Leon)	52.6	(6.0)	a	a	a	a	12.2	(4.3)	9.8	(4.4)	38.3	(6.2)
Spain (Navarre)	67.1	(4.8)	1.8	(1.9)	3.3	(2.3)	17.1	(4.7)	9.8	(4.3)	35.8	(3.6)
Spain (Aragon)	75.1	(4.5)	1.5	(1.5)	a	a	7.4	(3.7)	15.0	(5.7)	26.5	(6.1)
Spain (Catalonia)	67.9	(8.1)	4.3	(3.1)	8.2	(3.2)	13.2	(3.3)	14.6	(6.1)	69.9	(6.6)
Spain (Asturias)	75.1	(6.2)	a	a	a	a	14.3	(5.1)	8.4	(3.4)	36.4	(6.6)
United Kingdom (Scotland)	73.2	(4.8)	5.4	(2.6)	8.5	(3.0)	8.3	(2.7)	17.2	(4.2)	25.1	(3.9)
Non-adjudicated												
Belgium (French Community)	5.0	(2.5)	13.2	(3.7)	4.8	(2.4)	44.7	(5.4)	19.4	(4.6)	13.4	(3.6)
Belgium (German-Speaking Community)	1.6	(0.2)	13.1	(0.2)	a	a	32.5	(0.2)	36.0	(0.2)	a	a
Finland (Finnish Speaking)	77.4	(3.8)	4.4	(1.9)	2.2	(1.2)	10.3	(2.8)	17.0	(3.6)	12.5	(3.0)
Finland (Swedish Speaking)	21.2	(16.8)	a	a	a	a	a	a	6.9	(7.5)	18.2	(16.7)
United Kingdom (England)	60.3	(3.8)	9.6	(1.6)	6.3	(1.9)	12.4	(2.3)	9.5	(2.2)	33.0	(3.5)
United Kingdom (Northern Ireland)	34.5	(3.7)	38.4	(1.8)	7.3	(2.2)	17.4	(3.8)	3.1	(1.8)	42.9	(4.2)
United Kingdom (Wales)	64.4	(4.5)	1.8	(0.9)	16.3	(3.4)	14.8	(3.6)	5.4	(2.1)	29.9	(4.0)

Note: See Table 5.1 for national data.
1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.
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[Part 1/3]

Table S5b Percentage of students and student performance on the science, reading and mathematics scales, by type of school[1]

Tableau S5b Pourcentage d'élèves et scores des élèves sur les échelles de culture scientifique, de compréhension de l'écrit et de culture mathématique, selon le type d'établissement

	Government or public schools[2]								Government-dependent private schools[3]							
			Performance on the science scale		Performance on the reading scale		Performance on the mathematics scale				Performance on the science scale		Performance on the reading scale		Performance on the mathematics scale	
	% of students	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	% of students	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
Adjudicated																
Belgium (Flemish Community)	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
Italy (Provincia Autonoma of Bolzano)	96.6	(0.1)	526	(2.1)	502	(2.3)	513	(1.9)	3.1	(0.1)	537	(7.4)	515	(7.6)	529	(7.4)
Italy (Provincia Campania)	99.2	(0.7)	443	(5.9)	439	(5.9)	437	(9.1)	c	c	c	c	c	c	c	c
Italy (Provincia Basilicata)	100.0	(0.0)	451	(5.0)	446	(6.3)	443	(5.1)	c	c	c	c	c	c	c	c
Italy (Provincia Emilia Romagna)	96.3	(2.3)	510	(3.8)	495	(4.8)	494	(3.6)	2.1	(2.1)	c	c	c	c	c	c
Italy (Provincia Friuli Venezia Giulia)	96.8	(2.4)	535	(3.8)	518	(4.4)	513	(4.0)	c	c	c	c	c	c	c	c
Italy (Provincia Sicilia)	96.9	(2.8)	435	(6.6)	425	(8.5)	427	(4.9)	1.2	(0.9)	c	c	c	c	c	c
Italy (Provincia Liguria)	91.5	(4.7)	495	(5.0)	490	(6.1)	478	(5.8)	1.9	(0.1)	c	c	c	c	c	c
Italy (Provincia Lombardia)	92.8	(2.8)	505	(6.2)	495	(7.4)	491	(6.9)	2.1	(2.0)	c	c	c	c	c	c
Italy (Provincia Piemonte)	89.2	(5.8)	507	(5.4)	504	(6.0)	491	(4.9)	c	c	c	c	c	c	c	c
Italy (Provincia Trento)	84.7	(0.3)	537	(2.3)	528	(2.9)	523	(2.6)	15.3	(0.3)	431	(3.6)	400	(3.7)	423	(3.8)
Italy (Provincia Sardegna)	97.6	(2.4)	451	(6.4)	436	(8.6)	432	(7.3)	c	c	c	c	c	c	c	c
Italy (Provincia Puglia)	97.7	(2.3)	447	(4.4)	440	(6.7)	434	(4.8)	2.3	(2.3)	c	c	c	c	c	c
Italy (Provincia Veneto)	91.2	(3.6)	531	(5.6)	519	(6.0)	517	(6.8)	4.1	(3.0)	421	(7.9)	431	(36.3)	412	(12.9)
Spain (Andalusia)	74.7	(1.6)	471	(4.6)	439	(4.1)	459	(4.9)	24.1	(2.5)	480	(8.5)	459	(11.0)	473	(8.5)
Spain (Basque Country)	41.7	(0.8)	478	(4.7)	469	(6.9)	483	(4.9)	58.3	(0.8)	506	(5.0)	500	(5.3)	513	(5.0)
Spain (Cantabria)	65.6	(2.3)	504	(4.1)	469	(4.3)	498	(3.5)	32.3	(3.2)	516	(8.9)	483	(10.1)	505	(6.4)
Spain (Galicia)	70.7	(0.8)	497	(4.1)	469	(4.0)	487	(3.9)	18.4	(3.3)	523	(10.5)	503	(9.3)	506	(13.7)
Spain (La Rioja)	61.1	(0.2)	515	(3.4)	484	(3.3)	523	(2.9)	33.5	(0.3)	526	(3.9)	502	(3.6)	531	(3.5)
Spain (Castile and Leon)	63.5	(1.8)	515	(5.4)	469	(4.4)	507	(4.6)	30.7	(3.7)	530	(6.7)	498	(6.4)	526	(4.5)
Spain (Navarre)	59.4	(1.5)	498	(3.6)	469	(3.7)	500	(4.4)	37.7	(2.5)	529	(4.9)	495	(4.6)	536	(6.6)
Spain (Aragon)	64.3	(3.7)	503	(5.1)	474	(6.2)	504	(5.8)	33.5	(3.5)	522	(9.5)	491	(11.0)	518	(10.8)
Spain (Catalonia)	55.5	(2.4)	471	(6.7)	458	(6.3)	468	(5.8)	21.5	(4.2)	503	(10.6)	486	(14.0)	492	(10.2)
Spain (Asturias)	63.5	(1.5)	499	(6.2)	467	(6.2)	490	(5.6)	23.2	(4.3)	512	(9.7)	486	(9.1)	494	(9.1)
United Kingdom (Scotland)	94.7	(2.5)	510	(3.7)	498	(4.1)	502	(3.6)	1.2	(1.1)	c	c	c	c	c	c
Non-adjudicated																
Belgium (French Community)	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
Belgium (German-Speaking Community)	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
Finland (Finnish Speaking)	97.7	(1.1)	565	(2.0)	548	(2.3)	550	(2.3)	2.3	(1.1)	c	c	c	c	c	c
Finland (Swedish Speaking)	95.7	(3.7)	533	(6.1)	528	(5.9)	534	(7.7)	4.3	(3.7)	482	(11.4)	453	(15.4)	504	(11.4)
United Kingdom (England)	93.2	(1.1)	511	(2.8)	491	(2.9)	491	(2.6)	c	c	c	c	c	c	c	c
United Kingdom (Northern Ireland)	97.4	(1.5)	510	(4.2)	498	(4.1)	495	(3.5)	2.6	(1.5)	c	c	c	c	c	c
United Kingdom (Wales)	98.9	(0.6)	504	(3.3)	480	(3.5)	484	(2.9)	c	c	c	c	c	c	c	c

Note: See Table 5.4 for national data.
1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.
2. Schools which are directly controlled or managed by: i) a public education authority or agency, or ii) a government agency directly or a governing body, most of whose members are either appointed by a public authority or elected by public franchise.
3. Schools which receive 50% or more of their core funding – funding that supports the basic educational services of the institution – from government agencies.
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[Part 2/3]

Table S5b Percentage of students and student performance on the science, reading and mathematics scales, by type of school[1]

Tableau S5b Pourcentage d'élèves et scores des élèves sur les échelles de culture scientifique, de compréhension de l'écrit et de culture mathématique, selon le type d'établissement

	Government-independent private schools[4]								Difference in performance on the science scale between public and private schools (government-dependent and government-independent schools combined)	
			Performance on the science scale		Performance on the reading scale		Performance on the mathematics scale			
	% of students	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Dif. (Pub. - Priv.)	S.E.
Adjudicated										
Belgium (Flemish Community)	w	w	w	w	w	w	w	w	w	w
Italy (Provincia Autonoma of Bolzano)	0.3	(0.0)	c	c	c	c	c	c	-8	(7.4)
Italy (Provincia Campania)	0.8	(0.7)	c	c	c	c	c	c	c	c
Italy (Provincia Basilicata)	c	c	c	c	c	c	c	c	c	c
Italy (Provincia Emilia Romagna)	1.5	(1.1)	c	c	c	c	c	c	**-13**	(6.2)
Italy (Provincia Friuli Venezia Giulia)	3.2	(2.4)	496	(35.3)	534	(23.2)	497	(43.5)	39	(37.3)
Italy (Provincia Sicilia)	1.8	(2.4)	c	c	c	c	c	c	**72**	(22.1)
Italy (Provincia Liguria)	6.5	(4.7)	422	(34.2)	429	(41.1)	430	(30.3)	**82**	(21.8)
Italy (Provincia Lombardia)	5.1	(2.1)	461	(58.8)	466	(47.7)	459	(46.5)	57	(43.1)
Italy (Provincia Piemonte)	10.8	(5.8)	515	(37.8)	517	(39.5)	502	(43.0)	-8	(40.6)
Italy (Provincia Trento)	c	c	c	c	c	c	c	c	**106**	(4.5)
Italy (Provincia Sardegna)	2.4	(2.4)	c	c	c	c	c	c	c	c
Italy (Provincia Puglia)	c	c	c	c	c	c	c	c	c	c
Italy (Provincia Veneto)	4.7	(2.3)	508	(22.0)	474	(37.0)	490	(20.7)	**64**	(21.8)
Spain (Andalusia)	1.2	(1.2)	c	c	c	c	c	c	-12	(8.8)
Spain (Basque Country)	c	c	c	c	c	c	c	c	**-28**	(6.9)
Spain (Cantabria)	2.0	(2.0)	c	c	c	c	c	c	-14	(9.0)
Spain (Galicia)	10.9	(3.4)	525	(4.1)	503	(11.9)	520	(9.3)	**-27**	(8.0)
Spain (La Rioja)	5.4	(0.2)	533	(8.1)	514	(8.4)	531	(9.2)	**-12**	(4.9)
Spain (Castile and Leon)	5.8	(3.9)	526	(9.8)	479	(16.5)	543	(23.5)	**-15**	(7.2)
Spain (Navarre)	2.8	(2.4)	c	c	c	c	c	c	**-32**	(5.3)
Spain (Aragon)	2.2	(2.1)	c	c	c	c	c	c	-20	(10.6)
Spain (Catalonia)	23.0	(4.7)	528	(15.4)	513	(16.1)	529	(18.5)	**-46**	(9.5)
Spain (Asturias)	13.3	(4.2)	546	(10.6)	509	(6.4)	534	(8.2)	**-26**	(10.4)
United Kingdom (Scotland)	4.1	(2.3)	629	(5.7)	581	(10.5)	606	(14.3)	**-102**	(15.6)
Non-adjudicated										
Belgium (French Community)	w	w	w	w	w	w	w	w	w	w
Belgium (German-Speaking Community)	w	w	w	w	w	w	w	w	w	w
Finland (Finnish Speaking)	c	c	c	c	c	c	c	c	c	c
Finland (Swedish Speaking)	c	c	c	c	c	c	c	c	**51**	(11.8)
United Kingdom (England)	6.8	(1.1)	595	(9.1)	576	(9.9)	569	(7.9)	**-84**	(9.6)
United Kingdom (Northern Ireland)	c	c	c	c	c	c	c	c	c	c
United Kingdom (Wales)	1.1	(0.6)	c	c	c	c	c	c	c	c

Note: Values that are statistically significant are indicated in bold (see Annex A3). See Table 5.4 for national data.
1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.
4. Schools which receive less than 50% of their core funding – funding that supports the basic educational services of the institution – from government agencies.
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[Part 3/3]

Table S5b Percentage of students and student performance on the science, reading and mathematics scales, by type of school[1]

Tableau S5b Pourcentage d'élèves et scores des élèves sur les échelles de culture scientifique, de compréhension de l'écrit et de culture mathématique, selon le type d'établissement

	PISA index of economic, social and cultural status						Difference in performance on the science scales between public and private schools after accounting for the PISA index of economic, social and cultural status of:			
	Public schools		Private schools (Government-dependent and government-independent)		Difference		Students		Students and schools	
	Mean index	S.E	Mean index	S.E.	Dif. (Pub. – Priv.)	S.E	Dif. (Pub. – Priv.)	S.E	Dif. (Pub. – Priv.)	S.E
Adjudicated										
Belgium (Flemish Community)	w	w	w	w	w	w	w	w	w	w
Italy (Provincia Autonoma of Bolzano)	-0.10	(0.02)	0.32	(0.08)	**-0.42**	(0.09)	-4	(7.7)	**31**	(6.5)
Italy (Provincia Campania)	-0.13	(0.04)	c	c	c	c	c	c	c	c
Italy (Provincia Basilicata)	-0.26	(0.04)	c	c	c	c	c	c	c	c
Italy (Provincia Emilia Romagna)	0.14	(0.04)	0.62	(0.34)	-0.49	(0.34)	3	(9.9)	36	(32.1)
Italy (Provincia Friuli Venezia Giulia)	0.05	(0.03)	1.12	(0.06)	**-1.07**	(0.08)	67	(35.0)	**124**	(31.5)
Italy (Provincia Sicilia)	-0.17	(0.05)	-0.36	(0.11)	0.18	(0.11)	**67**	(19.0)	**55**	(15.2)
Italy (Provincia Liguria)	0.13	(0.03)	0.61	(0.40)	-0.48	(0.39)	**94**	(29.8)	**114**	(41.3)
Italy (Provincia Lombardia)	-0.13	(0.05)	-0.04	(0.22)	-0.08	(0.23)	59	(36.9)	**64**	(30.7)
Italy (Provincia Piemonte)	0.01	(0.05)	0.79	(0.37)	**-0.78**	(0.38)	18	(30.4)	**65**	(13.7)
Italy (Provincia Trento)	0.04	(0.02)	-0.49	(0.04)	**0.53**	(0.04)	**93**	(4.9)	**59**	(5.0)
Italy (Provincia Sardegna)	-0.18	(0.09)	c	c	c	c	c	c	c	c
Italy (Provincia Puglia)	-0.31	(0.05)	c	c	c	c	c	c	c	c
Italy (Provincia Veneto)	0.00	(0.05)	0.04	(0.37)	-0.04	(0.37)	**65**	(12.7)	**68**	(15.3)
Spain (Andalusia)	-0.78	(0.05)	-0.21	(0.16)	**-0.57**	(0.16)	7	(7.0)	15	(9.8)
Spain (Basque Country)	-0.24	(0.04)	0.10	(0.07)	**-0.34**	(0.08)	**-18**	(5.5)	-9	(5.4)
Spain (Cantabria)	-0.31	(0.05)	0.05	(0.10)	**-0.36**	(0.11)	-2	(6.9)	4	(6.6)
Spain (Galicia)	-0.57	(0.07)	0.21	(0.15)	**-0.77**	(0.16)	-9	(6.4)	-4	(7.6)
Spain (La Rioja)	-0.37	(0.04)	0.26	(0.04)	**-0.62**	(0.06)	4	(4.9)	0	(6.6)
Spain (Castile and Leon)	-0.42	(0.04)	0.12	(0.11)	**-0.53**	(0.11)	-2	(6.5)	4	(7.0)
Spain (Navarre)	-0.40	(0.04)	0.20	(0.08)	**-0.60**	(0.10)	**-16**	(6.0)	-11	(8.1)
Spain (Aragon)	-0.32	(0.08)	0.11	(0.12)	**-0.44**	(0.16)	-7	(8.5)	-2	(8.8)
Spain (Catalonia)	-0.46	(0.06)	0.23	(0.16)	**-0.69**	(0.17)	**-27**	(8.2)	-12	(10.0)
Spain (Asturias)	-0.36	(0.05)	0.17	(0.15)	**-0.54**	(0.16)	-9	(7.2)	-1	(7.0)
United Kingdom (Scotland)	0.24	(0.03)	1.10	(0.08)	**-0.86**	(0.08)	**-61**	(12.5)	**-29**	(14.5)
Non-adjudicated										
Belgium (French Community)	w	w	w	w	w	w	w	w	w	w
Belgium (German-Speaking Community)	w	w	w	w	w	w	w	w	w	w
Finland (Finnish Speaking)	0.25	(0.02)	c	c	c	c	c	c	c	c
Finland (Swedish Speaking)	0.27	(0.04)	0.26	(0.01)	0.01	(0.04)	**32**	(12.4)	**32**	(12.1)
United Kingdom (England)	0.15	(0.02)	0.84	(0.11)	**-0.69**	(0.11)	**-50**	(8.2)	-15	(10.8)
United Kingdom (Northern Ireland)	0.07	(0.02)	c	c	c	c	c	c	c	c
United Kingdom (Wales)	0.13	(0.02)	c	c	c	c	c	c	c	c

Note: Values that are statistically significant are indicated in bold (see Annex A3). See Table 5.4 for national data.
1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.
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[Part 1/1]

Table S5c School choice[1]

Tableau S5c Choix de l'établissement

	Number of schools competing for students in the same area					
	Two or more other schools		One other school		No other schools	
	%	S.E.	%	S.E.	%	S.E.
Adjudicated						
Belgium (Flemish Community)	79.1	(3.0)	14.2	(2.6)	6.7	(1.9)
Italy (Provincia Autonoma of Bolzano)	38.1	(0.4)	27.2	(0.3)	34.7	(0.4)
Italy (Provincia Campania)	77.6	(7.2)	14.2	(5.6)	8.2	(4.8)
Italy (Provincia Basilicata)	69.5	(5.7)	4.8	(3.0)	25.8	(5.0)
Italy (Provincia Emilia Romagna)	67.7	(7.9)	7.8	(3.7)	24.4	(7.3)
Italy (Provincia Friuli Venezia Giulia)	63.4	(5.7)	14.0	(4.4)	22.6	(5.4)
Italy (Provincia Sicilia)	75.1	(6.5)	1.5	(1.5)	23.4	(6.3)
Italy (Provincia Liguria)	68.0	(5.8)	9.8	(4.3)	22.3	(4.1)
Italy (Provincia Lombardia)	59.7	(7.0)	21.8	(6.9)	18.5	(6.5)
Italy (Provincia Piemonte)	71.8	(6.4)	8.6	(4.3)	19.5	(4.8)
Italy (Provincia Trento)	62.2	(0.8)	17.9	(0.3)	19.9	(0.9)
Italy (Provincia Sardegna)	68.4	(7.0)	12.1	(4.2)	19.5	(6.2)
Italy (Provincia Puglia)	70.0	(7.3)	16.4	(5.4)	13.6	(5.4)
Italy (Provincia Veneto)	77.3	(5.1)	10.3	(3.9)	12.4	(5.3)
Spain (Andalusia)	58.0	(6.6)	14.5	(5.1)	27.5	(6.9)
Spain (Basque Country)	81.5	(3.0)	15.7	(2.9)	2.7	(1.3)
Spain (Cantabria)	68.0	(7.2)	24.9	(6.7)	7.1	(3.1)
Spain (Galicia)	56.0	(5.6)	21.1	(5.7)	22.9	(6.2)
Spain (La Rioja)	74.3	(0.4)	20.9	(0.3)	4.8	(0.2)
Spain (Castile and Leon)	69.8	(6.7)	15.9	(5.2)	14.4	(5.1)
Spain (Navarre)	69.7	(4.7)	10.1	(2.7)	20.2	(4.2)
Spain (Aragon)	66.4	(7.5)	19.3	(6.5)	14.3	(4.9)
Spain (Catalonia)	63.8	(5.8)	22.1	(6.0)	14.1	(5.2)
Spain (Asturias)	57.6	(5.8)	30.6	(5.8)	11.8	(4.5)
United Kingdom (Scotland)	45.5	(5.6)	18.4	(4.3)	36.1	(5.1)
Non-adjudicated						
Belgium (French Community)	62.4	(5.3)	24.9	(5.0)	12.8	(3.9)
Belgium (German-Speaking Community)	73.1	(0.2)	a	a	26.9	(0.2)
Finland (Finnish Speaking)	42.4	(4.4)	15.6	(2.9)	42.0	(3.9)
Finland (Swedish Speaking)	1.5	(0.6)	14.0	(14.2)	84.5	(14.3)
United Kingdom (England)	87.7	(2.8)	7.7	(2.2)	4.6	(1.7)
United Kingdom (Northern Ireland)	90.4	(2.5)	3.6	(1.8)	6.0	(1.8)
United Kingdom (Wales)	69.8	(4.0)	14.1	(3.1)	16.1	(2.9)

