Quality Time for Students

LEARNING IN AND OUT OF SCHOOL



Programme for International Student Assessment

OECD

Quality Time for Students

LEARNING IN AND OUT OF SCHOOL



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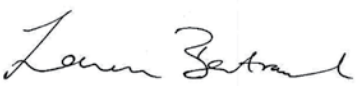
Foreword

The OECD's Programme for International Student Assessment (PISA) represents a commitment by governments to monitor student achievement within an internationally agreed framework. In the decade since its first report was issued, PISA has become the most comprehensive and rigorous student assessment programme in the world. The countries participating in PISA together make up close to 90% of the global economy.

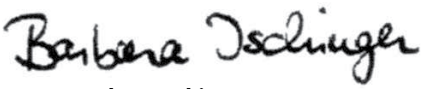
PISA 2006 focused on science literacy, although students' skills in mathematics and reading were also assessed. This report uses data from PISA 2006 to investigate the relationship between time spent in deliberate learning activities and student performance in school. While students acquire knowledge in myriad ways, the activities studied in this report are limited to school classes, after-school classes, and independent study or homework. As the report ultimately shows, the number of hours spent learning only partly influences performance in school; the quality of learning time is just as, if not more, important than the quantity.

This report was prepared and written by Francesca Borgonovi, Miyako Ikeda and Soojin Park, with editorial support from Marilyn Achiron, Simone Bloem, Marika Boiron, Niccolina Clements and Elisabeth Villoutreix. David Kaplan provided important analytical guidance in the developing of the report.

This report is published on the responsibility of the Secretary-General of the OECD.



Lorna Bertrand
Chair of the PISA Governing Board



Barbara Ischinger
Director for Education, OECD



Table of Contents

READER'S GUIDE 11

CHAPTER 1 **STUDENTS' LEARNING TIME** 15

Introduction 16

OECD Programme for International Student Assessment (PISA) 16

How PISA measures students' learning time 18

Why learning time is studied 19

Aims and organisation of the report 20

- Do students from different countries organise their learning time and activities differently? 21
- Do students from different population sub-groups within countries organise their learning time and activities differently? 21
- What are the cross-country and within-country relationships between learning time and performance? 21

References 24

CHAPTER 2 **PATTERNS OF STUDENTS' LEARNING TIME** 25

Introduction 26

Learning time in regular school lessons 26

Learning time in out-of-school-time lessons 27

Learning time in individual study 27

Allocation of learning time and different forms of deliberate learning activities 28

To what extent are students involved in out-of-school-time lessons? 33

Patterns of students' absolute and relative learning time 34

CHAPTER 3 **PATTERNS OF STUDENTS' LEARNING TIME BY POPULATION SUB-GROUPS** 37

Introduction 38

Student background characteristics 38

School characteristics 39

Characteristics of learning time 40

- Characteristics of learning time in regular school lessons and individual study 40
- Characteristics of learning time in out-of-school-time lessons 45
- Who spends more time in regular school lessons and individual study? 52
- Who spends more time in which types of out-of-school-time lessons? 52

References 55



CHAPTER 4 **RELATIONSHIPS BETWEEN STUDENTS' LEARNING TIME AND PERFORMANCE** 57

Introduction 58

Learning time and performance across countries 58

Learning time and performance within countries 64

Learning time in regular school lessons and performance 64
- Science 64
- Mathematics 65
- Language of instruction 66
- The role of students' motivation 68

Learning time in out-of-school-time lessons and performance 70
- Science 70
- Mathematics 71
- Language of instruction 71
- Performance by different types of out-of-school-time lessons 72

Learning time in individual study and performance 75
- Science 75
- Mathematics 76
- Language of instruction 76

Do students who study longer perform better? 77

Policy implications 79
- For policy makers 79
- For school administrators, teachers, parents and students 80

ANNEX 81

Annex A1: Questionnaire indices 82

Annex A2: Data tables 84

BOXES

Box 1.1 Student questionnaire items for learning time 18

Box 1.2 Student questionnaire items for out-of-school-time lessons 19

Box 1.3 Interpreting the data on students' learning time 22

Box 2.1 Patterns of learning time in regular school lessons, by country 36

Box 3.1 Summary of observed learning patterns by student and school characteristics 53

Box 4.1 Mean indices of teacher shortage and the school's educational resources, by share of learning time in regular school lessons out of the total learning time in science 63

Box 4.2 Summary of performance difference by seven types of out-of-school-time lessons 73



FIGURES

Figure 1.1 A map of PISA countries and economies 17

Figure 2.1a Mean learning hours and allocation of learning hours out of total time in science 30

Figure 2.1b Mean learning hours and allocation of learning hours out of total time in mathematics 31

Figure 2.1c Mean learning hours and allocation of learning hours out of total time on the language of instruction 32

Figure 2.2a Percentage of students taking out-of-school-time lessons with non-school teachers, by type of out-of-school-time lessons 33

Figure 2.2b Percentage of students taking out-of-school-time lessons with school teachers, by type of out-of-school-time lessons 34

Figure 2.3 Absolute learning time and relative time in regular school lessons in science, in mathematics and on the language of instruction 35

Figure 3.1 Percentage of between school variance out of total variance in regular school lessons, out-of-school-time lessons, and individual study 42

Figure 3.2 Participation rates in out-of-school-time lessons with school teachers, by gender 45

Figure 3.3a Difference in learning time in science, by quarters of the PISA index of economic, social and cultural status (ESCS) 47

Figure 3.3b Participation rates in out-of-school-time lessons with non-school teachers, by quarters of the PISA index of economic, social and cultural status (ESCS) 48

Figure 3.3c Participation rates in out-of-school-time lessons with school teachers, by quarters of the PISA index of economic, social and cultural status (ESCS) 48

Figure 3.4a Participation rates in out-of-school-time lessons with school teachers, by school location 51

Figure 3.4b Participation rates in out-of-school-time lessons with non-school teachers, by school location 51

Figure 4.1a Cross-country relationship between performance in science and learning time in regular school lessons in science 59

Figure 4.1b Cross-country relationship between performance in science and learning time in out-of-school-time lessons in science 59

Figure 4.1c Cross-country relationship between performance in science and learning time in individual study in science 60

Figure 4.2 Cross-country relationship between performance in science and percentage of total learning time allocated to regular school lessons in science 61

Figure 4.3 Within-country relationship between performance and learning time in regular school lessons, by subject (OECD average) 65

Figure 4.4 Difference in percentage of students who take optional science courses, by learning time in regular school lessons in science 68

Figure 4.5 Relationship between performance in science and learning time in regular school lessons in science, by students' perception of doing well in science 69

Figure 4.6 Within-country relationship between performance and learning time in out-of-school-time lessons, by subject (OECD average) 70

Figure 4.7 Difference in students' latent performance, by different types of out-of-school-time lessons 74

Figure 4.8 Within-country relationship between performance and learning time in individual study, by subject (OECD average) 76

TABLES

Table 2.1a Percentage of students, by time spent learning science 84

Table 2.1b Percentage of students, by time spent learning mathematics 86

Table 2.1c Percentage of students, by time spent learning the language of instruction 88

Table 2.1d Percentage of students who spend no time in out-of-school-time lessons, among those who take regular lessons at school 90

Table 2.2a Mean learning hours and allocation of total learning time in science 91

Table 2.2b Mean learning hours and allocation of total learning time in mathematics 92
Table 2.2c Mean learning hours and allocation of total learning time on the language of instruction 93
Table 2.2d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction 94
Table 2.3 Percentage of students participating in out-of-school-time lessons, by different types of out-of-school-time lessons 95
Table 3.1 Percentage of students, by immigrant status 96
Table 3.2 Percentage of students, by lower and upper secondary schools 97
Table 3.3 Percentage of students, by public and private schools 98
Table 3.4 Percentage of students, by academic and vocational orientation of schools 99
Table 3.5 Percentage of students, by school location 100
Table 3.6a Mean learning hours and allocation of total learning time in science, by gender 101
Table 3.6b Mean learning hours and allocation of total learning time in mathematics, by gender 104
Table 3.6c Mean learning hours and allocation of total learning time on the language of instruction, by gender 107
Table 3.6d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by gender 110
Table 3.7a Mean learning hours and allocation of total learning time in science, by quarters of the PISA index of economic, social and cultural status (ESCS) 113
Table 3.7b Mean learning hours and allocation of total learning time in mathematics, by quarters of the PISA index of economic, social and cultural status (ESCS) 120
Table 3.7c Mean learning hours and allocation of total learning time on the language of instruction, by quarters of the PISA index of economic, social and cultural status (ESCS) 127
Table 3.7d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by quarters of the PISA index of economic, social and cultural status (ESCS) 134
Table 3.8a Mean learning hours and allocation of total learning time in science, by immigrant status 141
Table 3.8b Mean learning hours and allocation of total learning time in mathematics, by immigrant status 144
Table 3.8c Mean learning hours and allocation of total learning time on the language of instruction, by immigrant status 147
Table 3.8d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by immigrant status 150
Table 3.9a Within- and between-school variance in learning time in science 153
Table 3.9b Within- and between-school variance in learning time in mathematics 155
Table 3.9c Within- and between-school variance in learning time on the language of instruction 157
Table 3.9d Within- and between-school variance in learning time in science, in mathematics and on the language of instruction 159
Table 3.10a Mean learning hours and allocation of total learning time in science, by lower and upper secondary schools 161
Table 3.10b Mean learning hours and allocation of total learning time in mathematics, by lower and upper secondary schools 164
Table 3.10c Mean learning hours and allocation of total learning time on the language of instruction, by lower and upper secondary schools 167
Table 3.10d Mean learning hours and allocation of total learning time in science, in mathematics and on language of instruction, by lower and upper secondary schools 170
Table 3.11a Mean learning hours and allocation of total learning time in science, by public and private schools 173
Table 3.11b Mean learning hours and allocation of total learning time in mathematics, by public and private schools 176
Table 3.11c Mean learning hours and allocation of total learning time on the language of instruction, by public and private schools 179
Table 3.11d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by public and private schools 182



Table 3.12a Mean learning hours and allocation of total learning time in science, by academic and vocational orientation of schools....185
Table 3.12b Mean learning hours and allocation of total learning time in mathematics, by academic and vocational orientation of schools....188
Table 3.12c Mean learning hours and allocation of total learning time on the language of instruction, by academic and vocational orientation of schools....191
Table 3.12d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by academic and vocational orientation of schools....194
Table 3.13a Mean learning hours and allocation of total learning time in science, by school location....197
Table 3.13b Mean learning hours and allocation of total learning time in mathematics, by school location....200
Table 3.13c Mean learning hours and allocation of total learning time on the language of instruction, by school location....203
Table 3.13d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by school location....206
Table 3.14 Percentage of students by different types of out-of-school-time lessons, by gender....209
Table 3.15 Percentage of students by different types of out-of-school-time lessons, by quarters of the PISA index of economic, social and cultural status (ESCS)....212
Table 3.16 Percentage of students by different types of out-of-school-time lessons, by immigrant status....217
Table 3.17 Percentage of students by different types of out-of-school-time lessons, by lower and upper secondary schools....222
Table 3.18 Percentage of students by different types of out-of-school-time lessons, by public and private schools....225
Table 3.19 Percentage of students by different types of out-of-school-time lessons, by academic and vocational orientation of schools....231
Table 3.20 Percentage of students by different types of out-of-school-time lessons, by school location....236
Table 4.1a Performance in science, mathematics and reading and learning time in science, in mathematics and on the language of instruction....241
Table 4.1b Cross-country relationship between absolute learning time and performance, by subject....243
Table 4.1c Cross-country relationship between relative learning time and performance, by subject....243
Table 4.2a Performance in science, by learning time in regular school lessons in science....244
Table 4.2b Performance in mathematics, by learning time in regular school lessons in mathematics....246
Table 4.2c Performance in reading, by learning time in regular school lessons on the language of instruction....248
Table 4.3 Percentage of students who think it is very important to do well in each subject, by learning time in regular school lessons....250
Table 4.4 Percentage of students who take optional science courses, by learning time in regular lessons in science....251
Table 4.5a Relationship between performance in science and learning time in regular school lessons in science, by students' perception of how important it is to do well in science....252
Table 4.5b Relationship between performance in science and learning time in regular school lessons in science, by students' perception of how important it is to do well in science in academic and vocational schools....253
Table 4.6a Performance in science, by learning time in out-of-school-time lessons in science....254
Table 4.6b Performance in mathematics, by learning time in out-of-school-time lessons in mathematics....256
Table 4.6c Performance in reading, by learning time in out-of-school-time lessons on the language of instruction....258
Table 4.7 Students' latent performance, by different types of out-of-school-time lessons....260
Table 4.8a Performance in science, by learning time in individual study in science....263
Table 4.8b Performance in mathematics, by learning time in individual study in mathematics....265
Table 4.8c Performance in reading, by learning time in individual study on the language of instruction....267



Reader's Guide

Data underlying the figures

The data referred to in this volume are presented in Annex B and, in greater 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 or no observation to provide reliable estimates (*i.e.* there are fewer than 30 students or less than five schools with valid data).

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

w Data have been withdrawn or have not been collected at the request of the country concerned.

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

Country coverage

The statistical data for Israel are supplied by and under the responsibility of the relevant Israeli authorities. The use of such data by the OECD is without prejudice to the status of the Golan Heights, East Jerusalem and Israeli settlements in the West Bank under the terms of international law.

Calculating international averages

An OECD average was calculated for most indicators presented in this report. The OECD average corresponds to the arithmetic mean of the respective country estimates.

Rounding 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 one or 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 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 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 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.

Focusing on statistically significant differences

This volume discusses only statistically significant differences or changes. These are denoted in darker colours in figures and in bold font in tables.



Abbreviations used in this report

ESCS PISA index of economic, social and cultural status

GDP Gross domestic product

ISCED International Standard Classification of Education (OECD, 1999)

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, 2009a) and the PISA website (*www.pisa.oecd.org*).



Executive Summary

At a time when the OECD and partner countries are trying to figure out how to reduce burgeoning debt and make the most of shrinking public budgets, spending on education, which averages slightly more than 6% of GDP among OECD countries, is an obvious target for scrutiny. Education officials, teachers, policy makers, parents and students are discussing the merits of shorter or longer school days or school years, how much time should be allotted to various subjects, and the usefulness of after-school lessons and independent study. This report, which draws on data from the 2006 cycle of the Programme of International Student Assessment (PISA), describes differences across and within countries in how much time students spend studying different subjects, how much time they spend in different types of learning activities, how they allocate their learning time and how they perform academically.

Across countries, the country average of learning time in regular school lessons is positively, but weakly, related to country average performance, while learning time in out-of-school-time lessons and individual study is negatively related to performance.

Some 97% of students across OECD countries report participating in regular school lessons in mathematics and in the language of instruction, while 90% report participating in regular school lessons in science. Not only is the share of students studying mathematics and the language of instruction in school greater than that of those studying science, but students also report spending more time in regular school lessons learning mathematics and the language of instruction than they do learning science. Meanwhile, students spend more time in out-of-school-time lessons on mathematics and the language of instruction than on science, and students in partner countries and economies spend more time in out-of-school-time lessons than students in OECD countries.

Across countries, findings show that students tend to perform better if a high percentage of their total learning time, including regular school lessons, out-of-school-time lessons and individual study, is dedicated to regular school lessons.

In both learning time spent in regular school lessons and in individual study, females spend more time than males, socio-economically advantaged students spend more time than disadvantaged students, students in private schools tend to spend more time than students in public schools, students in academic schools tend to spend more time than students in vocational schools, and students in urban schools tend to spend more time than students in schools in rural areas. However, students' socio-economic backgrounds may have a greater influence on learning than the individual characteristics of the schools. Across most countries, students with an immigrant background spend more time than native students in individual study.

Students who spend up to four additional hours a week doing homework or studying by themselves tend to perform better than those who spend less time in those activities; but beyond four hours per week, they do not necessarily perform better in proportion to the time they spend.

Given that out-of-school-time lessons have different meanings and functions, both across and within countries, there are differences in students' involvement in these kinds of lessons, depending on student characteristics and the particular type of lesson. For example, out-of-school-time lessons with school teachers are favoured by males, socio-economically disadvantaged students, students in lower secondary schools,



and, especially in partner countries and economies, students in schools in rural areas. Meanwhile, one-to-one, out-of-school-time lessons with non-school teachers are favoured by females, socio-economically advantaged students, students in academic schools, students in private schools and students in urban schools.

While out-of-school-time lessons can enhance learning, these lessons could also reinforce inequalities, since they vary across socio-economic groups. Group lessons led by a school teacher tend to reduce the impact of socio-economic background on performance, since socio-economically disadvantaged students are more likely to attend this type of lesson and are, in turn, more likely to achieve higher scores than students who do not participate in any out-of-school-time lessons. In contrast, group lessons with a non-school teacher tend to reinforce the impact of socio-economic background on performance, since socio-economically advantaged students are more likely to attend this type of lesson and are then more likely to achieve higher scores than students who do not participate in any out-of-school-time lesson.

Students in countries that perform well in PISA spend less time, on average, in out-of-school-time lessons and individual study, and more time in regular school lessons than students in low-performing countries. The evidence implies that it is the quality of regular school lessons, not the quantity of learning hours, that makes the most impact on student performance across countries. This positive relationship between learning time in regular school lessons and performance is even more pronounced when the time students spend in regular school lessons is considered as a share of total learning time. Countries with low relative learning time in these lessons also share some educational system characteristics that are related to low overall performance: less human and material resources, less school autonomy, and fewer standardised external examinations of student performance.

If a country wants to improve its average performance, it should encourage students from socio-economically disadvantaged backgrounds, male students, students in rural schools, students in public schools and students in vocational schools to spend more time learning science in regular school lessons.

In general, students who spend more time learning science in regular school lessons tend to achieve higher scores, yet in many countries, students who spend a long time learning mathematics and the language of instruction in regular school lessons perform less well than students who spend a moderate amount of time learning in regular school lessons. This might be because students who spend a long time in regular school lessons in science are those who choose to do so in optional courses, because they are interested in science, while students who spend a long time in regular school lessons in mathematics and in the language of instruction are obliged to do so for remedial purposes. It is crucial, then, to make the most of learning time, since students have a limited amount of it in school, and to enhance students' understanding of why it is important to learn a particular subject.

When students believe that doing well in science is very important, spending more time learning science in regular school lessons is an efficient way of improving their performance.

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1

Students' Learning Time



INTRODUCTION

At a time when OECD and partner countries are trying to figure out how to reduce burgeoning debt and make the most of shrinking public budgets, spending on education, which averages slightly more than 6% of GDP among OECD countries, is an obvious target for scrutiny. Education officials, teachers, policy makers, parents and students are discussing the merits of shorter or longer school days or school years, how much time should be allotted to various subjects, and the usefulness of lessons outside of school and independent study.

This report focuses on how learning time is used, both in and out of school. What are the ideal conditions to ensure that students use their learning time efficiently? What can schools do to maximise the learning that occurs during the limited amount of time students spend in class? In what kinds of lessons does learning time reap the most benefits?

To answer these questions, this report draws on data from the 2006 cycle of the Programme of International Student Assessment (PISA) to describe differences across and within countries in how much time students spend studying different subjects, how much time students spend in different types of learning activities, how students allocate their learning time and how they perform academically. PISA contains information on student performance and deliberate learning time in three specific subjects – science, mathematics and the language of instruction – and three specific settings – regular lessons at school (referred to as "regular school lessons" for the remainder of this report), out-of-school-time lessons, and individual study and homework (referred to as "individual study" for the remainder of this report). While learning may occur while students interact with friends, speak with neighbours, read magazines or go to the supermarket, this report examines the amount of time students spend on activities specifically intended for learning. These kinds of activities are defined as "deliberate learning" and include the amount of time, per week, that students report spending in regular school lessons, out-of-school-time lessons and individual study.

Other terms in this report are used to denote specific measures of students' learning time. "Absolute learning time" refers to the amount of deliberate learning time that students spend in each subject of science, mathematics or the language of instruction. "Relative learning time" refers to the proportion of total deliberate learning time in a given subject, either science, mathematics or the language of instruction, that is allocated to one of the three types of learning activities discussed in this report – regular school lessons, out-of-school-time lessons or individual study.

This report focuses strictly on students' deliberate learning activities and measures allocation of time for learning and for the opportunity to learn. Other constructs related to deliberate learning activities, such as engaged time (time when students are actively absorbing information) and quality of instruction time, were not captured in PISA 2006 data.

OECD PROGRAMME FOR INTERNATIONAL STUDENT ASSESSMENT (PISA)

The Programme for International Student Assessment (PISA) is one of the most rigorous and comprehensive international studies assessing students' competencies in science, mathematics and reading. PISA measures to what extent students have acquired the knowledge and skills necessary for full participation in today's knowledge-based society. The programme also explores why students perform differently in different contexts by collecting a wealth of data on individual student characteristics, students' family backgrounds and the characteristics of schools and education systems. PISA also identifies which countries are successful in achieving both high student performance and an equitable distribution of learning opportunities and, in so doing, signals sound educational policies and practices.

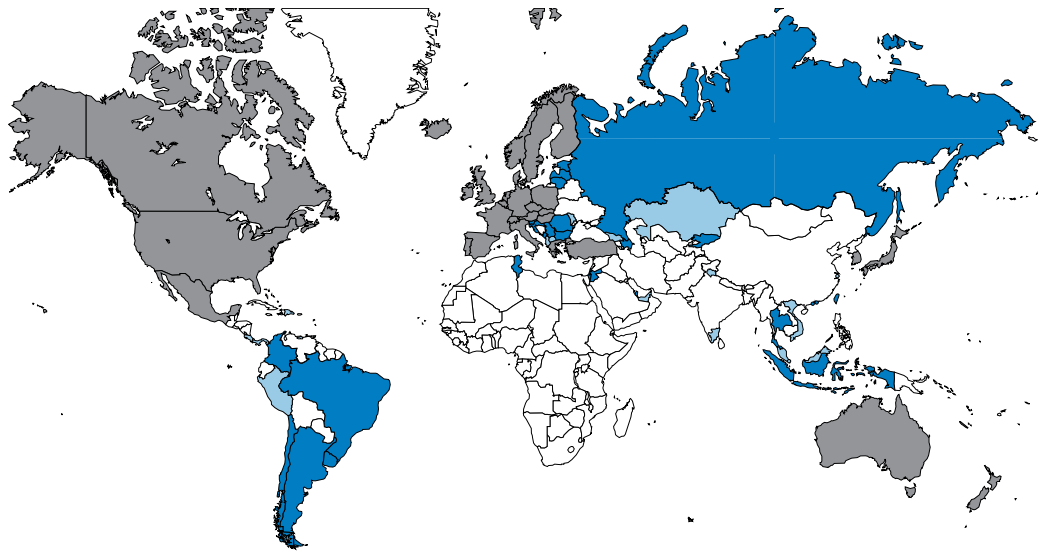
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PISA surveys assess the performance of 15-year-old students in reading, mathematics and science (the term "student" used in the rest of this report denotes a 15-year-old student unless otherwise specified). Since these students are nearing the end of their compulsory education in most countries, PISA offers an invaluable opportunity to map the skills and competencies of young people as they enter the job market for the first time.

The first PISA survey in 2000, took place in 32 countries and focused on the domain of reading. The second survey, in 2003, was carried out in 41 countries and focused on mathematics. In 2006, PISA assessed more than 400 000 students in 30 OECD countries and 27 partner countries and economies and focused on science. Each assessment covers the other two domains, albeit as minor subjects.

Figure 1.1
A map of PISA countries and economies



OECD countries*

Australia
Austria
Belgium
Canada
Czech Republic
Denmark
Finland
France
Germany
Greece
Hungary
Iceland
Ireland
Italy
Japan
Korea
Luxembourg
Mexico
Netherlands
New Zealand
Norway
Poland
Portugal
Slovak Republic
Spain
Sweden
Switzerland
Turkey
United Kingdom
United States

** These are the countries that were members of the OECD at the time of the PISA 2006 main data collection in 2006*

Partner countries and economies in PISA 2006

Argentina
Azerbaijan
Brazil
Bulgaria
Chile
Colombia
Croatia
Estonia
Hong Kong-China
Indonesia
Israel
Jordan
Kyrgyzstan
Latvia
Liechtenstein
Lithuania
Macao-China
Montenegro
Qatar
Romania
Russian Federation
Serbia
Slovenia
Chinese Taipei
Thailand
Tunisia
Uruguay

Partner countries and economies in previous PISA surveys or in PISA 2009

Albania
Costa Rica
Dominican Republic
Georgia
Himachal Pradesh-India
Kazakhstan
Macedonia
Malaysia
Malta
Mauritius
Miranda-Venezuela
Moldova
Netherlands-Antilles
Panama
Peru
Shanghai-China
Singapore
Tamil Nadu-India
Trinidad and Tobago
United Arab Emirates
Viet Nam



HOW PISA MEASURES STUDENTS' LEARNING TIME

In addition to assessment instruments, detailed student and school principal questionnaires are included in PISA, thereby ensuring that information about the students, their families and the schools they attend is collected. The questionnaires also gather information on students' attitudes, motivation levels and use of learning time. This report focuses on the part of the questionnaires that seek to find out how much time students spend learning science, mathematics and reading in deliberate learning activities, and how students allocate their learning time across different subjects.

In PISA 2006, the student questionnaire asked students to identify how many hours they spent learning different subjects in different settings. More specifically, questions probed students on the amount of time, per week, they spent studying science, mathematics, the language of instruction and other subjects in regular school lessons, out-of-school-time lessons, and individual study. Students indicated their learning time by ticking one of five possible categories: "No time", "Less than 2 hours per week", "2 or more but less than 4 hours per week", "4 or more but less than 6 hours per week", and "6 or more hours per week". The exact wording of the questions is displayed in Box 1.1.

Box 1.1 **Student questionnaire items for learning time**

Q31 **How much time do you typically spend per week studying the following subjects?**
For each subject, please indicate separately:
- the time spent attending regular lessons at your school;
- the time spent attending out-of-school-time lessons (at school, at home or somewhere else);
- the time spent studying or doing homework by yourself.