Note: See Table 5.5 for national data.
1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.
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[Part 1/1]

Table S5d School accountability to parents and parental expectation for high academic standards[1]

Tableau S5d Responsabilité des établissements à l'égard des parents et pressions parentales en faveur de performances scolaires élevées

	Percentage of students in schools where the principal reported that the school provided information to parents on student performance relative to						Parental expectations are characterised by pressure on the school to achieve high academic standards among students from					
	Other students in the same school		Other students in other schools		National or regional benchmarks		Many parents		A minority of parents		Very few parents	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
Adjudicated												
Belgium (Flemish Community)	54.1	(4.2)	0.4	(0.3)	0.3	(0.3)	9.1	(2.1)	36.2	(3.6)	54.6	(3.8)
Italy (Provincia Autonoma of Bolzano)	30.9	(0.3)	22.5	(0.3)	21.2	(0.3)	13.4	(0.2)	54.2	(0.6)	32.4	(0.5)
Italy (Provincia Campania)	29.5	(7.3)	15.8	(6.5)	16.6	(5.7)	34.1	(5.7)	47.3	(6.7)	18.5	(5.6)
Italy (Provincia Basilicata)	18.7	(4.9)	2.9	(0.1)	21.8	(4.2)	15.7	(3.9)	59.0	(6.2)	25.3	(4.8)
Italy (Provincia Emilia Romagna)	15.4	(5.2)	2.9	(1.8)	19.2	(6.6)	36.3	(5.6)	48.7	(6.6)	15.1	(5.1)
Italy (Provincia Friuli Venezia Giulia)	8.8	(3.3)	4.9	(2.0)	11.7	(3.0)	15.1	(3.7)	62.3	(6.0)	22.6	(5.0)
Italy (Provincia Sicilia)	16.3	(6.5)	14.1	(5.3)	16.4	(5.8)	26.1	(7.1)	58.9	(7.4)	15.0	(4.7)
Italy (Provincia Liguria)	24.6	(6.6)	8.8	(4.2)	16.7	(5.6)	23.2	(3.0)	63.0	(4.5)	13.8	(4.4)
Italy (Provincia Lombardia)	11.6	(5.1)	8.1	(4.1)	25.6	(6.9)	13.1	(3.9)	57.2	(6.9)	29.7	(6.7)
Italy (Provincia Piemonte)	13.4	(5.7)	4.8	(3.5)	17.5	(5.9)	18.5	(5.9)	69.9	(7.8)	11.6	(4.9)
Italy (Provincia Trento)	10.7	(1.1)	6.7	(1.1)	40.6	(0.7)	7.8	(0.2)	64.8	(0.8)	27.4	(0.9)
Italy (Provincia Sardegna)	5.8	(3.1)	4.9	(3.1)	8.0	(3.6)	28.4	(6.5)	39.6	(6.3)	32.0	(5.8)
Italy (Provincia Puglia)	29.3	(6.1)	6.5	(3.1)	14.1	(4.6)	20.8	(6.2)	55.7	(7.5)	23.5	(6.2)
Italy (Provincia Veneto)	19.1	(6.1)	18.5	(5.7)	25.3	(6.8)	22.2	(4.8)	57.6	(8.0)	20.2	(7.0)
Spain (Andalusia)	58.8	(6.9)	6.4	(3.8)	6.2	(3.4)	4.7	(2.7)	28.4	(5.9)	66.9	(6.0)
Spain (Basque Country)	38.6	(3.9)	14.7	(2.9)	14.8	(3.1)	12.3	(2.5)	33.8	(3.8)	53.9	(4.0)
Spain (Cantabria)	47.1	(7.7)	18.9	(5.7)	18.1	(5.5)	2.1	(2.0)	21.8	(4.8)	76.1	(5.2)
Spain (Galicia)	41.8	(5.9)	7.2	(3.4)	5.9	(3.2)	3.2	(2.2)	22.0	(6.2)	74.8	(6.6)
Spain (La Rioja)	38.0	(0.4)	4.1	(0.1)	4.3	(0.1)	4.2	(0.2)	31.8	(0.6)	64.0	(0.6)
Spain (Castile and Leon)	57.3	(8.6)	6.6	(3.7)	9.3	(4.1)	a	a	24.2	(4.4)	75.8	(4.4)
Spain (Navarre)	42.2	(4.1)	14.0	(2.9)	18.2	(3.3)	12.3	(3.1)	34.8	(4.1)	52.9	(4.4)
Spain (Aragon)	44.0	(7.2)	3.7	(0.4)	6.0	(3.5)	5.5	(3.9)	34.9	(6.4)	59.6	(5.5)
Spain (Catalonia)	23.3	(6.1)	5.0	(3.0)	2.7	(2.0)	16.8	(4.5)	37.8	(5.3)	45.4	(6.3)
Spain (Asturias)	32.1	(6.4)	2.7	(1.6)	8.7	(3.9)	5.7	(3.3)	31.4	(6.9)	63.0	(7.6)
United Kingdom (Scotland)	33.3	(4.8)	37.2	(5.5)	79.8	(4.4)	30.3	(4.6)	55.4	(5.6)	14.4	(4.2)
Non-adjudicated												
Belgium (French Community)	10.0	(3.1)	1.4	(1.4)	32.6	(4.8)	7.7	(2.9)	28.9	(5.0)	63.4	(5.3)
Belgium (German-Speaking Community)	28.5	(0.2)	a	a	a	a	a	a	28.5	(0.2)	71.5	(0.2)
Finland (Finnish Speaking)	15.0	(3.2)	16.0	(3.1)	46.0	(4.5)	1.4	(1.0)	16.6	(3.4)	82.0	(3.5)
Finland (Swedish Speaking)	22.6	(14.7)	21.6	(14.7)	69.7	(18.2)	1.5	(0.6)	85.2	(13.3)	13.3	(13.3)
United Kingdom (England)	54.9	(3.7)	36.9	(3.7)	81.5	(3.0)	38.8	(3.4)	50.2	(3.3)	11.0	(2.0)
United Kingdom (Northern Ireland)	78.0	(3.7)	23.4	(3.2)	56.1	(4.3)	43.9	(4.5)	38.7	(4.4)	17.5	(3.7)
United Kingdom (Wales)	66.4	(4.2)	32.5	(4.2)	75.8	(3.6)	26.6	(3.8)	57.9	(4.8)	15.5	(3.4)

Note: See Tables 5.6 and 5.9 for national data.
1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.
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[Part 1/1]

Table S5e Use of achievement data for accountability purposes[1]

Tableau S5e Usage des résultats scolaires aux fins de responsabilisation

	Percentage of students in schools where the principal reported that achievement data are									
	Posted publicly		Used in evaluation of the principal's performance		Used in evaluation of teachers' performance		Used in decisions about instructional resource allocation to the school		Tracked over time by an administrative authority	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
Adjudicated										
Belgium (Flemish Community)	4.3	(1.3)	7.2	(2.3)	15.2	(3.0)	4.5	(1.7)	72.2	(3.5)
Italy (Provincia Autonoma of Bolzano)	11.3	(0.5)	20.1	(0.7)	8.0	(0.1)	21.3	(0.5)	52.5	(0.6)
Italy (Provincia Campania)	28.0	(6.6)	36.7	(6.4)	27.6	(4.3)	58.9	(6.6)	25.5	(6.7)
Italy (Provincia Basilicata)	21.4	(3.6)	25.9	(6.8)	29.4	(6.5)	60.4	(5.9)	19.4	(4.7)
Italy (Provincia Emilia Romagna)	56.8	(8.3)	18.0	(6.0)	15.3	(6.1)	48.8	(7.6)	29.3	(6.0)
Italy (Provincia Friuli Venezia Giulia)	49.4	(5.0)	9.3	(4.1)	12.4	(4.1)	48.6	(5.6)	19.9	(5.0)
Italy (Provincia Sicilia)	19.3	(6.4)	24.4	(5.0)	20.1	(5.8)	65.9	(7.0)	14.3	(5.6)
Italy (Provincia Liguria)	47.6	(6.1)	17.2	(5.0)	22.8	(7.0)	62.8	(6.4)	26.2	(5.6)
Italy (Provincia Lombardia)	36.1	(6.1)	28.3	(7.1)	34.7	(6.9)	52.7	(7.7)	26.3	(6.3)
Italy (Provincia Piemonte)	37.2	(7.5)	14.8	(5.2)	24.6	(6.5)	44.1	(7.8)	19.7	(5.8)
Italy (Provincia Trento)	41.3	(0.8)	51.5	(0.6)	15.0	(0.3)	46.2	(0.6)	50.6	(0.6)
Italy (Provincia Sardegna)	23.9	(6.0)	21.7	(6.9)	17.8	(5.6)	43.7	(8.2)	23.2	(6.3)
Italy (Provincia Puglia)	22.7	(6.8)	10.1	(3.9)	20.2	(5.4)	51.9	(7.1)	31.7	(6.6)
Italy (Provincia Veneto)	43.5	(7.9)	18.1	(5.9)	22.8	(5.4)	67.8	(8.7)	17.1	(6.3)
Spain (Andalusia)	5.8	(3.0)	6.5	(3.4)	42.3	(7.9)	31.5	(7.1)	49.1	(5.9)
Spain (Basque Country)	13.8	(2.5)	11.2	(2.5)	48.1	(2.9)	61.9	(3.9)	75.3	(3.6)
Spain (Cantabria)	9.9	(2.6)	9.1	(3.6)	47.6	(8.0)	44.7	(6.1)	77.6	(5.6)
Spain (Galicia)	5.7	(3.4)	7.0	(3.5)	31.7	(6.3)	27.6	(4.6)	54.0	(6.9)
Spain (La Rioja)	10.0	(0.3)	1.2	(0.1)	26.2	(0.5)	32.4	(0.4)	40.5	(0.5)
Spain (Castile and Leon)	7.9	(4.5)	3.8	(2.8)	34.3	(6.4)	17.1	(4.5)	67.9	(5.6)
Spain (Navarre)	12.4	(3.4)	6.1	(2.7)	24.1	(5.7)	38.3	(3.6)	80.4	(3.9)
Spain (Aragon)	1.6	(1.7)	4.5	(3.2)	29.2	(4.8)	40.6	(6.7)	68.7	(6.3)
Spain (Catalonia)	7.9	(4.0)	25.3	(6.8)	57.9	(5.9)	58.4	(7.0)	80.0	(5.0)
Spain (Asturias)	5.9	(3.1)	15.5	(2.9)	41.8	(5.0)	29.8	(6.7)	73.9	(5.2)
United Kingdom (Scotland)	82.2	(4.5)	65.4	(5.6)	72.9	(5.2)	41.4	(5.4)	98.6	(1.5)
Non-adjudicated										
Belgium (French Community)	5.9	(2.8)	6.0	(2.7)	13.9	(3.7)	49.4	(5.2)	35.8	(5.8)
Belgium (German-Speaking Community)	a	a	3.7	(0.0)	a	a	9.0	(0.1)	8.6	(0.0)
Finland (Finnish Speaking)	4.4	(1.5)	3.1	(1.4)	13.9	(2.9)	7.3	(2.2)	56.6	(4.2)
Finland (Swedish Speaking)	5.8	(6.3)	a	a	12.7	(12.5)	5.8	(6.3)	5.8	(6.3)
United Kingdom (England)	95.2	(1.8)	94.3	(1.6)	96.7	(1.5)	66.8	(4.4)	91.9	(1.8)
United Kingdom (Northern Ireland)	80.9	(3.5)	63.8	(4.5)	63.0	(4.3)	41.1	(3.9)	81.8	(3.6)
United Kingdom (Wales)	74.5	(3.5)	93.5	(2.3)	93.8	(2.3)	53.7	(4.1)	98.3	(1.3)

Note: See Table 5.8 for national data.
1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.
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[Part 1/2]

Table S5f Index of teacher shortage and student performance on the science scale, by quarters of the index[1]

Tableau S5f Indice de pénurie d'enseignants et performance des élèves sur l'échelle de culture scientifique, par quartile de l'indice

	Index of teacher shortage									
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter	
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
Adjudicated										
Belgium (Flemish Community)	0.00	(0.07)	-1.06	(0.00)	-0.44	(0.05)	0.40	(0.03)	1.11	(0.05)
Italy (Provincia Autonoma of Bolzano)	0.48	(0.01)	-0.60	(0.02)	0.42	(0.01)	0.79	(0.00)	1.32	(0.01)
Italy (Provincia Campania)	c	c	c	c	c	c	c	c	c	c
Italy (Provincia Basilicata)	c	c	c	c	c	c	c	c	c	c
Italy (Provincia Emilia Romagna)	0.24	(0.13)	-1.06	(0.00)	0.02	(0.06)	0.69	(0.04)	1.32	(0.05)
Italy (Provincia Friuli Venezia Giulia)	0.00	(0.11)	-1.06	(0.00)	-0.60	(0.08)	0.41	(0.06)	1.27	(0.08)
Italy (Provincia Sicilia)	0.02	(0.16)	-1.06	(0.00)	-0.67	(0.13)	0.62	(0.05)	1.18	(0.10)
Italy (Provincia Liguria)	-0.13	(0.13)	-1.06	(0.00)	-0.79	(0.09)	0.34	(0.05)	1.00	(0.09)
Italy (Provincia Lombardia)	0.26	(0.17)	-1.01	(0.02)	0.01	(0.08)	0.74	(0.02)	1.30	(0.10)
Italy (Provincia Piemonte)	0.22	(0.12)	-1.06	(0.00)	-0.04	(0.06)	0.67	(0.03)	1.30	(0.11)
Italy (Provincia Trento)	0.57	(0.02)	-0.53	(0.03)	0.55	(0.01)	0.86	(0.00)	1.42	(0.01)
Italy (Provincia Sardegna)	0.07	(0.15)	-1.06	(0.00)	-0.40	(0.09)	0.54	(0.04)	1.20	(0.09)
Italy (Provincia Puglia)	-0.10	(0.14)	-1.06	(0.00)	-0.70	(0.07)	0.40	(0.05)	0.98	(0.10)
Italy (Provincia Veneto)	0.33	(0.13)	-0.73	(0.11)	0.21	(0.04)	0.69	(0.02)	1.15	(0.07)
Spain (Andalusia)	c	c	c	c	c	c	c	c	c	c
Spain (Basque Country)	c	c	c	c	c	c	c	c	c	c
Spain (Cantabria)	c	c	c	c	c	c	c	c	c	c
Spain (Galicia)	c	c	c	c	c	c	c	c	c	c
Spain (La Rioja)	c	c	c	c	c	c	c	c	c	c
Spain (Castile and Leon)	c	c	c	c	c	c	c	c	c	c
Spain (Navarre)	c	c	c	c	c	c	c	c	c	c
Spain (Aragon)	c	c	c	c	c	c	c	c	c	c
Spain (Catalonia)	c	c	c	c	c	c	c	c	c	c
Spain (Asturias)	c	c	c	c	c	c	c	c	c	c
United Kingdom (Scotland)	0.29	(0.11)	-1.04	(0.01)	-0.06	(0.05)	0.65	(0.04)	1.62	(0.09)
Non-adjudicated										
Belgium (French Community)	1.14	(0.10)	-0.01	(0.10)	0.82	(0.03)	1.50	(0.03)	2.24	(0.11)
Belgium (German-Speaking Community)	0.92	(0.00)	0.05	(0.00)	0.77	(0.02)	1.23	(0.00)	1.62	(0.00)
Finland (Finnish Speaking)	-0.31	(0.05)	-1.06	(0.00)	-0.48	(0.03)	-0.15	(0.02)	0.45	(0.05)
Finland (Swedish Speaking)	0.29	(0.19)	-0.42	(0.16)	0.05	(0.10)	0.53	(0.08)	1.02	(0.11)
United Kingdom (England)	0.11	(0.06)	-1.06	(0.00)	-0.31	(0.03)	0.46	(0.02)	1.36	(0.08)
United Kingdom (Northern Ireland)	c	c	c	c	c	c	c	c	c	c
United Kingdom (Wales)	c	c	c	c	c	c	c	c	c	c

	Performance on the science scale by quarters of the index of teacher shortage							
	Bottom quarter		Second quarter		Third quarter		Top quarter	
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
Adjudicated								
Belgium (Flemish Community)	**550**	(7.8)	530	(7.4)	522	(11.3)	**519**	(8.2)
Italy (Provincia Autonoma of Bolzano)	519	(4.2)	517	(4.2)	549	(3.4)	520	(4.9)
Italy (Provincia Campania)	c	c	c	c	c	c	c	c
Italy (Provincia Basilicata)	c	c	c	c	c	c	c	c
Italy (Provincia Emilia Romagna)	519	(16.3)	491	(17.0)	519	(16.2)	512	(15.0)
Italy (Provincia Friuli Venezia Giulia)	**514**	(8.2)	521	(6.9)	556	(11.7)	**550**	(8.2)
Italy (Provincia Sicilia)	401	(14.7)	413	(15.1)	473	(17.9)	446	(18.7)
Italy (Provincia Liguria)	496	(10.7)	490	(12.4)	480	(16.1)	486	(11.9)
Italy (Provincia Lombardia)	507	(19.9)	485	(16.2)	505	(11.7)	486	(23.9)
Italy (Provincia Piemonte)	506	(12.7)	493	(18.4)	535	(15.2)	501	(17.9)
Italy (Provincia Trento)	**487**	(5.5)	532	(5.1)	539	(4.3)	**529**	(3.9)
Italy (Provincia Sardegna)	439	(12.7)	458	(17.7)	455	(9.3)	443	(15.7)
Italy (Provincia Puglia)	433	(9.5)	437	(11.8)	474	(7.5)	448	(13.7)
Italy (Provincia Veneto)	509	(14.8)	522	(12.9)	522	(15.2)	547	(17.5)
Spain (Andalusia)	c	c	c	c	c	c	c	c
Spain (Basque Country)	c	c	c	c	c	c	c	c
Spain (Cantabria)	c	c	c	c	c	c	c	c
Spain (Galicia)	c	c	c	c	c	c	c	c
Spain (La Rioja)	c	c	c	c	c	c	c	c
Spain (Castile and Leon)	c	c	c	c	c	c	c	c
Spain (Navarre)	c	c	c	c	c	c	c	c
Spain (Aragon)	c	c	c	c	c	c	c	c
Spain (Catalonia)	c	c	c	c	c	c	c	c
Spain (Asturias)	c	c	c	c	c	c	c	c
United Kingdom (Scotland)	**529**	(10.0)	519	(7.9)	516	(9.2)	**500**	(8.7)
Non-adjudicated								
Belgium (French Community)	**505**	(12.6)	499	(13.3)	486	(11.0)	**461**	(13.6)
Belgium (German-Speaking Community)	554	(5.8)	523	(6.0)	444	(6.2)	543	(6.0)
Finland (Finnish Speaking)	571	(3.6)	561	(4.3)	563	(3.9)	564	(4.3)
Finland (Swedish Speaking)	524	(13.5)	530	(18.4)	531	(7.6)	537	(9.7)
United Kingdom (England)	**528**	(10.1)	529	(6.7)	513	(7.3)	**502**	(6.6)
United Kingdom (Northern Ireland)	c	c	c	c	c	c	c	c
United Kingdom (Wales)	c	c	c	c	c	c	c	c

Note: Values that are statistically significant are indicated in bold (see Annex A3). See Table 5.14 for national data.
1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.
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[Part 2/2]

Table S5f Index of teacher shortage and student performance on the science scale, by quarters of the index[1]

Tableau S5f Indice de pénurie d'enseignants et performance des élèves sur l'échelle de culture scientifique, par quartile de l'indice

	Change in the science score per unit of the index of teacher shortage		Increased likelihood of students in the top quarter of this index scoring in the bottom quarter of the science performance distribution		Explained variance in student performance (r-squared X 100)	
	Effect	S.E.	Ratio	S.E.	%	S.E.
Adjudicated						
Belgium (Flemish Community)	**-14.1**	(5.95)	**0.7**	(0.15)	1.8	(1.52)
Italy (Provincia Autonoma of Bolzano)	-1.0	(2.60)	1.1	(0.13)	0.0	(0.06)
Italy (Provincia Campania)	c	c	c	c	c	c
Italy (Provincia Basilicata)	c	c	c	c	c	c
Italy (Provincia Emilia Romagna)	1.1	(10.16)	0.8	(0.27)	0.0	(0.76)
Italy (Provincia Friuli Venezia Giulia)	**16.2**	(4.52)	1.4	(0.30)	3.4	(1.84)
Italy (Provincia Sicilia)	**26.7**	(10.28)	1.6	(0.40)	6.8	(4.84)
Italy (Provincia Liguria)	-6.5	(8.31)	0.9	(0.22)	0.4	(0.98)
Italy (Provincia Lombardia)	-8.0	(14.06)	0.9	(0.36)	0.6	(2.27)
Italy (Provincia Piemonte)	2.4	(8.73)	1.0	(0.28)	0.1	(0.70)
Italy (Provincia Trento)	**23.8**	(3.90)	**2.1**	(0.15)	4.1	(1.20)
Italy (Provincia Sardegna)	1.7	(10.09)	1.3	(0.33)	0.0	(0.93)
Italy (Provincia Puglia)	9.2	(8.84)	1.3	(0.26)	0.9	(1.82)
Italy (Provincia Veneto)	19.5	(13.11)	1.3	(0.40)	2.7	(3.73)
Spain (Andalusia)	c	c	c	c	c	c
Spain (Basque Country)	c	c	c	c	c	c
Spain (Cantabria)	c	c	c	c	c	c
Spain (Galicia)	c	c	c	c	c	c
Spain (La Rioja)	c	c	c	c	c	c
Spain (Castile and Leon)	c	c	c	c	c	c
Spain (Navarre)	c	c	c	c	c	c
Spain (Aragon)	c	c	c	c	c	c
Spain (Catalonia)	c	c	c	c	c	c
Spain (Asturias)	c	c	c	c	c	c
United Kingdom (Scotland)	**-11.5**	(5.17)	0.8	(0.13)	1.4	(1.24)
Non-adjudicated						
Belgium (French Community)	**-23.5**	(7.03)	0.7	(0.19)	4.6	(2.82)
Belgium (German-Speaking Community)	**-26.7**	(4.80)	**0.5**	(0.09)	2.9	(0.97)
Finland (Finnish Speaking)	-6.1	(3.57)	0.9	(0.08)	0.2	(0.23)
Finland (Swedish Speaking)	9.4	(8.65)	1.2	(0.31)	0.4	(0.91)
United Kingdom (England)	**-12.4**	(4.39)	0.9	(0.13)	1.3	(0.90)
United Kingdom (Northern Ireland)	c	c	c	c	c	c
United Kingdom (Wales)	c	c	c	c	c	c

Note: Values that are statistically significant are indicated in bold (see Annex A3). See Table 5.14 for national data.
1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.
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[Part 1/2]

Table S5g School principals' perceptions of the quality of the schools' educational resources and student performance on the science scale, by quarters of the index[1]

Tableau S5g Qualité des moyens éducatifs selon l'avis du chef d'établissement et performance des élèves sur l'échelle de culture scientifique, par quartile de l'indice

	Index of the quality of the schools' educational resources									
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter	
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
Adjudicated										
Belgium (Flemish Community)	0.07	(0.06)	-0.91	(0.05)	-0.23	(0.02)	0.24	(0.02)	1.18	(0.09)
Italy (Provincia Autonoma of Bolzano)	0.50	(0.01)	-0.68	(0.01)	0.08	(0.00)	0.67	(0.01)	1.95	(0.01)
Italy (Provincia Campania)	-0.01	(0.16)	-1.30	(0.09)	-0.49	(0.06)	0.19	(0.04)	1.57	(0.18)
Italy (Provincia Basilicata)	-0.08	(0.10)	-1.22	(0.07)	-0.40	(0.07)	0.14	(0.04)	1.17	(0.08)
Italy (Provincia Emilia Romagna)	0.23	(0.10)	-0.76	(0.03)	-0.23	(0.04)	0.31	(0.04)	1.62	(0.14)
Italy (Provincia Friuli Venezia Giulia)	0.12	(0.15)	-1.10	(0.08)	-0.39	(0.02)	0.23	(0.05)	1.75	(0.09)
Italy (Provincia Sicilia)	0.01	(0.14)	-1.05	(0.14)	-0.36	(0.05)	0.10	(0.04)	1.35	(0.21)
Italy (Provincia Liguria)	0.25	(0.14)	-0.66	(0.07)	-0.16	(0.02)	0.25	(0.03)	1.56	(0.11)
Italy (Provincia Lombardia)	0.44	(0.11)	-0.54	(0.10)	0.19	(0.03)	0.56	(0.04)	1.55	(0.14)
Italy (Provincia Piemonte)	0.17	(0.12)	-0.83	(0.09)	-0.25	(0.05)	0.58	(0.04)	1.21	(0.10)
Italy (Provincia Trento)	0.53	(0.01)	-0.48	(0.02)	0.13	(0.00)	0.77	(0.01)	1.70	(0.01)
Italy (Provincia Sardegna)	-0.24	(0.09)	-1.29	(0.07)	-0.57	(0.03)	0.04	(0.04)	0.84	(0.14)
Italy (Provincia Puglia)	0.13	(0.17)	-1.01	(0.16)	-0.37	(0.03)	0.22	(0.07)	1.66	(0.19)
Italy (Provincia Veneto)	0.23	(0.12)	-0.80	(0.09)	-0.12	(0.04)	0.40	(0.05)	1.45	(0.18)
Spain (Andalusia)	-0.39	(0.12)	-1.65	(0.14)	-0.61	(0.04)	-0.10	(0.04)	0.81	(0.21)
Spain (Basque Country)	0.09	(0.07)	-1.04	(0.06)	-0.20	(0.03)	0.35	(0.02)	1.24	(0.09)
Spain (Cantabria)	0.00	(0.11)	-0.83	(0.07)	-0.26	(0.04)	-0.02	(0.02)	1.14	(0.15)
Spain (Galicia)	-0.21	(0.14)	-1.22	(0.11)	-0.53	(0.03)	-0.09	(0.03)	1.01	(0.20)
Spain (La Rioja)	0.17	(0.01)	-0.81	(0.01)	-0.22	(0.01)	0.40	(0.01)	1.34	(0.02)
Spain (Castile and Leon)	0.21	(0.13)	-0.83	(0.13)	-0.22	(0.02)	0.32	(0.05)	1.57	(0.19)
Spain (Navarre)	0.24	(0.10)	-0.83	(0.09)	-0.03	(0.02)	0.36	(0.02)	1.45	(0.12)
Spain (Aragon)	0.22	(0.11)	-0.82	(0.09)	-0.12	(0.04)	0.42	(0.06)	1.40	(0.17)
Spain (Catalonia)	0.23	(0.16)	-0.89	(0.08)	-0.30	(0.06)	0.45	(0.04)	1.68	(0.18)
Spain (Asturias)	0.15	(0.12)	-0.89	(0.14)	-0.21	(0.04)	0.32	(0.04)	1.38	(0.14)
United Kingdom (Scotland)	0.58	(0.11)	-0.62	(0.08)	0.08	(0.03)	0.92	(0.06)	1.94	(0.06)
Non-adjudicated										
Belgium (French Community)	-0.16	(0.10)	-1.19	(0.06)	-0.60	(0.02)	-0.12	(0.04)	1.28	(0.14)
Belgium (German-Speaking Community)	-0.53	(0.00)	-1.12	(0.01)	-0.62	(0.00)	-0.34	(0.01)	-0.06	(0.01)
Finland (Finnish Speaking)	-0.23	(0.06)	-1.22	(0.07)	-0.46	(0.03)	-0.01	(0.01)	0.78	(0.11)
Finland (Swedish Speaking)	-0.17	(0.26)	-1.07	(0.33)	-0.33	(0.06)	0.23	(0.12)	0.49	(0.02)
United Kingdom (England)	0.26	(0.09)	-0.97	(0.06)	-0.22	(0.03)	0.52	(0.03)	1.73	(0.06)
United Kingdom (Northern Ireland)	0.38	(0.09)	-0.77	(0.04)	-0.19	(0.02)	0.47	(0.05)	2.01	(0.04)
United Kingdom (Wales)	-0.12	(0.08)	-1.17	(0.06)	-0.53	(0.03)	0.01	(0.03)	1.20	(0.11)

Note: See Table 5.15 for national data.
1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.
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[Part 2/2]

Table S5g School principals' perception of the quality of the schools' educational resources and student performance on the science scale, by quarters of the index[1]

Tableau S5g Qualité des moyens éducatifs selon l'avis du chef d'établissement et performance des élèves sur l'échelle de culture scientifique, par quartile de l'indice

	Performance on the science scale by quarters of this index								Change in the science score per unit of this index		Increased likelihood of students in the top quarter of this index scoring in the bottom quarter of the science performance distribution		Explained variance in student performance (r-squared X 100)	
	Bottom quarter		Second quarter		Third quarter		Top quarter							
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Effect	S.E.	Ratio	S.E.	%	S.E.
Adjudicated														
Belgium (Flemish Community)	532	(8.8)	542	(9.1)	536	(13.1)	508	(9.7)	**-11.4**	(5.65)	0.9	(0.19)	1.1	(1.10)
Italy (Provincia Autonoma of Bolzano)	516	(5.0)	534	(4.0)	529	(3.6)	524	(4.5)	-1.3	(2.13)	1.2	(0.13)	0.0	(0.09)
Italy (Provincia Campania)	**403**	(9.9)	445	(14.0)	460	(8.5)	**462**	(15.1)	**18.6**	(6.24)	**2.0**	(0.43)	6.4	(4.16)
Italy (Provincia Basilicata)	451	(13.1)	427	(12.1)	479	(13.8)	448	(10.8)	3.1	(5.97)	1.0	(0.29)	0.1	(0.62)
Italy (Provincia Emilia Romagna)	487	(19.4)	492	(13.2)	531	(10.6)	528	(9.2)	**18.6**	(5.77)	1.8	(0.49)	3.3	(1.95)
Italy (Provincia Friuli Venezia Giulia)	533	(14.1)	512	(6.0)	537	(9.9)	559	(9.9)	10.2	(5.70)	1.0	(0.32)	1.8	(2.05)
Italy (Provincia Sicilia)	**455**	(15.0)	435	(20.0)	428	(18.6)	**416**	(11.8)	-9.7	(6.43)	0.7	(0.19)	0.9	(1.10)
Italy (Provincia Liguria)	467	(15.9)	517	(12.3)	492	(7.2)	476	(13.8)	0.6	(8.98)	1.7	(0.36)	0.0	(0.55)
Italy (Provincia Lombardia)	498	(16.6)	486	(18.0)	475	(16.8)	524	(13.8)	15.2	(9.32)	1.0	(0.34)	1.7	(2.11)
Italy (Provincia Piemonte)	493	(18.0)	519	(16.6)	511	(15.1)	511	(11.9)	4.9	(11.75)	1.5	(0.51)	0.2	(1.34)
Italy (Provincia Trento)	508	(5.8)	543	(3.9)	516	(3.6)	520	(3.8)	1.3	(2.28)	**1.6**	(0.13)	0.0	(0.08)
Italy (Provincia Sardegna)	422	(19.4)	472	(16.1)	447	(15.6)	447	(13.6)	7.9	(9.55)	1.7	(0.57)	0.5	(1.24)
Italy (Provincia Puglia)	450	(13.4)	444	(12.2)	449	(12.7)	447	(12.5)	0.8	(7.11)	1.0	(0.33)	0.0	(0.67)
Italy (Provincia Veneto)	526	(17.0)	539	(13.5)	514	(17.6)	520	(16.8)	1.9	(10.28)	1.0	(0.30)	0.1	(0.77)
Spain (Andalusia)	487	(8.7)	452	(7.5)	480	(6.8)	476	(8.0)	1.7	(3.41)	0.8	(0.17)	0.0	(0.20)
Spain (Basque Country)	486	(7.2)	500	(5.4)	504	(8.9)	488	(6.2)	0.4	(3.72)	1.2	(0.17)	0.0	(0.13)
Spain (Cantabria)	515	(8.1)	513	(7.8)	502	(7.5)	508	(7.4)	-2.2	(4.47)	0.9	(0.16)	0.0	(0.19)
Spain (Galicia)	501	(5.6)	506	(7.3)	503	(7.8)	509	(10.5)	-0.7	(5.27)	1.1	(0.12)	0.0	(0.27)
Spain (La Rioja)	527	(6.2)	521	(6.1)	517	(5.2)	513	(5.0)	-6.1	(3.17)	0.9	(0.15)	0.4	(0.37)
Spain (Castile and Leon)	526	(6.2)	525	(10.4)	520	(7.8)	509	(6.4)	**-6.8**	(3.31)	0.8	(0.16)	0.7	(0.70)
Spain (Navarre)	499	(9.1)	524	(7.6)	508	(7.5)	514	(7.2)	3.5	(4.32)	1.3	(0.25)	0.1	(0.36)
Spain (Aragon)	509	(10.5)	514	(8.0)	515	(8.1)	520	(8.7)	6.4	(5.26)	1.1	(0.24)	0.4	(0.68)
Spain (Catalonia)	**470**	(9.8)	487	(10.7)	492	(11.6)	**515**	(13.6)	**13.0**	(5.91)	1.4	(0.30)	2.2	(1.96)
Spain (Asturias)	495	(12.2)	506	(7.6)	516	(8.8)	518	(8.8)	6.7	(6.23)	1.3	(0.29)	0.5	(0.98)
United Kingdom (Scotland)	510	(6.8)	514	(9.6)	511	(10.1)	529	(9.7)	5.7	(4.59)	1.1	(0.15)	0.3	(0.52)
Non-adjudicated														
Belgium (French Community)	490	(11.3)	472	(15.2)	485	(12.1)	495	(13.3)	4.4	(6.18)	0.8	(0.16)	0.2	(0.57)
Belgium (German-Speaking Community)	**530**	(6.0)	553	(6.2)	539	(5.9)	**442**	(6.7)	**-74.2**	(5.74)	**0.6**	(0.12)	10.8	(1.54)
Finland (Finnish Speaking)	571	(4.2)	560	(3.6)	562	(3.7)	566	(4.8)	-1.4	(3.15)	0.8	(0.08)	0.0	(0.10)
Finland (Swedish Speaking)	532	(11.4)	523	(13.8)	530	(14.0)	538	(10.3)	2.9	(7.66)	0.9	(0.29)	0.1	(0.41)
United Kingdom (England)	**507**	(6.5)	514	(5.7)	518	(6.6)	**533**	(9.0)	**9.6**	(4.27)	1.2	(0.13)	0.9	(0.83)
United Kingdom (Northern Ireland)	**480**	(12.0)	500	(13.0)	532	(12.5)	**534**	(10.2)	**19.4**	(5.72)	1.6	(0.29)	3.4	(1.89)
United Kingdom (Wales)	502	(7.3)	507	(5.7)	508	(7.2)	506	(8.1)	1.8	(4.58)	1.1	(0.14)	0.0	(0.23)

Note: Values that are statistically significant are indicated in bold (see Annex A3). See Table 5.15 for national data.
1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.
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[Part 1/1]

Table S5h Percentage of students taking various science courses[1]

Tableau S5h Pourcentage d'élèves par matière scientifique

	All students															
	General science courses				Biology courses				Physics courses				Chemistry courses			
	Compulsory		Optional		Compulsory		Optional		Compulsory		Optional		Compulsory		Optional	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
Adjudicated																
Belgium (Flemish Community)	45.4	(1.4)	8.3	(0.5)	63.1	(1.7)	9.6	(0.5)	74.2	(1.0)	11.5	(0.5)	68.9	(1.2)	10.1	(0.5)
Italy (Provincia Autonoma of Bolzano)	58.6	(1.1)	m	m	66.4	(0.9)	m	m	49.5	(0.8)	m	m	45.4	(1.0)	m	m
Italy (Provincia Campania)	48.1	(3.3)	m	m	68.5	(4.9)	m	m	49.7	(3.8)	m	m	43.0	(3.6)	m	m
Italy (Provincia Basilicata)	56.0	(2.4)	m	m	62.3	(3.7)	m	m	51.2	(3.8)	m	m	46.9	(2.7)	m	m
Italy (Provincia Emilia Romagna)	47.9	(3.2)	m	m	68.4	(3.3)	m	m	55.1	(3.8)	m	m	55.4	(2.9)	m	m
Italy (Provincia Friuli Venezia Giulia)	60.4	(3.5)	m	m	65.7	(2.7)	m	m	48.1	(4.0)	m	m	45.5	(2.8)	m	m
Italy (Provincia Sicilia)	57.9	(3.0)	m	m	69.7	(3.5)	m	m	50.3	(4.6)	m	m	40.9	(3.7)	m	m
Italy (Provincia Liguria)	54.1	(3.9)	m	m	53.1	(4.0)	m	m	46.3	(4.0)	m	m	44.4	(3.4)	m	m
Italy (Provincia Lombardia)	57.5	(3.6)	m	m	62.9	(3.3)	m	m	53.4	(3.3)	m	m	52.8	(3.4)	m	m
Italy (Provincia Piemonte)	61.3	(4.1)	m	m	65.8	(4.3)	m	m	47.6	(3.2)	m	m	50.6	(3.5)	m	m
Italy (Provincia Trento)	51.2	(1.1)	m	m	62.7	(1.1)	m	m	48.2	(1.1)	m	m	44.5	(0.9)	m	m
Italy (Provincia Sardegna)	51.7	(3.2)	m	m	52.7	(4.8)	m	m	45.6	(4.2)	m	m	42.0	(3.9)	m	m
Italy (Provincia Puglia)	53.7	(2.9)	m	m	62.6	(2.6)	m	m	50.9	(3.1)	m	m	48.5	(2.7)	m	m
Italy (Provincia Veneto)	55.6	(2.6)	m	m	70.5	(3.2)	m	m	46.5	(3.0)	m	m	50.0	(3.5)	m	m
Spain (Andalusia)	59.4	(2.2)	29.1	(2.0)	63.8	(2.2)	32.3	(1.8)	63.7	(1.5)	32.3	(2.0)	60.7	(1.5)	30.5	(1.9)
Spain (Basque Country)	49.2	(1.9)	33.6	(1.6)	37.5	(2.3)	38.4	(1.8)	51.0	(2.2)	46.1	(1.6)	49.2	(2.2)	44.2	(1.7)
Spain (Cantabria)	56.9	(1.5)	30.1	(1.3)	64.8	(2.0)	38.4	(1.3)	62.9	(2.2)	41.5	(1.7)	60.9	(2.2)	40.4	(1.6)
Spain (Galicia)	53.6	(1.9)	29.8	(1.5)	60.0	(2.0)	38.5	(2.1)	65.6	(2.3)	36.8	(1.8)	62.5	(2.4)	35.5	(1.8)
Spain (La Rioja)	51.8	(1.3)	34.8	(1.4)	55.9	(1.2)	42.2	(1.5)	60.3	(1.2)	45.0	(1.5)	58.2	(1.4)	42.6	(1.4)
Spain (Castile and Leon)	52.9	(2.1)	35.9	(1.6)	60.5	(2.6)	45.4	(2.1)	63.9	(1.8)	45.5	(1.4)	62.3	(1.9)	44.6	(1.4)
Spain (Navarre)	35.3	(1.5)	12.5	(2.1)	37.4	(2.3)	16.5	(2.0)	37.4	(2.4)	17.3	(2.3)	36.6	(2.3)	16.9	(2.2)
Spain (Aragon)	51.9	(2.4)	38.7	(2.1)	53.0	(2.4)	42.9	(1.7)	57.9	(2.4)	44.4	(2.1)	56.1	(2.3)	43.4	(2.0)
Spain (Catalonia)	82.8	(1.5)	27.9	(1.5)	40.3	(3.1)	12.8	(2.0)	80.8	(1.5)	23.5	(1.4)	75.0	(2.3)	22.4	(2.3)
Spain (Asturias)	53.2	(1.7)	39.9	(2.2)	56.9	(1.8)	45.7	(2.0)	59.5	(1.6)	51.0	(2.0)	58.3	(1.8)	49.6	(2.2)
United Kingdom (Scotland)	35.6	(1.5)	43.6	(1.5)	17.3	(1.1)	37.8	(1.4)	14.9	(0.7)	32.0	(1.2)	15.1	(0.9)	37.1	(1.3)
Non-adjudicated																
Belgium (French Community)	67.9	(2.3)	17.7	(1.1)	25.1	(2.0)	5.9	(1.1)	30.5	(2.6)	12.4	(1.3)	20.8	(2.1)	9.1	(1.0)
Belgium (German-Speaking Community)	41.2	(1.2)	13.8	(1.2)	33.6	(0.9)	3.8	(0.6)	36.2	(1.1)	10.7	(0.8)	29.0	(0.8)	8.8	(0.9)
Finland (Finnish Speaking)	87.1	(0.8)	7.1	(0.7)	95.8	(0.4)	4.5	(0.5)	95.6	(0.4)	4.6	(0.5)	74.0	(1.7)	3.3	(0.4)
Finland (Swedish Speaking)	66.6	(6.2)	8.8	(6.1)	80.5	(5.6)	7.5	(3.2)	75.4	(5.0)	2.6	(0.9)	57.6	(5.0)	13.6	(9.1)
United Kingdom (England)	15.6	(1.0)	13.1	(0.7)	11.9	(0.8)	11.7	(0.8)	18.6	(1.2)	15.3	(0.9)	13.9	(0.9)	13.7	(0.9)
United Kingdom (Northern Ireland)	21.8	(1.1)	18.0	(1.1)	17.8	(1.1)	18.1	(1.1)	27.7	(1.3)	23.3	(1.2)	23.4	(1.3)	23.6	(1.2)
United Kingdom (Wales)	29.0	(1.9)	18.7	(1.1)	27.1	(1.9)	19.1	(1.0)	32.3	(2.0)	22.0	(1.2)	29.3	(1.8)	21.1	(1.2)