<An hour here refers to 60 minutes, not to a class period>
(Please tick only one box in each row)

		No time	Less than 2 hours a week	2 or more but less than 4 hours a week	4 or more but less than 6 hours a week	6 or more hours a week
	Science					
a)	Regular lessons in science at my school	☐1	☐2	☐3	☐4	☐5
b)	Out-of school-time lessons in science	☐1	☐2	☐3	☐4	☐5
c)	Study or homework in science by myself	☐1	☐2	☐3	☐4	☐5
	Mathematics					
d)	Regular lessons in mathematics at my school	☐1	☐2	☐3	☐4	☐5
e)	Out-of school-time lessons in mathematics	☐1	☐2	☐3	☐4	☐5
f)	Study or homework in mathematics by myself	☐1	☐2	☐3	☐4	☐5
	Test Language					
g)	Regular lessons in *test language* at my school	☐1	☐2	☐3	☐4	☐5
h)	Out-of school-time lessons in *test language*	☐1	☐2	☐3	☐4	☐5
i)	Study or homework in *test language* by myself	☐1	☐2	☐3	☐4	☐5

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Students taking part in PISA 2006 not only reported the amount of time they spent in deliberate learning activities, they also reported the type of activities they participated in, including the type of out-of-school-time lessons. These included lessons in school-related subjects that were held outside normal school hours. Lessons could be held at school, at home or elsewhere and could be taught by either school or non-school teachers, tutors or staff. Students were asked to report whether they participated in the following activities: one-to-one out-of-school-time lessons, small group out-of-school-time lessons (lessons attended by fewer than eight students) or large group out-of-school-time lessons (lessons attended by eight students or more). They were also asked to report who (school teachers or non-school teachers) oversaw them during these lessons. The exact wording of the questions is displayed in Box 1.2.

Box 1.2 **Student questionnaire items for out-of-school-time lessons**

Q32 **What type of out-of-school-time lessons do you attend currently (if any)?**
These are lessons in subjects that you are learning at school, that you spend extra time learning outside of normal school hours. The lessons might be held at your school, at your home or somewhere else. These are only lessons in subjects that you also learn at school.
(Please tick only one box in each row)

		Yes	No
a)	*One to one* lessons with a *teacher* who is also a teacher at your school	☐1	☐2
b)	*One to one* lessons with a *teacher* who is not a teacher at your school	☐1	☐2
c)	Lessons in small groups (less than 8 students) with a *teacher* who is also a teacher at your school	☐1	☐2
d)	Lessons in small groups (less than 8 students) with a *teacher* who is not a teacher at your school	☐1	☐2
e)	Lessons in larger groups (8 students or more) with a *teacher* who is also a teacher at your school	☐1	☐2
f)	Lessons in larger groups (8 students or more) with a *teacher* who is not a teacher at your school	☐1	☐2

WHY LEARNING TIME IS STUDIED

The strong association between learning time and academic performance is widely acknowledged in the literature. Not surprisingly, the more time students spend learning, on average, the higher their grades are (Fisher *et al.*, 1980; Clark and Linn, 2003; Smith, 2002). Over the years, PISA has consistently indicated that the competency levels of 15-year-old students in reading, mathematics and science differ greatly both across and within countries (OECD, 2001; OECD, 2004; OECD, 2007). One of the factors repeatedly found to be associated with students' academic performance is students' learning time. For example, students who spend more time in regular school lessons achieve higher scores in the PISA reading, science and mathematics assessment than those who devote less time to learning.

Ever since the seminal study by John B. Carroll (1963) on the degree of learning as a function of the time a student spent learning in relation to the time the student needed, educators and policy makers have attempted to understand how students' learning activities should be organised to maximise learning (Bloom, 1968). The literature suggests that optimising academic learning time is one of the key factors to improving academic achievement (Carroll, 1989; Hawley and Rosenholtz, 1984; Sheerens and Bosker, 1997; Marzano, 2003).



Thus, the length of time one spends participating in deliberate learning activities may be important, but not necessarily the most important factor in learning.

The basic premise of Carroll's model is that under fixed-time conditions, individual characteristics, such as inherent ability, motivation, social environment and schooling, work together with circumstantial factors, such as the quality of teaching, and translate into various degrees of learning and achievement. Learning time is thus necessary, but not sufficient, for acquiring knowledge. Effective learning ultimately depends on the way in which time is organised, the proportion of time dedicated to students' perseverance, or full engagement, in learning and the time students with varying aptitudes and motivation levels require to internalise concepts and elaborate ideas (Carroll, 1989).

Factors such as ability and motivation differ greatly among students (OECD, 2007) and are likely to have a strong influence on the rate of learning that occurs per hour to acquire knowledge and eventually mastery (Anderson, 1984). In other words, the learner plays a fundamental role in determining how well learning time is used.

In practice, not all time spent learning is the same, and Carroll points out that the association between learning time and achievement is likely to depend on the circumstances in which learning occurs. Individuals are constantly exposed to a multitude of stimuli. While learning takes place in a variety of formal and informal settings, not all learning is of equal value; young adults are endowed with different skills and competencies in a variety of specific domains, such as reading, mathematics and science. Research indicates that structured lesson time at school (referred to as "regular school lessons" in this report) is an important pre-requisite for students to develop the competencies that are assessed in the PISA science framework (Scheerens and Bosker, 1997; Seidel and Shavelson, 2007).

School-level factors, such as teaching practices, can also have an impact on academic performance across schools and classrooms as well as on subjects within the same classroom (Aaronson *et al.*, 2007; Hanushek, 1986). Less is known about how out-of-school-time lessons and individual study can promote academic achievement or be better organised to develop students' skills and impart knowledge.

Since deliberate learning activities, such as regular school lessons, are more apt to create a level playing field for students, it is valuable to comprehensively map students' involvement in them. Both the quantity and quality of opportunities that young people have to learn in informal situations are likely to vary significantly across social groups. Indirect evidence of this comes from studies examining possible causes for the social gradient in the cognitive skills of young children entering school (Hart and Risley, 1995; Natriello *et al.*, 1990; Huttenlocher *et al.*, 1991; Jencks and Phillips, 1998). In these studies, differences in informal learning opportunities can be attributed to: more restricted vocabulary used by adults in the social networks of children coming from disadvantaged backgrounds; lower participation rates in pre-school education among children from disadvantaged backgrounds; the lack of educational resources available to parents with little education; and the fact that the achievement gap between social groups tends to grow during school breaks, reflecting differences in what children are exposed to while outside of school and formal learning environments.

AIMS AND ORGANISATION OF THE REPORT

This report contains a comprehensive and rigorous description of learning time in a comparative context and draws on data from 57 countries and economies. Its aim is to examine cross-country and within-country variations in students' participation in deliberate learning activities and links to academic performance in science, mathematics and reading. When interpreting the results, it is important to keep in mind the limitations of the PISA data as described in Box 1.3.

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The report investigates how students organise their learning time and what effect this has on their academic performance. The questions posed by the report include:

Do students from different countries organise their learning time and activities differently?

Chapter 2 responds to this question by examining whether the time students spend learning different subjects in different settings varies by country. The report provides a detailed overview of cross-country differences in how students organise their learning time across three subjects – science, mathematics and the language of instruction – and three types of activities – regular school lessons, out-of-school-time lessons and individual study. The latter half of Chapter 2 focuses on different types of out-of-school-time lessons and describes patterns of students' learning time spent in these different types of lessons across countries.

Do students from different population sub-groups within countries organise their learning time and activities differently?

Chapter 3 investigates within-country variations in deliberate learning time and activities by comparing differences in the amount of learning time, patterns of learning time allocation across different settings, and participation rates in the different types of out-of-school-time lessons for various student sub-groups. First, the chapter focuses on individual characteristics of students, such as gender, socio-economic background and immigrant background. Then it examines the structural characteristics of schools and assesses whether students' deliberate learning time and activities are related to the characteristics of the schools themselves, such as upper secondary or lower secondary, public or private, academic or vocational and school location.

What are the cross-country and within-country relationships between learning time and performance?

Chapter 4 begins by examining the relationship across countries and then looks at the relationship within countries. While how much time students spend in deliberate learning activities is important in relation to performance, how students spend their time learning is also important. This chapter also closely examines the use of learning time in regular school lessons and out-of-school-time lessons.

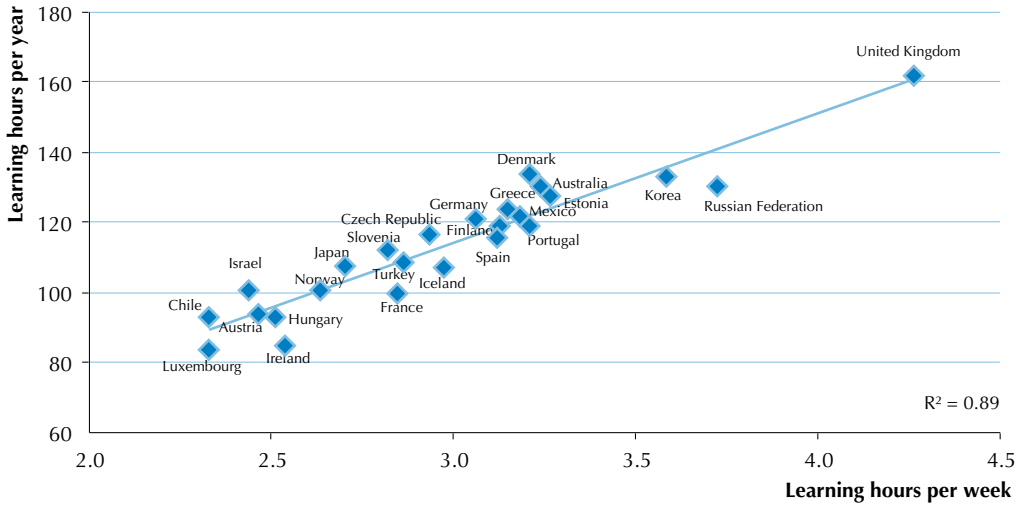
Chapters 2 and 3 also present detailed descriptive statistics on the time students spend learning, which will help highlight the relationship between students' learning time and their academic performance.



Box 1.3 Interpreting the data on students' learning time

The data on students' learning time used in this report are based on 15-year-old students' self-reports on their "typical" use of time per week at the time of the PISA data collection. The time students spend learning each subject might vary according to the week. The number of instruction weeks per year may also vary across education systems, depending on the length of the school year and vacation time. The scatter plot below presents the relationship between the numbers of hours per week and the number of hours per year spent in regular school lessons in science. The system-level data on the number of weeks of instruction time, as part of the teachers' working time (*Education at a Glance 2009*, OECD), is used as a proxy for the number of instruction weeks per year in each education system. This is then multiplied by the number of school lessons per week, taken from the students' reports in PISA. This linear relationship between two indicators, as seen in the scatter plot, confirms that the numbers of hours per week spent in regular school lessons could be a good proxy for the numbers of hours per year spent in regular school lessons.

The relationship between learning hours per week and learning hours per year



Source: *OECD PISA Database 2006*, Table 2.2a, *EAG Database 2009*, Table D4.2.

There are several reasons to be careful when interpreting the data. The deliberate learning time that students report in PISA may be only partially indicative of the learning time that shapes students' educational experiences. Earlier schooling experiences should be considered to develop a complete picture of a student's learning time. For example, students might spend more time in out-of-school-time lessons or individual study during a year when they have an entrance or exit examination.

In addition, the nature of out-of-school-time lessons is not necessarily the same across countries and even within countries. Even when students report attending the same type of out-of-school-time lessons, they might attend a lesson with different incentives and objectives. For example, some schools offer additional lessons to students who need remedial education, while other schools offer them to students who seek further enrichment. In some countries, out-of-school-time lessons with school teachers are systematic and standardised across schools, while in other countries these are organised by individual schools and the quality of lessons varies greatly from school to school.

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As practice varies among and within countries, it is difficult to generalise about the differences between out-of-school-time lessons with school teachers and those with non-school teachers. In some countries, tuition fees are charged for out-of-school-time lessons with non-school teachers, but fees are not charged for lessons with school teachers. In other countries, the opposite is true, or the setup of out-of-school-time lessons with any kind of teacher may be entirely different. Since socio-economically disadvantaged families may have difficulties paying additional tuition fees, out-of-school-time lessons could contribute to an inequality in educational opportunities. Given that out-of-school-time lessons across and within countries vary so much, and because this variability is not captured in the data in this report, it is impossible to generalise about the effects of out-of-school-time lessons.

Other factors related to out-of-school-time lessons must also be considered, such as the cost of lessons, quality of teaching, resources (textbooks, school materials, etc.) used during lessons and motivation of students to participate in lessons.

Examining the relationship between learning time and performance discussed in Chapter 4 is especially complex. Because the analysis is based on cross-sectional data, it is difficult to determine the causality of the relationships. For example, students may spend more time in out-of-school-time lessons because their parents, their teachers or they themselves might think that they need to catch up with other students by attending extra classes. On the other hand, students may spend more time engaging in individual study because they require more time than other students to complete a certain number of tasks.



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2

Patterns of Students' Learning Time



INTRODUCTION

How much time do students spend learning science, mathematics and the language of instruction through deliberate learning activities? In PISA 2006, students were asked to report how much time they typically spent per week studying these three subjects in deliberate learning activities, such as regular school lessons, out-of-school-time lessons, or individual study. Students could report one of the following five options: "No time", "Less than 2 hours per week", "2 or more but less than 4 hours per week", "4 or more but less than 6 hours per week" or "6 or more hours per week".

LEARNING TIME IN REGULAR SCHOOL LESSONS

Virtually all students from countries and economies that participated in PISA 2006 report being involved in regular school lessons in mathematics and the language of instruction. However, not all students are involved in regular school lessons in science. For example, around 97% of students across OECD countries report participating in regular school lessons in mathematics and on the language of instruction, while 90% report participating in regular school lessons in science (Tables 2.1a, 2.1b and 2.1c). This confirms the idea that most countries place a great emphasis on the study of mathematics and the language of instruction at school.

Not only is the share of students studying mathematics and the language of instruction in lessons at school greater, students also report spending more time in regular school lessons learning mathematics and the language of instruction than they do learning science. Two-thirds of students report spending two hours or more per week learning science in regular school lessons and only one third spends as much as four hours or more per week. However, at least 85% of students report spending two hours or more per week learning mathematics and their language of instruction in regular school lessons; almost half of them spend four hours or more per week in regular school lessons on mathematics and the language of instruction.

Students' participation rates in regular school lessons vary substantially not only across subjects but also across countries. The variation across countries is greatest in science. For example in Norway, Sweden, Poland, the United Kingdom, Korea, Finland, Denmark, Iceland and Japan, and the partner countries Estonia and Lithuania, over 95% of students take part in regular school lessons in science. In Turkey and the Netherlands, and the partner countries and economies Hong Kong-China, Croatia, Kyrgyzstan and Israel, only around three-quarters of students take part in regular school lessons in science.

Few students are exposed to science lessons during their regular school hours; when they are, many of them may only have a limited number of learning hours. In two-thirds of all OECD countries and in 25 out of 27 partner countries and economies, over one-quarter of students spend less than two hours per week studying science in regular school lessons. In one-third of OECD countries and in four partner countries and economies, less than 5% of students have six or more hours per week of science lessons at school. Conversely, the large majority of students in all OECD countries and in all partner countries and economies spend between two and six hours per week studying mathematics and the language of instruction, and sizeable proportions spend six hours or more.

In sum, countries vary widely in how they provide regular school lessons in science, both in terms of how many students attend such lessons and the amount of time students spend engaged in lessons. In some countries, science learning time at school is minimal. This could mean that some students do not receive the necessary training for them to be sufficiently equipped for an increasingly science-oriented world. An alternative explanation could be that in some countries, science learning has already taken place in previous grades and by the age of 15, students have already progressed to a level at which science is no longer compulsory.

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LEARNING TIME IN OUT-OF-SCHOOL-TIME LESSONS

In many countries, sizeable proportions of students attend out-of-school-time lessons, especially in mathematics and the language of instruction (Tables 2.1a, 2.1b and 2.1c). Across OECD countries, 35% of students attend these kinds of lessons for science, while the proportion reaches 48% for mathematics and 41% for the language of instruction. The higher proportion of students attending out-of-school-time classes in mathematics as compared to science is only partly due to the lower proportion of students taking regular science classes. Some 38% of students who take regular classes in science attend out-of-school-time lessons for science and 48% of students who take regular classes in mathematics attend out-of-school-time lessons in mathematics. Students not only attend more mathematics and language of instruction classes in regular hours when compared to science, they are also more likely to attend classes in mathemathics and the language of instruction after school.

On average, students in OECD countries are less likely to attend out-of-school-time lessons than students in the partner countries and economies, but cross-country variations in attendance rates are wide. For example, at least 70% of students are involved in out-of-school-time lessons in science in Greece and the partner country Tunisia, while at least 70% of students in Austria, Japan, Iceland, Belgium, Ireland, Australia, Finland, Switzerland, New Zealand, Germany, Luxembourg, Spain and the partner countries Croatia and Argentina are not involved in these types of lessons at all. In mathematics, 70% of students or more are involved in out-of-school-time lessons in Turkey, Korea, Greece and the partner countries Qatar, Israel and Tunisia, while at least 70% of students in Finland and Austria are not involved in these kinds of lessons. In the language of instruction, at least 70% of students are involved in out-of-school-time lessons in Turkey, Denmark and the partner countries Kyrgyzstan and Tunisia, while at least 70% of students in Austria, Finland, Belgium, Japan, Spain, Iceland, Switzerland and the partner countries Croatia, Liechtenstein and Argentina do not attend these kinds of lessons.

The difference across subjects is manifested not only in the proportion of the student population that engages in out-of-school-time lessons, but also in the amount of time students devote to such activities. Generally, students spend more time in out-of-school-time lessons in mathematics and the language of instruction than in science, and students in partner countries and economies spend more time in out-of-school-time lessons than students in OECD countries.

The majority of students who attend out-of-school-time lessons, particularly among OECD countries, do so on a limited basis in terms of learning hours. For example, in more than one-third of OECD countries, at least 70% of students who are involved in out-of-school-time lessons in science spend less than two hours per week in such activities. Similarly, many students attend out-of-school-time lessons in mathematics and the language of instruction, but most of them attend such lessons for less than two hours per week (notable exceptions in the OECD include Greece, Korea, Spain and Turkey). Students in the partner countries and economies make a slightly greater use of out-of-school-time lessons: while the majority of students engage in these kinds of lessons in the three subjects for less than two hours per week, large fractions of the student population in some partner countries and economies attend similar kinds of lessons for more than two hours.

LEARNING TIME IN INDIVIDUAL STUDY

Across OECD and partner countries and economies, around 75% of students report spending time engaged in individual study learning science; around 85% do so for mathematics and the language of instruction (Tables 2.1a, 2.1b and 2.1c). This difference in participation rates across subjects could be partly explained by the different participation rates in regular school lessons in these subjects.



There is no major difference between OECD countries and partner countries and economies in participation rates in individual study. Most students who engage in individual study in PISA participating countries and economies spend less than two hours per week studying each of the three subjects. However, significant proportions of students both in OECD and partner countries and economies spend two hours or more per week per subject, especially on mathematics.

The amount of time, if any, that students spend on individual study varies across countries, especially in science, although variations are not as great as they are in relation to participation in out-of-school-time lessons. In general, engagement in individual study in mathematics and the language of instruction varies little across countries while variations are more pronounced in relation to science. In 18 out of 30 OECD countries and in 17 out of 27 partner countries and economies, over 85% of students spend at least some time learning mathematics through individual study. Individual study of the language of instruction is marginally less common since, in only about half of the OECD and partner countries and economies, over 85% of students spend some time engaged in individual study. In contrast, the proportion of students engaged in learning science through individual study varies significantly across countries. For example, in Japan, 54% of students engage in some kind of individual study each week, while 90% of Polish students study science individually. Among the partner countries and economies, around 60% of students in Israel and Hong Kong-China engage in individual study in science, while over 90% of students in Indonesia, Jordan, Thailand and Tunisia do so.

In most countries, the majority of students spend two hours or less per week in individual study in science, mathematics and the language of instruction. Across OECD countries, 51% of students spend some time, but less than two hours per week, doing homework or studying by themselves in science and mathematics; 54% spend similar amounts of time studying the language of instruction. These percentages vary widely among countries. For example, in science, over 50% of students in the partner countries the Russian Federation, Jordan, Tunisia and Azerbaijan spend two hours or more per week doing homework or studying by themselves, while only 15% or less of students in Japan, Finland, Denmark, Sweden and partner country Lichtenstein do so.

ALLOCATION OF LEARNING TIME AND DIFFERENT FORMS OF DELIBERATE LEARNING ACTIVITIES

To obtain the results for this section, the original categorical variable, which described time spent in learning science, mathematics and the language of instruction, was recoded into the number of hours individual students reported spending on different deliberate learning activities. Students who reported spending "no time" in any given activity were assumed to have spent 0 hours in that activity. Similarly, students were assumed to have spent 1 hour per week on an activity if they reported having spent "less than 2 hours per week", 3 hours if they reported having spent "2 or more but less than 4 hours per week", 5 hours if they had reported "4 or more but less than 6 hours per week", and 7 hours if they had reported "6 or more hours per week". Although it creates a risk of introducing measurement errors in the estimates, the recoding of categorical variables into continuous variables enables more direct comparisons across countries in the average number of organised learning hours in which students participate, and in the relative share of time students spend in lessons at school, out-of-school-time lessons and individual study out of total learning time. The comparisons should thus be interpreted with caution.

Students spend more time in deliberate learning activities studying mathematics and the language of instruction than studying science (Tables 2.2a, 2.2b and 2.2c). Across OECD countries, total learning time in school lessons, out-of-school-time lessons and individual study, includes at least 6 hours and 30 minutes per week for the study of mathematics, around 6 hours and 20 minutes for the study of the language of instruction, and 5 hours for the study of science. Students in partner countries and economies also spend more time in learning activities focused on mathematics: in all but seven partner countries and economies,

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students allocate significantly more time to mathematics than to the language of instruction and science. In general, students spend more time in activities related to mathematics than the language of instruction or science. However, in five OECD countries – Sweden, Norway, Poland, Italy and Denmark – and four partner countries – Azerbaijan, Kyrgyzstan, Lithuania and Romania – learning activities related to the language of instruction take up more time than activities related to science and mathematics. Science takes up the most time among students in the Russian Federation.

Figures 2.1a, 2.1b and 2.1c highlight the total number of hours students spend in various learning activities *(i.e.* school lessons, out-of-school-time lessons and individual study in science, mathematics and the language of instruction). In science, the total number of learning hours ranges from less than 4 hours per week in Japan, Switzerland, the Netherlands, Austria and the partner country Croatia, to over 7 hours per week in Greece and the partner countries the Russian Federation, Jordan and Tunisia. In mathematics, the total amount of time ranges from 5 hours or less per week in Sweden, the Netherlands and Finland, to over 9 hours per week in Korea. In the language of instruction, the total number of learning hours ranges from 5 hours or less per week in Finland, Austria, the Netherlands, Sweden and the partner countries the Russian Federation, Argentina and Uruguay, to over nine hours per week in Denmark.

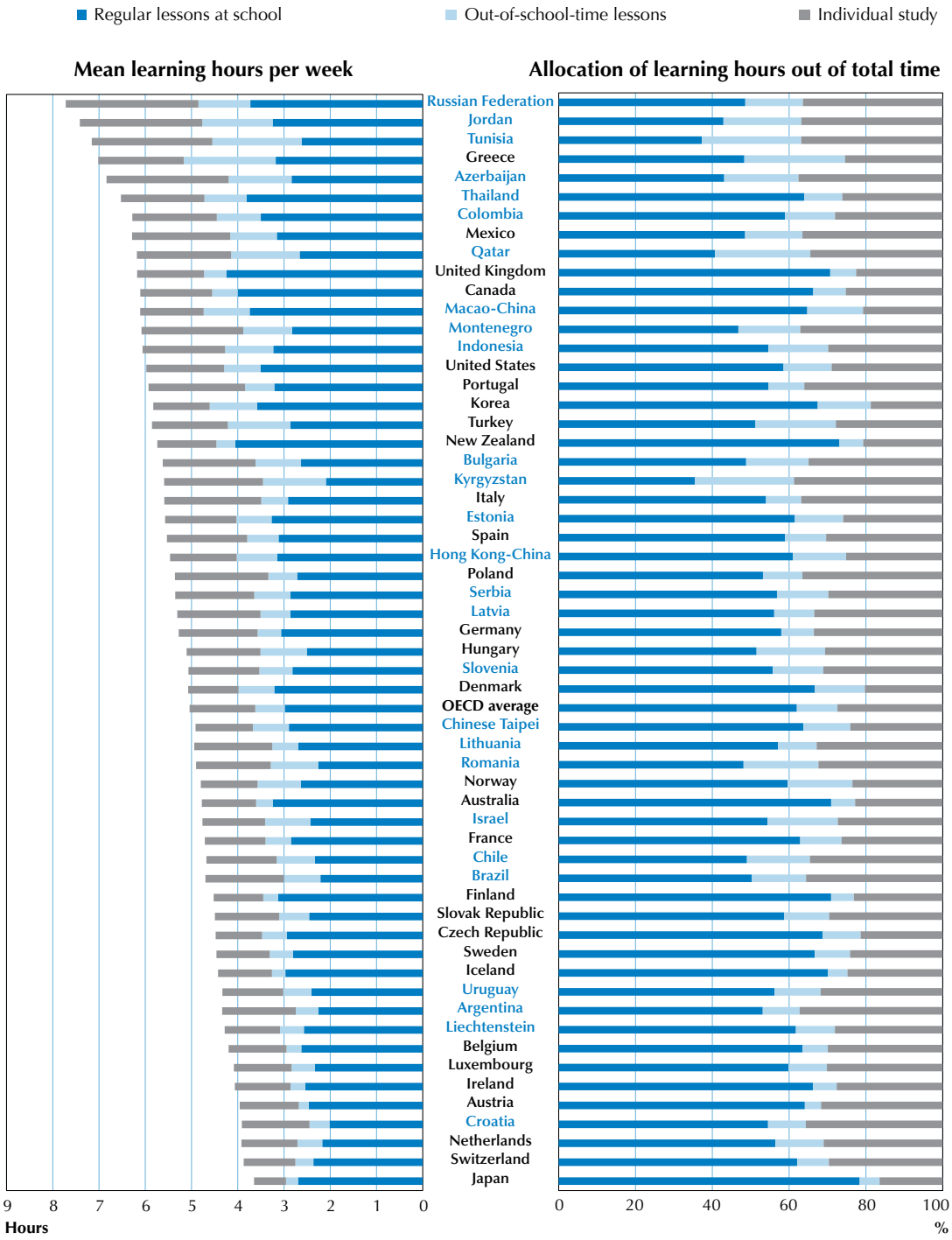
Across OECD countries, the total amount of time students spend in deliberate learning activities is 6 hours and 30 minutes in mathematics, 6 hours and 20 minutes in the language of instruction and 5 hours in science (Tables 2.2a, 2.2b and 2.2c). In some countries, these differences were more pronounced, especially between mathematics and science. For example, the difference between mathematics and science learning time is half an hour or less in Finland, Portugal and Sweden, but over two-and-a-half hours in Iceland, Japan and Korea, among OECD countries, and Macao-China, Hong Kong-China, Chinese Taipei, Latvia and Israel, among partner countries and economies (Tables 2.2a and 2.2b). Although the difference in learning time devoted to mathematics and to the language of instruction is small in most countries, it is over an hour in three OECD countries – Austria, Japan and Korea – and in eight partner countries and economies.