Note: See Table 5.16 for national data.
1. Results based on students' self-reports.
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[Part 1/3]

Table S5i Percentage of students, by time spent on learning[1]

Tableau S5i Pourcentage d'élèves par nombre hebdomadaire d'heures d'apprentissage

	Science											
	Regular lessons in school[2]				Out-of-school lessons[2]				Self-study or homework[2]			
	Less than two hours a week		Four hours a week or more		Less than two hours a week		Four hours a week or more		Less than two hours a week		Four hours a week or more	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
Adjudicated												
Belgium (Flemish Community)	48.6	(1.1)	20.7	(0.8)	96.4	(0.4)	0.6	(0.2)	79.8	(0.8)	3.4	(0.3)
Italy (Provincia Autonoma of Bolzano)	37.0	(1.1)	25.6	(0.9)	95.4	(0.5)	1.0	(0.2)	78.4	(1.0)	5.1	(0.6)
Italy (Provincia Campania)	40.8	(2.9)	20.2	(1.9)	86.5	(1.0)	3.3	(0.6)	54.8	(2.5)	15.9	(1.3)
Italy (Provincia Basilicata)	37.0	(2.2)	25.6	(2.0)	85.3	(1.0)	4.3	(0.6)	55.5	(2.0)	15.4	(1.2)
Italy (Provincia Emilia Romagna)	31.7	(2.6)	27.1	(1.6)	92.5	(0.8)	1.5	(0.3)	56.8	(2.5)	13.5	(1.4)
Italy (Provincia Friuli Venezia Giulia)	30.9	(2.2)	26.0	(1.9)	93.3	(0.8)	1.6	(0.4)	59.5	(2.3)	11.1	(1.1)
Italy (Provincia Sicilia)	35.8	(2.5)	25.9	(3.0)	85.2	(1.1)	4.3	(0.6)	50.3	(2.4)	20.1	(2.1)
Italy (Provincia Liguria)	43.1	(3.0)	18.8	(1.6)	91.5	(0.6)	2.2	(0.4)	66.4	(2.3)	10.2	(0.9)
Italy (Provincia Lombardia)	29.4	(2.6)	27.7	(2.3)	93.2	(0.7)	1.2	(0.3)	59.8	(2.3)	10.3	(1.0)
Italy (Provincia Piemonte)	32.1	(3.4)	27.3	(2.6)	92.7	(0.7)	2.2	(0.3)	61.0	(2.3)	12.1	(1.5)
Italy (Provincia Trento)	35.5	(1.4)	25.3	(1.2)	93.6	(0.7)	1.4	(0.3)	62.1	(1.4)	12.5	(1.0)
Italy (Provincia Sardegna)	50.4	(2.9)	15.8	(1.7)	89.7	(0.8)	2.2	(0.4)	68.7	(2.0)	10.5	(1.1)
Italy (Provincia Puglia)	34.5	(2.1)	24.8	(1.7)	87.1	(1.1)	4.3	(0.6)	50.5	(2.1)	16.0	(1.4)
Italy (Provincia Veneto)	30.5	(2.4)	27.8	(1.9)	91.4	(0.8)	1.5	(0.2)	54.8	(2.5)	14.9	(1.5)
Spain (Andalusia)	29.7	(1.9)	26.7	(1.6)	85.9	(1.2)	4.1	(0.6)	64.4	(1.6)	9.8	(0.8)
Spain (Basque Country)	26.4	(1.1)	25.2	(1.2)	87.4	(0.7)	3.1	(0.3)	72.2	(1.1)	5.7	(0.4)
Spain (Cantabria)	25.8	(1.4)	30.6	(1.3)	78.0	(1.2)	8.1	(0.8)	63.7	(1.2)	9.8	(0.9)
Spain (Galicia)	30.1	(1.8)	24.8	(1.6)	82.2	(1.4)	6.6	(0.9)	68.5	(1.5)	8.1	(0.6)
Spain (La Rioja)	23.5	(1.1)	28.9	(1.4)	84.5	(1.0)	3.8	(0.5)	63.5	(1.4)	9.4	(0.9)
Spain (Castile and Leon)	24.5	(1.3)	31.2	(1.7)	86.4	(1.0)	2.6	(0.5)	59.7	(1.5)	11.3	(1.0)
Spain (Navarre)	30.8	(1.2)	43.6	(1.8)	88.6	(0.8)	3.0	(0.5)	64.5	(1.2)	10.8	(1.0)
Spain (Aragon)	26.1	(2.0)	29.9	(1.6)	88.2	(0.7)	3.2	(0.5)	62.4	(1.9)	13.0	(0.9)
Spain (Catalonia)	15.8	(1.3)	19.7	(2.8)	89.4	(0.7)	1.6	(0.3)	69.1	(1.8)	6.9	(0.7)
Spain (Asturias)	29.3	(1.8)	28.6	(1.7)	78.6	(0.8)	9.3	(0.8)	62.7	(1.4)	11.4	(0.8)
United Kingdom (Scotland)	17.5	(1.2)	32.0	(1.6)	92.5	(0.5)	0.8	(0.2)	75.7	(1.2)	5.0	(0.6)
Non-adjudicated												
Belgium (French Community)	33.6	(1.9)	28.1	(1.6)	93.1	(0.5)	1.8	(0.3)	78.3	(1.1)	4.2	(0.5)
Belgium (German-Speaking Community)	46.1	(1.5)	22.4	(1.3)	95.7	(0.7)	0.6	(0.3)	79.9	(1.5)	4.7	(0.7)
Finland (Finnish Speaking)	22.8	(0.9)	27.5	(1.4)	96.1	(0.3)	0.5	(0.1)	87.4	(0.7)	1.7	(0.2)
Finland (Swedish Speaking)	26.3	(3.3)	19.1	(2.5)	93.8	(2.0)	0.2	(0.2)	91.5	(1.6)	0.7	(0.4)
United Kingdom (England)	9.2	(0.7)	64.6	(1.2)	93.5	(0.5)	1.0	(0.1)	75.3	(1.0)	3.5	(0.3)
United Kingdom (Northern Ireland)	13.8	(0.7)	55.9	(1.0)	92.8	(0.6)	1.9	(0.3)	68.9	(1.1)	5.7	(0.5)
United Kingdom (Wales)	9.7	(0.6)	68.2	(1.2)	93.9	(0.5)	0.8	(0.1)	74.2	(1.1)	4.2	(0.4)

Note: See Table 5.17 for national data.
1. Results based on students' self-reports.
2. Percentages for the middle category can be obtained by subtracting the sum of the other two categories from 100%.
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[Part 2/3]

Table S5i Percentage of students, by time spent on learning[1]

Tableau S5i Pourcentage d'élèves par nombre hebdomadaire d'heures d'apprentissage

	Reading											
	Regular lessons in school[2]				Out-of-school lessons[2]				Self-study or homework[2]			
	Less than two hours a week		Four hours a week or more		Less than two hours a week		Four hours a week or more		Less than two hours a week		Four hours a week or more	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
Adjudicated												
Belgium (Flemish Community)	27.5	(1.0)	31.2	(1.0)	94.5	(0.4)	1.6	(0.3)	82.2	(0.6)	3.0	(0.3)
Italy (Provincia Autonoma of Bolzano)	13.3	(0.9)	55.1	(1.0)	93.9	(0.5)	1.5	(0.3)	74.9	(1.1)	5.9	(0.6)
Italy (Provincia Campania)	11.9	(0.9)	67.6	(2.0)	77.4	(1.2)	10.2	(1.1)	27.8	(1.8)	39.8	(2.4)
Italy (Provincia Basilicata)	12.5	(1.0)	67.3	(1.3)	77.9	(1.1)	8.1	(1.0)	29.6	(1.8)	33.7	(2.0)
Italy (Provincia Emilia Romagna)	12.2	(1.0)	70.3	(1.5)	89.6	(0.9)	3.4	(0.5)	41.4	(1.6)	23.1	(1.2)
Italy (Provincia Friuli Venezia Giulia)	11.3	(0.9)	69.1	(1.5)	91.1	(0.7)	3.3	(0.5)	43.1	(2.0)	19.3	(1.3)
Italy (Provincia Sicilia)	14.3	(1.4)	65.4	(2.4)	78.3	(2.0)	8.1	(0.8)	31.3	(2.0)	31.7	(2.4)
Italy (Provincia Liguria)	13.7	(1.0)	62.9	(1.7)	88.3	(1.0)	3.9	(0.6)	46.5	(1.7)	20.9	(1.7)
Italy (Provincia Lombardia)	13.2	(1.3)	66.5	(2.3)	90.0	(1.0)	3.2	(0.4)	45.7	(2.4)	19.9	(1.4)
Italy (Provincia Piemonte)	11.1	(1.1)	69.7	(2.0)	89.1	(0.7)	4.0	(0.5)	45.0	(2.0)	19.5	(2.0)
Italy (Provincia Trento)	15.1	(0.8)	62.2	(1.4)	91.6	(0.8)	2.8	(0.4)	47.4	(1.4)	20.4	(1.2)
Italy (Provincia Sardegna)	16.2	(1.3)	60.9	(2.8)	81.7	(1.3)	6.8	(0.9)	39.6	(2.5)	24.8	(2.3)
Italy (Provincia Puglia)	13.4	(1.1)	66.4	(1.5)	79.8	(1.3)	8.3	(0.7)	29.2	(1.6)	36.6	(1.5)
Italy (Provincia Veneto)	12.6	(1.0)	64.8	(1.8)	90.4	(0.9)	3.0	(0.4)	44.2	(1.8)	19.9	(1.4)
Spain (Andalusia)	13.8	(1.4)	58.2	(1.6)	86.0	(0.9)	4.6	(0.6)	57.2	(1.9)	12.8	(1.3)
Spain (Basque Country)	12.0	(0.6)	26.3	(1.6)	91.5	(0.6)	2.4	(0.3)	72.8	(1.2)	6.4	(0.5)
Spain (Cantabria)	10.3	(0.7)	62.2	(1.4)	84.1	(1.2)	5.9	(0.8)	56.2	(2.0)	10.3	(1.1)
Spain (Galicia)	15.9	(1.1)	16.8	(1.4)	87.2	(1.1)	4.5	(0.7)	67.4	(1.8)	7.7	(0.7)
Spain (La Rioja)	10.8	(0.9)	59.6	(1.5)	90.0	(0.8)	2.7	(0.5)	59.3	(1.5)	8.3	(0.9)
Spain (Castile and Leon)	12.0	(1.2)	57.9	(1.8)	92.2	(0.9)	2.5	(0.5)	59.1	(1.6)	11.3	(0.9)
Spain (Navarre)	5.5	(0.7)	47.3	(3.0)	90.4	(1.1)	2.6	(0.4)	57.9	(1.6)	10.9	(0.9)
Spain (Aragon)	11.0	(1.1)	55.1	(1.9)	90.7	(0.8)	2.5	(0.3)	59.0	(1.7)	11.9	(1.0)
Spain (Catalonia)	11.8	(1.2)	11.4	(2.4)	91.3	(0.7)	2.0	(0.4)	71.5	(1.3)	7.1	(0.6)
Spain (Asturias)	11.7	(1.3)	57.8	(2.3)	85.2	(1.2)	6.3	(0.7)	57.6	(1.5)	10.3	(0.8)
United Kingdom (Scotland)	8.5	(0.7)	56.2	(1.6)	86.9	(0.8)	3.1	(0.4)	70.6	(1.4)	7.2	(0.8)
Non-adjudicated												
Belgium (French Community)	14.3	(1.1)	65.5	(1.7)	89.1	(0.6)	2.6	(0.3)	74.9	(1.1)	4.3	(0.4)
Belgium (German-Speaking Community)	11.0	(1.1)	68.4	(1.4)	95.5	(0.7)	2.2	(0.5)	77.6	(1.5)	4.9	(0.8)
Finland (Finnish Speaking)	14.6	(1.0)	21.1	(1.8)	95.3	(0.4)	0.8	(0.1)	86.8	(0.7)	2.2	(0.2)
Finland (Swedish Speaking)	15.9	(1.9)	6.5	(2.1)	94.4	(1.1)	1.0	(0.5)	91.8	(2.2)	0.0	(0.0)
United Kingdom (England)	7.3	(0.5)	46.6	(1.6)	90.5	(0.5)	2.2	(0.2)	71.6	(1.0)	5.0	(0.4)
United Kingdom (Northern Ireland)	9.6	(0.7)	46.4	(1.4)	90.9	(0.5)	2.4	(0.3)	65.3	(1.4)	7.9	(0.6)
United Kingdom (Wales)	6.9	(0.5)	47.7	(1.5)	91.4	(0.6)	1.6	(0.3)	71.5	(1.0)	6.3	(0.5)

Note: See Table 5.17 for national data.
1. Results based on students' self-reports.
2. Percentages for the middle category can be obtained by subtracting the sum of the other two categories from 100%.
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[Part 3/3]

Table S5i Percentage of students, by time spent on learning[1]

Tableau S5i Pourcentages d'élèves par nombre hebdomadaire d'heures d'apprentissage

	Mathematics											
	Regular lessons in school[2]				Out-of-school lessons[2]				Self-study or homework[2]			
	Less than two hours a week		Four hours a week or more		Less than two hours a week		Four hours a week or more		Less than two hours a week		Four hours a week or more	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
Adjudicated												
Belgium (Flemish Community)	25.6	(0.9)	40.1	(1.1)	93.7	(0.4)	1.6	(0.2)	63.7	(1.0)	8.0	(0.5)
Italy (Provincia Autonoma of Bolzano)	16.6	(0.9)	42.9	(1.1)	91.1	(0.8)	2.1	(0.5)	73.8	(1.3)	5.2	(0.6)
Italy (Provincia Campania)	21.7	(1.8)	44.4	(3.0)	76.4	(1.3)	6.8	(0.7)	42.8	(2.1)	24.0	(1.6)
Italy (Provincia Basilicata)	18.9	(1.3)	47.0	(1.8)	80.2	(1.6)	6.3	(0.7)	45.5	(2.0)	20.5	(1.2)
Italy (Provincia Emilia Romagna)	15.8	(1.0)	52.2	(2.1)	86.1	(0.9)	3.0	(0.4)	49.1	(2.1)	16.7	(1.4)
Italy (Provincia Friuli Venezia Giulia)	13.9	(1.3)	52.5	(2.5)	87.6	(1.0)	2.3	(0.3)	49.1	(1.9)	14.5	(1.5)
Italy (Provincia Sicilia)	17.8	(2.2)	50.9	(3.2)	78.4	(1.6)	6.7	(0.7)	40.6	(2.6)	23.5	(1.6)
Italy (Provincia Liguria)	19.6	(1.4)	43.3	(2.5)	86.0	(0.9)	3.2	(0.6)	55.6	(1.8)	13.4	(1.2)
Italy (Provincia Lombardia)	15.3	(1.4)	51.9	(2.3)	87.3	(1.0)	3.2	(0.4)	52.5	(2.3)	13.8	(1.2)
Italy (Provincia Piemonte)	16.0	(1.9)	46.9	(3.1)	87.0	(0.9)	2.8	(0.5)	51.9	(2.4)	14.6	(1.4)
Italy (Provincia Trento)	16.7	(0.9)	43.3	(1.3)	89.5	(0.9)	2.2	(0.4)	52.8	(1.3)	16.2	(1.0)
Italy (Provincia Sardegna)	23.8	(1.7)	37.8	(3.0)	84.4	(1.5)	3.2	(0.4)	57.4	(1.7)	12.6	(0.9)
Italy (Provincia Puglia)	19.4	(1.4)	48.3	(2.0)	80.9	(1.2)	6.5	(0.7)	42.9	(1.9)	22.5	(1.3)
Italy (Provincia Veneto)	16.4	(1.5)	51.9	(2.8)	86.7	(0.9)	2.2	(0.4)	47.3	(2.7)	18.0	(1.7)
Spain (Andalusia)	13.7	(1.4)	26.8	(1.6)	76.6	(1.2)	7.3	(1.1)	57.3	(1.9)	13.0	(1.2)
Spain (Basque Country)	10.6	(0.8)	32.3	(2.1)	80.1	(0.9)	4.6	(0.4)	66.3	(1.3)	7.2	(0.5)
Spain (Cantabria)	10.6	(0.8)	54.6	(1.4)	65.6	(1.2)	14.3	(1.5)	57.3	(1.7)	10.7	(0.9)
Spain (Galicia)	14.0	(1.1)	22.4	(1.6)	71.9	(1.7)	10.6	(1.1)	61.3	(1.7)	11.2	(0.9)
Spain (La Rioja)	9.6	(1.0)	63.4	(1.5)	71.5	(1.5)	6.2	(0.8)	53.5	(1.6)	12.1	(0.9)
Spain (Castile and Leon)	9.7	(1.2)	53.4	(1.6)	77.7	(1.4)	5.0	(0.6)	51.8	(1.9)	13.5	(1.0)
Spain (Navarre)	5.7	(0.7)	46.3	(2.6)	79.4	(1.1)	4.5	(0.5)	53.0	(1.4)	12.1	(1.1)
Spain (Aragon)	11.5	(1.1)	24.5	(2.0)	80.2	(1.2)	5.5	(0.8)	56.8	(1.9)	12.4	(1.1)
Spain (Catalonia)	10.8	(1.0)	20.7	(3.9)	88.2	(0.9)	2.9	(0.6)	68.4	(1.7)	7.8	(0.9)
Spain (Asturias)	12.0	(1.5)	24.9	(2.0)	64.7	(1.6)	15.5	(1.3)	57.4	(1.7)	12.8	(1.0)
United Kingdom (Scotland)	8.8	(0.7)	55.2	(1.7)	86.3	(0.7)	2.3	(0.3)	67.4	(1.3)	7.0	(0.6)
Non-adjudicated												
Belgium (French Community)	17.6	(1.2)	60.6	(1.9)	86.3	(0.6)	3.2	(0.3)	63.5	(1.5)	8.4	(0.5)
Belgium (German-Speaking Community)	13.8	(1.2)	56.7	(1.4)	94.1	(0.8)	1.6	(0.4)	65.2	(1.8)	8.0	(0.9)
Finland (Finnish Speaking)	10.6	(0.6)	32.1	(1.7)	95.2	(0.4)	0.9	(0.2)	84.1	(0.8)	1.9	(0.2)
Finland (Swedish Speaking)	11.8	(2.1)	14.7	(3.6)	95.9	(1.1)	0.0	(0.0)	86.6	(2.5)	1.5	(0.6)
United Kingdom (England)	7.6	(0.5)	41.0	(1.5)	90.8	(0.5)	1.8	(0.2)	76.0	(0.8)	3.6	(0.3)
United Kingdom (Northern Ireland)	9.6	(0.7)	45.6	(1.4)	90.5	(0.6)	1.9	(0.3)	63.3	(1.3)	6.7	(0.5)
United Kingdom (Wales)	6.9	(0.6)	44.7	(1.6)	91.1	(0.5)	1.2	(0.2)	75.0	(0.8)	4.1	(0.3)

Note: See Table 5.17 for national data.
1. Results based on students' self-reports.
2. Percentages for the middle category can be obtained by subtracting the sum of the other two categories from 100%.
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[Part 1/1]

Table S5j Percentage of students participating in school activities to promote the learning of science[1]

Tableau S5j Pourcentage d'élèves participant à des activités scolaires visant à promouvoir l'apprentissage des sciences

	Percentage of students whose principals report the following school activities to promote the learning of science									
	Science clubs		Science fairs		Science competitions		Extracurricular science projects		Excursions and field trips	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
Adjudicated										
Belgium (Flemish Community)	4.5	(1.7)	22.6	(3.6)	57.8	(3.8)	50.7	(4.3)	87.9	(2.8)
Italy (Provincia Autonoma of Bolzano)	31.0	(0.7)	0.5	(0.0)	29.5	(0.5)	61.2	(0.5)	96.5	(0.1)
Italy (Provincia Campania)	44.8	(7.4)	17.4	(5.6)	44.5	(8.3)	79.9	(6.3)	100.0	(0.0)
Italy (Provincia Basilicata)	24.2	(3.6)	5.4	(2.2)	20.4	(4.1)	70.9	(6.7)	92.2	(2.8)
Italy (Provincia Emilia Romagna)	38.8	(6.8)	12.8	(5.0)	27.8	(6.2)	80.4	(6.1)	95.2	(3.4)
Italy (Provincia Friuli Venezia Giulia)	37.0	(4.6)	12.5	(2.6)	35.3	(5.4)	75.8	(3.7)	95.5	(3.1)
Italy (Provincia Sicilia)	40.2	(6.7)	13.0	(5.6)	47.4	(9.3)	74.9	(7.2)	92.6	(4.0)
Italy (Provincia Liguria)	37.0	(6.5)	32.4	(6.1)	31.4	(4.9)	82.6	(5.2)	94.4	(2.3)
Italy (Provincia Lombardia)	33.2	(6.8)	12.0	(5.2)	24.1	(7.0)	69.7	(6.9)	96.8	(2.4)
Italy (Provincia Piemonte)	31.1	(7.6)	9.6	(4.7)	29.3	(6.1)	71.1	(6.2)	95.8	(3.0)
Italy (Provincia Trento)	37.7	(0.5)	6.9	(0.1)	39.9	(0.6)	76.6	(0.2)	98.5	(0.1)
Italy (Provincia Sardegna)	27.7	(6.7)	17.5	(5.7)	26.2	(7.3)	79.1	(6.1)	87.0	(6.2)
Italy (Provincia Puglia)	31.7	(6.8)	20.3	(5.9)	33.3	(7.9)	83.6	(5.1)	92.1	(3.0)
Italy (Provincia Veneto)	32.6	(7.5)	0.9	(0.9)	31.9	(5.2)	65.0	(6.7)	99.0	(1.1)
Spain (Andalusia)	73.3	(5.9)	61.1	(6.6)	25.4	(5.3)	26.0	(6.4)	99.1	(0.9)
Spain (Basque Country)	64.7	(3.7)	53.5	(3.6)	19.6	(3.3)	26.9	(4.0)	94.4	(1.8)
Spain (Cantabria)	68.6	(6.3)	60.2	(6.2)	32.2	(6.2)	27.9	(6.3)	98.1	(1.9)
Spain (Galicia)	58.1	(7.8)	67.1	(7.3)	31.8	(5.5)	40.7	(8.3)	94.9	(2.5)
Spain (La Rioja)	58.3	(0.4)	48.3	(0.5)	54.7	(0.5)	53.6	(0.6)	98.2	(0.1)
Spain (Castile and Leon)	68.9	(5.7)	56.4	(6.6)	49.5	(6.4)	48.3	(8.5)	98.4	(1.6)
Spain (Navarre)	39.6	(5.1)	31.9	(5.4)	29.4	(3.2)	18.6	(5.0)	100.0	(0.0)
Spain (Aragon)	62.8	(7.3)	70.1	(7.0)	37.2	(7.6)	41.5	(7.6)	94.1	(3.7)
Spain (Catalonia)	50.9	(7.4)	50.0	(8.0)	36.7	(7.8)	40.3	(6.8)	83.1	(5.1)
Spain (Asturias)	66.1	(5.7)	54.2	(6.7)	30.5	(6.8)	33.1	(7.6)	97.9	(2.0)
United Kingdom (Scotland)	47.8	(5.2)	46.2	(5.1)	78.1	(4.7)	47.4	(6.2)	94.6	(2.7)
Non-adjudicated										
Belgium (French Community)	6.3	(2.7)	51.2	(5.5)	45.3	(4.6)	43.0	(5.5)	94.8	(2.4)
Belgium (German-Speaking Community)	a	a	70.4	(0.3)	19.3	(0.1)	64.0	(0.2)	100.0	(0.0)
Finland (Finnish Speaking)	7.8	(2.2)	7.0	(2.2)	36.6	(4.5)	23.1	(3.7)	93.7	(2.1)
Finland (Swedish Speaking)	34.0	(18.1)	52.2	(19.0)	49.1	(19.1)	14.3	(13.6)	99.2	(0.9)
United Kingdom (England)	76.4	(2.9)	34.2	(3.7)	71.0	(3.2)	61.6	(3.9)	85.8	(2.8)
United Kingdom (Northern Ireland)	54.3	(5.0)	45.2	(4.7)	66.6	(3.7)	53.3	(4.7)	92.5	(2.3)
United Kingdom (Wales)	68.6	(3.6)	33.5	(4.1)	75.9	(4.1)	56.4	(4.7)	93.7	(2.3)

Note: See Figure 5.18 for national data.
1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.
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[Part 1/2]

Table S5k Index of school activities to promote the learning of science and student performance on the science scale, by quarters of the index[1]

Tableau S5k Indice de participation à des activités scolaires visant à promouvoir l'apprentissage des sciences et performances des élèves sur l'échelle de culture scientifique, par quartile de l'indice

	Index of school activities to promote the learning of science									
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter	
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
Adjudicated										
Belgium (Flemish Community)	-0.29	(0.07)	-1.43	(0.09)	-0.40	(0.02)	0.09	(0.02)	0.58	(0.08)
Italy (Provincia Autonoma of Bolzano)	-0.23	(0.01)	-1.24	(0.01)	-0.47	(0.01)	-0.02	(0.01)	0.82	(0.02)
Italy (Provincia Campania)	0.19	(0.12)	-0.71	(0.09)	-0.24	(0.03)	0.46	(0.07)	1.23	(0.11)
Italy (Provincia Basilicata)	-0.26	(0.09)	-1.19	(0.08)	-0.43	(0.03)	-0.05	(0.05)	0.64	(0.04)
Italy (Provincia Emilia Romagna)	-0.07	(0.11)	-1.01	(0.18)	-0.33	(0.00)	0.11	(0.03)	0.94	(0.15)
Italy (Provincia Friuli Venezia Giulia)	-0.04	(0.07)	-1.09	(0.15)	-0.33	(0.00)	0.14	(0.03)	1.10	(0.04)
Italy (Provincia Sicilia)	0.00	(0.15)	-1.28	(0.18)	-0.06	(0.06)	0.26	(0.02)	1.07	(0.10)
Italy (Provincia Liguria)	0.10	(0.09)	-0.89	(0.14)	-0.18	(0.04)	0.31	(0.05)	1.15	(0.09)
Italy (Provincia Lombardia)	-0.16	(0.09)	-0.89	(0.07)	-0.33	(0.00)	-0.01	(0.05)	0.62	(0.12)
Italy (Provincia Piemonte)	-0.16	(0.12)	-1.15	(0.10)	-0.35	(0.01)	-0.01	(0.06)	0.90	(0.17)
Italy (Provincia Trento)	0.04	(0.01)	-0.88	(0.01)	-0.30	(0.00)	0.31	(0.01)	1.03	(0.00)
Italy (Provincia Sardegna)	-0.14	(0.16)	-1.41	(0.21)	-0.34	(0.00)	0.25	(0.04)	0.96	(0.10)
Italy (Provincia Puglia)	-0.07	(0.12)	-1.24	(0.14)	-0.19	(0.04)	0.22	(0.00)	0.95	(0.10)
Italy (Provincia Veneto)	-0.20	(0.08)	-1.06	(0.05)	-0.33	(0.00)	0.09	(0.03)	0.50	(0.08)
Spain (Andalusia)	0.16	(0.10)	-0.76	(0.10)	-0.12	(0.04)	0.34	(0.04)	1.18	(0.10)
Spain (Basque Country)	-0.03	(0.06)	-1.14	(0.07)	-0.27	(0.01)	0.24	(0.01)	1.04	(0.07)
Spain (Cantabria)	0.19	(0.10)	-0.78	(0.09)	-0.09	(0.05)	0.34	(0.04)	1.31	(0.09)
Spain (Galicia)	0.18	(0.11)	-0.69	(0.12)	-0.12	(0.04)	0.42	(0.05)	1.11	(0.12)
Spain (La Rioja)	0.33	(0.01)	-0.69	(0.01)	0.11	(0.01)	0.48	(0.01)	1.43	(0.02)
Spain (Castile and Leon)	0.37	(0.11)	-0.61	(0.10)	0.06	(0.05)	0.57	(0.05)	1.45	(0.06)
Spain (Navarre)	-0.29	(0.06)	-1.06	(0.00)	-0.44	(0.05)	-0.15	(0.03)	0.51	(0.06)
Spain (Aragon)	0.28	(0.13)	-0.92	(0.09)	-0.10	(0.07)	0.54	(0.07)	1.62	(0.02)
Spain (Catalonia)	-0.04	(0.17)	-1.40	(0.16)	-0.39	(0.03)	0.29	(0.06)	1.33	(0.12)
Spain (Asturias)	0.09	(0.12)	-1.04	(0.11)	0.06	(0.06)	0.34	(0.04)	1.00	(0.09)
United Kingdom (Scotland)	0.33	(0.09)	-0.60	(0.09)	0.06	(0.03)	0.55	(0.04)	1.34	(0.07)
Non-adjudicated										
Belgium (French Community)	-0.14	(0.08)	-1.16	(0.06)	-0.34	(0.00)	0.19	(0.01)	0.74	(0.09)
Belgium (German-Speaking Community)	-0.08	(0.00)	-0.90	(0.02)	-0.15	(0.01)	0.21	(0.00)	0.53	(0.01)
Finland (Finnish Speaking)	-0.62	(0.06)	-1.37	(0.09)	-0.89	(0.03)	-0.33	(0.00)	0.09	(0.04)
Finland (Swedish Speaking)	-0.11	(0.22)	-0.91	(0.16)	-0.28	(0.06)	0.21	(0.00)	0.56	(0.16)
United Kingdom (England)	0.43	(0.06)	-0.82	(0.08)	0.15	(0.02)	0.79	(0.01)	1.59	(0.02)
United Kingdom (Northern Ireland)	0.30	(0.10)	-1.20	(0.11)	-0.01	(0.04)	0.82	(0.02)	1.61	(0.02)
United Kingdom (Wales)	0.42	(0.08)	-0.65	(0.06)	0.15	(0.02)	0.71	(0.01)	1.49	(0.03)

Note: See Table 5.18 for national data.
1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.
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[Part 2/2]

Table S5k Index of school activities to promote the learning of science and student performance on the science scale, by quarters of the index[1]

Tableau S5k Indice de participation à des activités scolaires visant à promouvoir l'apprentissage des sciences et performances des élèves sur l'échelle de culture scientifique, par quartile de l'indice

	Performance on the science scale by quarters of this index								Change in the science score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the science performance distribution		Explained variance in student performance (r-squared x 100)	
	Bottom quarter		Second quarter		Third quarter		Top quarter							
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E	Effect	S.E.	Ratio	S.E.	%	S.E.
Adjudicated														
Belgium (Flemish Community)	**496**	(12.6)	534	(6.6)	545	(5.6)	**544**	(6.5)	**26.2**	(6.58)	**1.9**	(0.31)	5.6	(2.68)
Italy (Provincia Autonoma of Bolzano)	**498**	(6.1)	512	(7.5)	533	(5.0)	**565**	(5.4)	**28.1**	(3.29)	**1.6**	(0.26)	6.7	(1.50)
Italy (Provincia Campania)	433	(11.3)	435	(12.3)	454	(12.0)	449	(9.8)	9.7	(7.80)	1.3	(0.24)	0.9	(1.40)
Italy (Provincia Basilicata)	**431**	(9.6)	444	(13.1)	463	(11.8)	**469**	(8.7)	**21.8**	(6.38)	1.5	(0.43)	3.5	(2.12)
Italy (Provincia Emilia Romagna)	**499**	(12.6)	483	(10.9)	518	(7.8)	**538**	(10.8)	13.8	(9.25)	1.4	(0.25)	1.5	(1.89)
Italy (Provincia Friuli Venezia Giulia)	**518**	(9.9)	527	(10.0)	523	(12.6)	**564**	(7.3)	**19.2**	(5.38)	1.3	(0.22)	4.0	(2.20)
Italy (Provincia Sicilia)	406	(19.0)	438	(14.3)	451	(16.5)	438	(18.7)	14.2	(10.17)	1.7	(0.60)	1.9	(2.76)
Italy (Provincia Liguria)	**453**	(16.1)	467	(15.8)	508	(12.7)	**518**	(7.3)	25.0	(14.09)	**2.0**	(0.43)	4.6	(4.43)
Italy (Provincia Lombardia)	484	(13.1)	509	(9.2)	489	(16.7)	510	(16.6)	18.3	(15.25)	1.4	(0.35)	1.5	(2.57)
Italy (Provincia Piemonte)	**461**	(13.3)	517	(12.9)	523	(10.0)	**536**	(8.9)	**30.6**	(5.33)	**2.4**	(0.46)	7.9	(2.92)
Italy (Provincia Trento)	**477**	(6.8)	523	(4.1)	552	(4.2)	**537**	(4.5)	**31.0**	(3.07)	**2.6**	(0.24)	6.5	(1.25)
Italy (Provincia Sardegna)	458	(22.0)	425	(16.6)	446	(17.4)	468	(15.4)	3.0	(13.24)	0.9	(0.39)	0.1	(1.50)
Italy (Provincia Puglia)	449	(11.8)	442	(6.6)	435	(10.8)	464	(16.6)	11.0	(8.46)	1.0	(0.34)	1.4	(2.39)
Italy (Provincia Veneto)	**489**	(17.4)	534	(11.6)	535	(10.8)	**542**	(11.4)	**33.0**	(12.63)	**2.1**	(0.54)	5.3	(3.96)
Spain (Andalusia)	466	(9.1)	470	(7.1)	470	(7.5)	489	(9.4)	9.6	(6.15)	1.1	(0.18)	0.7	(0.89)
Spain (Basque Country)	498	(7.7)	490	(7.3)	495	(6.8)	496	(6.4)	-1.1	(3.84)	0.9	(0.16)	0.0	(0.15)
Spain (Cantabria)	516	(6.7)	508	(7.9)	505	(7.1)	508	(9.8)	-3.7	(5.92)	0.9	(0.15)	0.1	(0.59)
Spain (Galicia)	505	(7.1)	505	(7.0)	503	(6.1)	505	(7.3)	-1.7	(4.80)	1.0	(0.15)	0.0	(0.19)
Spain (La Rioja)	527	(5.2)	517	(5.2)	523	(5.7)	514	(6.8)	-3.1	(3.31)	0.8	(0.13)	0.1	(0.22)
Spain (Castile and Leon)	515	(7.3)	524	(5.4)	524	(5.5)	517	(9.2)	0.1	(5.07)	1.1	(0.18)	0.0	(0.20)
Spain (Navarre)	514	(6.4)	514	(6.8)	507	(5.9)	511	(8.2)	-4.0	(6.41)	0.9	(0.12)	0.1	(0.26)
Spain (Aragon)	512	(8.8)	513	(9.4)	514	(7.5)	514	(10.6)	1.0	(5.12)	0.9	(0.20)	0.0	(0.30)
Spain (Catalonia)	483	(11.0)	485	(8.7)	491	(7.8)	508	(15.2)	12.0	(6.33)	1.1	(0.24)	2.0	(2.36)
Spain (Asturias)	493	(13.0)	519	(8.8)	517	(7.4)	506	(7.4)	5.1	(7.91)	1.4	(0.28)	0.2	(0.87)
United Kingdom (Scotland)	516	(8.2)	527	(9.2)	511	(7.8)	508	(6.2)	-3.9	(5.19)	0.9	(0.14)	0.1	(0.27)
Non-adjudicated														
Belgium (French Community)	459	(15.8)	490	(14.9)	505	(12.2)	490	(9.7)	15.1	(9.55)	1.6	(0.34)	1.2	(1.62)
Belgium (German-Speaking Community)	507	(5.6)	516	(6.1)	512	(8.5)	529	(9.0)	**12.4**	(4.55)	1.1	(0.15)	0.6	(0.41)
Finland (Finnish Speaking)	564	(3.3)	566	(3.4)	569	(4.5)	561	(4.8)	0.0	(3.21)	1.0	(0.09)	0.0	(0.06)
Finland (Swedish Speaking)	**548**	(9.1)	527	(15.1)	533	(11.7)	**515**	(11.1)	**-19.6**	(4.55)	0.7	(0.21)	1.9	(1.36)
United Kingdom (England)	515	(7.0)	514	(6.9)	515	(7.7)	528	(7.8)	3.2	(3.80)	1.0	(0.13)	0.1	(0.19)
United Kingdom (Northern Ireland)	**479**	(14.2)	502	(11.3)	515	(11.5)	**548**	(13.8)	**20.4**	(8.01)	1.5	(0.30)	4.0	(3.04)
United Kingdom (Wales)	**491**	(7.3)	509	(8.2)	503	(7.4)	**520**	(6.9)	**10.3**	(4.60)	**1.3**	(0.16)	0.7	(0.66)

Note: Values that are statistically significant are indicated in bold (see Annex A3). See Table 5.18 for national data.
1. Results based on reports from school principals and reported proportionate to the number of 15-year-olds enrolled in the school.
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[Part 1/1]

Table S6a Percentage of students at each proficiency level on the reading scale

Tableau S6a Pourcentage d'élèves à chaque niveau de compétence sur l'échelle de compréhension de l'écrit

	Proficiency levels											
	Below Level 1 (below 334.75 score points)		Level 1 (from 334.75 to 407.47 score points)		Level 2 (from 407.47 to 480.18 score points)		Level 3 (from 480.18 to 552.89 score points)		Level 4 (from 552.89 to 625.61 score points)		Level 5 (above 625.61 score points)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
Adjudicated												
Belgium (Flemish Community)	6.0	(1.1)	8.1	(0.6)	15.8	(0.8)	26.5	(1.0)	28.8	(1.1)	14.7	(0.8)
Italy (Provincia Autonoma of Bolzano)	5.8	(1.0)	11.0	(1.2)	21.3	(1.6)	29.5	(1.5)	23.1	(1.2)	9.4	(0.8)
Italy (Provincia Campania)	13.8	(1.6)	22.3	(2.0)	29.9	(1.7)	22.4	(1.8)	9.4	(1.1)	2.1	(0.6)
Italy (Provincia Basilicata)	14.7	(2.1)	19.2	(1.6)	27.6	(1.9)	23.5	(1.8)	11.8	(1.5)	3.1	(0.6)
Italy (Provincia Emilia Romagna)	6.1	(1.1)	12.3	(1.1)	22.8	(1.3)	27.6	(1.7)	23.1	(1.4)	8.1	(0.9)
Italy (Provincia Friuli Venezia Giulia)	3.0	(0.9)	7.3	(1.0)	19.7	(1.3)	33.3	(1.7)	27.4	(1.7)	9.3	(1.0)
Italy (Provincia Sicilia)	20.3	(2.9)	20.5	(2.2)	26.9	(2.1)	21.0	(2.0)	9.9	(1.5)	1.4	(0.4)
Italy (Provincia Liguria)	9.4	(1.7)	13.5	(1.7)	22.8	(1.6)	27.2	(2.0)	19.6	(1.8)	7.6	(1.2)
Italy (Provincia Lombardia)	8.4	(2.0)	11.1	(1.4)	22.0	(1.8)	29.1	(2.1)	22.4	(1.9)	7.0	(1.4)
Italy (Provincia Piemonte)	5.0	(1.1)	9.8	(1.0)	21.1	(1.6)	30.5	(1.7)	25.0	(1.7)	8.6	(1.0)
Italy (Provincia Trento)	5.7	(0.5)	10.3	(0.8)	18.3	(1.3)	30.1	(1.6)	25.7	(1.4)	9.8	(1.3)
Italy (Provincia Sardegna)	19.5	(2.6)	17.7	(1.6)	24.3	(1.7)	22.8	(1.6)	12.7	(1.4)	3.1	(0.5)
Italy (Provincia Puglia)	14.3	(1.8)	22.0	(1.8)	28.4	(2.0)	22.8	(2.0)	9.9	(1.5)	2.7	(0.6)
Italy (Provincia Veneto)	4.5	(1.2)	10.3	(1.5)	19.9	(2.0)	29.1	(2.1)	26.1	(2.0)	10.1	(1.0)
Spain (Andalusia)	11.0	(1.4)	20.3	(1.4)	32.3	(1.7)	26.9	(1.7)	8.8	(0.9)	0.7	(0.3)
Spain (Basque Country)	5.2	(0.8)	12.5	(1.0)	25.9	(1.2)	33.0	(1.2)	19.3	(1.3)	4.2	(0.6)
Spain (Cantabria)	5.6	(0.8)	14.1	(1.3)	30.5	(1.6)	32.0	(1.6)	15.3	(1.3)	2.5	(0.6)
Spain (Galicia)	6.1	(0.7)	14.0	(1.4)	27.5	(1.8)	32.8	(1.5)	16.4	(1.2)	3.3	(0.5)
Spain (La Rioja)	3.3	(0.7)	12.3	(1.1)	26.2	(1.5)	34.7	(1.9)	19.9	(1.3)	3.7	(0.8)
Spain (Castile and Leon)	3.6	(0.7)	13.9	(1.4)	32.3	(2.0)	33.5	(2.1)	15.1	(1.2)	1.6	(0.4)
Spain (Navarre)	4.4	(0.6)	13.2	(1.1)	29.6	(1.8)	35.2	(1.5)	15.5	(1.1)	2.1	(0.4)
Spain (Aragon)	5.4	(1.0)	12.6	(1.5)	27.1	(2.0)	34.2	(1.6)	17.5	(1.8)	3.2	(0.6)
Spain (Catalonia)	6.6	(1.2)	14.6	(1.4)	27.1	(2.0)	31.6	(1.3)	17.1	(1.7)	3.1	(0.8)
Spain (Asturias)	5.7	(1.2)	12.5	(1.5)	29.9	(1.5)	33.9	(1.6)	15.6	(1.3)	2.4	(0.5)
United Kingdom (Scotland)	5.2	(0.7)	11.5	(1.0)	23.5	(1.1)	30.9	(1.3)	20.6	(1.1)	8.5	(0.9)
Non-adjudicated												
Belgium (French Community)	11.9	(1.4)	14.4	(1.1)	22.9	(1.2)	25.3	(1.4)	18.7	(1.2)	6.7	(0.9)
Belgium (German-Speaking Community)	6.7	(0.9)	12.6	(1.4)	20.5	(1.6)	27.2	(1.8)	23.3	(2.0)	9.7	(1.2)
Finland (Finnish Speaking)	0.7	(0.2)	4.0	(0.4)	15.3	(0.8)	30.9	(0.9)	32.0	(0.9)	17.0	(0.9)
Finland (Swedish Speaking)	1.9	(1.0)	5.1	(1.8)	19.9	(3.0)	36.9	(3.8)	26.2	(3.8)	9.9	(2.3)
United Kingdom (England)	6.8	(0.6)	12.1	(0.7)	22.5	(0.8)	28.7	(0.8)	20.6	(0.9)	9.2	(0.7)
United Kingdom (Northern Ireland)	7.7	(1.0)	13.2	(1.0)	21.8	(1.3)	25.5	(1.1)	21.4	(1.2)	10.4	(1.0)
United Kingdom (Wales)	7.6	(0.9)	14.4	(0.8)	26.5	(1.1)	27.7	(1.1)	17.4	(1.2)	6.4	(0.9)

Note: See Table 6.1a for national data.