Figures 2.1a, 2.1b and 2.1c present the total number of learning hours broken down into various activities – school lessons, out-of-school-time lessons and individual study – by subjects. While students in two countries may spend the same total amount of time in an activity studying a particular subject, the share of the overall time they dedicate to learning may differ greatly. For example, while students in both Finland and Greece spend three-and-a-half hours per week learning mathematics in regular school lessons, mathematics school lessons represent approximately 70% of total mathematics learning time in Finland and 50% in Greece.

Across OECD countries, the distribution of deliberate learning time in regular school lessons, out-of school-time lessons and individual study is similar across the three different subjects (Tables 2.2a, 2.2b and 2.2c). This section primarily describes cross-country variations in the allocation of overall deliberate learning time, combining science, mathematics and the language of instruction, across different activities. Students in OECD countries are engaged in regular school lessons for 62% of their overall learning time, individual study for 26% of their time and out-of-school-time lessons for the remaining 12% of their time (Table 2.2d). How students allocate their overall time of engagement in deliberate learning activities varies greatly across countries. For example, Finnish and Japanese students spent about 70% or more of their overall learning time in school lessons, while the corresponding percentage is 50% or less in Greece and in seven partner countries and economies: Azerbaijan, Bulgaria, Jordan, Kyrgyzstan, Qatar, Romania and Tunisia. Participation in out-of-school-time lessons accounts for over 20% of students' overall learning time in Greece, Turkey and in six partner countries and economies: Romania, Israel, Jordan, Kyrgyzstan, Qatar and Tunisia. In 12 OECD countries and in partner countries Croatia and Liechtenstein, out-of-school-time lessons account for 10% or less of overall time that students spend on learning science, mathematics and the language of instruction.



Figure 2.1a
Mean learning hours and allocation of learning hours out of total time in science

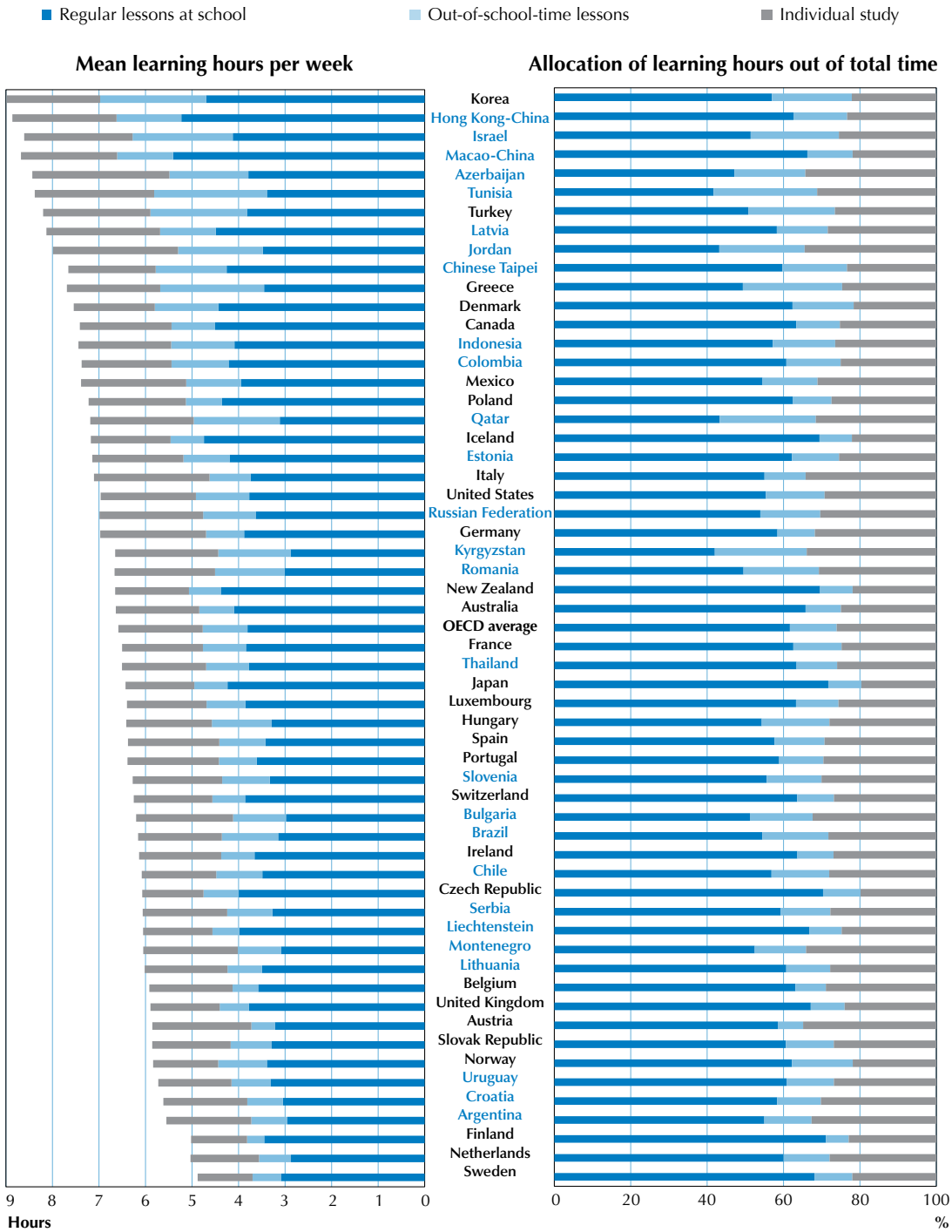


Countries are ranked in descending order of the total learning hours in science.
Source: *OECD PISA Database 2006*, Table 2.2a.

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Figure 2.1b
Mean learning hours and allocation of learning hours out of total time in mathematics



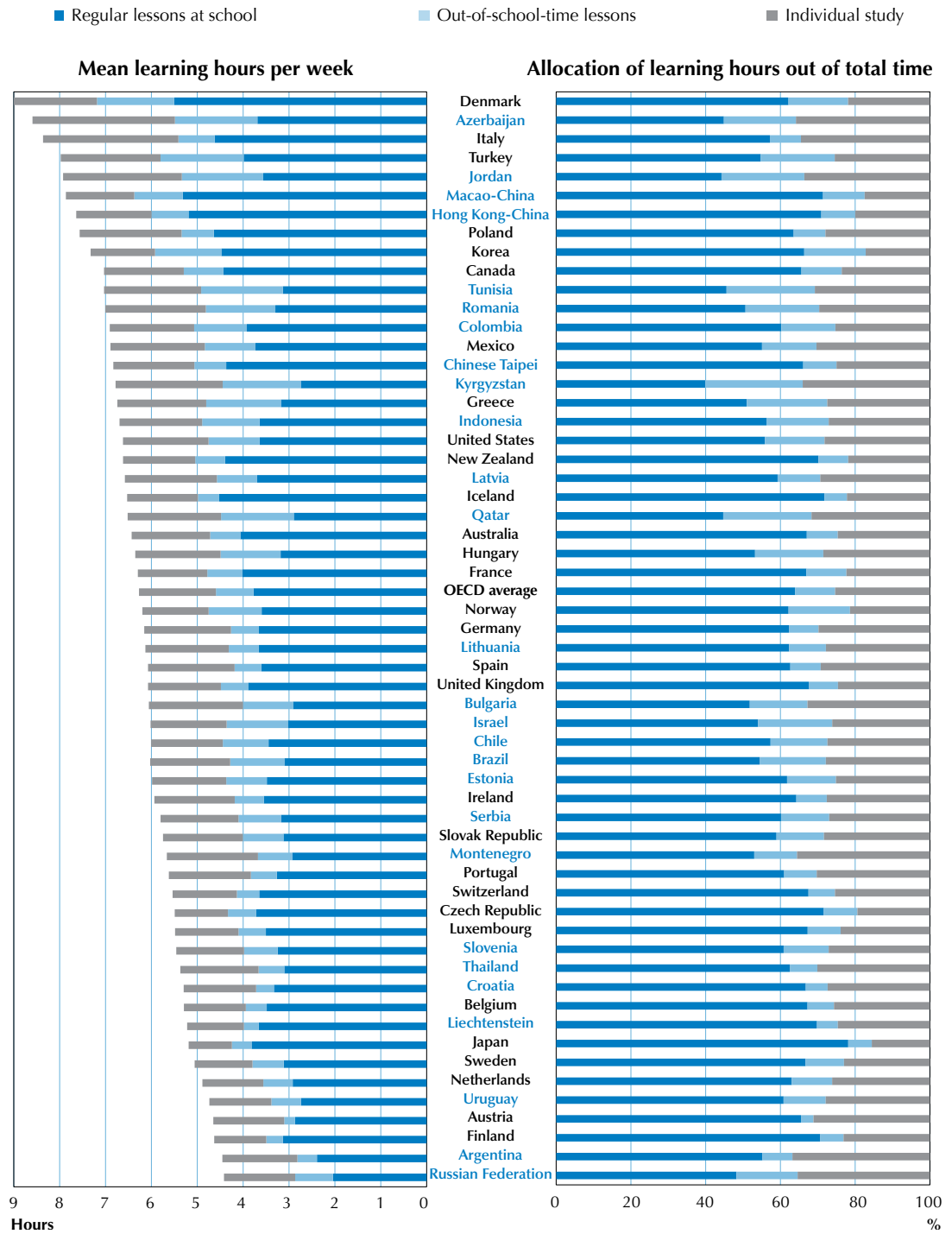
Countries are ranked in descending order of the total learning hours in mathematics.

Source: *OECD PISA Database 2006*, Table 2.2b.



Figure 2.1c

Mean learning hours and allocation of learning hours out of total time on the language of instruction



Countries are ranked in descending order of the total learning hours on the language of instruction.

Source: *OECD PISA Database 2006*, Table 2.2c.

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TO WHAT EXTENT ARE STUDENTS INVOLVED IN OUT-OF-SCHOOL-TIME LESSONS?

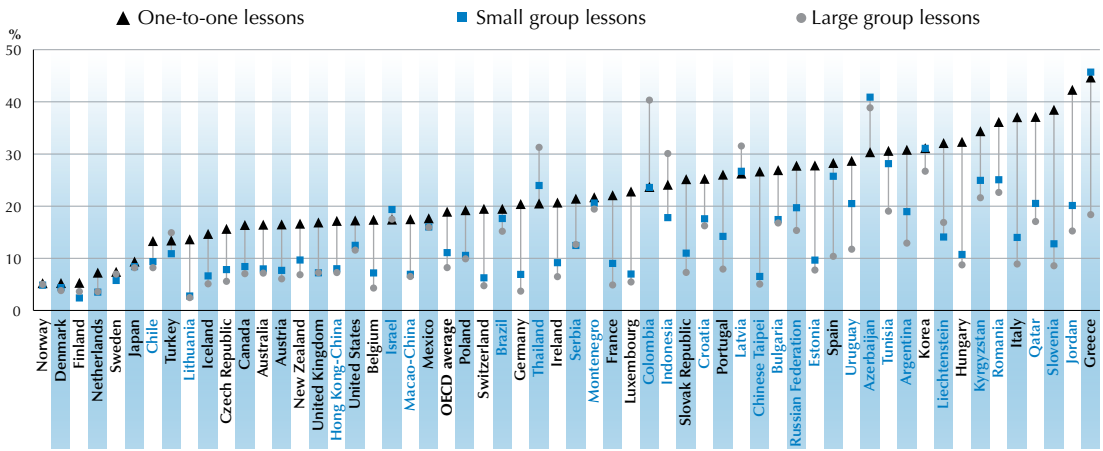
In PISA 2006, students were asked to report their engagement in each of the following six types of out-of-school-time lessons: one-to-one lessons with a school teacher; one-to-one lessons with a teacher not from the school; lessons in small groups with a school teacher; lessons in small groups with a teacher not from the school; lessons in large groups with a school teacher; or lessons in large groups with a teacher not from the school.

Across OECD countries, 43% of students are engaged in out-of-school-time lessons on school subjects (Table 2.3). About one-quarter of students are involved in at least one type of out-of-school-time lessons with teachers from their own school and another quarter are involved in out-of-school-time lessons with instructors who are not the teachers in the schools the students attend. Figures 2.2a and 2.2b illustrate the differences across OECD countries in the proportions of students taking different types of out-of-school-time lessons from teachers who teach in the schools they attend or from those who don't. The differences in proportions between these two groups are generally small, except for Greece, Spain and the partner countries Kyrgyzstan and the Russian Federation. In general, students who engage in out-of-school-time lessons with teachers who are not teachers in their schools (referred to as "non-school teachers" for the rest of this report) also tend to show extensive engagement in out-of-school-time lessons with school teachers.

Previous sections in this chapter suggest that student attendance in out-of-school-time lessons varies greatly from country to country. Figures 2.2a and 2.2b show that the type of out-of-school-time lessons students attend also varies across countries. Less than 15% of students in Finland, Norway, Denmark, the Netherlands and Sweden attend at least one type of out-of-school-time lessons with non-school teachers, while over 50% of students do so in Greece, Korea and partner countries and economies Azerbaijan, Chinese Taipei, Israel and Hong Kong-China. Similarly, around 15% or less of students in Australia, Denmark, Belgium and the Netherlands attend at least one type of out-of-school-time lesson with school teachers, but that proportion exceeds 50% in Korea and the partner countries Kyrgyzstan, Azerbaijan, the Russian Federation, Jordan, Tunisia, Indonesia and Latvia.

Figure 2.2a

Percentage of students taking out-of-school-time lessons with non-school teachers, by type of out-of-school-time lessons

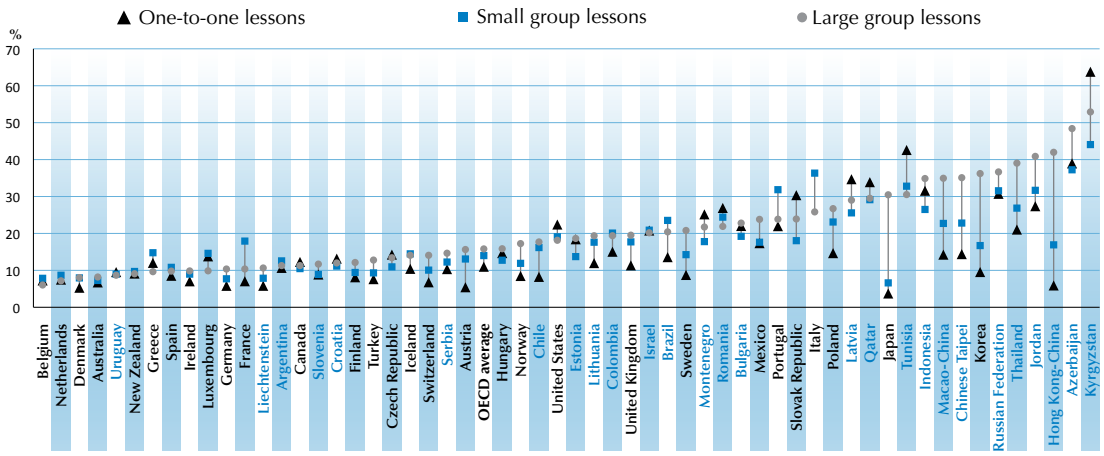


Countries are ranked in ascending order of the percentage of students taking out-of-school-time one-to-one lessons.
Source: *OECD PISA Database 2006*, Table 2.3.



Figure 2.2b

Percentage of students taking out-of-school-time lessons with school teachers, by type of out-of-school-time lessons



Countries are ranked in ascending order of the percentage of students taking out-of-school-time large group lessons.
Source: *OECD PISA Database 2006*, Table 2.3.

Differences in the size of lessons for out-of-school-time activities appear to be primarily determined by whether students in a particular country attend out-of-school-time lessons with school or non-school teachers. One-to-one lessons seem to be the most prevalent type of out-of-school-time lessons with non-school teachers, while large group lessons are the most prevalent type of these kinds of lessons when they are led by school teachers.

PATTERNS OF STUDENTS' ABSOLUTE AND RELATIVE LEARNING TIME

In order to summarise the differences and similarities in the patterns of students' learning time, countries are grouped according to two factors. The first is absolute learning time in regular school lessons, which is equivalent to the length of learning time spent in regular school lessons in science, mathematics and the language of instruction altogether. The second is relative learning time in regular school lessons, which is equivalent to the proportion of total learning time (*i.e.* the time spent in regular school lessons, out-of-school-time lessons and individual study combined) allocated to regular school lessons out of total learning time in all three subjects. This grouping of countries shows both the amount of time students spend in regular school lessons and the way they allocate learning time across countries[1]. The relationship between absolute learning time or relative learning time in regular school lessons and performance is examined in detail in Chapter 4.

As shown in Figure 2.3, four groups were identified: "high absolute learning time in regular school lessons, and high relative learning time in regular school lessons","low absolute learning time in regular school lessons, but high relative learning time in regular school lessons","high absolute learning time in regular school lessons, but low relative learning time in regular school lessons" and "low absolute learning time in regular school lessons, and low relative learning time in regular school lessons".

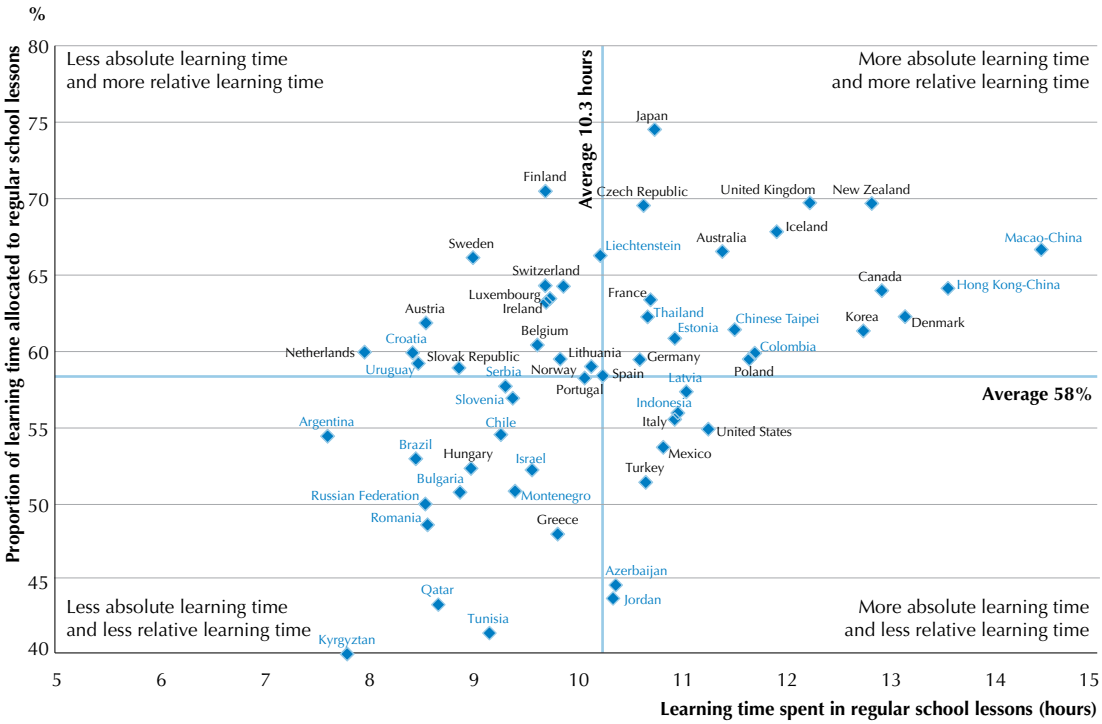
Box 2.1 shows the lists of countries in the four groups identified in Figure 2.3. The "high absolute and high relative learning time in regular school lessons" group includes 12 OECD countries and 6 partner countries and economies. Interestingly, it includes five Asian countries and economies (Japan, Korea, Chinese Taipei, Hong Kong-China and Macao-China). In this group of countries and economies, more time is spent in regular school lessons and the proportion of time spent in regular school lessons is higher than the average across all participating countries and economies.

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Figure 2.3

Absolute learning time and relative time in regular school lessons in science, in mathematics and on the language of instruction



Source: *OECD PISA Database 2006*, Table 2.2d.

The "less absolute but more relative learning time in regular school lessons" group includes 11 OECD countries and 4 partner countries, including 3 Nordic countries (Norway, Sweden and Finland). This group is characterised by a shorter amount of learning time in regular school lessons, but a higher proportion of hours spent in regular school lessons than the average across all participating countries and economies. As students spend a small amount of time in regular school lessons and outside regular school lessons, the total learning time is the shortest among these four groups of countries.

The "more absolute but less relative learning time in regular school lessons" group includes four OECD countries and four partner countries. In this group, the amount of time spent in regular school lessons is higher, but the proportion of time spent in regular school lessons is lower than the average across all participating countries and economies. In this group, the total learning time tends to be long since students spend larger amounts of time in regular school lessons and in out-of-school-time lessons and individual study.

The "less absolute and less relative learning time in regular school lessons" group includes 3 OECD countries and 13 partner countries. This group is characterised by smaller amounts of learning time in regular school lessons and a lower proportion of learning hours in regular school lessons than the average across all participating countries. One could infer that students' learning in regular school lessons is limited because the students tend to spend a small amount of time in those lessons, but a large amount of learning time outside of those lessons.



Box 2.1. Patterns of learning time in regular school lessons, by country

More absolute learning time and more relative learning time		Less absolute learning time and more relative learning time		More absolute learning time and less relative learning time		Less absolute learning time and less relative learning time	
OECD	Partner	OECD	Partner	OECD	Partner	OECD	Partner
Germany	Thailand	Norway	Croatia	Turkey	Jordan	Hungary	Argentina
Czech Republic	Estonia	Austria	Uruguay	Mexico	Azerbaijan	Greece	Kyrgyzstan
France	Chinese Taipei	Slovak Republic	Lithuania	United States	Indonesia	Portugal	Brazil
Japan	Colombia	Sweden	Liechtenstein	Italy	Latvia		Bulgaria
Australia	Hong Kong-China	Netherlands					Romania
Poland	Macao-China	Belgium					Qatar
United Kingdom		Finland					Montenegro
Iceland		Luxembourg					Tunisia
Korea		Ireland					Chile
New Zealand		Switzerland					Serbia
Canada		Spain					Slovenia
Denmark							Russian Federation
							Israel

Source: *OECD PISA Database 2006*, Table 2.2d.

Note

1. As no difference is observed across subjects, the three subjects – science, mathematics and the language of instruction – are combined and reported together.

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3

Patterns of Students' Learning Time by Population Sub-Groups



INTRODUCTION

In general, the findings in this chapter show that students' learning time patterns differ according to individual and school characteristics within countries. The individual characteristics examined are gender, socio-economic status and immigrant status; the school characteristics studied involve lower and upper secondary schools, academic and vocational schools, public and private schools, and schools in urban and rural areas.

STUDENT BACKGROUND CHARACTERISTICS

PISA assessments have consistently shown that across countries, females are more interested in reading than males, and males are more interested in mathematics than females (OECD, 2004; OECD, 2007; OECD, 2009a). This chapter looks at whether or not these gender differences are also reflected in how students allocate time for learning.

PISA results have also shown that students' socio-economic backgrounds are related to performance, such that socio-economically advantaged students tend to achieve higher scores in mathematics, science and the language of instruction (OECD, 2002; OECD, 2004; OECD, 2007). This chapter seeks to understand how the patterns of learning time differ according to students' socio-economic backgrounds, as the time spent learning might be one of the major factors that reinforces the relationship between socio-economic background and performance. The PISA index of economic, social and cultural status provides a comprehensive measure of students' socio-economic background. This index is derived from information about the highest educational level of parents, the highest occupational status of parents, and possessions in the home (OECD, 2009b).

Examining participation rates in out-of-school-time lessons according to students' socio-economic background is also interesting since it could be suggested that socio-economically advantaged students have more opportunities to attend out-of-school-time lessons and, consequently, achieve higher scores in PISA. Chapter 4 examines the relationship between socio-economic background and performance, through participation in out-of-school-time lessons, in more detail.

This chapter also examines how learning time differs according to students' immigrant status. Students with immigrant backgrounds are defined as those whose parents were born in a foreign country. This group includes both first- and second-generation students. First-generation students are those born outside of the country of assessment whose parents are also foreign-born. Second-generation students are those born in the country of assessment with both parents foreign-born. Native students are defined as students who were born in the country of assessment and have at least one parent who was also born in the country of assessment. Analysis is only conducted for countries with a sufficient number of sampled students and schools in relevant sub-groups: *i.e.* statistics should be based on at least 30 students in 5 schools.

Given the increase in international migration, in some countries, a significant proportion of students were born in another country. For example, the proportion of students who are foreign-born or who have foreign-born parents now exceeds 10% in Germany, Belgium, Austria, France, the Netherlands and Sweden, as well as the partner countries Croatia, Estonia and Slovenia. That proportion is: 15% in the United States; 17% in Jordan; between 21% and 23% in Switzerland, Australia, New Zealand, Canada and the partner country Israel; 36% in Luxembourg; 37% in Liechtenstein; and over 40% in the partner countries and economies Macao-China, Hong Kong-China and Qatar (Table 3.1).

The differences in deliberate learning time by immigrant status are also examined in relation to the socio-economic background of the students and schools. In some countries, the socio-economic status of students with immigrant backgrounds could differ significantly because of immigration policies and practices, and the criteria used to decide who will be admitted into a country. If the socio-economic status of these students differs significantly, the observed differences in learning hours according to immigrant status could be due

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to their different socio-economic backgrounds and not to their immigrant status. Thus, this chapter also examines differences in learning hours between natives and immigrants who share similar socio-economic status, by adjusting the estimates to differences in the socio-economic background of students and schools.

SCHOOL CHARACTERISTICS

This chapter also looks at how patterns of students' learning time may differ according to school structural and geographical characteristics. Specifically, it compares patterns in students' learning time in lower and upper secondary schools, academic and vocational schools, public and private schools, and schools in city and rural areas. Analysis of school characteristics is only conducted for countries with a sufficient number of sampled students and schools in relevant sub-groups: *i.e.* statistics should be based on at least 30 students in 5 schools.