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[Part 1/2]

Table S6b Percentage of students at each proficiency level on the reading scale, by gender

Tableau S6b Pourcentage d'élèves à chaque niveau de compétence sur l'échelle de compréhension de l'écrit, selon le sexe

	Males – Proficiency levels											
	Below Level 1 (below 334.75 score points)		Level 1 (from 334.75 to 407.47 score points)		Level 2 (from 407.47 to 480.18 score points)		Level 3 (from 480.18 to 552.89 score points)		Level 4 (from 552.89 to 625.61 score points)		Level 5 (above 625.61 score points)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
Adjudicated												
Belgium (Flemish Community)	7.6	(1.4)	10.4	(1.0)	18.2	(1.3)	27.0	(1.1)	25.1	(1.3)	11.7	(0.9)
Italy (Provincia Autonoma of Bolzano)	8.6	(1.4)	14.3	(2.1)	23.9	(2.7)	29.6	(2.2)	18.4	(1.5)	5.1	(0.9)
Italy (Provincia Campania)	17.3	(2.5)	22.4	(2.8)	30.1	(2.3)	20.7	(2.9)	7.5	(1.7)	2.0	(0.7)
Italy (Provincia Basilicata)	21.8	(3.2)	22.5	(2.4)	26.2	(2.4)	18.9	(2.0)	8.7	(1.6)	1.8	(0.7)
Italy (Provincia Emilia Romagna)	8.2	(1.7)	13.7	(2.1)	26.1	(2.1)	29.5	(2.8)	17.8	(1.9)	4.8	(0.7)
Italy (Provincia Friuli Venezia Giulia)	5.4	(1.5)	9.9	(1.5)	24.1	(1.8)	32.4	(2.6)	20.8	(2.3)	7.5	(1.1)
Italy (Provincia Sicilia)	29.0	(4.2)	22.4	(3.1)	23.9	(3.3)	15.8	(2.8)	7.8	(1.8)	1.2	(0.6)
Italy (Provincia Liguria)	15.1	(3.1)	17.2	(2.2)	25.8	(3.1)	23.7	(3.3)	13.8	(1.9)	4.5	(1.2)
Italy (Provincia Lombardia)	11.9	(3.3)	14.3	(2.1)	25.0	(2.3)	27.5	(2.4)	16.7	(2.4)	4.5	(1.2)
Italy (Provincia Piemonte)	8.4	(1.9)	13.7	(1.8)	24.8	(2.4)	28.6	(2.9)	18.8	(2.6)	5.7	(1.3)
Italy (Provincia Trento)	9.0	(0.8)	12.8	(1.2)	20.9	(1.9)	30.2	(2.2)	21.1	(1.9)	6.0	(1.3)
Italy (Provincia Sardegna)	29.2	(4.0)	21.9	(2.3)	22.5	(2.2)	17.6	(2.3)	7.2	(1.6)	1.7	(0.6)
Italy (Provincia Puglia)	19.0	(2.6)	25.9	(2.6)	26.4	(2.5)	18.5	(2.0)	8.4	(1.3)	1.7	(0.7)
Italy (Provincia Veneto)	6.4	(2.0)	13.2	(2.3)	22.1	(2.3)	28.3	(2.9)	22.0	(2.8)	8.0	(1.3)
Spain (Andalusia)	13.9	(2.1)	23.0	(2.4)	31.9	(2.7)	23.3	(2.2)	7.6	(1.3)	0.4	(0.4)
Spain (Basque Country)	8.2	(1.2)	15.5	(1.3)	28.4	(1.6)	29.5	(1.6)	15.0	(1.3)	3.2	(0.5)
Spain (Cantabria)	9.2	(1.4)	17.4	(2.1)	31.9	(3.1)	27.4	(2.6)	12.2	(1.3)	2.0	(0.5)
Spain (Galicia)	9.3	(1.4)	18.4	(1.9)	29.4	(2.1)	28.3	(2.1)	11.8	(1.6)	2.8	(0.6)
Spain (La Rioja)	4.5	(1.2)	15.1	(1.6)	29.9	(2.1)	34.3	(2.4)	14.6	(1.6)	1.6	(0.5)
Spain (Castile and Leon)	5.1	(1.1)	17.5	(2.0)	32.1	(2.5)	31.5	(2.5)	12.9	(1.7)	1.0	(0.4)
Spain (Navarre)	6.9	(1.1)	16.6	(1.9)	31.7	(3.0)	31.6	(2.6)	12.0	(1.7)	1.2	(0.5)
Spain (Aragon)	8.5	(1.5)	16.6	(2.3)	30.5	(2.7)	30.5	(2.7)	12.6	(2.1)	1.3	(0.6)
Spain (Catalonia)	8.8	(2.0)	16.2	(1.7)	29.9	(2.5)	29.2	(2.3)	13.6	(1.9)	2.3	(0.8)
Spain (Asturias)	8.8	(2.1)	14.9	(1.8)	32.4	(2.2)	30.3	(2.3)	12.0	(1.6)	1.7	(0.5)
United Kingdom (Scotland)	7.5	(1.4)	13.2	(1.7)	24.4	(1.4)	29.8	(1.8)	18.1	(1.5)	7.0	(1.1)
Non-adjudicated												
Belgium (French Community)	17.0	(2.1)	17.2	(1.4)	23.6	(1.6)	22.5	(1.8)	15.0	(1.4)	4.7	(0.8)
Belgium (German-Speaking Community)	9.8	(1.4)	16.3	(1.9)	21.0	(2.3)	24.7	(2.7)	19.9	(2.5)	8.3	(1.6)
Finland (Finnish Speaking)	1.4	(0.3)	6.6	(0.8)	21.7	(1.2)	34.2	(1.3)	26.2	(1.4)	9.9	(0.9)
Finland (Swedish Speaking)	3.4	(1.7)	7.1	(2.6)	22.6	(5.5)	40.1	(6.2)	23.1	(4.8)	3.6	(2.1)
United Kingdom (England)	9.8	(1.0)	14.4	(1.0)	22.8	(1.0)	27.0	(1.6)	18.4	(1.3)	7.7	(0.7)
United Kingdom (Northern Ireland)	10.9	(1.3)	15.0	(1.5)	22.2	(1.8)	24.6	(1.6)	19.3	(1.4)	8.1	(1.2)
United Kingdom (Wales)	10.4	(1.2)	17.1	(1.0)	27.2	(1.4)	25.9	(1.7)	14.7	(1.3)	4.7	(0.8)

Note: See Table 6.1b for national data.

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[Part 2/2]

Table S6b Percentage of students at each proficiency level on the reading scale, by gender

Tableau S6b Pourcentage d'élèves à chaque niveau de compétence sur l'échelle de compréhension de l'écrit, selon le sexe

	Females – Proficiency levels											
	Below Level 1 (below 334.75 score points)		Level 1 (from 334.75 to 407.47 score points)		Level 2 (from 407.47 to 480.18 score points)		Level 3 (from 480.18 to 552.89 score points)		Level 4 (from 552.89 to 625.61 score points)		Level 5 (above 625.61 score points)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
Adjudicated												
Belgium (Flemish Community)	4.3	(1.0)	5.5	(0.7)	13.0	(1.1)	26.0	(1.7)	32.9	(1.6)	18.2	(1.4)
Italy (Provincia Autonoma of Bolzano)	3.1	(1.0)	7.6	(1.1)	18.7	(1.6)	29.3	(2.2)	27.7	(2.1)	13.7	(1.4)
Italy (Provincia Campania)	10.4	(1.5)	22.2	(2.5)	29.7	(2.5)	24.1	(2.4)	11.4	(1.6)	2.2	(0.8)
Italy (Provincia Basilicata)	7.1	(1.4)	15.7	(1.8)	29.1	(3.0)	28.5	(2.8)	15.2	(2.1)	4.5	(1.2)
Italy (Provincia Emilia Romagna)	3.8	(1.0)	11.0	(1.2)	19.4	(1.5)	25.8	(2.2)	28.6	(1.8)	11.4	(1.7)
Italy (Provincia Friuli Venezia Giulia)	0.7	(0.4)	4.6	(1.0)	15.4	(1.8)	34.2	(2.4)	34.0	(2.3)	11.2	(1.7)
Italy (Provincia Sicilia)	12.0	(3.1)	18.8	(3.3)	29.7	(2.4)	26.0	(2.8)	12.0	(2.0)	1.5	(0.6)
Italy (Provincia Liguria)	3.4	(0.9)	9.6	(1.8)	19.6	(2.7)	30.8	(2.0)	25.6	(2.6)	10.8	(1.5)
Italy (Provincia Lombardia)	4.9	(1.4)	8.0	(1.5)	18.9	(2.6)	30.6	(3.4)	28.0	(2.8)	9.6	(2.2)
Italy (Provincia Piemonte)	2.0	(0.8)	6.5	(0.9)	17.9	(1.8)	32.1	(2.2)	30.4	(1.9)	11.1	(1.4)
Italy (Provincia Trento)	2.5	(0.8)	7.8	(1.2)	15.8	(1.4)	30.1	(2.3)	30.3	(2.2)	13.6	(2.0)
Italy (Provincia Sardegna)	9.5	(1.7)	13.4	(2.1)	26.2	(2.7)	28.2	(2.5)	18.3	(2.1)	4.5	(0.9)
Italy (Provincia Puglia)	9.8	(1.8)	18.3	(2.5)	30.3	(2.7)	26.9	(2.7)	11.3	(2.1)	3.6	(0.8)
Italy (Provincia Veneto)	2.6	(0.9)	7.2	(1.7)	17.5	(2.5)	29.9	(2.3)	30.4	(2.7)	12.4	(1.7)
Spain (Andalusia)	8.2	(1.3)	17.8	(1.6)	32.6	(2.0)	30.3	(2.0)	10.0	(1.1)	1.1	(0.4)
Spain (Basque Country)	2.1	(0.6)	9.5	(1.2)	23.3	(1.3)	36.4	(1.7)	23.5	(1.6)	5.2	(1.0)
Spain (Cantabria)	2.0	(0.7)	10.9	(1.5)	29.0	(2.1)	36.6	(2.1)	18.4	(1.8)	3.0	(0.9)
Spain (Galicia)	2.5	(0.7)	9.0	(1.5)	25.4	(2.4)	37.8	(3.0)	21.5	(1.9)	3.8	(0.8)
Spain (La Rioja)	2.0	(0.6)	9.4	(1.5)	22.5	(2.2)	35.1	(3.4)	25.2	(2.6)	5.8	(1.3)
Spain (Castile and Leon)	2.0	(0.5)	9.9	(1.6)	32.4	(2.8)	35.8	(2.7)	17.6	(1.8)	2.3	(0.7)
Spain (Navarre)	1.9	(0.7)	9.7	(1.4)	27.5	(2.0)	38.9	(2.5)	19.0	(1.9)	3.0	(0.6)
Spain (Aragon)	2.3	(0.7)	8.5	(1.3)	23.6	(2.0)	38.0	(1.8)	22.5	(2.3)	5.2	(1.0)
Spain (Catalonia)	4.4	(0.9)	13.1	(1.8)	24.3	(2.3)	33.9	(2.0)	20.5	(2.8)	3.8	(1.0)
Spain (Asturias)	2.5	(0.8)	9.9	(2.1)	27.4	(1.9)	37.7	(2.5)	19.5	(1.8)	3.1	(0.7)
United Kingdom (Scotland)	2.8	(0.8)	9.7	(1.1)	22.6	(1.7)	31.9	(1.6)	23.0	(1.5)	9.9	(1.3)
Non-adjudicated												
Belgium (French Community)	6.5	(1.2)	11.4	(1.4)	22.2	(1.8)	28.4	(1.7)	22.6	(2.1)	8.9	(1.5)
Belgium (German-Speaking Community)	3.7	(1.1)	8.9	(1.9)	20.1	(2.0)	29.6	(2.7)	26.7	(3.1)	11.1	(1.9)
Finland (Finnish Speaking)	0.1	(0.1)	1.4	(0.5)	9.1	(0.8)	27.7	(1.3)	37.8	(1.1)	24.0	(1.3)
Finland (Swedish Speaking)	0.3	(0.6)	3.1	(2.2)	17.1	(3.7)	33.7	(5.0)	29.5	(6.0)	16.3	(3.6)
United Kingdom (England)	4.0	(0.6)	10.0	(0.8)	22.2	(1.1)	30.3	(1.2)	22.9	(1.0)	10.7	(0.9)
United Kingdom (Northern Ireland)	4.4	(1.1)	11.4	(1.5)	21.3	(2.2)	26.5	(1.5)	23.6	(1.8)	12.8	(1.4)
United Kingdom (Wales)	4.9	(1.0)	11.7	(1.1)	25.7	(1.6)	29.5	(1.5)	20.2	(1.5)	8.0	(1.2)

Note: See Table 6.1b for national data.

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[Part 1/1]

Table S6c Mean score, variation and gender differences in student performance on the reading scale

Tableau S6c Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle de compréhension de l'écrit

	All students				Gender differences					
	Mean score		Standard deviation		Males		Females		Difference (M - F)	
	Mean	S.E.	S.D.	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.
Adjudicated										
Belgium (Flemish Community)	522	(4.1)	105	(4.5)	506	(5.2)	540	(4.5)	**-35**	(5.3)
Italy (Provincia Autonoma of Bolzano)	502	(2.2)	100	(2.6)	479	(3.5)	525	(3.1)	**-46**	(5.0)
Italy (Provincia Campania)	438	(5.8)	97	(3.2)	428	(8.2)	449	(6.1)	**-21**	(8.5)
Italy (Provincia Basilicata)	446	(6.3)	103	(3.2)	420	(7.8)	473	(6.4)	**-53**	(7.5)
Italy (Provincia Emilia Romagna)	496	(4.5)	99	(3.0)	477	(6.9)	516	(4.6)	**-38**	(7.9)
Italy (Provincia Friuli Venezia Giulia)	519	(4.2)	88	(3.8)	499	(7.1)	539	(4.5)	**-40**	(9.4)
Italy (Provincia Sicilia)	424	(8.4)	108	(5.6)	399	(10.8)	447	(9.3)	**-49**	(11.5)
Italy (Provincia Liguria)	483	(6.9)	105	(3.3)	452	(9.5)	516	(6.1)	**-64**	(9.4)
Italy (Provincia Lombardia)	491	(7.1)	106	(5.9)	465	(10.6)	515	(6.4)	**-50**	(11.0)
Italy (Provincia Piemonte)	506	(5.1)	95	(3.8)	481	(7.4)	528	(4.5)	**-47**	(7.1)
Italy (Provincia Trento)	508	(2.5)	100	(1.9)	486	(3.6)	531	(3.8)	**-45**	(5.3)
Italy (Provincia Sardegna)	435	(8.2)	118	(5.4)	399	(11.9)	473	(6.4)	**-75**	(11.7)
Italy (Provincia Puglia)	440	(6.7)	104	(4.0)	421	(8.0)	458	(7.3)	**-37**	(5.6)
Italy (Provincia Veneto)	511	(5.9)	96	(4.2)	494	(9.8)	529	(6.2)	**-35**	(11.7)
Spain (Andalusia)	445	(4.1)	87	(2.5)	431	(5.7)	457	(3.8)	**-26**	(5.0)
Spain (Basque Country)	487	(4.2)	89	(2.4)	469	(4.9)	506	(4.0)	**-37**	(3.4)
Spain (Cantabria)	475	(4.0)	86	(2.0)	457	(4.7)	493	(4.2)	**-36**	(3.8)
Spain (Galicia)	479	(3.4)	90	(1.9)	459	(4.5)	501	(3.1)	**-42**	(4.0)
Spain (La Rioja)	492	(2.6)	82	(2.2)	475	(3.4)	509	(3.6)	**-34**	(5.1)
Spain (Castile and Leon)	478	(3.4)	76	(1.9)	467	(4.1)	491	(3.7)	**-24**	(4.0)
Spain (Navarre)	481	(2.7)	79	(1.8)	464	(3.7)	497	(3.3)	**-34**	(4.2)
Spain (Aragon)	483	(5.2)	86	(2.4)	461	(6.5)	506	(4.5)	**-45**	(5.1)
Spain (Catalonia)	477	(5.1)	90	(3.2)	463	(6.0)	490	(5.3)	**-27**	(5.3)
Spain (Asturias)	477	(4.7)	84	(3.0)	461	(6.4)	494	(4.1)	**-34**	(5.3)
United Kingdom (Scotland)	499	(4.0)	96	(1.8)	486	(5.0)	512	(4.1)	**-26**	(4.4)
Non-adjudicated										
Belgium (French Community)	473	(5.0)	110	(3.3)	450	(6.6)	498	(5.5)	**-48**	(7.6)
Belgium (German-Speaking Community)	499	(3.0)	103	(3.0)	481	(4.6)	517	(4.9)	**-36**	(7.5)
Finland (Finnish Speaking)	548	(2.3)	81	(1.2)	522	(2.9)	573	(2.5)	**-51**	(3.0)
Finland (Swedish Speaking)	525	(6.5)	80	(4.8)	504	(7.4)	546	(8.3)	**-42**	(8.5)
United Kingdom (England)	496	(2.7)	102	(2.0)	481	(3.6)	510	(3.1)	**-29**	(4.1)
United Kingdom (Northern Ireland)	495	(3.5)	106	(2.8)	479	(5.5)	512	(5.1)	**-33**	(8.0)
United Kingdom (Wales)	481	(3.7)	98	(2.3)	465	(4.2)	496	(4.2)	**-31**	(4.0)

	Percentiles											
	5th		10th		25th		75th		90th		95th	
	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
Adjudicated												
Belgium (Flemish Community)	322	(14.0)	377	(11.0)	462	(5.4)	597	(2.6)	642	(2.9)	667	(3.3)
Italy (Provincia Autonoma of Bolzano)	326	(10.9)	369	(7.5)	439	(3.6)	573	(2.9)	623	(3.8)	652	(5.5)
Italy (Provincia Campania)	277	(12.3)	314	(8.3)	377	(6.8)	504	(5.5)	559	(6.9)	592	(8.8)
Italy (Provincia Basilicata)	273	(8.8)	309	(12.4)	379	(10.0)	518	(7.1)	575	(6.2)	607	(5.7)
Italy (Provincia Emilia Romagna)	321	(11.1)	361	(8.2)	431	(7.2)	568	(4.3)	616	(4.8)	645	(5.8)
Italy (Provincia Friuli Venezia Giulia)	368	(10.9)	406	(9.1)	466	(6.3)	578	(3.8)	623	(4.6)	651	(6.9)
Italy (Provincia Sicilia)	233	(22.4)	277	(17.1)	355	(11.1)	500	(6.5)	558	(7.3)	586	(8.1)
Italy (Provincia Liguria)	298	(11.6)	340	(13.8)	415	(10.3)	559	(5.6)	612	(7.4)	643	(7.5)
Italy (Provincia Lombardia)	297	(19.9)	349	(16.2)	431	(10.7)	564	(6.1)	611	(7.9)	638	(8.2)
Italy (Provincia Piemonte)	336	(18.2)	382	(10.4)	447	(7.9)	574	(5.2)	620	(4.6)	645	(5.4)
Italy (Provincia Trento)	327	(4.5)	369	(5.3)	448	(4.0)	578	(5.0)	624	(6.7)	652	(8.9)
Italy (Provincia Sardegna)	221	(17.6)	278	(16.9)	361	(12.4)	520	(7.2)	578	(6.8)	609	(6.7)
Italy (Provincia Puglia)	272	(13.5)	311	(10.2)	374	(7.2)	509	(7.6)	567	(7.9)	599	(7.6)
Italy (Provincia Veneto)	340	(14.5)	383	(12.1)	447	(9.6)	580	(4.8)	626	(4.7)	654	(6.2)
Spain (Andalusia)	290	(9.4)	330	(8.1)	390	(6.2)	506	(3.1)	551	(4.0)	573	(5.4)
Spain (Basque Country)	333	(8.1)	372	(7.1)	432	(5.4)	549	(3.8)	594	(4.5)	620	(4.5)
Spain (Cantabria)	330	(6.6)	366	(7.8)	422	(5.4)	533	(4.1)	579	(3.3)	605	(4.5)
Spain (Galicia)	324	(6.4)	363	(6.6)	424	(5.1)	540	(3.7)	586	(5.7)	613	(5.9)
Spain (La Rioja)	353	(6.8)	383	(6.8)	439	(5.1)	550	(3.3)	591	(4.4)	616	(5.3)
Spain (Castile and Leon)	347	(7.7)	379	(5.8)	428	(5.3)	531	(2.9)	573	(2.7)	598	(4.7)
Spain (Navarre)	342	(6.5)	375	(5.6)	430	(4.3)	536	(3.9)	578	(3.5)	601	(4.8)
Spain (Aragon)	330	(10.5)	370	(7.8)	431	(7.0)	543	(5.5)	585	(5.6)	611	(7.2)
Spain (Catalonia)	319	(11.4)	360	(9.3)	420	(6.7)	540	(6.5)	586	(5.9)	610	(7.0)
Spain (Asturias)	327	(15.7)	367	(10.5)	427	(7.0)	535	(4.4)	578	(3.9)	601	(5.1)
United Kingdom (Scotland)	334	(7.8)	371	(6.2)	439	(4.3)	564	(4.1)	617	(4.7)	650	(7.3)
Non-adjudicated												
Belgium (French Community)	275	(11.3)	322	(9.5)	401	(7.7)	554	(5.1)	608	(4.9)	637	(5.5)
Belgium (German-Speaking Community)	312	(13.8)	362	(6.9)	433	(5.1)	575	(3.6)	625	(4.9)	649	(7.3)
Finland (Finnish Speaking)	410	(4.6)	441	(4.0)	495	(3.0)	604	(2.4)	649	(2.5)	676	(3.1)
Finland (Swedish Speaking)	387	(22.9)	429	(15.7)	476	(10.0)	577	(10.8)	626	(7.2)	649	(12.7)
United Kingdom (England)	317	(6.5)	358	(4.8)	431	(3.3)	567	(3.0)	622	(3.6)	654	(4.0)
United Kingdom (Northern Ireland)	311	(8.3)	352	(8.7)	424	(5.5)	572	(3.2)	627	(4.8)	659	(6.0)
United Kingdom (Wales)	312	(8.1)	352	(7.7)	417	(4.7)	550	(3.7)	603	(5.2)	635	(6.4)

Note: Values that are statistically significant are indicated in bold (see Annex A3). See Table 6.1c for national data.

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[Part 1/1]

Table S6d Percentage of students at each proficiency level on the mathematics scale

Tableau S6d Pourcentage d'élèves à chaque niveau de compétence sur l'échelle de culture mathématique

	Proficiency levels													
	Below Level 1 (below 357.77 score points)		Level 1 (from 357.77 to 420.07 score points)		Level 2 (from 420.07 to 482.38 score points)		Level 3 (from 482.38 to 544.68 score points)		Level 4 (from 544.68 to 606.99 score points)		Level 5 (from 606.99 to 669.30 score points)		Level 6 (above 669.30 score points)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
Adjudicated														
Belgium (Flemish Community)	4.2	(1.0)	7.7	(0.7)	14.0	(0.8)	20.8	(1.0)	24.7	(1.1)	19.9	(0.8)	8.7	(0.7)
Italy (Provincia Autonoma of Bolzano)	4.1	(0.5)	10.1	(1.3)	21.6	(1.6)	27.2	(1.6)	22.3	(1.4)	11.4	(0.9)	3.3	(0.7)
Italy (Provincia Campania)	18.6	(2.4)	25.7	(2.1)	28.1	(2.2)	17.6	(1.6)	6.2	(1.2)	1.8	(0.6)	1.9	(1.8)
Italy (Provincia Basilicata)	15.3	(1.9)	23.1	(1.6)	29.4	(1.5)	20.8	(1.6)	8.9	(1.1)	2.3	(0.5)	0.2	(0.3)
Italy (Provincia Emilia Romagna)	8.7	(1.0)	14.0	(1.2)	20.5	(1.5)	25.0	(1.6)	20.2	(1.2)	9.1	(0.9)	2.6	(0.6)
Italy (Provincia Friuli Venezia Giulia)	3.6	(0.7)	10.0	(0.9)	20.9	(1.4)	29.9	(1.6)	22.4	(1.3)	10.2	(1.1)	3.1	(0.7)
Italy (Provincia Sicilia)	23.5	(2.7)	25.4	(1.6)	25.4	(1.9)	16.1	(1.9)	7.5	(1.0)	1.9	(0.5)	0.2	(0.2)
Italy (Provincia Liguria)	10.4	(1.6)	16.8	(1.7)	25.7	(2.1)	26.0	(1.8)	15.3	(1.9)	4.7	(1.1)	1.1	(0.6)
Italy (Provincia Lombardia)	8.5	(2.1)	14.6	(1.7)	22.8	(1.7)	26.8	(2.0)	18.3	(1.7)	7.7	(1.2)	1.4	(0.5)
Italy (Provincia Piemonte)	6.0	(1.3)	12.8	(1.5)	26.0	(2.1)	28.5	(1.9)	18.5	(1.4)	6.8	(1.1)	1.5	(0.5)
Italy (Provincia Trento)	6.4	(0.6)	11.4	(0.7)	19.2	(1.0)	25.7	(1.5)	22.5	(1.6)	11.3	(1.5)	3.5	(0.9)
Italy (Provincia Sardegna)	23.2	(2.6)	22.1	(1.9)	24.6	(1.6)	18.1	(1.8)	8.5	(1.4)	3.0	(0.8)	0.4	(0.2)
Italy (Provincia Puglia)	16.7	(1.6)	26.3	(2.2)	28.2	(2.2)	18.8	(1.9)	8.1	(1.1)	1.8	(0.5)	0.2	(0.2)
Italy (Provincia Veneto)	4.4	(0.7)	12.3	(1.6)	21.5	(2.5)	25.1	(2.0)	22.4	(2.3)	11.0	(1.3)	3.4	(0.8)
Spain (Andalusia)	10.9	(1.3)	19.0	(1.4)	28.0	(1.4)	25.0	(1.7)	13.0	(1.2)	3.6	(0.7)	0.5	(0.2)
Spain (Basque Country)	5.1	(0.7)	11.8	(1.0)	23.0	(1.0)	28.2	(1.0)	21.7	(1.1)	8.5	(0.7)	1.6	(0.3)
Spain (Cantabria)	5.7	(0.7)	11.2	(1.1)	22.6	(1.7)	27.9	(1.4)	22.2	(1.5)	8.6	(1.1)	1.8	(0.5)
Spain (Galicia)	5.3	(0.7)	13.0	(1.1)	25.4	(1.6)	28.8	(1.2)	18.9	(1.7)	7.0	(1.1)	1.6	(0.5)
Spain (La Rioja)	3.1	(0.5)	8.0	(1.1)	18.8	(1.3)	27.0	(1.6)	24.8	(1.5)	13.8	(1.3)	4.5	(0.8)
Spain (Castile and Leon)	2.6	(0.5)	9.8	(1.1)	22.4	(1.3)	28.9	(1.2)	22.4	(1.4)	11.0	(0.9)	2.8	(0.5)
Spain (Navarre)	4.4	(0.9)	11.0	(1.1)	20.7	(1.5)	24.2	(1.5)	23.1	(1.3)	13.3	(1.2)	3.2	(0.8)
Spain (Aragon)	5.9	(0.8)	10.7	(1.2)	20.8	(1.4)	23.8	(1.2)	21.9	(1.3)	12.1	(1.3)	4.7	(0.8)
Spain (Catalonia)	7.6	(1.1)	13.4	(1.2)	25.2	(1.7)	27.4	(1.7)	18.3	(1.7)	6.8	(1.3)	1.3	(0.5)
Spain (Asturias)	4.8	(1.0)	11.7	(1.8)	24.8	(1.9)	30.3	(1.6)	19.9	(1.6)	7.2	(1.1)	1.3	(0.4)
United Kingdom (Scotland)	3.8	(0.7)	11.7	(0.9)	24.1	(1.1)	28.2	(1.2)	20.0	(1.2)	9.4	(0.9)	2.7	(0.5)
Non-adjudicated														
Belgium (French Community)	11.0	(1.5)	13.5	(1.2)	20.8	(1.1)	22.2	(1.0)	18.2	(1.0)	10.8	(1.0)	3.4	(0.5)
Belgium (German-Speaking Community)	6.2	(0.8)	10.7	(1.2)	19.0	(1.6)	24.1	(2.1)	22.6	(1.6)	13.1	(1.3)	4.3	(0.8)
Finland (Finnish Speaking)	1.1	(0.2)	4.7	(0.5)	14.2	(0.7)	27.1	(0.7)	28.2	(0.8)	18.3	(0.8)	6.4	(0.5)
Finland (Swedish Speaking)	1.5	(0.9)	6.8	(1.8)	17.7	(3.7)	29.2	(4.2)	26.4	(4.4)	14.4	(2.8)	4.0	(1.7)
United Kingdom (England)	6.0	(0.7)	13.9	(0.8)	24.7	(1.0)	26.2	(0.8)	18.0	(0.7)	8.7	(0.6)	2.5	(0.3)
United Kingdom (Northern Ireland)	7.3	(0.9)	15.3	(1.0)	23.2	(1.1)	23.3	(1.3)	18.8	(1.0)	9.6	(0.8)	2.6	(0.3)
United Kingdom (Wales)	6.0	(0.5)	16.1	(0.9)	27.0	(1.1)	27.5	(1.1)	16.1	(1.1)	6.0	(0.6)	1.2	(0.3)

Note: See Table 6.2a for national data.

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[Part 1/2]

Table S6e Percentage of students at each proficiency level on the mathematics scale, by gender

Tableau S6e Pourcentage d'élèves à chaque niveau de compétence sur l'échelle de culture mathématique, selon le sexe

	Males – Proficiency levels													
	Below Level 1 (below 357.77 score points)		Level 1 (from 357.77 to 420.07 score points)		Level 2 (from 420.07 to 482.38 score points)		Level 3 (from 482.38 to 544.68 score points)		Level 4 (from 544.68 to 606.99 score points)		Level 5 (from 606.99 to 669.30 score points)		Level 6 (above 669.30 score points)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
Adjudicated														
Belgium (Flemish Community)	3.5	(1.2)	7.9	(1.0)	14.1	(1.0)	19.6	(1.5)	23.6	(1.3)	20.9	(1.1)	10.4	(0.9)
Italy (Provincia Autonoma of Bolzano)	4.2	(0.8)	9.3	(1.5)	18.2	(1.9)	26.3	(2.0)	23.5	(1.7)	13.6	(1.4)	5.0	(0.9)
Italy (Provincia Campania)	14.6	(1.9)	21.4	(2.7)	28.4	(2.7)	22.0	(2.1)	9.0	(1.8)	2.7	(0.9)	1.9	(1.8)
Italy (Provincia Basilicata)	16.4	(2.7)	22.6	(2.0)	26.5	(2.0)	21.1	(2.2)	10.6	(1.3)	2.6	(0.6)	0.3	a
Italy (Provincia Emilia Romagna)	5.6	(1.5)	11.3	(1.8)	19.2	(1.9)	27.4	(2.9)	22.5	(2.2)	10.3	(1.3)	3.7	(0.9)
Italy (Provincia Friuli Venezia Giulia)	3.2	(0.9)	8.9	(1.4)	19.6	(2.2)	28.3	(2.2)	23.8	(2.0)	12.0	(1.7)	4.2	(1.0)
Italy (Provincia Sicilia)	23.0	(2.9)	23.9	(2.8)	23.3	(2.6)	16.4	(2.7)	9.7	(1.5)	3.4	(1.1)	0.3	(0.3)
Italy (Provincia Liguria)	11.4	(2.5)	16.0	(2.3)	23.8	(2.9)	24.6	(2.4)	16.5	(2.3)	6.0	(1.3)	1.6	(1.0)
Italy (Provincia Lombardia)	9.9	(3.8)	14.8	(2.5)	21.8	(2.5)	23.7	(2.1)	17.7	(2.5)	9.9	(2.2)	2.2	(0.9)
Italy (Provincia Piemonte)	6.9	(1.8)	12.2	(2.3)	24.8	(3.2)	28.2	(2.7)	18.2	(2.0)	7.9	(1.4)	1.8	(0.7)
Italy (Provincia Trento)	6.5	(1.0)	10.5	(1.1)	17.3	(1.7)	22.5	(2.0)	22.3	(1.9)	14.8	(2.1)	6.0	(1.6)
Italy (Provincia Sardegna)	21.8	(3.5)	19.1	(2.0)	24.6	(2.6)	18.4	(2.3)	10.7	(1.9)	4.7	(1.3)	0.8	(0.4)
Italy (Provincia Puglia)	16.2	(2.2)	24.4	(2.3)	27.6	(2.1)	19.7	(2.3)	9.5	(1.3)	2.3	(0.6)	0.3	(0.3)
Italy (Provincia Veneto)	2.8	(0.7)	10.2	(2.5)	20.1	(3.7)	24.5	(2.6)	23.2	(2.6)	13.9	(1.7)	5.2	(1.2)
Spain (Andalusia)	9.9	(1.5)	19.0	(2.3)	25.9	(2.6)	25.5	(3.1)	14.6	(2.0)	4.5	(1.1)	0.6	(0.3)
Spain (Basque Country)	5.9	(0.9)	12.4	(1.3)	21.4	(1.5)	26.4	(1.6)	21.8	(1.3)	10.0	(1.1)	2.1	(0.5)
Spain (Cantabria)	6.2	(1.0)	11.2	(1.6)	20.5	(2.4)	26.1	(1.9)	22.5	(2.1)	10.9	(1.7)	2.6	(0.8)
Spain (Galicia)	6.0	(1.1)	12.3	(1.3)	23.6	(1.6)	26.8	(1.7)	20.4	(2.3)	8.4	(1.6)	2.5	(0.7)
Spain (La Rioja)	2.7	(0.8)	7.9	(1.4)	16.8	(1.8)	25.7	(2.2)	26.2	(2.1)	15.3	(2.2)	5.3	(1.3)
Spain (Castile and Leon)	2.6	(0.6)	9.8	(1.6)	20.2	(1.9)	28.2	(2.2)	23.1	(2.1)	12.4	(1.7)	3.7	(0.9)
Spain (Navarre)	4.2	(1.0)	11.9	(1.8)	19.0	(2.3)	22.3	(2.0)	23.2	(1.6)	15.0	(1.7)	4.5	(1.1)
Spain (Aragon)	4.8	(1.0)	10.0	(1.4)	20.0	(1.9)	22.9	(1.7)	23.1	(1.9)	13.2	(1.6)	6.0	(1.4)
Spain (Catalonia)	7.6	(1.6)	12.6	(2.1)	23.7	(1.9)	26.9	(2.5)	18.6	(1.9)	8.6	(1.8)	1.9	(0.9)
Spain (Asturias)	5.2	(1.3)	11.2	(2.0)	22.3	(1.8)	30.1	(2.3)	20.4	(2.1)	9.0	(1.6)	1.8	(0.6)
United Kingdom (Scotland)	3.9	(0.8)	10.5	(1.2)	21.3	(1.5)	27.9	(1.9)	22.0	(1.5)	10.9	(1.2)	3.5	(0.7)
Non-adjudicated														
Belgium (French Community)	12.5	(2.1)	13.7	(2.2)	19.2	(1.7)	20.8	(1.3)	17.4	(1.5)	11.8	(1.3)	4.5	(0.7)
Belgium (German-Speaking Community)	6.8	(1.2)	10.5	(1.7)	17.7	(2.1)	21.4	(2.3)	22.2	(2.3)	15.5	(1.8)	6.0	(1.5)
Finland (Finnish Speaking)	1.2	(0.3)	4.7	(0.8)	13.4	(1.0)	24.9	(1.1)	27.7	(1.1)	19.9	(1.1)	8.2	(0.7)
Finland (Swedish Speaking)	2.7	(1.7)	4.5	(2.2)	12.2	(4.1)	29.5	(3.7)	30.2	(4.5)	16.9	(3.1)	4.1	(3.2)
United Kingdom (England)	5.8	(0.9)	12.6	(1.0)	22.7	(1.2)	25.2	(1.2)	19.6	(1.0)	10.7	(0.8)	3.5	(0.4)
United Kingdom (Northern Ireland)	7.5	(1.2)	15.1	(1.4)	22.0	(1.7)	22.5	(1.6)	19.0	(1.6)	10.8	(1.1)	3.1	(0.5)
United Kingdom (Wales)	5.4	(0.7)	14.7	(1.3)	25.0	(1.4)	27.8	(1.6)	18.3	(1.5)	7.2	(1.1)	1.6	(0.5)

Note: See Table 6.2b for national data.