PISA assesses students who are aged between 15 years 3 months and 16 years 2 months at the time of assessment, regardless of whether they are in lower secondary or upper secondary schools. In some countries, PISA target populations are all in upper secondary or all in lower secondary schools, while in other countries the students are in both lower secondary and upper secondary schools (Table 3.2).

In countries with a sufficient proportion of students in both academic and vocational schools, patterns of students' learning time are also compared between those of students in academic programmes and those of students in vocational programmes. Academic schools are defined as schools offering a study programme with a general curriculum. Vocational schools are defined as schools offering a study programme with a pre-vocational or vocational curriculum. The proportion of students in academic and vocational schools varies across countries (Table 3.4).

Institutional characteristics, such as lower or upper secondary schools and academic or vocational schools, are often related to each other. This also varies greatly across countries. In some countries, vocational schools are mainly at the upper secondary level, while in other countries this is not the case.

This chapter also examines how patterns in learning time differ between students in public schools and students in private schools. PISA assessments ask school principals whether their schools are managed directly or indirectly by a public education authority, government agency, or governing board appointed by government or elected by or public franchise (*i.e.* public schools); or by a non-government organisation, such as a church trade union, business, or other private institution (*i.e.* private schools) (Table 3.3).

Since the location of schools could also affect patterns in students' learning time, this chapter also looks at whether the time students spend in various learning activities differs between schools in urban areas and those in rural areas. Cities are defined as communities with 100 000 or more people; rural areas are defined as communities with fewer than 100 000 people. The proportion of 15-year-old students in schools in urban *versus* rural areas varies across countries (Table 3.5).

Among these school characteristics, the differences in deliberate learning time between students in public and private schools, academic and vocational schools, and schools in urban and rural areas are also explored by taking into consideration the socio-economic background of the students and schools. Since in many countries the socio-economic status of students and schools differs significantly according to these school characteristics, the observed differences could be due to their different socio-economic backgrounds rather than to the characteristics of schools.



CHARACTERISTICS OF LEARNING TIME

Differences in the time spent in regular school lessons, according to students' and schools' characteristics, tend to look similar to those spent in individual study. This finding is largely consistent across countries. However, the same is not true for the time spent in out-of-school-time lessons. Because the nature, meaning and function of out-of-school-time lessons are not necessarily the same across countries, differences in the time spent in out-of-school-time lessons, according to students' and schools' characteristics, are more complex and the results vary across countries.

Characteristics of learning time in regular school lessons and individual study

Gender

In most countries, females spend more time in regular school lessons and individual study in science, mathematics and the language of instruction than males, but the gender difference is greater in the language of instruction than in science and mathematics (Tables 3.6a, 3.6b and 3.6c). Across OECD countries, females spend around 40 minutes more per week than males in regular school lessons and individual study on the language of instruction, while females spend around 18 to 23 minutes more per week than males in regular school lessons and individual study in science and mathematics. In Greece, Hungary, Poland and Italy, and in the partner countries Jordan, Kyrgyzstan, Tunisia, Lithuania, Slovenia and Uruguay, females spend an additional 30 minutes or more per week than males in regular school lessons on the language of instruction. In Poland, Italy, Greece, Canada, the Slovak Republic, the United States, Hungary, Turkey and Spain, and partner countries Kyrgyzstan, Romania and Bulgaria, females spend at least 30 minutes per week more than males in individual study on the language of instruction.

The gender difference in time spent in regular school lessons in mathematics is small compared to time spent in regular school lessons in science and the language of instruction. Across OECD countries, females spend only five minutes more per week than males on regular school lessons in mathematics. Females spend an additional 30 minutes or more per week than males in regular school lessons in mathematics in Poland and the partner countries Slovenia, Lithuania and Jordan, while in 12 other OECD countries and 10 partner countries and economies this difference varies from an additional 6 to 28 minutes. In Austria, the Czech Republic and the Netherlands, males spend more time in regular school lessons in mathematics than females.

Socio-economic status

In most countries, socio-economically advantaged students spend much more time in regular school lessons and individual study in science, mathematics and the language of instruction than disadvantaged students (Tables 3.7a, 3.7b and 3.7c). Across OECD countries, socio-economically advantaged students spend 11.5 hours per week studying those 3 subjects in regular school lessons, while disadvantaged students spend 9.8 hours per week in regular school lessons (Table 3.7d). This difference of 1 hour and 42 minutes per week in regular school lessons reflects a difference of around 50 minutes per week in science, around 30 minutes per week in mathematics and around 20 minutes in the language of instruction. Socio-economically advantaged students have more opportunities to learn and acquire knowledge and skills than disadvantaged students, particularly in science.

Immigrant status

When students' immigrant status is taken into account, the results for time spent in regular school lessons are more complex and vary across countries. In about a half of the countries, there is no significant difference between native students and students with an immigrant background in the time spent in regular school lessons in science, mathematics and the language of instruction, while in other countries the results vary significantly across countries as well as by subject. For example, in the United States and the partner

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economy Chinese Taipei, native students spend more time than students with an immigrant background on regular school lessons in the three subjects, while in Australia and the partner country Qatar, students with an immigrant background spend more time than native students. In Austria and Germany, the results are different by subject: native students spend more time in regular school lessons in science while students with an immigrant background spend more time in regular school lessons on the language of instruction.

Students with immigrant backgrounds tend to spend more time in individual study in science, mathematics and the language of instruction than native students (Table 3.8a, 3.8b and 3.8c). Across OECD countries, students with immigrant backgrounds spend 12 minutes more per week than native students on mathematics and the language of instruction. Students with an immigrant background spend ten minutes less per week in individual study in science than native students. In Australia, New Zealand, Canada, Sweden and the United Kingdom, students with immigrant backgrounds spend an additional 31 minutes or more in mathematics than native students.

After adjusting for the difference in socio-economic background of students and schools, students with an immigrant background still tend to spend more time on individual study, while the difference in time spent in regular school lessons varies according to countries (Table 3.8d). On average across OECD countries, and after adjusting for differences in socio-economic background, students with an immigrant background spend 40 minutes more than native students on individual study in science, mathematics and the language of instruction combined. Differences in time spent in regular school lessons between native students and those with immigrant backgrounds are insignificant in half the countries. However, students with an immigrant background spend more time in regular school lessons in Belgium, Australia, Austria, Luxembourg and in partner countries and economies Qatar, Macao-China, Hong Kong-China and Israel.

School-level variation

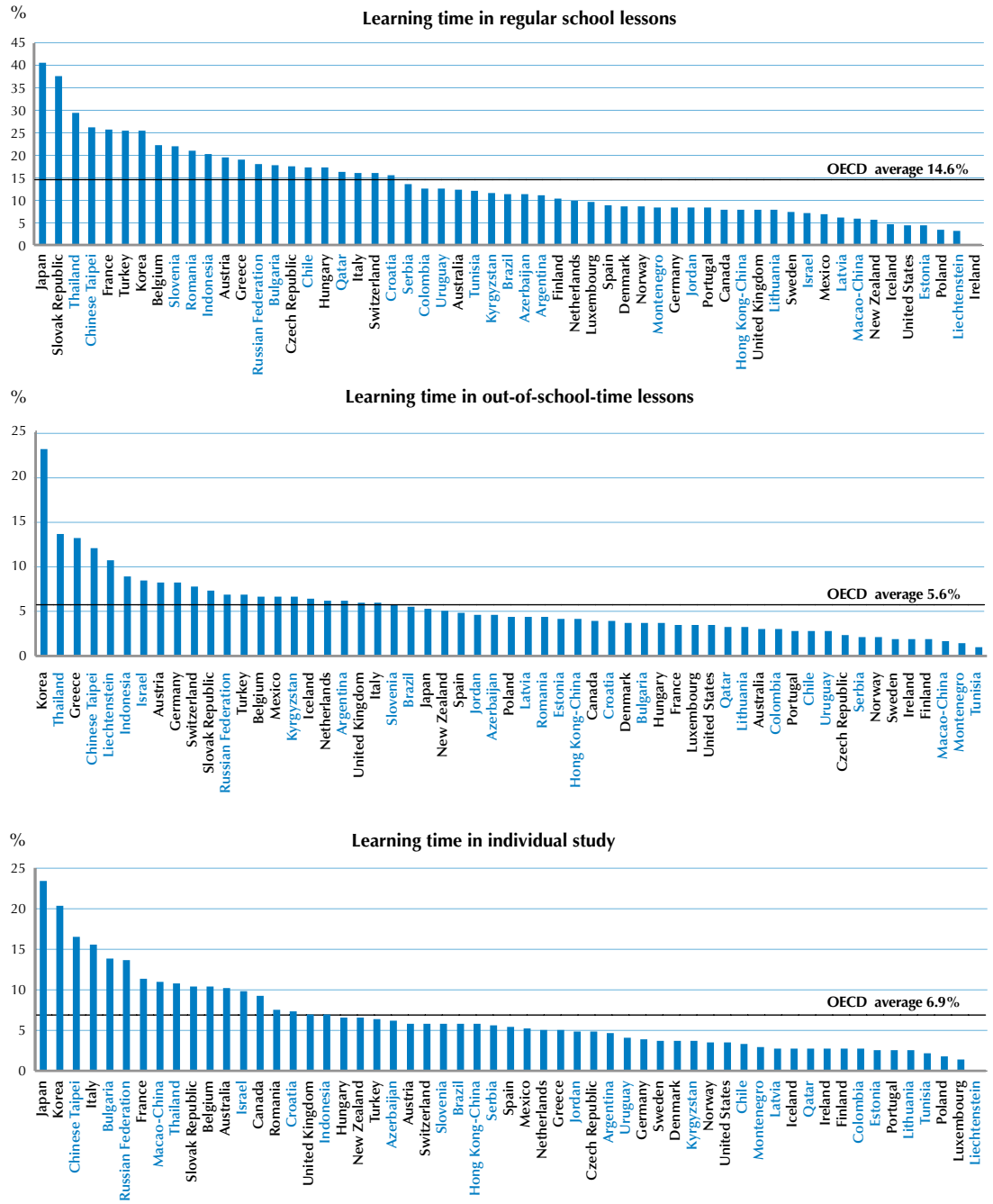
In general, the amount of hours students spend in regular school lessons varies within as well as between schools. Across OECD countries, 15% of variation in students' learning time in regular school lessons can be attributed to differences between schools (Table 3.9d). There is a 17% variation in science, 12% in mathematics and 11% in the language of instruction (Tables 3.9a, 3.9b and 3.9c). These differences vary considerably from country to country. As shown in Figure 3.1, in Japan, the Slovak Republic, France, Turkey, Korea, Belgium and the partner countries and economies Thailand and Chinese Taipei, 25% or more of the variation of students' learning time in regular school lessons on the three subjects combined is due to the difference between schools. But differences between schools account for only 5% of the variation in Ireland, Poland, the United States and partner countries Liechtenstein and Estonia (Table 3.9d). This shows that in most countries, variation in the learning time in regular school lessons is mostly due to differences between students within schools, and only partly due to differences between schools.

By contrast, learning time spent in individual study does not vary much between schools. Across OECD countries, 7% of variation in individual study can be attributed to the difference between schools (Table 3.9d). School-level variation in learning time through individual study is only 10% or less in all countries and economies except Japan, Korea, Italy, France and the partner countries and economies Chinese Taipei, Bulgaria, the Russian Federation, Macao-China and Thailand.



Figure 3.1

Percentage of between school variance out of total variance in regular school lessons, out-of-school-time lessons, and individual study



Countries are ranked in descending order of the percentage of between-school variance out of total variance.
Source: *OECD PISA Database 2006*, Table 3.9d.

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Lower secondary and upper secondary schools

In general, students in upper secondary schools spend more time in regular school lessons in science than students in lower secondary schools. Students in upper secondary schools also spend more time in regular school lessons in mathematics than students in lower secondary schools, but the difference is small. For example, across OECD countries, students in upper secondary schools spend an additional 35 minutes per week in regular school lessons in science and an additional 7 minutes per week in regular school lessons in mathematics compared with students in lower secondary schools (Tables 3.10a and 3.10b). The biggest differences are found in France and Poland, where students in upper secondary schools spend an additional 90 minutes per week or more in regular school lessons in science compared with students in lower secondary schools.

Results comparing differences between lower and upper secondary schools in time spent in regular school lessons on the language of instruction vary across countries (Table 3.10c). In 9 OECD countries and 11 partner countries and economies, students in upper secondary spend more time in regular school lessons on the language of instruction than students in lower secondary schools, while in 8 OECD countries and 5 partner countries and economies, students in lower secondary schools spend more time than students in upper secondary schools.

Similarly, students in upper secondary schools tend to spend more time in individual study in science and mathematics than students in lower secondary schools, although the results vary across countries in the language of instruction (Tables 3.10a, 3.10b and 3.10c). Across OECD countries, students in upper secondary schools spend an additional eight minutes per week in individual study in both science and mathematics compared with students in lower secondary schools. In five OECD countries and four partner countries and economies, students in upper secondary spend more time in individual study in the language of instruction than students in lower secondary schools, while in five OECD countries and eight partner countries and economies, students in lower secondary schools spend more time than students in upper secondary schools.

Public and private schools

In general, students attending private schools tend to spend more time in regular school lessons in science, mathematics and the language of instruction than those who attend public schools. Across OECD countries, students in private schools spend an additional 30 minutes per week in regular school lessons in the 3 subjects compared with students in public schools (Table 3.11d). However, in Italy, the Czech Republic, Sweden and the partner countries and economies Tunisia, Thailand, Indonesia, Chinese Taipei and Estonia, students in public schools spend more time than those in private schools in regular school lessons in at least one of the three subjects (Tables 3.11a, 3.11b and 3.11c).

The difference in time spent in regular school lessons between students in public and private schools varies across countries. In some of the partner countries and economies, the difference is remarkable. For example, in Greece and partner countries Slovenia, Qatar and Brazil, students in private schools spend an additional 2 hours and 30 minutes or more in regular school lessons in science, mathematics and the language of instruction than students in public schools (Table 3.11d).

Taking into account differences in the socio-economic status of students, the variation in hours spent in regular school lessons in favour of students in private schools no longer exists in the majority of countries and economies. Across OECD countries, once socio-economic background is accounted for, students in public schools spend an average of ten minutes more in regular school lessons than students in private schools. The difference in hours spent in regular school lessons, favouring students from private schools, is statistically significant in only three OECD countries and five partner countries and economy: Iceland,



Norway, Spain, Luxembourg, Qatar, Macao-China, Slovenia, Uruguay and Brazil. The difference is larger in countries where students in public schools spend more time in regular lessons than students in private schools (Table 3.11d). This implies that the difference between public and private schools in the number of hours students spend in school regular lessons is not attributable only to school characteristics, but is largely driven by the socio-economic level of schools' student population.

Students attending private schools spend more time in individual study than students in public schools in many countries, including nine OECD countries and six partner countries and economies; but, the difference is smaller or insignificant in two-thirds of countries after accounting for socio-economic status (Table 3.11d). Across OECD countries, students attending private schools spend an additional 15 minutes per week in individual study of science, mathematics and the language of instruction compared with students in public schools.

Academic and vocational schools

In almost every country, students attending academic schools spend more time in learning science, mathematics and the language of instruction in regular school lessons and individual study than students in vocational schools (Tables 3.12a, 3.12b and 3.12c). For example, across OECD countries, students attending academic schools spend an additional 1 hour per week in regular school lessons in science, an additional 50 minutes per week in regular school lessons in mathematics and an additional 45 minutes per week in regular school lessons on the language of instruction compared with students attending vocational schools.

Even after adjusting for the socio-economic status of students and schools, students attending academic schools spend more time learning the three subjects in regular school lessons and individual study (Table 3.12d). Although the difference in learning hours is smaller, it remains considerable. For example, students attending academic schools spend 2 hours and 37 minutes more in regular school lessons, 28 minutes more in out-of-school-time lessons and 41 minutes more on individual study, on average across OECD countries, compared with students of similar socio-economic backgrounds who attend vocational schools.

Schools in urban and rural areas

In general, students in urban schools tend to spend more time in regular school lessons than students in schools in rural areas. The differences are large in some countries, but relatively small in others. In most countries, the difference is one hour per week or less in regular school lessons in science, mathematics and the language of instruction (Table 3.13d). However, in the United States, students in schools in rural areas spend more time in regular school lessons in all three subjects than students in urban schools.

In eight OECD countries and four partner countries and economies, students in urban schools also spend more time engaged in individual study in science, mathematics and the language of instruction than students in schools in rural areas (Table 3.13d). In some partner countries and economies, however, students in schools in rural areas spend more time in individual study than students in urban schools.

However, after the socio-economic status of students and schools is taken into account, the difference in hours spent in regular school lessons and individual study practically disappears in some countries. On average across OECD countries, students in urban schools spend eight minutes more in regular school lessons than students in schools in rural areas (Table 3.13d). Students in schools in urban areas spend more time in regular school lessons in only one OECD country and two partner countries and economies: Belgium, Qatar and Macao-China. The pattern regarding hours spent in individual study is mixed. In eight OECD countries and one partner country, students in urban schools spend more time on individual study than students in schools in rural areas, while in four OECD countries and eight partner countries, students in schools in rural areas spend more time on individual study than students in urban schools.

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Characteristics of learning time in out-of-school-time lessons

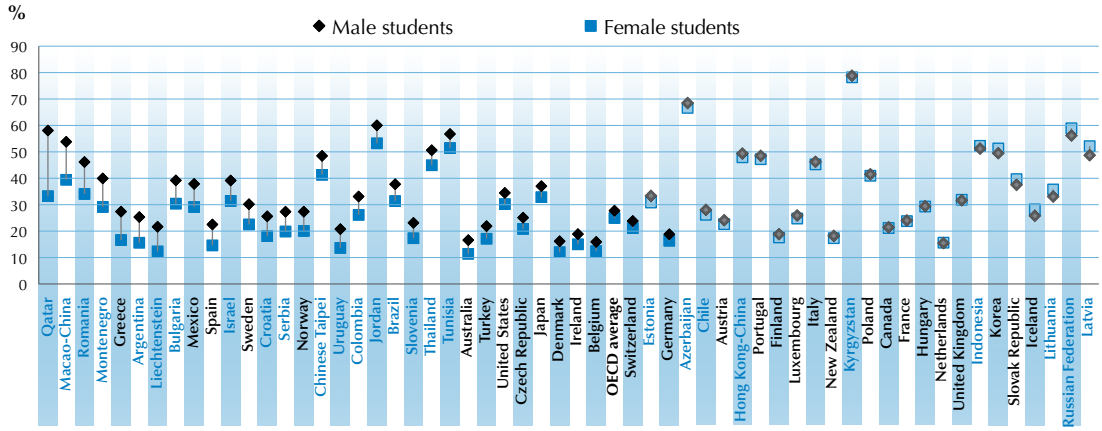
This section considers how students' backgrounds and school characteristics are related to patterns of learning time in out-of-school-time lessons. Students' gender, socio-economic background and immigrant status are considered, as are differences between lower and upper secondary schools, academic and vocational schools, public and private schools, and schools in urban and in rural areas.

Gender

In out-of-school-time lessons, the pattern of gender difference varies across countries (Tables 3.6a, 3.6b and 3.6c). In 3 OECD countries and 1 partner country, females spend more time than males in out-of-school-time lessons in science, while males spend more time than females in 16 OECD countries and 10 partner countries and economies. In five OECD countries and one partner country, females spend more time than males in out-of-school-time lessons in mathematics, while males spend more time than females in ten OECD countries and five partner countries and economies. In ten OECD countries and six partner countries and economies, females spend more time than males in out-of-school-time lessons on the language of instruction, while males spend more time than females in nine OECD countries and seven partner countries and economies.

Figure 3.2

Participation rates in out-of-school-time lessons with school teachers, by gender



Note: Gender differences that are statistically significant are marked in a darker tone.
Countries are ranked in descending order of the difference in rates of participation in out-of-school-time lessons with school teachers between male and female students.
Source: *OECD PISA 2006 Database*, Table 3.14.

Are males and females involved in the same types of out-of-school-time lessons? Females tend to be more involved in one-to-one out-of-school-time lessons with non-school teachers than males, while males are more involved in large group, out-of-school-time lessons with non-school teachers (Table 3.14). Males are also more involved in out-of-school-time lessons of any size with school teachers, including one-to-one, small group and large group lessons. Interestingly, the gender differences favouring males in these types of out-of-school-time lessons are greater in the partner countries and economies than in OECD countries. Among OECD countries, Greece has the highest gender difference – 9% favouring males – in the enrolment rate in one-to-one, out-of-school-time lessons with school teachers. In the partner countries and economies, the gender difference in the enrolment rate in this type of out-of-school-time lesson is greater than 10%, favouring males in Qatar, Jordan, Romania and Montenegro.



Socio-economic background

The pattern of difference in hours spent in out-of-school-time lessons between socio-economically advantaged and disadvantaged students is not consistent across countries (Tables 3.7a, 3.7b and 3.7c). For example, advantaged students spend more time than disadvantaged students in out-of-school-time lessons in science in five OECD countries and eight partner countries and economies, while disadvantaged students spend more time than advantaged students in five OECD countries and three partner countries and economies. In mathematics, advantaged students spend more time in these kinds of lessons than disadvantaged students in 9 OECD countries and 15 partner countries and economies, while disadvantaged students spend more time than disadvantaged students in eight OECD countries and only one partner country, Slovenia. In the language of instruction, advantaged students spend more time in these kinds of lessons than disadvantaged students in two OECD countries and two partner countries and economies, while disadvantaged students spend more time than advantaged students in 14 OECD countries and 10 partner countries and economies.

How does student participation in different types of out-of-school-time lessons vary according to socio-economic background? Students' involvement differs greatly according to who is teaching out-of-school-time lessons. In general, as shown in Figures 3.3b and 3.3c, socio-economically advantaged students are more likely than disadvantaged students to attend out-of-school-time lessons taught by someone who is not a teacher in the school that the students attend (*i.e.* a non-school teacher) (Table 3.15). For example, across OECD countries, 35% of advantaged students attend out-of-school-time lessons with non-school teachers, while only 21% of disadvantaged students do so. However, socio-economically disadvantaged students are more likely than advantaged students to attend out-of-school-time lessons taught by teachers from the school that the students attend (*i.e.* school teachers). For example, across OECD countries, 30% of disadvantaged students attend out-of-school-time lessons with school teachers, while 23% of advantaged students do so.

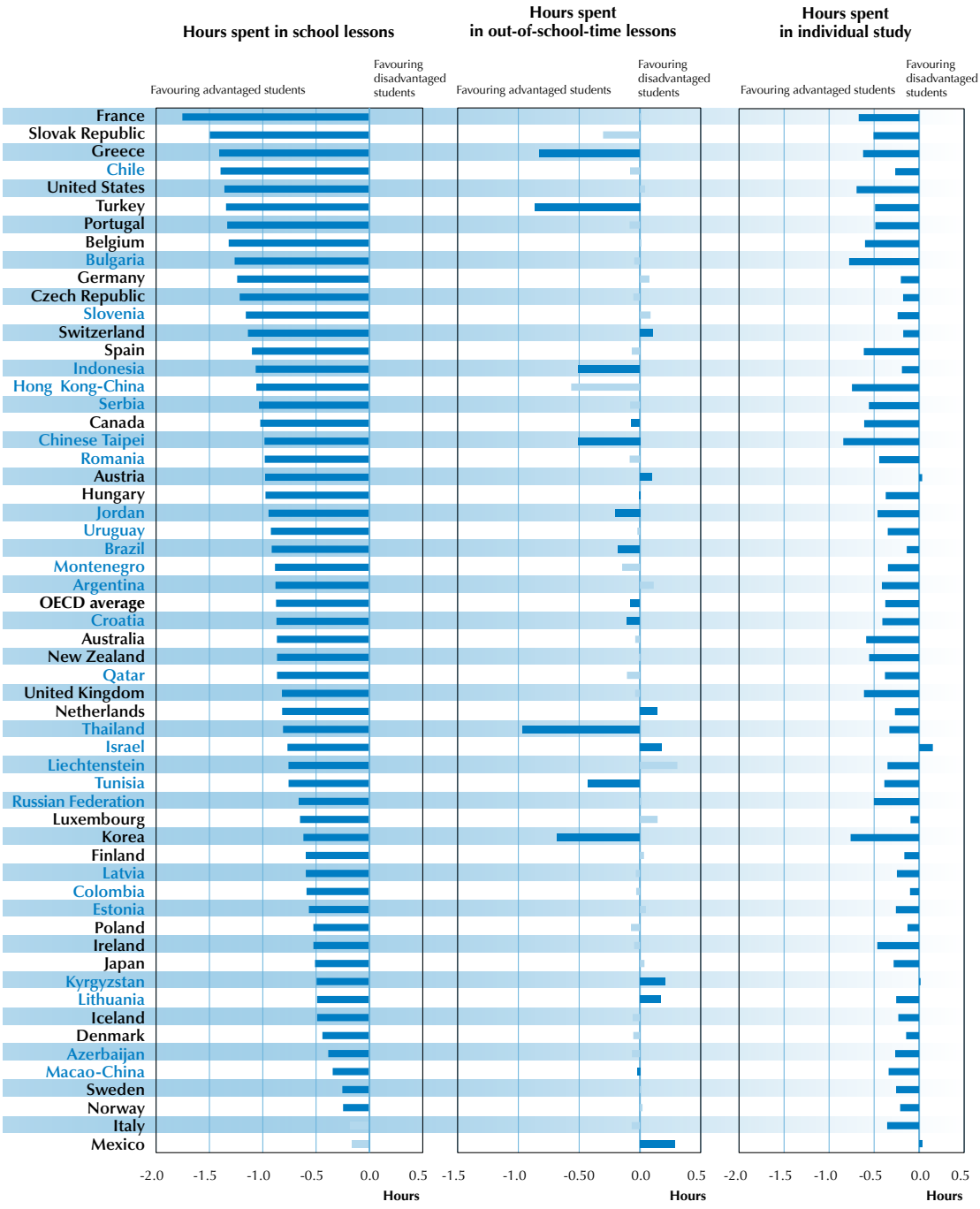
While it is important to be careful when interpreting results and deriving certain ideas about out-of-school-time lessons across countries and cultures, in general, the purpose of out-of-school-time lessons with school teachers is different from those with non-school teachers. Out-of-school-time lessons given by school teachers are often organised for remedial purposes, to help underperforming students keep up with the rest of the class. Out-of-school-time lessons instructed by non-school teachers are often for enrichment purposes. In addition, while out-of-school-time lessons with school teachers often do not require additional fees, those with non-school teachers often do. Students from disadvantaged socio-economic backgrounds are thus less likely to be involved in out-of-school-time lessons with non-school teachers. This is in line with previous research that shows that private tutoring is more readily available to the rich than to the poor (Bray, 1999).

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Figure 3.3a

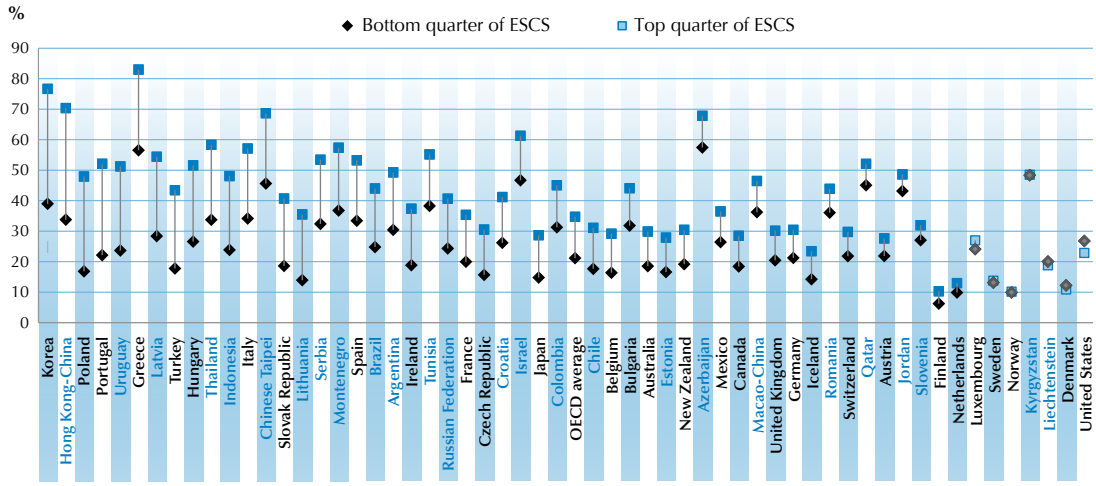
Difference in learning time in science, by quarters of the PISA index of economic, social and cultural status (ESCS)



Note: Difference in learning time in science, by quarters of PISA index of economic, social and cultural status (ESCS).
Countries are ranked in descending order of the difference in learning hours in school lessons between the top and bottom quarters of ESCS students.
Source: OECD PISA 2006 Database, Table 3.7a.

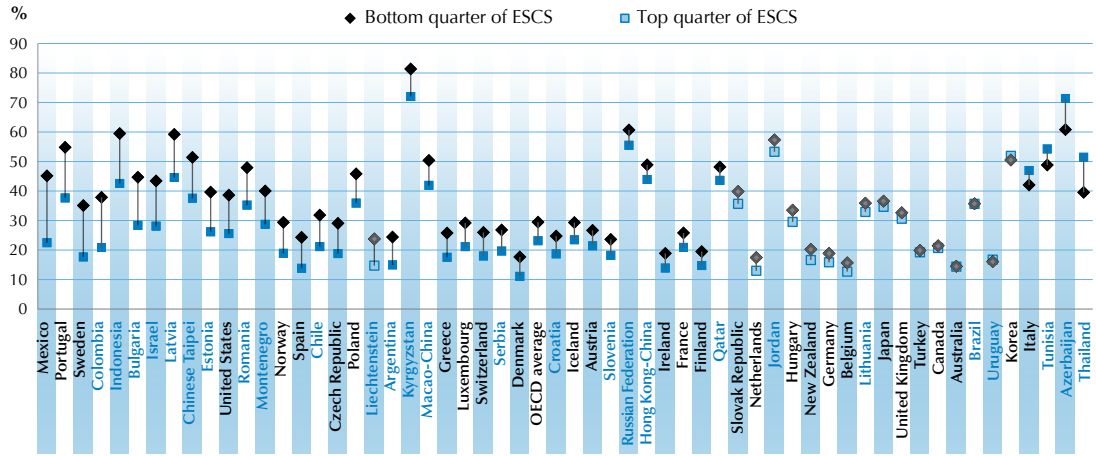


Figure 3.3b
Participation rates in out-of-school-time lessons with non-school teachers, by quarters of the PISA index of economic, social and cultural status (ESCS)



Note: Differences that are statistically significant are marked in a darker tone.
Countries are ranked in descending order of the difference in rates of participation in out-of-school-time lessons with non-school teachers between the top and bottom quarters of ESCS students.
Source: *OECD PISA 2006 Database*, Table 3.15.

Figure 3.3c
Participation rates in out-of-school-time lessons with school teachers, by quarters of PISA index of economic, social and cultural status (ESCS)



Note: Differences that are statistically significant are marked in a darker tone.
Countries are ranked in descending order of the difference in rates of participation in out-of-school-time lessons with school teachers between the bottom and top quarters of ESCS students.
Source: *OECD PISA 2006 Database*, Table 3.15.

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Immigrant status

In most countries, students with an immigrant background tend to spend more time in out-of-school-time lessons regardless of subject (Tables 3.8a, 3.8b and 3.8c). Across OECD countries, students with an immigrant background spend an additional 42 minutes per week in out-of-school-time lessons in all 3 subjects combined compared with native students (Table 3.8d). After adjusting for the difference in socio-economic status of students and schools, students with an immigrant background still tend to spend more time in out-of-school-time lessons than native students. On average across OECD countries, and after adjusting for differences in socio-economic background, students with an immigrant background spend 40 minutes per week more in out-of-school-time lessons than native students.

Students with an immigrant background tend to be more involved in out-of-school-time lessons than native students in most countries except Greece and the partner countries and economies Qatar, Hong Kong-China, Kyrgyzstan and Macao-China (Table 3.16). In most countries, students with an immigrant background tend to be more involved in any type of out-of-school-time lessons than native students. However, there is no consistent pattern across countries concerning one-to-one out-of-school-time lessons with non-school teachers. The difference in the proportion of students participating in out-of-school-time lessons according to immigrant status varies according to the type of out-of-school-time lesson. The difference between out-of-school-time lessons with school teachers and those with non-school teachers is great. In Mexico, for example, 71% of students with an immigrant background participate in out-of-school-time lessons with a school teacher while only 31% of native students do so. In Denmark, Sweden, Spain, Norway, Portugal, the United States and the partner countries Tunisia, Liechtenstein and Brazil, the difference is 10% or more, favouring students with an immigrant background.

School-level variation

Learning time spent in out-of-school-time lessons does not vary much between schools. Across OECD countries, 6% of variation in learning time in out-of-school-time lessons can be attributed to the difference between schools (Table 3.9d). School-level variation in learning time in out-of-school-time lessons is small in almost all countries: it is 5% or less in about half of the participating countries and economies, and 10% or less in all countries and economies except Korea, Greece and the partner countries and economies Thailand, Chinese Taipei and Liechtenstein.

Lower secondary and upper secondary schools

Students in lower secondary schools tend to spend more time in out-of-school-time lessons than students in upper secondary schools. This might be because the end of lower secondary education in some countries marks the time for important examinations that determine entry into upper secondary schools (Dang, 2007; Tan, 2009). These students are also more likely to attend any type of out-of-school-time lessons, except one-to-one lessons taught by a non-school teacher (Table 3.17). Meanwhile, students in upper secondary schools in Greece, Portugal, Hungary, Poland, Switzerland, France and the partner countries and economies Slovenia, Uruguay, Bulgaria, Azerbaijan, Argentina and Hong Kong-China generally attend more one-to-one lessons with non-school teachers than students in lower secondary schools.

Public and private schools

Students in public schools tend to spend more time in out-of-school-time lessons than students in private schools in seven OECD countries and nine partner countries and economies (Table 3.11d). In Greece and Mexico, and the partner countries Israel and Estonia, students in public schools tend to spend an additional one hour or more per week in out-of-school-time lessons in science, mathematics and the language of instruction compared with students in private schools.



There is a significant difference in some type of out-of-school-time lessons students in public and private schools attend (Table 3.18). In 14 OECD countries and 5 partner countries and economies, students in private schools generally attend more one-to-one, out-of-school-time lessons taught by a non-school teacher than students in public schools. Meanwhile, in 11 OECD countries and 6 partner countries and economies, students in public schools attend more large group, out-of-school-time lessons taught by school teachers than students in private schools; but in four OECD countries and two partner countries and economies, students in private schools attend these types of lessons more than public school students.

Academic and vocational schools

In almost every country, students attending academic schools spend more time in learning science and mathematics in out-of-school-time lessons; but the results are mixed across countries in the language of instruction (Tables 3.12a, 3.12b and 3.12c). Across OECD countries, students attending academic schools spend an additional 13 minutes per week in out-of-school-time lessons in science and an additional 17 minutes in mathematics. In seven OECD countries and five partner countries, students in academic schools spend more time in out-of-school-time lessons in the language of instruction than students in vocational schools, but in five OECD countries and three partner countries, students in vocational schools spend more time in these lessons than students in academic schools.

Even after accounting for the socio-economic status of students and schools, students attending academic schools spend more time in learning science, mathematics and the language of instruction in out-of-school-time lessons in most countries (Table 3.12d). Although the difference in learning hours is smaller, it remains considerable. For example, on average across OECD countries, students attending academic schools spend 28 minutes more in out-of-school-time lessons than students with a similar socio-economic background who attend vocational schools.

Students in academic schools spend more time in out-of-school-time lessons, especially for science and mathematics. In most countries, students in academic schools are more likely to attend any type of out-of-school-time lesson than students in vocational schools, but the difference in participation is remarkable for the one-to-one, out-of-school-time lessons taught by someone who is not a teacher in the school the student attends (*i.e.* one-to-one lessons with non-school teachers) (Table 3.19). For example, in Greece, 48% of students in academic schools, but only 24% of students in vocational schools, attend out-of-school-time lessons. This means that the difference in participation rates between students in academic and vocational schools is 24 percentage points. Across OECD countries, there is a difference of more than eight percentage points between students in academic schools who attend this type of out-of-school-time lesson and students in vocational schools who do so. The difference in the participation rate is ten percentage points or higher in Greece, Korea, France, Italy, Hungary, Austria and in the partner country and economy Macao-China and Serbia. In most countries, this difference does not change much after adjusting for socio-economic background: on average across OECD countries, the difference between students in academic schools and students in vocational schools who attend this type of out-of-school-time lesson is five percentage points or greater.

Schools in urban and rural areas

The results for out-of-school-time lessons according to school location vary across countries. Earlier studies have shown that tutoring is more common in cities (UNESCO, 2009). PISA 2006 data show that, in most countries, students in urban schools are more involved in out-of-school-time lessons taught by non-school teachers. This is especially true in one-to-one, out-of-school-time lessons with non-school teachers (Table 3.20). Across OECD countries, 22% of students in urban schools attend this type of out-of-school-time lesson, while 18% of students in schools in rural areas do so. This means that the difference in participation rates between students in urban and rural areas is four percentage points. As shown in Figure 3.4b, the difference in the attendance rate for this type of out-of-school-time lessons is ten percentage points or

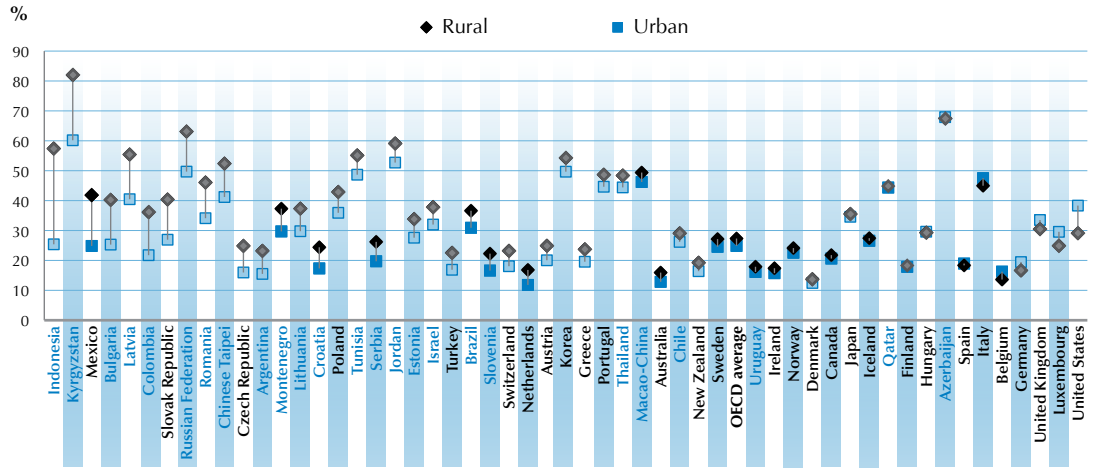
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higher in Switzerland, New Zealand and the partner countries Tunisia, Estonia, Lithuania and Serbia. The difference in this participation rate, favouring students in urban schools, is significant in half the countries, after adjusting for the socio-economic status of students and schools (Table 3.20).

Figure 3.4a

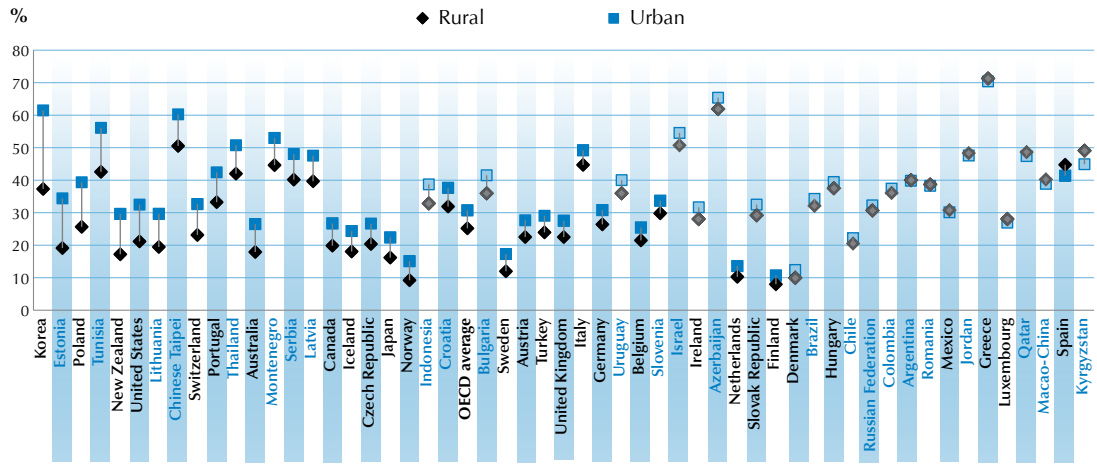
Participation rates in out-of-school-time lessons with school teachers, by school location



Note: Differences that are statistically significant are marked in a darker tone.
Countries are ranked in descending order of the difference in rates of participation in out-of-school-time lessons with school teachers between rural and urban schools.
Source: *OECD PISA 2006 Database*, Table 3.20.

Figure 3.4b

Participation rates in out-of-school-time lessons with non-school teachers, by school location



Note: Differences that are statistically significant are marked in a darker tone.
Countries are ranked in descending order of the difference in rates of participation in out-of-school-time lessons with non-school teachers between urban and rural schools.
Source: *OECD PISA 2006 Database*, Table 3.20.

In most countries, students in schools in rural areas are more likely than students in urban schools to attend out-of-school-time lessons that are taught by teachers from the schools the students attend, but this pattern disappears in two-thirds of countries once the difference in socio-economic status of students and schools



is taken into account (Table 3.20). The difference in the attendance rates for this type of out-of-school-time lessons is ten percentage points or more in Mexico, the Slovak Republic and the partner countries and economies Indonesia, Kyrgyzstan, Bulgaria, Latvia, Colombia, the Russian Federation, Romania and Chinese Taipei. However, after adjusting for the socio-economic status of students and schools, only in the Russian Federation and Indonesia is the difference ten percentage points or more.

Who spends more time in regular school lessons and individual study?

In both learning time spent in regular school lessons and in individual study, females spend more time than males, socio-economically advantaged students spend more time than disadvantaged students, students in private schools spend more time than students in public schools, students in academic schools spend more time than students in vocational schools, and students in urban schools spend more time than students in schools in rural areas. However, the difference in hours spent in regular school lessons and individual study favours students in private schools or in schools in urban areas; but once the socio-economic background of the students and schools is accounted for, there is no appreciable difference. Students with an immigrant background spend more time than native students in individual study across most countries, and students in upper secondary schools spend more time in individual study in science and mathematics, but there is no consistent pattern for individual study in the language of instruction.

Who spends more time in which types of out-of-school-time lessons?

Given that out-of-school-time lessons are not necessarily the same across countries, or even within countries, since different types of out-of-school-time lessons have different meanings and functions, there are differences in students' involvement in out-of-school-time lessons according to student subgroups and to the different types of out-of-school-time lessons. For example, out-of-school-time lessons with school teachers are favoured by males, socio-economically disadvantaged students, students in lower secondary schools, and, especially in partner countries and economies, students in schools in rural areas. However, the difference in attendance rates in this type of out-of-school-time lesson between rural and urban schools disappears after adjustments are made for the socio-economic backgrounds of the students and schools.

Meanwhile, one-to-one, out-of-school-time lessons with non-school teachers are favoured by females, socio-economically advantaged students, students in academic schools, students in private schools and students in urban schools. The pattern does not change much even after the socio-economic backgrounds of students and schools are adjusted for. The patterns of involvement differ, as the purpose and organisation of these two types of out-of-school-time lessons are different.

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Box 3.1 Summary of observed learning patterns by student and school characteristics

The table below presents the overview of patterns in the deliberate learning time among population sub-groups. The population sub-group, which is shown consistently to spend more time in each learning activity across countries in three subject domains, is presented in a darker tone. The number of countries is presented only in science, as the pattern does not differ greatly across subject domains. Any significant difference in pattern across subject domains is explained in a footnote. The number of OECD countries is indicated in brackets. For example, female students spend more time in regular school lessons than male students in 27 OECD countries and 42 partner countries and economies.

		Regular school lessons	Out-of-school-time lessons	Individual study
Gender	Female	42(27)	4(3)	43(20)
	Male	3(1)	26(16)[1]	3(1)
ESCS	Advantaged	55(28)	13(5)	50(26)
	Disadvantaged	0(0)	8(5)	0(0)
Immigrant background	Native	15(11)	3(1)	3(1)
	Immigrant	3(1)	22(19)	14(10)
Lower/Upper secondary school	Upper secondary	35(15)	3(1)	23(12)[2]
	Lower secondary	5(3)	18(12)	7(5)
Private/Public school	Private	23(11)	4(0)	13(8)
	Public	7(3)	13(7)	9(3)
Academic/Vocational school	Academic	30(17)	17(11)	31(17)
	Vocational	2(1)	2(1)	1(1)
Region	City	21(8)	9(7)	12(10)
	Rural	3(3)	10(4)	5(1)

Note: These results are based on the observed differences in deliberate learning hours by population sub-group. For those who are interested in the results after accounting for socio-economic background of students and schools, please refer to the previous text in corresponding sections.
1. Mathematics and the language of instruction showed a different pattern from science. In mathematics, the difference is in favour of male students in 15(10) countries and it is in favour of female students in 6(5) countries. In the language of instruction, the difference is in favour of male students in 16(9) countries and it is in favour of female students in 16(11) countries.
2. Unlike science and mathematics, there is no consistent pattern in the language of instruction.

Source: *OECD PISA 2006 Database,* Tables 3.6a, 3.7a, 3.8a, 3.9a, 3.10a, 3.11a, 3.12a and 3.13a.

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The following table shows attendance in out-of-school-time lessons. The population sub-group, which is shown consistently to be more likely to attend a particular type of out-of-school-time lessons across countries, is presented in a darker tone.

		Out-of-school-time lessons with school teachers	One-to-one out-of-school-time lessons with non-school teachers
Gender	Female	0(0)	24(13)
	Male	32(15)	5(1)
ESCS	Advantaged	4(1)	53(27)
	Disadvantaged	37(18)	0(0)
Immigrant background	Native	2(0)	5(2)
	Immigrant	23(16)	9(8)
Lower/Upper secondary school	Upper secondary	2(1)	12(6)
	Lower secondary	30(17)	8(7)
Private/Public school	Private	8(6)	19(14)
	Public	13(8)	1(1)
Academic/ Vocational school	Academic	13(8)	28(13)
	Vocational	12(5)	1(0)
Region	Urban	2(2)	32(16)
	Rural	28(10)	0(0)

Note: These results are based on the observed differences in deliberate learning hours by population sub-group. For those who are interested in the results after accounting for socio-economic background of students and schools, please refer to the previous text in corresponding sections.

Source: *OECD PISA 2006 Database,* Tables 3.14 - 3.20.

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4

Relationships between Students' Learning Time and Performance



INTRODUCTION

This chapter examines the relationship between students' learning time and students' academic performance in PISA, both across and within countries. Do students who spend more time learning achieve higher scores? Is the amount of time spent learning more important than how that time is spent? In other words, is the quality of learning time as important as the quantity of learning time?

The section on regular school lessons examines how students' perceptions of the importance of subjects play a role in their performance. These perceptions are used as an indirect proxy for "perseverance", which was identified as one of the factors related to students' learning in Carroll's seminal model on school learning (Carroll, 1963). Other factors identified in Carroll's model, such as "aptitude", "quality of instruction" and "ability to understand instruction", are not examined, as the PISA 2006 data do not provide indicators for these factors. The section on out-of-school-time lessons analyses what types of lessons enhance learning without introducing inequities.

Since the analysis is based on cross-sectional data, it is difficult to determine the causality of the relationships. For example, students may spend more time in out-of-school-time lessons because these students themselves or their parents or teachers conclude that they need to attend extra classes to catch up with other students; and students may spend more time engaging in individual study because they need more time than other students to complete a certain number of tasks. Given the complexity of the relationship, the results in this chapter are carefully examined and interpreted, using relatively neutral terms such as "relationship" or "association". Terms such as "effect" or "impact", which imply a causal relationship, are generally avoided for the same reasons.

LEARNING TIME AND PERFORMANCE ACROSS COUNTRIES

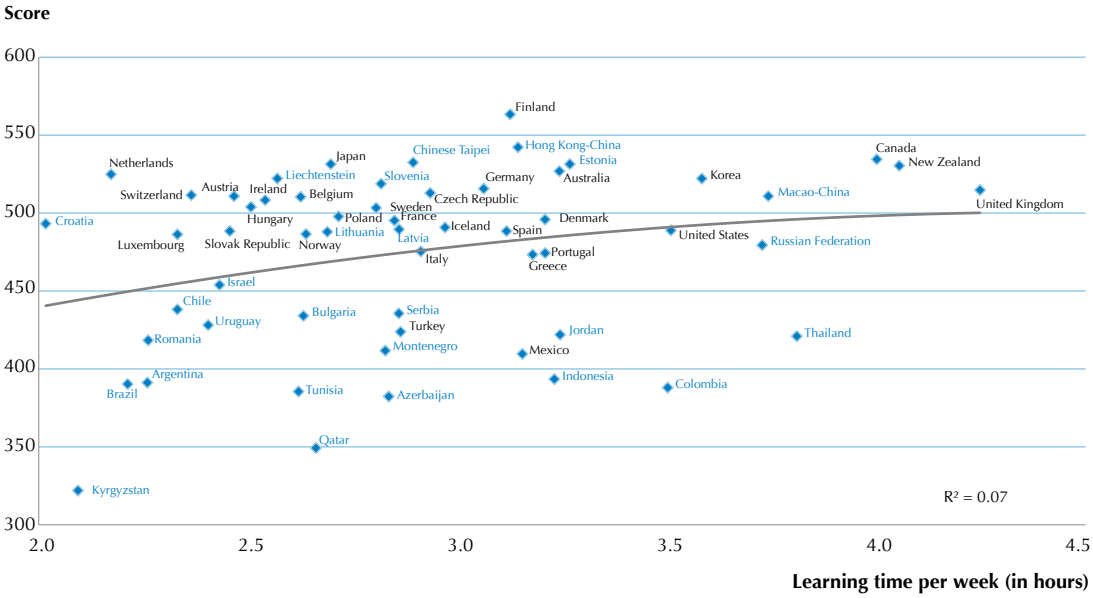
What are the relationships between the average time students spend learning science, mathematics and the language of instruction and the country average performance in PISA 2006? Do countries where students spend more time learning tend to achieve higher scores? The time that students spend in regular school lessons is positively related to performance across countries in all three subjects (Tables 4.1a, 4.1b and 4.1c). Countries with longer average learning time in regular school lessons tend to achieve higher scores. This relationship is stronger in mathematics and reading than in science. About 25% of variation in performance in mathematics and reading across countries is explained by learning time in regular school lessons, while only 7% of the variation in science scores is explained in that way (Table 4.1b).

The time students spend in out-of-school-time lessons and the time spent in individual study are both negatively related to performance in science, mathematics and reading across countries. These relationships are strong, especially in science, as 41% of the cross-country variation in science performance can be explained by the country average learning time in out-of-school time lessons in science. That proportion is 23% in mathematics and 29% in reading. Meanwhile, 42% of the variation in science performance between learning time in individual study and performance can be explained by the country average learning time in individual study. That proportion is 14% in mathematics and 28% in reading (Table 4.1b).

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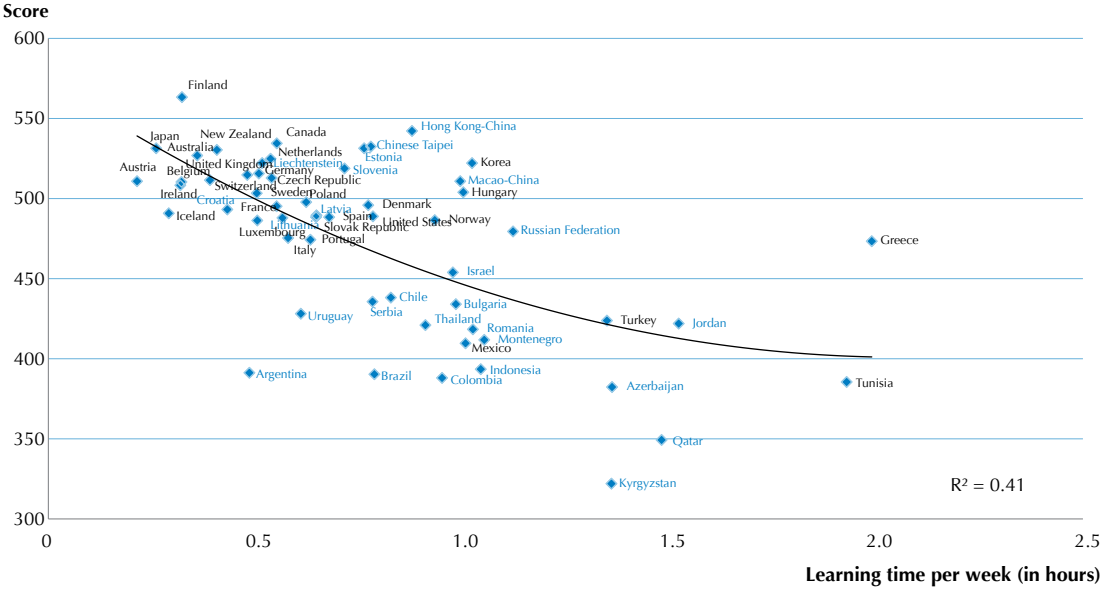


Figure 4.1a
Cross-country relationship between performance in science and learning time in regular school lessons in science



Source: *OECD PISA 2006 Database*, Table 4.1a.