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[Part 2/2]

Table S6e Percentage of students at each proficiency level on the mathematics scale, by gender

Tableau S6e Pourcentage d'élèves à chaque niveau de compétence sur l'échelle de culture mathématique, selon le sexe

	Females – Proficiency levels													
	Below Level 1 (below 357.77 score points)		Level 1 (from 357.77 to 420.07 score points)		Level 2 (from 420.07 to 482.38 score points)		Level 3 (from 482.38 to 544.68 score points)		Level 4 (from 544.68 to 606.99 score points)		Level 5 (from 606.99 to 669.30 score points)		Level 6 (above 669.30 score points)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
Adjudicated														
Belgium (Flemish Community)	5.1	(0.9)	7.4	(0.9)	13.9	(1.1)	22.3	(1.3)	25.8	(1.3)	18.8	(1.4)	6.7	(0.9)
Italy (Provincia Autonoma of Bolzano)	4.0	(0.9)	10.9	(1.8)	24.9	(2.7)	28.2	(2.4)	21.1	(1.8)	9.2	(1.4)	1.6	(0.6)
Italy (Provincia Campania)	22.5	(3.5)	30.0	(2.6)	27.8	(2.9)	13.3	(2.3)	3.5	(1.0)	1.0	(0.6)	1.9	(1.8)
Italy (Provincia Basilicata)	14.1	(1.8)	23.7	(2.4)	32.6	(2.4)	20.5	(2.7)	7.0	(1.6)	1.9	(0.8)	0.1	a
Italy (Provincia Emilia Romagna)	11.8	(1.6)	16.7	(1.2)	21.9	(1.9)	22.6	(1.7)	17.8	(1.8)	7.8	(1.5)	1.5	(0.7)
Italy (Provincia Friuli Venezia Giulia)	3.9	(1.1)	11.1	(1.9)	22.2	(1.9)	31.5	(1.9)	21.1	(1.9)	8.3	(1.3)	2.0	(0.8)
Italy (Provincia Sicilia)	24.0	(3.3)	26.7	(2.6)	27.5	(2.4)	15.9	(2.4)	5.4	(1.0)	0.5	a	0.0	a
Italy (Provincia Liguria)	9.3	(1.4)	17.6	(2.1)	27.8	(2.4)	27.5	(2.3)	14.0	(2.2)	3.3	(1.2)	0.6	(0.3)
Italy (Provincia Lombardia)	7.1	(1.3)	14.4	(2.0)	23.7	(2.2)	29.8	(3.0)	18.8	(2.5)	5.6	(1.2)	0.5	(0.4)
Italy (Provincia Piemonte)	5.2	(1.4)	13.4	(1.6)	27.0	(2.9)	28.8	(2.8)	18.7	(2.0)	5.8	(1.3)	1.2	(0.6)
Italy (Provincia Trento)	6.3	(0.9)	12.2	(1.4)	21.1	(1.9)	28.9	(2.1)	22.6	(2.3)	7.9	(1.7)	0.9	(0.5)
Italy (Provincia Sardegna)	24.7	(3.2)	25.1	(2.9)	24.6	(2.5)	17.9	(2.1)	6.3	(1.4)	1.2	(0.6)	0.1	a
Italy (Provincia Puglia)	17.2	(1.7)	28.2	(2.7)	28.7	(3.2)	17.8	(2.2)	6.7	(1.3)	1.4	(0.5)	0.1	a
Italy (Provincia Veneto)	6.0	(1.1)	14.6	(2.2)	23.0	(2.6)	25.6	(2.6)	21.5	(3.7)	7.9	(1.9)	1.4	(0.7)
Spain (Andalusia)	11.9	(1.6)	19.1	(1.8)	29.9	(1.9)	24.6	(2.3)	11.5	(1.4)	2.7	(0.7)	0.3	(0.2)
Spain (Basque Country)	4.3	(0.7)	11.2	(1.2)	24.6	(1.4)	30.0	(1.4)	21.6	(1.6)	7.1	(0.8)	1.1	(0.3)
Spain (Cantabria)	5.2	(1.0)	11.2	(1.4)	24.6	(2.0)	29.8	(2.0)	22.0	(1.9)	6.2	(1.1)	1.0	(0.3)
Spain (Galicia)	4.5	(0.8)	13.9	(1.7)	27.3	(2.6)	31.1	(1.5)	17.2	(1.8)	5.4	(1.2)	0.6	(0.4)
Spain (La Rioja)	3.4	(0.8)	8.2	(1.5)	20.9	(1.8)	28.4	(2.1)	23.3	(1.9)	12.2	(1.5)	3.6	(1.0)
Spain (Castile and Leon)	2.6	(0.9)	9.8	(1.4)	24.7	(2.3)	29.7	(1.9)	21.7	(1.7)	9.5	(1.4)	1.9	(0.6)
Spain (Navarre)	4.7	(1.3)	10.1	(1.4)	22.4	(2.6)	26.2	(2.3)	23.0	(2.0)	11.7	(1.5)	1.9	(0.7)
Spain (Aragon)	7.1	(1.0)	11.4	(1.6)	21.6	(1.8)	24.7	(1.9)	20.8	(2.2)	10.9	(1.7)	3.4	(0.7)
Spain (Catalonia)	7.6	(1.1)	14.2	(1.4)	26.6	(2.2)	27.9	(2.0)	18.0	(2.1)	5.1	(1.4)	0.6	(0.3)
Spain (Asturias)	4.4	(1.3)	12.2	(2.2)	27.3	(2.9)	30.5	(2.2)	19.3	(2.1)	5.3	(1.3)	0.9	(0.5)
United Kingdom (Scotland)	3.7	(0.9)	13.0	(1.2)	27.0	(1.7)	28.5	(1.6)	18.0	(1.5)	7.9	(1.1)	1.9	(0.6)
Non-adjudicated														
Belgium (French Community)	9.3	(1.4)	13.4	(1.2)	22.5	(1.5)	23.7	(1.6)	19.0	(1.4)	9.7	(1.3)	2.3	(0.6)
Belgium (German-Speaking Community)	5.6	(1.3)	10.9	(2.0)	20.3	(2.2)	26.8	(3.6)	23.1	(2.3)	10.7	(2.1)	2.6	(0.9)
Finland (Finnish Speaking)	1.1	(0.3)	4.7	(0.8)	15.0	(1.1)	29.2	(1.1)	28.6	(1.2)	16.7	(0.9)	4.7	(0.6)
Finland (Swedish Speaking)	0.3	(0.4)	9.1	(2.9)	23.4	(5.5)	29.0	(6.5)	22.5	(6.0)	11.9	(4.8)	3.9	(1.8)
United Kingdom (England)	6.3	(0.7)	15.1	(1.1)	26.7	(1.5)	27.2	(1.3)	16.4	(0.9)	6.8	(0.7)	1.5	(0.4)
United Kingdom (Northern Ireland)	7.1	(1.1)	15.5	(1.6)	24.3	(1.5)	24.1	(1.8)	18.5	(1.4)	8.3	(1.1)	2.1	(0.5)
United Kingdom (Wales)	6.7	(0.8)	17.6	(1.7)	29.0	(1.5)	27.2	(1.4)	14.0	(1.4)	4.9	(0.8)	0.8	(0.3)

Note: See Table 6.2b for national data.

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[Part 1/1]

Table S6f Mean score, variation and gender differences in student performance on the mathematics scale

Tableau S6f Score moyen, différences de score selon le sexe et répartition des scores sur l'échelle de culture mathématique

	All students				Gender differences					
	Mean score		Standard deviation		Males		Females		Difference (M - F)	
	Mean	S.E.	S.D.	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.
Adjudicated										
Belgium (Flemish Community)	543	(3.7)	98	(3.0)	549	(4.4)	537	(4.5)	**12**	(5.0)
Italy (Provincia Autonoma of Bolzano)	513	(1.8)	88	(1.6)	523	(3.0)	503	(2.5)	**20**	(4.1)
Italy (Provincia Campania)	436	(9.0)	92	(10.3)	453	(8.8)	420	(9.9)	**33**	(6.9)
Italy (Provincia Basilicata)	443	(5.0)	84	(3.3)	445	(6.8)	442	(5.4)	3	(7.2)
Italy (Provincia Emilia Romagna)	494	(3.4)	96	(2.2)	510	(4.8)	478	(4.3)	**32**	(6.3)
Italy (Provincia Friuli Venezia Giulia)	513	(3.6)	84	(2.5)	521	(5.7)	505	(4.7)	**16**	(7.8)
Italy (Provincia Sicilia)	423	(6.5)	90	(4.2)	431	(7.9)	415	(7.6)	16	(8.5)
Italy (Provincia Liguria)	473	(6.4)	89	(3.5)	476	(8.7)	469	(5.9)	7	(7.7)
Italy (Provincia Lombardia)	487	(6.6)	92	(4.9)	488	(11.2)	486	(5.6)	2	(11.8)
Italy (Provincia Piemonte)	492	(4.8)	85	(3.7)	493	(6.6)	490	(5.2)	3	(6.8)
Italy (Provincia Trento)	508	(2.3)	95	(1.6)	520	(3.8)	497	(3.0)	**22**	(5.1)
Italy (Provincia Sardegna)	429	(6.9)	99	(3.6)	440	(9.0)	419	(7.5)	**21**	(10.0)
Italy (Provincia Puglia)	435	(4.8)	88	(4.7)	440	(5.5)	430	(5.0)	**10**	(4.7)
Italy (Provincia Veneto)	510	(6.2)	90	(2.7)	525	(7.8)	495	(7.8)	**29**	(10.3)
Spain (Andalusia)	463	(4.2)	85	(2.2)	468	(5.3)	457	(4.3)	**11**	(4.7)
Spain (Basque Country)	501	(3.4)	85	(1.8)	502	(4.2)	500	(3.4)	3	(3.3)
Spain (Cantabria)	502	(2.6)	86	(2.0)	506	(4.0)	497	(3.5)	9	(5.2)
Spain (Galicia)	494	(4.1)	83	(1.9)	499	(4.8)	488	(4.3)	**10**	(4.4)
Spain (La Rioja)	526	(2.2)	87	(2.4)	533	(3.5)	519	(3.5)	**13**	(5.5)
Spain (Castile and Leon)	515	(3.3)	82	(1.3)	520	(3.9)	509	(3.9)	**11**	(4.0)
Spain (Navarre)	515	(3.5)	90	(2.2)	520	(4.4)	510	(4.6)	10	(5.8)
Spain (Aragon)	513	(4.5)	97	(2.2)	521	(5.7)	504	(5.2)	**18**	(6.1)
Spain (Catalonia)	488	(5.2)	87	(2.5)	493	(6.3)	482	(5.2)	**11**	(5.1)
Spain (Asturias)	497	(4.9)	82	(2.2)	502	(6.1)	493	(4.9)	9	(5.4)
United Kingdom (Scotland)	506	(3.6)	85	(1.9)	514	(4.2)	498	(4.0)	**16**	(4.0)
Non-adjudicated										
Belgium (French Community)	490	(5.2)	109	(5.8)	490	(7.3)	491	(5.5)	-1	(7.9)
Belgium (German-Speaking Community)	514	(3.1)	97	(2.4)	520	(4.4)	509	(4.9)	12	(7.1)
Finland (Finnish Speaking)	549	(2.3)	81	(1.1)	555	(2.8)	543	(2.6)	**11**	(2.7)
Finland (Swedish Speaking)	533	(7.5)	81	(3.9)	542	(7.5)	524	(9.4)	**18**	(8.5)
United Kingdom (England)	495	(2.5)	89	(1.6)	504	(3.0)	487	(3.1)	**17**	(3.5)
United Kingdom (Northern Ireland)	494	(2.8)	93	(1.9)	497	(5.3)	491	(4.4)	7	(8.1)
United Kingdom (Wales)	484	(2.9)	83	(1.2)	492	(3.1)	476	(3.5)	**16**	(3.3)

	Percentiles											
	5th		10th		25th		75th		90th		95th	
	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
Adjudicated												
Belgium (Flemish Community)	366	(10.8)	409	(8.8)	479	(5.0)	616	(3.0)	663	(3.3)	688	(3.4)
Italy (Provincia Autonoma of Bolzano)	367	(5.4)	401	(5.3)	453	(3.8)	575	(2.8)	627	(4.4)	654	(4.2)
Italy (Provincia Campania)	298	(10.3)	327	(8.2)	376	(7.6)	489	(8.8)	545	(15.7)	586	(30.3)
Italy (Provincia Basilicata)	305	(8.7)	335	(7.6)	388	(7.1)	501	(5.6)	551	(5.7)	580	(7.4)
Italy (Provincia Emilia Romagna)	332	(7.0)	366	(7.1)	429	(5.4)	563	(4.4)	614	(4.8)	644	(6.7)
Italy (Provincia Friuli Venezia Giulia)	373	(6.6)	403	(5.0)	458	(4.3)	569	(4.4)	619	(6.0)	651	(9.6)
Italy (Provincia Sicilia)	278	(15.9)	310	(11.7)	362	(8.1)	484	(6.6)	542	(7.8)	570	(7.7)
Italy (Provincia Liguria)	324	(8.3)	356	(7.9)	413	(8.2)	533	(7.3)	584	(7.8)	612	(10.9)
Italy (Provincia Lombardia)	329	(19.7)	367	(13.3)	426	(8.0)	551	(7.1)	603	(5.7)	631	(8.0)
Italy (Provincia Piemonte)	349	(11.3)	384	(8.8)	437	(5.5)	549	(6.0)	599	(7.0)	627	(7.7)
Italy (Provincia Trento)	346	(5.1)	383	(3.9)	444	(3.0)	574	(3.1)	628	(5.5)	657	(6.3)
Italy (Provincia Sardegna)	260	(11.7)	298	(11.1)	364	(9.6)	498	(8.3)	555	(9.2)	591	(9.3)
Italy (Provincia Puglia)	303	(8.3)	334	(3.9)	381	(4.7)	492	(7.0)	545	(7.0)	572	(7.2)
Italy (Provincia Veneto)	364	(6.1)	394	(6.0)	447	(7.0)	574	(7.8)	624	(7.7)	654	(8.5)
Spain (Andalusia)	321	(9.1)	353	(7.1)	406	(6.1)	521	(4.4)	571	(5.7)	599	(5.3)
Spain (Basque Country)	357	(7.0)	390	(4.6)	445	(4.3)	562	(3.5)	607	(3.8)	634	(4.0)
Spain (Cantabria)	351	(7.5)	386	(6.3)	445	(4.8)	562	(4.0)	609	(5.3)	636	(5.9)
Spain (Galicia)	356	(5.6)	389	(6.0)	439	(4.8)	551	(5.5)	600	(6.3)	629	(7.8)
Spain (La Rioja)	381	(9.2)	415	(4.9)	468	(3.5)	588	(3.8)	638	(4.5)	664	(7.3)
Spain (Castile and Leon)	382	(6.5)	410	(5.5)	459	(4.2)	572	(4.2)	623	(4.2)	650	(5.9)
Spain (Navarre)	363	(8.3)	395	(5.5)	449	(5.1)	582	(4.0)	630	(5.1)	656	(5.8)
Spain (Aragon)	349	(7.6)	387	(7.3)	448	(4.7)	580	(5.9)	634	(5.6)	667	(7.6)
Spain (Catalonia)	336	(8.3)	372	(7.3)	432	(5.0)	547	(5.8)	597	(7.8)	626	(6.8)
Spain (Asturias)	359	(10.5)	393	(7.5)	444	(6.4)	553	(5.7)	600	(6.1)	628	(8.5)
United Kingdom (Scotland)	367	(6.2)	398	(4.6)	447	(4.2)	564	(4.7)	616	(5.1)	647	(6.5)
Non-adjudicated												
Belgium (French Community)	302	(16.1)	352	(10.2)	421	(5.2)	568	(5.3)	626	(5.6)	655	(5.3)
Belgium (German-Speaking Community)	346	(8.4)	385	(8.1)	451	(5.9)	584	(5.3)	636	(5.6)	664	(6.1)
Finland (Finnish Speaking)	413	(5.4)	445	(3.4)	495	(2.7)	606	(2.7)	652	(2.9)	678	(3.1)
Finland (Swedish Speaking)	399	(14.8)	431	(13.4)	478	(12.1)	591	(10.6)	639	(14.0)	662	(10.5)
United Kingdom (England)	350	(6.1)	380	(3.7)	434	(3.1)	557	(3.0)	613	(3.6)	643	(4.3)
United Kingdom (Northern Ireland)	341	(6.8)	373	(4.9)	427	(4.3)	561	(3.5)	616	(3.4)	647	(4.8)
United Kingdom (Wales)	351	(4.0)	378	(3.7)	428	(3.0)	541	(3.4)	592	(4.4)	621	(4.9)

Note: Values that are statistically significant are indicated in bold (see Annex A3). See Table 6.2c for national data.

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[Part 1/1]

Table S6g Trends in reading since PISA 2000

Tableau S6g Évolution des performances en compréhension de l'écrit depuis PISA 2000

	Differences in reading performance between PISA 2003 and PISA 2000 (PISA 2003 – PISA 2000)							
	All students		Males		Females		Gender difference (M – F)	
	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
Adjudicated								
Belgium (Flemish Community)	-2	(7.1)	0	(8.8)	-7	(8.2)	7	(9.5)
United Kingdom (Scotland)	-10	(7.0)	-7	(7.6)	***-14***	(7.6)	7	(6.3)
Non-adjudicated								
Belgium (French Community)	1	(10.3)	-4	(12.6)	6	(11.2)	-11	(13.2)

	Differences in reading performance between PISA 2006 and PISA 2000 (PISA 2006 – PISA 2000)							
	All students		Males		Females		Gender difference (M – F)	
	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
Adjudicated								
Belgium (Flemish Community)	-10	(7.7)	-11	(9.4)	-11	(8.5)	0	(9.2)
United Kingdom (Scotland)	**-27**	(7.4)	**-25**	(8.3)	**-29**	(7.8)	4	(6.3)
Non-adjudicated								
Belgium (French Community)	-2	(10.1)	-10	(12.2)	3	(10.9)	-14	(12.3)
Belgium (German-Speaking Community)	m	m	m	m	m	m	m	m

	Differences in reading performance between PISA 2006 and PISA 2003 (PISA 2006 – PISA 2003)							
	All students		Males		Females		Gender difference (M – F)	
	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
Adjudicated								
Belgium (Flemish Community)	-8	(6.4)	-11	(7.7)	-4	(7.3)	-7	(7.9)
Italy (Provincia Autonoma of Bolzano)	**-42**	(7.4)	**-45**	(9.0)	**-36**	(7.4)	-9	(7.3)
Italy (Provincia Lombardia)	**-24**	(10.9)	-24	(16.6)	**-25**	(9.4)	1	(18.0)
Italy (Provincia Piemonte)	4	(7.9)	3	(11.0)	6	(8.4)	-3	(11.1)
Italy (Provincia Trento)	**-34**	(5.6)	**-46**	(6.8)	**-20**	(6.7)	**-26**	(7.6)
Italy (Provincia Veneto)	-3	(9.7)	0	(14.6)	-6	(10.3)	6	(17.1)
Spain (Basque Country)	-10	(6.8)	-6	(7.9)	***-13***	(6.7)	7	(5.6)
Spain (Castile and Leon)	**-21**	(6.9)	-13	(8.1)	**-26**	(7.4)	***13***	(7.1)
Spain (Catalonia)	-6	(8.1)	2	(9.0)	-12	(9.1)	14	(9.1)
United Kingdom (Scotland)	**-17**	(6.5)	**-18**	(7.4)	**-15**	(6.9)	-3	(6.2)
Non-adjudicated								
Belgium (French Community)	-3	(8.4)	-6	(10.5)	-3	(9.3)	-3	(11.7)
Belgium (German-Speaking Community)	1	(6.0)	10	(8.0)	-8	(8.2)	***18***	(11.0)

Note: Differences that are statistically significant at the 95% confidence level are indicated in bold and at the 90% confidence level are indicated in bold italic (see Annex A3). See Table 6.3a for national data.

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[Part 1/1]

Table S6h Trends in mathematics since PISA 2003

Tableau S6h Évolution des performances en mathématiques depuis PISA 2003

	Differences in mathematics performance between PISA 2006 and PISA 2003 (PISA 2006 – PISA 2003)							
	All students		Males		Females		Gender difference (M – F)	
	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
Adjudicated								
Belgium (Flemish Community)	**-10**	(4.5)	**-12**	(5.9)	-8	(5.9)	-4	(7.6)
Italy (Provincia Autonoma of Bolzano)	**-23**	(5.3)	**-29**	(6.6)	**-19**	(5.4)	***-11***	(6.1)
Italy (Provincia Lombardia)	**-33**	(10.0)	***-35***	(18.1)	**-30**	(8.6)	-5	(20.1)
Italy (Provincia Piemonte)	-2	(7.0)	-9	(9.3)	4	(8.1)	-12	(10.7)
Italy (Provincia Trento)	**-39**	(4.0)	**-51**	(5.6)	**-31**	(5.1)	**-20**	(7.3)
Italy (Provincia Veneto)	-1	(8.4)	10	(12.4)	-12	(10.3)	21	(16.1)
Spain (Basque Country)	-1	(4.7)	0	(5.9)	-1	(4.8)	1	(5.3)
Spain (Castile and Leon)	**12**	(5.4)	***11***	(6.9)	***11***	(6.3)	0	(7.5)
Spain (Catalonia)	-7	(7.1)	-11	(8.5)	-4	(7.9)	-7	(8.0)
United Kingdom (Scotland)	**-18**	(4.5)	**-14**	(5.5)	**-23**	(5.2)	9	(5.7)
Non-adjudicated								
Belgium (French Community)	-7	(6.9)	-8	(9.7)	-7	(7.8)	-2	(11.1)
Belgium (German-Speaking Community)	-1	(4.5)	8	(6.7)	-9	(6.6)	***18***	(9.9)

Note: Differences that are statistically significant at the 95% confidence level are indicated in bold and at the 90% confidence level are indicated in bold italic (see Annex A3). See Table 6.3b for national data.

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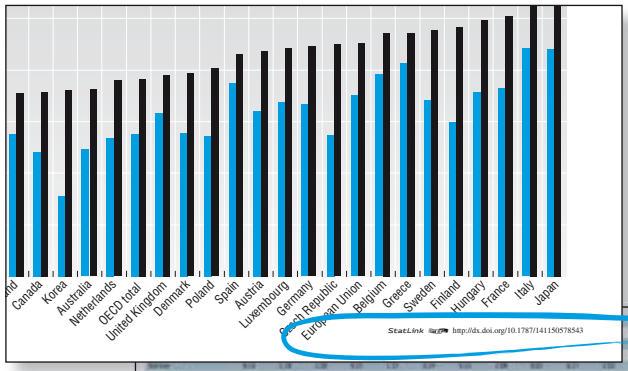
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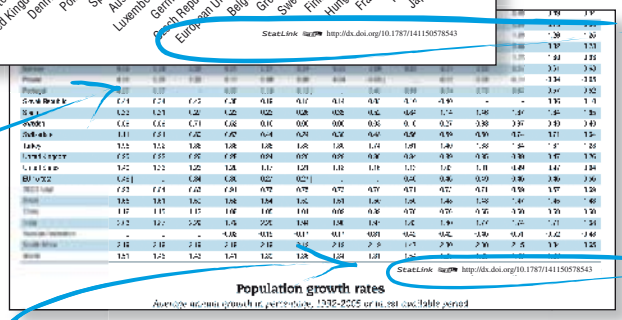
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