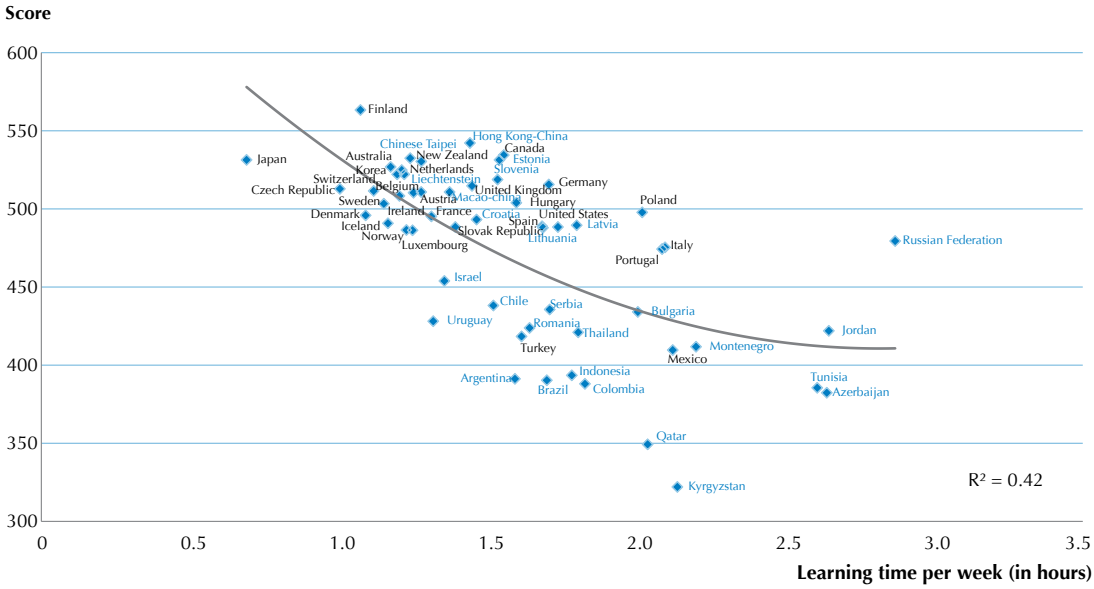
Figure 4.1b
Cross-country relationship between performance in science and learning time in out-of-school-time lessons in science



Source: *OECD PISA 2006 Database*, Table 4.1a.



Figure 4.1c
Cross-country relationship between performance in science and learning time in individual study in science



Source: *OECD PISA 2006 Database*, Table 4.1a.

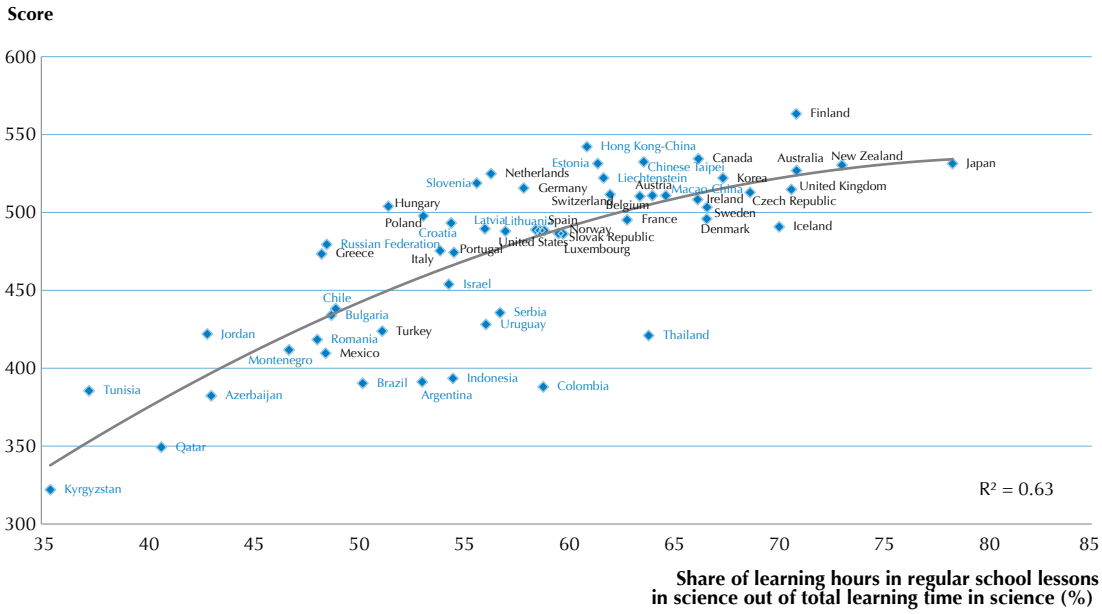
Across countries, relative learning time in regular school lessons, which is equivalent to the proportion of absolute learning time in regular school lessons out of absolute total learning time (*i.e.* the time spent in regular school lessons, out-of-school-time lessons and individual study combined), is strongly related to performance. For example, 63% of the variation in science performance across countries can be explained by the proportion of learning time in regular school lessons in science out of total science learning time (Table 4.1c). Countries with a higher proportion of time allocated to regular school lessons tend to perform better. Countries with the lowest proportions of regular school lessons in science out of total science learning time – from 35% to 43% – including the partner countries Kyrgyzstan, Tunisia, Qatar, Jordan and Azerbaijan, perform between 322 to 422 score points in science, while countries with the highest proportions of science regular school lessons – from 71% to 78% – including the OECD countries Japan, New Zealand, Australia, Finland and the United Kingdom, perform between 515 to 563 score points in science (Table 4.1a). Similar relationships are observed in mathematics and reading.

In summary, students in high-performing countries spend less time, on average, in out-of-school-time lessons and individual study, and more time in regular school lessons than students in low-performing countries. This positive relationship between learning time in regular school lessons and performance is even more pronounced when the time students spend in regular school lessons is considered as a relative term, *i.e.* a share out of total time spent learning.

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Figure 4.2
Cross-country relationship between performance in science and percentage of total learning time allocated to regular school lessons in science



Source: *OECD PISA 2006 Database*, Table 4.1a.

To explain the difference in performance across countries, the relative learning time in regular school lessons – a higher proportion of time spent in regular school lessons – is more important than the absolute learning time, or the overall length of learning time. This is true for each of three subjects as well as for the three subjects combined. For instance, Finland's absolute learning time in regular school lessons for science is 3.1 hours, which is equivalent to relative learning time of 71% of total learning time. In 10 OECD countries and 8 partner countries, the absolute learning time of regular school lessons for science is more than that of Finland. In all of these countries, except New Zealand, relative learning time is 71% or less. Although the absolute learning time spent in regular school lessons is longer in these countries, Finland achieves the highest scores in science among 57 countries (Table 4.1a). A possible explanation is that, even if countries have the same absolute length of learning time in schools, there is no guarantee that the same quality of education is provided to students across countries, particularly since factors such as the way schools and teaching are organised, student motivation levels, and schools' socio-economic status vary widely across countries. In high-performing countries, the biggest proportion of students' learning time – 70% to 80% of their learning time – happens within regular school lessons. In these countries, students may not need to spend more time in out-of-school-time lessons or studying by themselves if they receive sufficient education during regular school lessons. In low-performing countries, 50% or more of students' learning time happens outside regular school lessons. Students in these countries may need to supplement their learning by attending out-of-school-time lessons or studying by themselves. As learning outside regular school lessons tends to be less structured and less regulated, quality varies. Consequently, the large number of hours spent learning in out-of-school-time lessons or individual study do not necessarily lead to high performance.

In order to determine the relationship between quality of regular school lessons and countries' relative learning time, some characteristics of the school system that have an impact on educational quality are compared between countries with a high or low proportion of hours spent in regular school lessons. Countries were divided into two groups: those that spend a higher proportion of hours in regular school lessons in



science, mathematics and the language of instruction than the average across all participating countries (58%), and those that spend a lower proportion of hours (Figure 2.3). The system characteristics, such as the level of school resources, the level of school autonomy and accountability policies are examined, because an earlier PISA study identified them as having a significant positive relationship with students' performance (OECD, 2007). The indicators of school resources include human resources (*i.e.* the index of teacher shortage) and material resources (*i.e.* the index of the school's educational resources) reported by school principals. Higher values on these indices indicate higher rates of teacher shortage at a school and higher levels of educational resources. A school's autonomy is measured by the responsibility for tasks regarding resource allocation (*i.e.* the index of resource autonomy) and curriculum and assessment (*i.e.* the index of curricular autonomy) reported by school principals. Higher values indicate relatively higher levels of school responsibility and autonomy in these domains. These indices were standardised so that at the OECD level they have a mean of zero and a standard deviation of one. When standardised external examinations exist in some parts of the system, but not throughout the system (*e.g.* regional variations or variations between different types of education programmes), the proportion of students who are affected by such examinations are indicated by a value between 0 and 1. Higher values indicate a relatively higher proportion of standardised external examinations.

The analysis show that in countries where the proportion of hours spent in regular school lessons is low, schools tend to struggle more with teacher shortages and low quality of educational resources, compared with countries with a high proportion of hours spent in regular school lessons. Box 4.1 shows the average difference in the index of teacher shortage and the index of the quality of educational resources between countries where students spend less than 58% of their learning time in regular school lessons and countries where students spend 58% or more of their learning time in regular school lessons. Countries with a low proportion of hours spent in regular school lessons have higher levels of teacher shortage: their score on the index of teacher shortage is 0.35 standard deviation higher than countries with a high proportion of hours spent in regular school lessons. The difference in the index of the quality of educational resources is 0.76 standard deviation, so that, on average, schools in countries with a high proportion of hours in regular school lessons have better school resources than schools in countries where students spend less of their learning time in regular school lessons.

In addition, in countries where the proportion of regular school lessons is low, schools tend to have less autonomy on the allocation of resources, curriculum and assessment compared with countries with a high proportion of hours spent in regular school lessons. The difference in the index of resource autonomy and the index of curricular autonomy is 0.55 and 0.91 standard deviations, favouring countries with a high proportion of hours in regular school lessons. It could be inferred that teachers or principals in countries with a low proportion of hours spent in regular school lessons may be less motivated than countries with a high proportion of hours spent in regular school lessons, as principals and teachers are less likely to be involved in decision making in the areas of staffing, budgeting and instructional content.

Countries where the proportion of hours spent in regular school lessons is low tend to have fewer standardised external examinations than countries where the proportion of hours spent in regular school lessons is high. For example, the proportion of this type of examination is 0.46 in countries where students spend fewer hours in regular school lessons, while it is 0.60 in countries where students spend more hours in those kinds of lessons. This result may not provide enough evidence to determine whether the schools' quality of education is regulated systemically or not, but it shows, to a limited extent, that countries where the proportion of hours spent in regular school lessons is low tend to be less regulated in assessing students' performance compared with countries where a high proportion of time spent in regular school lessons.

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In short, compared with the countries with high relative learning time in regular school lessons, the countries with low relative learning time in these lessons turn out to have system characteristics that are related to low overall performance: lower levels of school materials and human resources, less school autonomy and lower proportions of standardised external examinations. Students in these countries may have to spend more time in out-of-school-time lessons or in individual study to compensate for any shortfalls in learning during regular school lessons.

The comparison between Figure 4.1a and Figure 4.2 and the results in Box 4.1 implies that it is the quality of regular school lessons, not the quantity of learning hours, that would explain more of the difference in performance across countries. A simple intervention to increase the number of school hours or to encourage students to spend more hours learning outside of regular school lessons would not be an effective way to improve performance in low-performing countries, especially for those countries that already have long hours of absolute learning time in regular school lessons. Instead, these countries including Italy, Mexico, Turkey, the Unites States, Azerbaijan, Indonesia, Jordan and Latvia (Figure 2.3) may need to consider improving the quality of education and providing an environment that is conducive to learning.

As the comparison in system characteristics shows, one way to improve the quality of education would be to reduce the levels of teacher shortage by employing more qualified teachers and increase schools' educational resources. Countries might consider encouraging principals and teachers to be more involved in decision making in the areas of staffing, budgeting and instructional content. In countries with insufficient accountability arrangements, greater use of standardised external examinations of student performance could be another way to improve the quality of learning time in regular school lessons.

Box 4.1. **Mean indices of teacher shortage and the school's educational resources, by share of learning time in regular school lessons out of the total learning time in science**

		Countries where students spend less than 58% of their learning time in regular school lessons in science (A)		Countries where students spend 58% or more of their learning time in regular school lessons in science (B)		Difference (A-B)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.
Performance	Science	431.9	(0.7)	503.3	(0.5)	**-71.4**	(0.8)
	Mathematics	423.3	(0.8)	502.3	(0.5)	**-79.0**	(0.9)
	Reading	413.7	(0.9)	491.5	(0.6)	**-77.7**	(1.0)
School material	Teacher shortage	0.32	-(0.03)	-0.03	-(0.01)	**0.35**	-(0.03)
	Quality of educational resource	-0.88	-(0.02)	-0.12	-(0.01)	**-0.76**	-(0.02)
School autonomy	Responsibility for resource allocation	-0.59	-(0.01)	-0.04	-(0.01)	**-0.55**	-(0.02
	Responsibility for curriculum and assessment	-0.89	-(0.01)	0.02	-(0.01)	**-0.91**	-(0.01)
Accountability policies	Standards-based external examinations (ratio of existence)	0.46	(0.00)	0.6	(0.00)	**-0.14**	(0.00)

Source: *OECD PISA 2006 Database*, Table 4.1a.



LEARNING TIME AND PERFORMANCE WITHIN COUNTRIES

Cross-country analysis in the previous section has shown the importance of relative learning time in regular school lessons, but the relationship between learning time and performance within countries is different from the relationship between countries: within countries, the absolute length in learning time is more strongly related to performance than the relative learning time in regular school lessons. This may be because the quality of regular school lessons within countries does not vary as much as across countries.

This section compares average performance scores for the following six categories of students' learning time: "no time", "less than 2 hours per week", "2 to less than 4 hours per week", "4 to less than 6 hours per week", and "6 or more hours per week". Students who spend a moderate amount of hours learning are defined as those who spend two to six hours per week studying. Students who spend long hours learning are defined as those who spend six or more hours per week studying. Differences in performance among students who spend different amounts of time learning are also compared, with adjustments made for the socio-economic background of students and schools, and for learning time in out-of-school-time lessons and individual study.

LEARNING TIME IN REGULAR SCHOOL LESSONS AND PERFORMANCE

Science

In general, students who spend more time learning science in regular school lessons tend to achieve higher scores, as shown in Figure 4.3. Across OECD countries, students who spend less than two hours per week in regular school lessons in science tend to perform 15 score points higher in science than students who do not spend any time learning science in regular school lessons; students who spend two to less than four hours per week tend to perform 59 score points higher; students who spend four to less than six hours per week tend to perform 89 score points higher; and students who spend six or more hours per week tend to perform 104 score points higher (Table 4.2a).

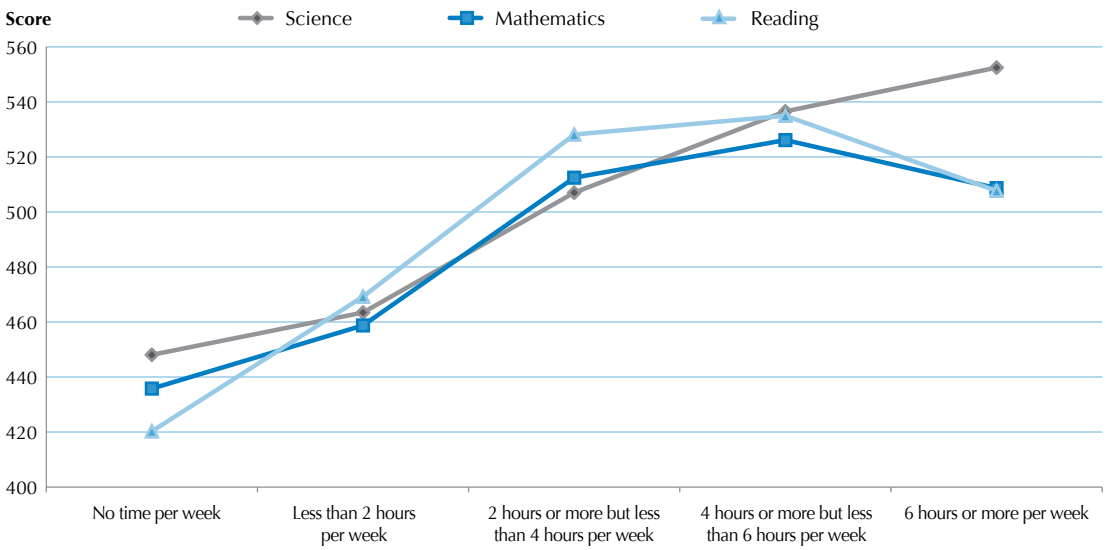
Adjusting for the socio-economic background of students and schools, and for students' learning time in out-of-school lessons and individual study in science, the relationship between learning time in regular school lessons in science and performance in science is still positive. However, differences in scores are smaller when these other factors are taken into account (Table 4.2a).

The positive relationship between learning time in regular school lessons in science and performance in science is more evident in countries where students spend two or more hours per week in regular school lessons in science. In most countries, science performance improves steadily as learning time in regular school lessons increases beyond two hours per week. However, this improvement in science performance varies greatly across countries; in a few countries, the improvement is not steady. In France, the United Kingdom, Switzerland, the Slovak Republic, Belgium and Greece, a significant improvement in science performance goes hand-in-hand with an increase in learning time: students who spend six or more hours per week learning perform at least 140 score points higher than students who do not spend any time in regular school lessons in science. However, in a few countries, students who spend six or more hours per week learning science in regular school lessons perform lower than students who spend a moderate amount of hours. For example, in Norway and Mexico, students who spend six or more hours per week in regular school lessons tend to perform lower than students who spend a moderate amount of time learning (from four to less than six hours per week), and they perform at the same level as students who do not spend any time learning science in regular school lessons (Table 4.2a).

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Figure 4.3
Within-country relationship between performance and learning time in regular school lessons, by subject (OECD average)



Source: *OECD PISA 2006 Database*, Tables 4.2a, 4.2b and 4.2c.

Mathematics

In general, there is a curvilinear relationship between learning time in regular school lessons and performance in mathematics, as shown in Figure 4.3. When students spend less than six hours per week in regular school lessons, there is a positive relationship between learning time and performance; but beyond six hours per week, students tend to perform lower than students who spend from two hours to less than four hours per week in regular school lessons. Across OECD countries, students who spend between 2 and 4 hours per week learning mathematics tend to perform 64 score points higher than students who do not spend any time learning mathematics in regular school lessons; students who spend between 4 and 6 hours per week tend to perform 78 score points higher; and students who spend more than 6 hours per week tend to perform 61 score points higher. This curvilinear relationship can be also observed after adjusting for the socio-economic background of students and schools, and for students' learning time in mathematics in out-of-school-time lessons and individual study (Table 4.2b).

The general pattern observed in many countries indicates that students who spend long hours in mathematics in regular school lessons perform much lower than students who spend a moderate amount of hours. For example, in Spain, Norway, Luxembourg, Germany, the Netherlands and the partner country Croatia, students who spend 6 or more hours per week in regular school lessons in mathematics perform at least 44 score points lower than students who spend from 4 to less than 6 hours per week in lessons.

In only a few countries do students who spend a long time learning mathematics in regular schools lessons perform significantly better in mathematics than other students. For example, in Korea and the partner economies Chinese Taipei and Hong Kong-China, students who spend 6 or more hours per week in regular school lessons in mathematics perform at least 140 score points higher than students who do not spend any time in regular school lessons in mathematics.



Language of instruction

The relationship between the time students spend in regular school lessons and their performance in the language of instruction is generally curvilinear, as well, as shown in Figure 4.3. Reading performance increases steadily as learning time in regular school lessons increases up to six hours per week, but beyond six hours per week, the relationship becomes negative. For example, across OECD countries, students who spend two to less than four hours per week in lessons tend to perform 80 score points higher than students who do not spend any time learning the language of instruction in regular school lessons; students who spend four to less than six hours per week tend to perform 87 score points higher; and students who spend six or more hours per week in lessons tend to perform 60 score points higher. This relationship can also be observed when adjusting for the socio-economic background of students and schools, and for students' learning time in the language of instruction in out-of-school-time lessons and individual study (Table 4.2c).

When country-by-country data are examined, the results show that students in many OECD countries who spend long hours learning the language of instruction in regular school lessons achieve lower scores in reading than students who spend a moderate number of hours. In the Netherlands, Belgium, Austria and the partner country Croatia, students who spend six or more hours a week perform lower than students who spend from four to less than six hours per week by at least 50 score points. In the Netherlands and Austria, students who spend six or more hours per week perform lower than students who do not spend any time learning the language of instruction in regular school lessons (Table 4.2b).

However, in a few countries, including Greece, Hungary, Japan, Korea, Norway, Poland and the partner economy Chinese Taipei, students who spend a long time learning the language of instruction in school lessons achieve substantially higher scores in reading. In these countries, students who spend six or more hours per week in regular school lessons on the language of instruction perform at least 100 scores higher than students who do not spend any time in regular school lessons on the language of instruction.

Surprisingly, it appears that in many countries, students who spend a long time learning mathematics and the language of instruction in regular school lessons perform lower than students who spend a moderate amount of time learning in regular school lessons. One might argue that as the proportion of students spending a long time in regular school lessons in science is smaller than that of students who spend a long time in regular school lessons in mathematics and the language of instruction, the former are the students who are especially keen to study science. However, the results show that across OECD countries, about the same average proportion of students spend six hours or more per week in regular school lessons in all three subjects: 8% for regular school lessons in science and mathematics, and 9% for regular school lessons on the language of instruction (Tables 2.1a, 2.1b and 2.1c), although these percentages vary across countries. In Iceland and the partner economies Macao-China, Hong Kong-China and Chinese Taipei, the proportion of students spending six hours or more per week in regular school lessons in science is at least 12% less than the proportions of students spending six hours or more per week in regular school lessons in mathematics and in the language of instruction. But in Portugal and the partner country the Russian Federation, around 20% of students spend six hours or more per week in regular school lessons in science, while 10% or less spend six hours or more per week in regular school lessons in mathematics and in the language of instruction.

It is possible that students who spend a long time in regular school lessons in science do so for different reasons than students who spend a long time in regular school lessons in mathematics and in the language of instruction. One hypothesis is that the students who spend a long time in regular school lessons in science are those who choose to do so in optional courses, because they are interested in science, while students who spend a long time in regular school lessons in mathematics and in the language of instruction are obliged to do so for remedial purposes.

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To investigate this hypothesis, students' interest in each subject domain and the types of courses they took were examined. The differences in the proportion of students who believe that to do well in each subject is "very important" were recorded between students who spend six hours or more per week and other students who spend less than six hours per week in regular school lessons. Results show that, in many countries, differences in proportions are consistently greater in science than in the other two subjects. This, in turn, indicates higher levels of commitment towards the subject among those students who spend more hours in science lessons compared with those who spend more hours on the language of instruction or mathematics. For example, in Iceland, the difference in proportion is 34 percentage points in science, while it is 6 percentage points for mathematics and 7 percentage points for the language of instruction (Table 4.3).

Differences in the proportion of students taking optional courses were also recorded between those who spend six hours or more per week and those who spend four to six hours per week in regular school lessons in science. This was done only for science, since students were asked whether they attended optional courses in science, such as optional biology, physics, chemistry courses, but not for mathematics and the language of instruction. Figure 4.4 shows that students who spend six hours or more tend to take more optional science courses, while students who spend four to six hours tend to take more compulsory science courses. This pattern is prominent especially in the OECD countries. On average across OECD countries, the difference in proportion of students who take optional courses is 11%, favouring students who spend 6 hours or more in regular school lessons. In New Zealand and Sweden, the difference in the proportion of students taking optional courses favouring students who spend 6 hours or more in regular school lessons is more than 30%, while in France and the partner country Colombia the difference is less than 5%.

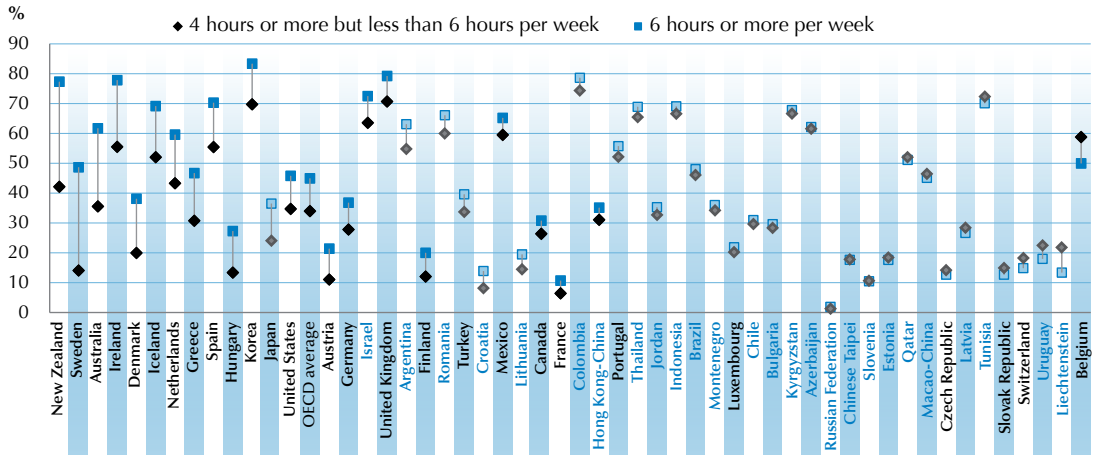
This suggests that students who spend a long time in regular science classes believe that doing well in science is important, and tend to take more optional courses than students who spent a moderate amount of time in school lessons. These findings partly support the hypothesis that students who spend more time studying science are those who choose to spend more time in regular school lessons as optional courses. However, this conclusion is limited, given that the data concerning the proportion of students who take optional courses in regular school lessons is only available for the subject of science and not for mathematics or the language of instruction.

In many countries, schools typically tend to offer classes in mathematics and in the language of instruction as compulsory courses. Thus, students may be obliged to attend classes in mathematics and the language of instruction, and those students who are underperforming in mathematics or reading may be required to take more classes to catch up with other students. In turn, students who are obliged to spend a long time in regular school lessons perform lower than students who spend a moderate amount of time in regular school lessons in mathematics and the language of instruction.

It is, thus, somewhat misleading to conclude that spending a long time in regular school lessons is an inefficient way to achieve better performance if that conclusion is only based on the results for mathematics and reading shown in Figure 4.3. Educational curricula vary across countries, and the amount of time allocated to each subject across different grade levels differs greatly among countries. Rules and practices on how much choice students have in taking various regular school lessons vary across subjects and across education systems. In order to determine who are the students spending a long time in regular school lessons in mathematics and the language of instruction, and how students' choice of classes and their interest in subjects play a role in the relationship between learning time and performance, it is essential to conduct further study and collect relevant information on school curricula and practices.



Figure 4.4
Difference in percentage of students who take optional science courses, by learning time in regular school lessons in science



Note: Differences that are statistically significant are marked in a darker tone.
Countries are ranked in descending order of the difference in percentage of students who take optional courses between students who spend 6 hours or more a week in school lessons and 4 to 6 hours a week in school lessons in science.
Source: *OECD PISA 2009 Database*, Table 4.4.

The role of students' motivation

When students can choose whether or not to participate in more science lessons in school, how does their motivation to learn science influence the relationship between learning time and performance? In PISA 2006, students were asked to report whether doing well in the subject of science was "very important", "important", "of little importance" or "not important at all" to them. The relationships between learning time in regular school lessons in science and performance in science are compared between students who reported that doing well in science was very important and other students who reported that doing well in science was not very important.

Figure 4.5 provides a comparison of students with different views on the importance of doing well in science. It shows that the relationship between learning time in regular school lessons in science and performance in science is similar when students spend less time learning, but the difference increases when students spend a long time learning. On average across OECD countries, among students who reported that doing well in science was very important, an increase of one hour in regular school lessons in science corresponds to an increase of around 26 score points in performance. Among students who reported that doing well in science was not very important, an increase of one hour in regular school lessons in science corresponds to an increase of around 22 score points in performance, after the socio-economic background of students and schools was taken into account. This means that when these two groups of students with different views on the importance of doing well in science are compared, the difference in performance increases by four score points for every additional hour a student spends learning science in regular school lessons. Consequently, there is a substantial difference in performance – 20 score points or more – between these students when they spend five hours or more per week in regular school lessons in science (Table 4.5a).

A similar pattern is observed in 19 OECD countries and 14 partner countries and economies. In France, Iceland, Portugal, Spain, New Zealand, Greece, the Czech Republic and the partner country Romania, the difference in performance between students with different views on science increases by six score points or more for every additional hour in regular school lessons in science.

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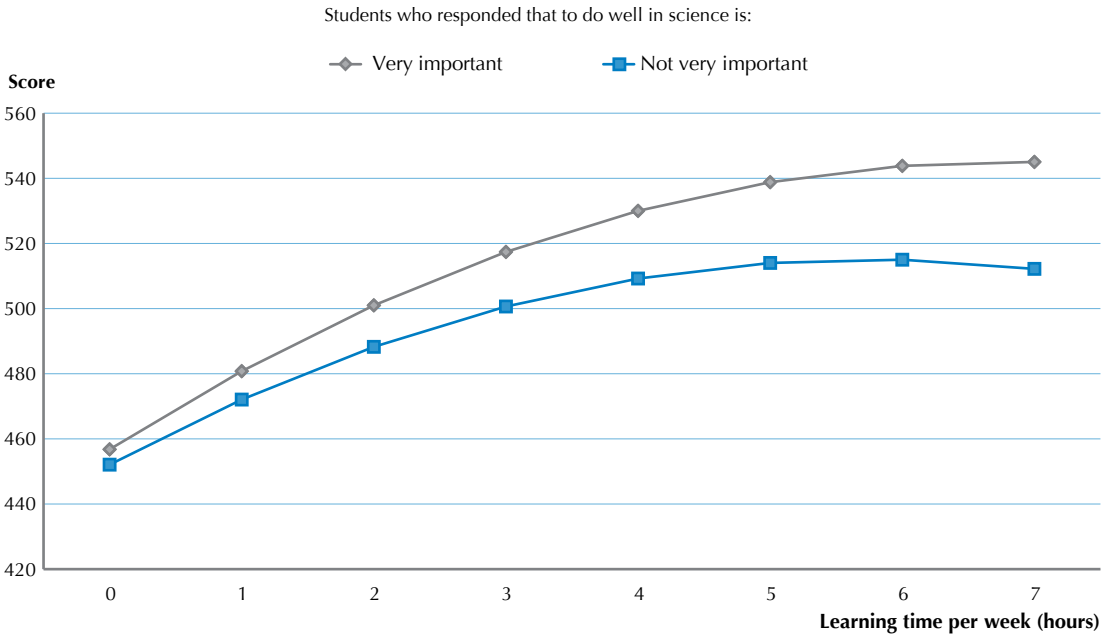


When students in academic and vocational schools are analysed separately (Table 4.5b), the same kind of pattern appears, showing an increase in score points for every additional hour a student is in school. One might argue that this pattern could be the result of students' various motivations and reasons for attending each school type (academic or vocational), rather than students' different views on the importance of doing well in science. For example, students in vocational schools may be less likely to believe that doing well in science is important, while students in academic schools may be more likely to prioritise science in their lives. Perhaps students' different attitudes towards science were influenced by tracking. If so, then the resulting pattern would have strongly favoured academic students. However, when students with different views on the importance of doing well in science were compared, the difference in performance increased by four points in academic schools and by two points in vocational schools for every additional hour a student spent learning science in regular school lessons. Tracking was thus eliminated as a possible explanation for the different views of importance of science and science performance.

The resulting patterns imply that when students believe that doing well in science is very important, spending more time learning science in regular school lessons is a more efficient way of improving their performance. This result confirms what Carroll propounded: students' full engagement is one of the key factors for learning (Carroll, 1963). Thus, it is crucial to make the most of learning time and of students' quality of learning per hour, since it is not often feasible to increase the absolute number of learning hours because students have a limited amount of learning time in school. The more important task would be to enhance students' understanding of why it is important to learn a particular subject. That could help make learning time more efficient.

Figure 4.5

Relationship between performance in science and learning time in regular school lessons in science, by students' perception of doing well in science



Source: *OECD PISA 2006 Database*, Table 4.5a.



LEARNING TIME IN OUT-OF-SCHOOL-TIME LESSONS AND PERFORMANCE

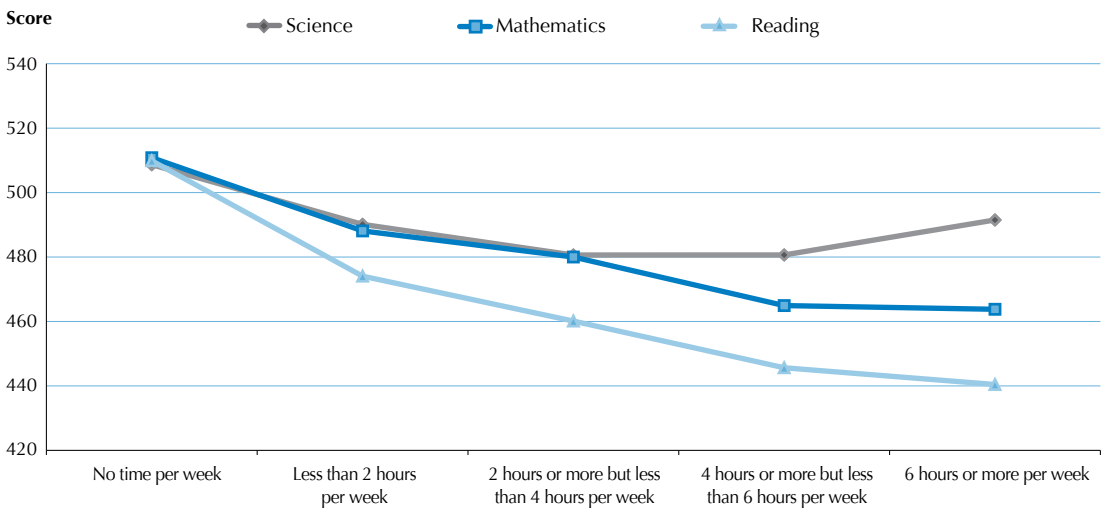
Science

The patterns reflecting the relationship between the out-of-school-time lessons and science performance are vastly different from those concerning regular school lessons. In science, there is a consistently negative relationship between learning time in out-of-school-time lessons and performance in most countries. In general, students who spend more time learning science in out-of-school-time lessons tend to perform lower in science, as shown in Figure 4.6. Across OECD countries, students who spend less than two hours per week in out-of-school-time lessons in science tend to perform 19 score points lower in science than students who do not spend any time learning science in out-of-school-time lessons; students who spend between two and six hours tend to perform 28 score points lower; students who spend six or more hours per week show little difference in performance from students who do not spend any time learning science. A similar relationship is observed even when adjusting for the socio-economic background of students and schools, and for students' science learning time in regular school lessons and individual study (Table 4.6a).

However, in Greece, Turkey and the partner countries and economies Azerbaijan, Hong Kong-China, Chinese Taipei, Thailand and Tunisia, students who spend time learning science in out-of-school-time lessons tend to achieve higher scores than students who do not spend any time learning science in out-of-school-time lessons. The relationship remains positive after adjusting for the socio-economic background of students and schools in all of these countries, except for Azerbaijan and Chinese Taipei, even though the positive differences become smaller. The relationship disappears in all countries except Turkey, however, when adjusting for learning time in regular school lessons and learning time in individual study, and for the socio-economic background of students and schools (Table 4.6a).

Figure 4.6

Within-country relationship between performance and learning time in out-of-school-time lessons, by subject (OECD average)



Source: *OECD PISA 2006 Database*, Tables 4.6a, 4.6b and 4.6c.

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Mathematics

In mathematics as in science there is a consistently negative relationship between learning time in out-of-school-time lessons and performance in most countries. In general, students who spend more time learning mathematics in out-of-school-time lessons tend to perform less well in mathematics, as shown in Figure 4.6. Across OECD countries, students who spend less than 2 hours per week in out-of-school-time lessons in mathematics tend to perform 23 score points lower in mathematics than students who do not spend any time learning mathematics in out-of-school-time lessons; students who spend 2 to less than 4 hours per week tend to perform 31 score points lower; students who spend 4 to less than 6 hours per week tend to perform 46 score points lower; and students who spend 6 or more hours per week tend to perform 47 score points lower. A similar relationship is observed even when adjusting for the socio-economic background of students and schools, and for students' mathematics learning time in regular school lessons and individual study (Table 4.6b).

Some positive relationships between learning time in out-of-school-time lessons in mathematics and performance in mathematics are found in a few countries, including Greece, Korea, the Slovak Republic, Turkey and the partner countries and economies Chinese Taipei and Tunisia. After adjusting for learning time in regular school lessons and individual study, in addition to the socio-economic background of students and schools, only a slight positive relationship can be observed in Korea, Turkey and the partner economy Chinese Taipei.

Language of instruction

In most countries, there is also a consistently negative relationship between learning time in out-of-school-time lessons and performance in the language of instruction. In general, students who spend more time learning the language of instruction in out-of-school-time lessons tend to perform lower in reading, as shown in Figure 4.6. Across OECD countries, students who spend less than 2 hours per week in out-of-school-time lessons in the language of instruction tend to perform 36 score points lower in reading than students who do not spend any time learning the language of instruction in out-of-school-time lessons; students who spend 2 to less than 4 hours per week tend to perform 50 score points lower; students who spend 4 to less than 6 hours per week tend to perform 64 score points lower; and students who spend 6 or more hours per week tend to perform 69 score points lower. A similar relationship is observed even when adjusting for the socio-economic background of students and schools, and for students' learning time on the language of instruction in regular school lessons and individual study (Table 4.6c).

However, there are some positive relationships between learning time in out-of-school-time lessons in the language of instruction and performance in reading in Korea and the Slovak Republic, even after the socio-economic background of students and schools are adjusted for. After adjusting for learning time in regular school lessons and individual study, and for the socio-economic background of students and schools, only a slight positive relationship can be observed: in Korea, students who spend 2 to less than 4 hours per week tend to perform 12 score points higher than students who do not spend any time learning the language of instruction in out-of-school-time lessons, while in the Slovak Republic, students who spend less than 2 hours per week in out-of-school-time lessons on the language of instruction tend to perform 7 score points higher than students who do not spend any time learning the language of instruction in out-of-school-time lessons.



Performance by different types of out-of-school-time lessons

Since PISA is a cross-sectional study, it is difficult to determine the causality of the relationships. Thus the results of this examination of the relationship between the specific types of out-of-school-time lessons and performance should be interpreted with caution. The difference in performance between students who do not take any out-of-school-time lessons and those who attend one type of out-of-school-time lesson cannot be conclusively attributed to the effectiveness of the out-of-school-time lessons.

Seven types of out-of-school-time lessons are defined according to two factors: size of lessons and affiliation of instructors. Students are thus grouped into one of the following three categories: those who attend one-to-one lessons only, group lessons only, or both one-to-one and group lessons. Students are also grouped into one of the following three categories: those who attend out-of-school-time lessons with an instructor who is a teacher at the students' schools (*i.e.* with a school teacher) only, out-of-school-time lessons with an instructor who is not a teacher at the students' schools (*i.e.* with a non-school teacher) only, or both out-of-school-time lessons with school and non-school teachers. Consequently, students are grouped into nine mutually exclusive types. As in many countries, there are very few students who attend the type of "one-to-one lessons only with a school teacher only" and the type of "one-to-one-lessons only with both school and non-school teachers", these two types are merged and labelled as "others". For the rest of seven types of out-of-school-time lessons, student's average performance is computed and compared with the performance score for students who do not attend any of these types of out-of-school-time lessons.

Below are the seven different types of out-of-school-time lessons with the variable names presented in brackets:

- one-to-one lesson with a non-school teacher [TYPE1];
- group lesson with a school teacher [TYPE2];
- group lesson with a non-school teacher [TYPE3];
- group lesson with both school and non-school teachers [TYPE4];
- both one-to-one lessons and group lessons with school teachers [TYPE5];
- both one-to-one lessons and group lessons with non-school teachers [TYPE6]; or
- both one-to-one lessons and group lessons with both school and non-school teachers [TYPE7].

Students' performance in science, mathematics and reading are considered simultaneously, since the questions regarding the different types of out-of-school-time lessons were not asked separately by subject, but for subjects that students were learning at school in general. A structural equation model developed for this analysis is presented in the annex.

As shown in Figure 4.7, students who attend out-of-school-time lessons generally perform less well than students who do not attend out-of-school-time lessons in all types of out-of-school-time lessons, except students who attend "group lesson with a non-school teacher" and "group lesson with a school teacher".

As presented in Box 4.2, among these seven different types of out-of-school-time lessons, the type of "group lesson only with a non-school teacher" shows the most consistent positive relationship with performance across countries, after holding constant the socio-economic background of students and schools. Suppose that there are two students from families with similar socio-economic backgrounds in schools with similar socio-economic backgrounds. One of the students does not take any types of out-of-school-time lessons, while the other student is involved in a "group lesson with a non-school teacher". The latter student performs

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better than the former in seven OECD countries and nine partner countries and economies (Table 4.7). Students who are involved in "group lessons only with a non-school teacher only" perform around 20 score points or higher in Turkey, Greece, Korea, Australia, Poland and in the partner countries and economies Chinese Taipei, Bulgaria, Hong Kong-China and Kyrgyzstan.

Students who are involved in a "group lesson with a school teacher" also tend to achieve higher scores than students who do not take any type of out-of-school-time lessons, after adjusting for the socio-economic background of students and schools. This positive relationship can be observed in five OECD countries and five partner countries and economies: Korea, the United Kingdom, Poland, Italy, Turkey and the partner countries and economies Kyrgyzstan, the Russian Federation, Lithuania, Bulgaria and Chinese Taipei (Table 4.7).

Box 4.2. **Summary of performance difference by seven types of out-of-school-time lessons**

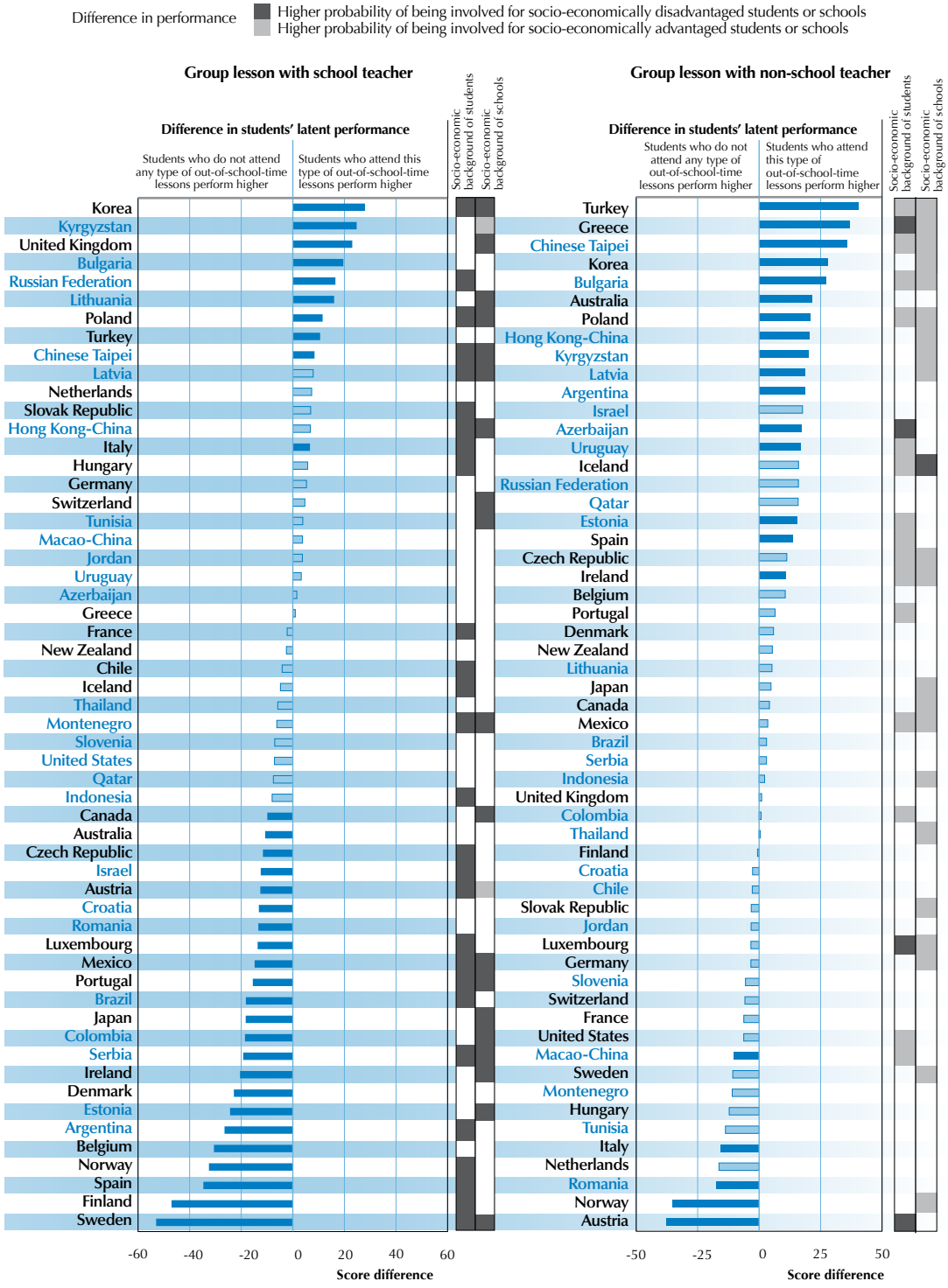
The table below presents the number of countries that show a significant difference, either negative or positive, between the average performance of students who attend a certain type of out-of-school-time lesson and the average performance of students who do not attend any type of out-of-school-time lesson. The number of OECD countries is indicated in brackets. For example, regarding "one-to-one lessons only with non-school teacher only", in 32 countries (of which 20 are OECD countries), students who attend this type of out-of-school-time lesson tend to perform lower than students who do not attend any type of out-of-school-time lesson. However, in three countries (of which two are OECD countries), students who attend this type of out-of-school-time lesson tend to achieve higher scores than students who do not attend any type of these lessons.

		Affiliation of instructors					
		School teacher		Non-school teacher		Both school and non-school teachers	
		Negative	Positive	Negative	Positive	Negative	Positive
Size of lessons	One-to-one lesson			32(20)	3 (2)		
	Group lesson	22 (15)	10 (5)	5(3)	16 (7)	47 (27)	2(1)
	Both one-to-one and group lessons	46 (25)	1 (0)	30 (20)	6 (4)	55 (29)	1(1)

Source: *OECD PISA 2006 Database*, Table 4.7.



Figure 4.7
Difference in students' latent performance, by different types of out-of-school-time lessons



Note: Differences that are statistically significant are marked in a darker tone.
Countries are ranked in descending order of the difference in students' latent performance.
Source: *OECD PISA 2006 Database*, Table 4.7.

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While out-of-school-time lessons can enhance learning, these lessons could also reinforce inequalities, since they vary across socio-economic groups. Which types of out-of-school-time lessons enhance learning without introducing inequities? And in which countries are they found?

When focusing on the countries where the "group lesson with a school teacher" or "group lesson with a non-school teacher" types are related to better performance, different patterns emerge in the way these lessons mediate the relationship between students' socio-economic background and performance. The "group lesson with a school teacher" tends to reduce the impact of socio-economic background on performance, since socio-economically disadvantaged students are more likely to attend this type of lesson (*i.e.* negative logit scores in Table 4.7) and are, in turn, more likely to achieve higher scores than students who do not participate any out-of-school-time lesson. The results show that, out of ten countries in which there are positive relationships between performance and the "group lesson with a school teacher", socio-economically disadvantaged students and/or schools tend to be more involved in this type of lesson than socio-economically advantaged students and/or schools in seven of these countries: Korea, the United Kingdom, Poland, Italy and the partner countries and economies the Russian Federation, Lithuania and Chinese Taipei. Only in Kyrgyzstan does this type of out-of-school-time lesson reinforce inequity, as socio-economically advantaged schools tend to be more involved in these lessons and tend to achieve higher scores (Table 4.7).

In contrast, the "group lesson with a non-school teacher" tends to reinforce the impact of socio-economic background on performance, since socio-economically advantaged students are more likely to attend this type of lesson (*i.e.* positive logit scores in Table 4.7) and are, in turn, more likely to achieve higher scores than those students who do not participate in any out-of-school-time lessons. Consequently, the difference in performance between socio-economically advantaged and disadvantaged students and/or schools is magnified by this type of out-of-school lesson. The results show that out of 16 countries that show a positive relationship between performance and "group lesson with a non-school teacher", more advantaged students and/or schools tend to be involved in this type of out-of-school-time lessons in 12 countries and economies.

LEARNING TIME IN INDIVIDUAL STUDY AND PERFORMANCE

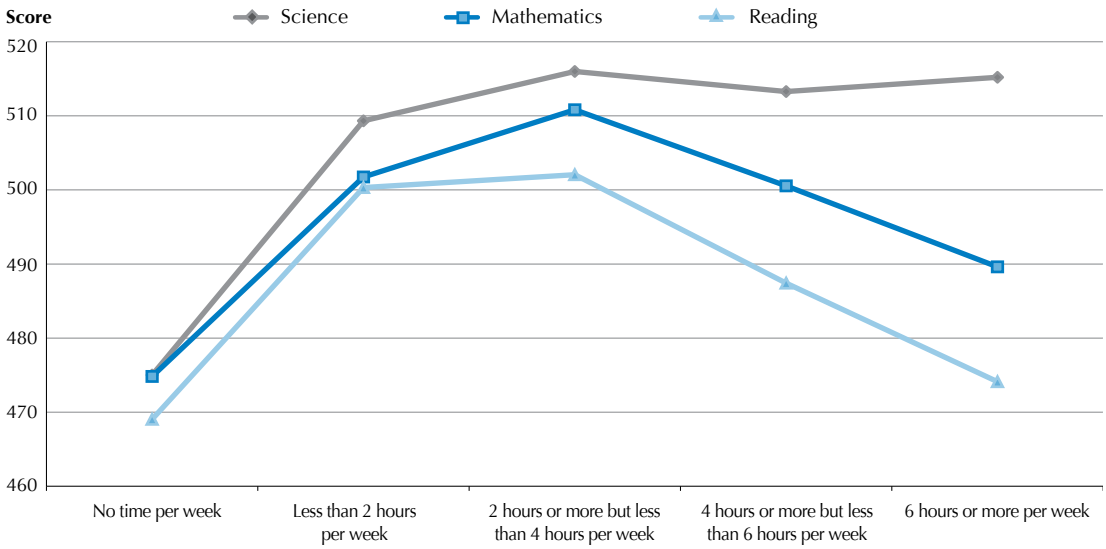
Science

In most countries, students who spend more time engaged in individual study of science achieve higher scores than students who do not spend any time in individual study of science. As shown in Figure 4.8, across OECD countries, students who spend less than 2 hours per week in individual study of science tend to perform 34 score points higher in science than students who do not spend any time in individual study of science; students who spend 2 to less than 4 hours per week tend to perform 41 score points higher; students who spend 4 to less than 6 hours per week tend to perform 38 score points higher; and students who spend six or more hours per week tend to perform 40 score points higher (Table 4.8a).

Even though students who spend time in individual study of science outperform those who do not, in some countries, spending more time in individual study is not necessarily related to better performance. The relationship between learning time in individual study of science and performance in science is not linear; often the relationship shows a steep increase up to four hours per week, but then decreases slightly. Students who spend a moderate amount of time, around two to four hours per week, tend to achieve the highest scores and perform better than students who spend six hours or more per week.



Figure 4.8
Within-country relationship between performance and learning time in individual study, by subject (OECD average)



Source: *OECD PISA 2006 Database*, Tables 4.8a, 4.8b, and 4.8c.

Mathematics

As with the study of science, students who spend a moderate amount of time in individual study in mathematics tend to achieve the highest scores, while students who spend a long time in individual study in mathematics do not perform as well as those who spend a moderate amount of time. This pattern is more prominent for individual study in mathematics than for individual study of science. As shown in Figure 4.8, across OECD countries, students who spend less than two hours per week in individual study in mathematics tend to perform 27 score points higher in mathematics than students who do not spend any time in individual study in mathematics; students who spend two to less than four hours per week tend to perform 36 score points higher; and students who spend four to less than six hours per week tend to perform 26 score points higher. But students who spend six or more hours per week do not tend to achieve higher scores (Table 4.8b).

In some countries, students who spend a long time in individual study in mathematics tend to perform even lower than students who do not spend any individual study time. For example, in Switzerland, Austria, Luxembourg, the Czech Republic and Iceland, students who spend six or more hours per week in individual study in mathematics tend to perform lower, by 28 to 72 score points, in mathematics than students who do not spend any time in individual study. In Switzerland, the Czech Republic, Sweden and the partner country Israel, students who spend from four to less than six hours per week in individual study in mathematics tend to perform lower, by 24 to 40 score points than students who do not spend any time in individual study.

Language of instruction

Students who spend a moderate amount of time in individual study in the language of instruction achieve higher scores than students who spend a long time in individual study. In general, the relationship between learning time in individual study in reading and performance in reading show a mountain shape, as shown in Figure 4.8. Across OECD countries, students who spend less than two hours per week in individual study in the language of instruction tend to perform 31 score points higher in reading than students who do not

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spend any time in individual study on the language of instruction; and students who spend from 2 to less than 4 hours per week tend to perform 33 score points higher. But students who spend four or more hours per week do not tend to achieve higher scores (Table 4.8c).

In ten OECD countries and nine partner countries and economies, students who spend six or more hours per week in individual study in the language of instruction achieve higher scores than students who do not spend any time in individual study. However, in Austria, Switzerland, Germany, Luxembourg, Ireland and the partner countries Israel and Argentina, students who spend 6 or more hours per week in individual study in the language of instruction tend to perform lower than students who do not spend any time in individual study, by 24 to 105 score points.

In all three subjects, students who spend up to four hours per week more in individual study tend to achieve higher scores, but beyond four hours per week, students do not necessarily achieve higher scores in proportion to the time they spend. This may be because of differences in characteristics between students who spend a long time in individual study and those who spend a moderate amount of time. For example, students who spend long hours in individual study are often the students who need more time than other students to complete a certain number of tasks. Students may also spend a long time in individual study because their teachers give them additional assignments in order to catch up with other classmates. Thus, there is not enough evidence to conclude that the efficiency of learning time diminishes after a certain amount of time dedicated to individual study.

DO STUDENTS WHO STUDY LONGER PERFORM BETTER?

Across countries, relative learning time in regular school lessons, which is equivalent to the proportion of absolute learning time in regular school lessons out of absolute total learning time, which includes time spent in regular school lessons, out-of-school-time lessons and individual study, is strongly related to performance. Countries with a higher proportion of time allocated to regular school lessons tend to perform better. Students in high-performing countries spend less relative time, on average, in out-of-school-time lessons and individual study, and more relative time in regular school lessons than students in low-performing countries.

Compared with the countries with high relative learning time in regular school lessons, the countries with low relative learning time in these lessons turn out to have system characteristics that are related to low overall performance: less human and material resources, less school autonomy and lower proportions of standardised external examinations. The evidence implies that it is the quality of regular school lessons, not the quantity of learning hours, that explains more of the difference in performance across countries.

Within countries, the absolute length of learning time in regular school lessons is more strongly related to performance than relative learning time in regular school lessons. This is because the quality of learning time in regular school lessons within countries does not vary as much as across countries.

Students who spend a long time in regular school lessons in science do better than those who spend a shorter amount of time in regular science classes, but the same is not true in mathematics and the language of instruction: students who spend a long time learning these two subjects in regular school lessons perform less well than students who spend a moderate amount of time in regular school lessons. One hypothesis for this difference among the three subjects is that the students who spend a long time in regular school lessons in science are those who choose to do so in optional courses, because they are interested in science, while students who spend a long time in regular school lessons in mathematics and in the language of instruction are obliged to do so for remedial purposes. In addition, when students in regular school science lessons believe that it is very important to do well in science, they use their time in school classes more efficiently to



perform better. These results imply that when students believe that doing well in science is very important, spending more time learning science in regular school lessons is a more efficient way of improving their performance.

Students who spend a long time in out-of-school-time lessons tend to perform lower in all three subjects. However, in the two specific types of out-of-school-time lessons, "group lesson with a non-school teacher" and "group lesson with a school teacher", students in several countries tend to achieve higher scores than students who do not attend any out-of-school-time lessons.

While "group lessons with a non-school teacher" seem to lead to better student performance, these types of out-of-school-time lessons sometimes reinforce educational inequity. "Group lessons with a school teacher", however, seem to provide both quality and equity in some countries. Socio-economically disadvantaged students are more likely to be involved in these types of lessons and tend to achieve higher scores than students who do not take any type of out-of-school-time lessons.

Students who spend up to four hours per week more in individual study in science, mathematics and reading tend to achieve higher scores, but beyond four hours per week, students do not necessarily achieve higher scores in proportion to the time they spend. This may be because of differences in characteristics between students who spend a long time in individual study and those who spend a moderate amount of time. For example, students who spend long hours in individual study are often the students who need more time than other students to complete a certain number of tasks.

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POLICY IMPLICATIONS

For policy makers

Improve quality of in-school lessons

Across countries, absolute learning time in schools is positively, but weakly, related to performance, but relative learning time in schools – the proportion of time spent in school classes relative to other learning activities – is more strongly related to performance. The implication of this finding is that the quality of school lessons leads to better overall student performance.

Given these findings, simply adding hours to the school day or encouraging students to spend more time in after-school lessons or individual study would not automatically help low-performing countries improve their test scores. Instead, these countries should explore ways to improve the quality of school lessons. One way of doing so would be to improve the quality of teachers. Training to at least a minimum standard of subject knowledge and confidence in working with students should be required of all teachers. Resources for education should be bolstered to the greatest extent possible to ensure the quality of education. Countries could also consider giving schools more autonomy in staffing, budget and curriculum decisions. This will give school officials greater incentive to make the most of the resources available to them. In addition, developing an independent system to assess student performance would improve accountability in individual schools and help raise the quality of education among all schools within the country.

An in-depth study of how regular school lessons are structured – including when in the day classes are held, class size, length of school day and school term, the length and frequency of vacation time – could assist policy makers in developing a schedule of school lesson time that is most effective for learning.

Promote learning activities that foster equity

In several countries, students who attend after-school group lessons tend to achieve higher scores than students who do not attend any out-of-school-time lessons.

But there is a difference in equity between those out-of-school-time lessons taught by a school teacher and those taught by a non-school teacher. While group lessons with a non-school teacher seem to be related to high performance, they could reinforce educational inequity, since socio-economically advantaged students are more involved in this type of out-of-school-time lesson and consequently achieve higher scores. Group lessons with a school teacher, however, offer both quality and equity. Socio-economically disadvantaged students are more likely to be involved in this type of out-of-school-time lesson and tend to achieve higher scores than students who do not take any type of out-of-school-time lesson. This is the case in Korea, the United Kingdom, Poland, Italy and the partner countries and economies the Russian Federation, Lithuania and Chinese Taipei. An in-depth study of how these lessons with a school teacher are organised in these countries would help policy makers develop recommendations on offering similar kinds of lessons in other countries.

...



For school administrators, teachers, parents and students

Motivate students

The relationship between learning time and performance within countries is different from that between countries. Here, the absolute length of learning time in regular school lessons is more strongly related to performance than relative learning time in school, probably because the quality of learning time in regular school lessons does not vary much between schools within countries.

In many countries, students who spend more time in regular school lessons in science tend to achieve higher scores, while students who spend more time in regular school lessons in mathematics and the language of instruction achieve lower scores than students who spend a moderate amount of time. One possible explanation for these different relationships is that students tend to have the flexibility to choose whether they spend more time in science classes, while they tend to be obliged to attend mathematics classes and classes on the language of instruction.

Students who have more freedom to choose optional courses tend to take classes in subjects that interest them. The study shows that when students believe it is very important to do well in science, they use their learning time in school more efficiently and effectively, and so achieve higher scores. Teachers, schools, and policy makers could not only encourage students to spend more time in learning, but also develop measures to help change attitudes. As resources permit, schools could offer more optional courses for those students who show an interest in exploring their required subjects more deeply or in broadening the range of subjects they study. Parents could emphasise the importance of learning each subject, perhaps by explaining how mastery of those subjects will broaden their children's future job opportunities, enable them to participate fully in society and enrich their lives.

The importance of learning science should be emphasised to all students, but particularly to boys, students from socio-economically disadvantaged backgrounds, those in rural schools, in public schools and in vocational schools, as these students tend to spend less time in school science classes.

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Annex

Annex A1: Questionnaire indices

Annex A2: Data tables



ANNEX A1: QUESTIONNAIRE INDICES

This annex describes the indices derived from student and school questionnaires that are used in this report. This report uses five distinctive indices reflecting population sub-groups. Population sub-groups at the individual level include gender, socio-economic status and immigrant status; population sub-groups at the school level comprise lower or upper secondary schools, academic or vocational schools, public or private school and school location. Among these, gender and school location are recoded from single questionnaire items. For further information on constructing indices, see Chapter 16 in the *PISA 2006 Technical Report*.

Student-level indices

Economic, social and cultural status

The PISA index of economic, social and cultural status (ESCS) was derived from the following three indices: highest occupational status of parents (HISEI), highest educational level of parents in years of education according to ISCED (PARED), and home possessions (HOMEPOS). The index of home possessions (HOMEPOS) comprises all items on the indices of WEALTH, CULTPOSS and HEDRES, as well as books in the home recoded into a three-level categorical variable (less than 25, 25-100 books,or more than 100 books).

The PISA index of economic, social and cultural status (ESCS) was derived from a principal component analysis of standardised variables (each variable has an OECD mean of zero and a standard deviation of one), taking the factor scores for the first principal component as measures of the index of economic, social and cultural status.

Principal component analysis was also performed for each participating country to determine to what extent the components of the index operate in similar ways across countries. The analysis revealed that all three components contribute more or less equally to this index with factor loadings ranging from 0.55 to 0.87 except only in a few countries. Internal consistency ranges between 0.52 and 0.80, the median scale reliability for the pooled OECD countries is 0.67.

The imputation of components for students missing data on one component was done on the basis of a regression on the other two variables, with an additional random error component. The final values on the PISA index of economic, social and cultural status (ESCS) have an OECD mean of zero and a standard deviation of one.

Immigrant background

As in PISA 2000 and PISA 2003, information on the country of birth of the students and their parents was collected in PISA 2006. Included in the database are three country-specific variables relating to the country of birth of the student, mother, and father (COBN_S, COBN_M and COBN_F). Also, the items ST11Q01, ST11Q02 and ST11Q03 have been re-coded for the database into the following categories: (1) country of birth is same as country of assessment; and (2) otherwise.

The index on immigrant background (IMMIG) is calculated from these variables, and has the following categories: (1) native students (those students who had at least one parent born in the country of assessment); (2) second-generation students (those born in the country of assessment but whose parent(s) were born in another country); and (3) first-generation students (those students born outside the country of assessment and whose parents were also born in another country). Students with missing responses for either the student or both parents have been given missing values for this variable.

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School-level indices

Study programme

PISA 2006 collected data on study programmes available to 15-year-old students in each country. This information was obtained through the student tracking form and the student questionnaire. All study programmes were classified using the international standard classification of education (ISCED). In the PISA international database, all national programmes is included in a separate variable (PROGN) where the first three digits are the ISO code for a country, the next two digits are the sub-national category, and the last two digits are the nationally specific programme code.

The following indices are derived from the data on study programmes:

- Programme level (ISCEDL) indicates whether students are in lower secondary education level (ISCED 2) or upper secondary level (ISCED 3).

- Programme designation (ISCEDD) indicates the designation of the study programme (A = general programmes designed to give access to the next programme level, B = programmes designed to give access to vocational studies at the next programme level, C = programmes designed to give direct access to the labour market, M = modular programmes that combine any or all of these characteristics).

- Programme orientation (ISCEDO) indicates whether the programme's curricular content is (1) general, (2) pre-vocational or (3) vocational.

School type

Schools are classified as either public or private according to whether a private entity or a public agency has the ultimate power to make decisions concerning each school's affairs. The index on school type (SCHLTYPE) has three categories: (1) public schools controlled and managed by a public education authority or agency; (2) government-dependent private schools, controlled by a non-government organisation or with a governing board not selected by a government agency, which receive more than 50% of their core funding from government agencies; or (3) government-independent private schools, controlled by a non-government organisation or with a governing board not selected by a government agency, which receive less than 50% of their core funding from government agencies.



ANNEX A2: DATA TABLES

[Part 1/2]
Table 2.1a Percentage of students, by time spent learning science

		Regular school lessons										Out-of-school-time lessons									
		No time per week		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week		No time per week		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	14.3	(0.6)	10.1	(0.3)	38.5	(0.8)	30.6	(0.7)	6.5	(0.3)	77.0	(0.5)	17.7	(0.4)	4.3	(0.2)	0.8	(0.1)	0.2	(0.1)
	Austria	17.3	(0.8)	27.3	(0.9)	35.0	(0.9)	14.3	(0.8)	6.1	(0.8)	88.2	(0.6)	8.1	(0.5)	2.8	(0.2)	0.7	(0.1)	0.3	(0.1)
	Belgium	15.1	(0.8)	27.1	(0.7)	33.9	(0.7)	16.6	(0.7)	7.2	(0.5)	80.8	(0.5)	14.2	(0.4)	3.9	(0.2)	0.8	(0.1)	0.3	(0.1)
	Canada	9.3	(0.4)	14.3	(0.5)	19.6	(0.9)	35.4	(0.6)	21.5	(0.8)	66.4	(0.7)	24.9	(0.6)	6.9	(0.3)	1.4	(0.1)	0.4	(0.1)
	Czech Republic	11.1	(1.0)	29.3	(1.0)	31.6	(1.2)	13.1	(0.6)	14.8	(1.0)	67.8	(0.9)	23.7	(0.8)	6.9	(0.4)	1.1	(0.2)	0.6	(0.1)
	Denmark	3.5	(0.6)	14.0	(0.7)	55.3	(1.1)	24.9	(0.9)	2.4	(0.4)	46.8	(1.1)	43.3	(0.9)	8.1	(0.5)	1.5	(0.2)	0.4	(0.1)
	Finland	3.4	(0.3)	19.6	(0.8)	49.9	(1.2)	23.2	(1.3)	3.9	(0.4)	76.9	(0.7)	19.1	(0.6)	3.5	(0.3)	0.4	(0.1)	0.1	(0.0)
	France	7.7	(0.6)	30.2	(0.8)	36.3	(0.8)	17.5	(0.9)	8.3	(0.6)	62.7	(0.8)	29.7	(0.9)	6.6	(0.4)	0.9	(0.1)	0.2	(0.1)
	Germany	9.3	(0.7)	25.3	(0.8)	33.1	(0.9)	22.3	(0.8)	10.0	(0.5)	70.6	(0.8)	20.8	(0.7)	7.0	(0.4)	1.1	(0.2)	0.5	(0.1)
	Greece	8.7	(0.6)	19.3	(0.8)	38.5	(0.9)	25.8	(0.9)	7.8	(0.5)	27.0	(0.9)	28.7	(0.7)	29.4	(0.8)	10.9	(0.6)	3.9	(0.3)
	Hungary	10.3	(1.0)	31.8	(1.0)	39.6	(1.0)	14.2	(0.7)	4.2	(0.4)	44.9	(1.0)	36.9	(0.9)	14.5	(0.7)	3.3	(0.3)	0.5	(0.1)
	Iceland	3.6	(0.3)	19.7	(0.6)	55.2	(0.8)	19.3	(0.6)	2.2	(0.3)	81.5	(0.6)	14.0	(0.6)	3.8	(0.3)	0.5	(0.1)	0.2	(0.1)
	Ireland	14.6	(1.0)	18.9	(0.8)	50.8	(1.0)	13.6	(0.6)	2.1	(0.3)	79.0	(0.7)	16.6	(0.6)	3.7	(0.3)	0.6	(0.1)	0.2	(0.1)
	Italy	11.1	(1.1)	23.2	(0.6)	40.8	(1.0)	14.3	(0.6)	10.6	(0.7)	69.9	(0.5)	19.6	(0.4)	7.7	(0.3)	2.1	(0.1)	0.7	(0.1)
	Japan	3.9	(1.1)	22.7	(1.4)	61.2	(1.5)	10.9	(1.1)	1.3	(0.3)	82.4	(0.7)	13.8	(0.6)	3.4	(0.3)	0.3	(0.1)	0.1	(0.0)
	Korea	3.4	(1.1)	5.9	(0.4)	55.0	(1.8)	31.2	(1.6)	4.5	(1.2)	50.0	(1.3)	27.8	(1.0)	18.8	(0.8)	2.6	(0.2)	0.7	(0.4)
	Luxembourg	11.0	(0.5)	39.5	(0.7)	31.6	(0.7)	13.0	(0.5)	4.8	(0.3)	70.5	(0.7)	21.1	(0.6)	6.7	(0.4)	1.3	(0.2)	0.4	(0.1)
	Mexico	14.2	(0.5)	26.8	(0.5)	22.3	(0.5)	17.6	(0.6)	19.1	(0.5)	50.0	(0.9)	31.5	(0.7)	13.3	(0.6)	3.7	(0.2)	1.5	(0.2)
	Netherlands	23.3	(0.9)	28.1	(0.9)	32.2	(0.8)	11.0	(0.5)	5.4	(0.4)	66.2	(0.8)	25.6	(0.7)	6.7	(0.4)	1.3	(0.2)	0.2	(0.1)
	New Zealand	8.9	(0.7)	7.7	(0.5)	18.7	(0.8)	55.8	(1.1)	9.0	(0.6)	74.5	(0.8)	19.5	(0.7)	4.7	(0.3)	1.0	(0.2)	0.3	(0.1)
	Norway	2.8	(0.3)	21.9	(1.0)	68.4	(1.0)	5.8	(0.5)	1.1	(0.2)	39.4	(1.0)	46.9	(0.9)	11.5	(0.5)	1.7	(0.2)	0.5	(0.1)
	Poland	3.0	(0.3)	33.7	(1.0)	42.5	(0.8)	17.6	(0.7)	3.2	(0.3)	59.6	(1.1)	31.4	(0.9)	7.4	(0.5)	1.1	(0.1)	0.4	(0.1)
	Portugal	13.0	(0.7)	24.6	(1.1)	27.0	(1.0)	16.2	(0.7)	19.2	(0.7)	66.8	(0.8)	21.7	(0.8)	8.6	(0.4)	2.5	(0.2)	0.5	(0.1)
	Slovak Republic	11.2	(0.8)	44.6	(1.3)	19.5	(0.8)	15.1	(0.9)	9.6	(0.9)	61.3	(1.3)	29.1	(1.1)	7.1	(0.5)	1.7	(0.2)	0.8	(0.1)
	Spain	9.9	(0.4)	17.7	(0.6)	45.4	(0.9)	15.4	(0.7)	11.5	(0.6)	70.1	(0.8)	16.0	(0.5)	9.9	(0.4)	3.1	(0.3)	1.0	(0.1)
	Sweden	2.9	(0.3)	17.1	(1.0)	69.3	(0.9)	9.6	(0.5)	1.1	(0.2)	64.4	(0.9)	29.2	(0.8)	5.6	(0.3)	0.6	(0.2)	0.2	(0.1)
	Switzerland	13.9	(0.6)	34.7	(0.8)	32.7	(0.7)	13.5	(0.6)	5.1	(0.5)	75.8	(0.5)	18.1	(0.5)	5.0	(0.2)	0.9	(0.1)	0.2	(0.1)
	Turkey	26.8	(1.3)	16.2	(0.9)	26.1	(1.0)	12.4	(0.5)	18.6	(1.3)	48.4	(1.2)	25.0	(0.7)	15.3	(0.7)	7.5	(0.6)	3.8	(0.4)
	United Kingdom	3.1	(0.3)	7.0	(0.4)	28.0	(0.9)	49.8	(1.1)	12.1	(0.7)	67.5	(0.8)	25.9	(0.7)	5.5	(0.3)	0.7	(0.1)	0.3	(0.1)
	United States	7.8	(0.5)	25.2	(0.9)	17.9	(0.8)	35.8	(1.2)	13.3	(0.8)	56.0	(0.8)	30.9	(0.7)	9.8	(0.5)	2.6	(0.3)	0.7	(0.1)
	OECD average	9.9	(0.1)	22.8	(0.2)	38.5	(0.2)	20.5	(0.2)	8.2	(0.1)	64.7	(0.2)	24.4	(0.1)	8.3	(0.1)	2.0	(0.0)	0.7	(0.0)
Partners	Argentina	14.5	(1.1)	36.8	(1.1)	32.3	(1.2)	11.3	(0.8)	5.1	(0.5)	72.8	(0.9)	18.7	(0.8)	6.7	(0.4)	1.4	(0.2)	0.4	(0.1)
	Azerbaijan	9.1	(0.6)	29.4	(1.1)	37.5	(1.4)	13.1	(0.8)	10.9	(0.8)	39.0	(1.1)	34.5	(0.9)	18.5	(0.9)	5.0	(0.4)	3.0	(0.3)
	Brazil	8.1	(0.4)	41.7	(0.9)	38.8	(0.7)	8.1	(0.5)	3.2	(0.4)	54.6	(0.9)	32.0	(0.7)	10.8	(0.5)	1.7	(0.2)	0.8	(0.2)
	Bulgaria	13.9	(0.9)	32.6	(1.1)	29.3	(1.0)	13.3	(0.9)	10.8	(0.8)	50.2	(1.0)	31.2	(0.7)	14.2	(0.6)	3.1	(0.3)	1.3	(0.2)
	Chile	15.4	(0.8)	37.4	(0.9)	27.4	(0.8)	12.6	(0.7)	7.2	(0.5)	50.9	(0.9)	35.6	(0.8)	10.9	(0.5)	1.9	(0.2)	0.7	(0.1)
	Colombia	5.3	(0.5)	18.7	(1.7)	33.8	(1.9)	32.9	(1.5)	9.4	(1.8)	49.2	(1.2)	34.2	(1.2)	11.7	(0.6)	4.2	(0.4)	0.7	(0.2)
	Croatia	24.3	(1.1)	25.6	(0.8)	39.8	(1.0)	7.8	(0.5)	2.6	(0.3)	75.2	(0.9)	17.2	(0.7)	6.1	(0.4)	1.2	(0.2)	0.2	(0.1)
	Estonia	3.0	(0.3)	25.2	(0.9)	40.2	(1.0)	20.0	(0.7)	11.6	(0.6)	55.3	(0.9)	31.8	(0.8)	10.7	(0.5)	1.7	(0.2)	0.6	(0.1)
	Hong Kong-China	32.8	(1.0)	10.0	(0.5)	17.0	(0.8)	14.1	(0.5)	26.2	(0.7)	61.2	(1.0)	21.0	(0.8)	12.4	(0.7)	4.0	(0.3)	1.4	(0.2)
	Indonesia	5.9	(0.8)	20.7	(1.4)	44.5	(1.1)	16.5	(1.2)	12.4	(0.9)	42.6	(1.6)	38.8	(0.9)	14.3	(0.9)	3.3	(0.3)	0.9	(0.1)
	Israel	24.0	(1.1)	24.5	(0.9)	28.2	(0.9)	14.5	(0.7)	8.8	(0.6)	50.4	(0.9)	31.5	(0.6)	13.1	(0.6)	4.0	(0.3)	1.0	(0.2)
	Jordan	10.4	(0.7)	26.0	(0.8)	25.3	(0.8)	22.7	(1.3)	15.6	(0.6)	35.1	(1.1)	32.9	(0.8)	22.3	(0.7)	7.6	(0.5)	2.1	(0.2)
	Kyrgyzstan	22.7	(0.8)	38.7	(1.0)	20.6	(0.7)	8.7	(0.5)	9.3	(0.9)	33.7	(1.0)	41.1	(0.8)	18.2	(0.6)	4.4	(0.3)	2.6	(0.2)
	Latvia	6.7	(0.5)	29.0	(0.9)	39.9	(1.2)	16.5	(1.0)	7.8	(0.6)	61.3	(1.0)	28.3	(0.8)	8.4	(0.5)	1.5	(0.2)	0.6	(0.1)
	Liechtenstein	5.3	(1.1)	33.9	(2.3)	45.3	(2.5)	10.6	(1.5)	4.9	(1.1)	69.1	(2.8)	21.9	(2.5)	7.4	(1.5)	1.5	(0.7)	a	a
	Lithuania	3.8	(0.3)	37.4	(1.0)	35.9	(0.7)	18.4	(0.6)	4.5	(0.4)	64.8	(1.0)	26.6	(0.9)	6.9	(0.4)	1.4	(0.2)	0.3	(0.1)
	Macao-China	11.3	(0.4)	14.7	(0.5)	28.4	(0.7)	22.3	(0.6)	23.3	(0.7)	52.6	(0.8)	30.2	(0.8)	10.8	(0.5)	3.7	(0.3)	2.6	(0.3)
	Montenegro	10.9	(0.4)	32.3	(0.8)	28.8	(0.8)	15.8	(0.6)	12.2	(0.6)	48.9	(0.8)	31.5	(0.8)	13.8	(0.5)	4.1	(0.3)	1.7	(0.2)
	Qatar	16.6	(0.5)	30.6	(0.5)	25.6	(0.6)	15.6	(0.5)	11.5	(0.4)	31.3	(0.7)	38.8	(0.6)	21.6	(0.6)	6.5	(0.3)	1.7	(0.2)
	Romania	17.5	(1.0)	37.0	(1.8)	27.8	(1.8)	9.3	(0.6)	8.5	(0.7)	44.6	(1.1)	37.4	(1.1)	13.5	(0.7)	3.3	(0.4)	1.2	(0.3)
	Russian Federation	6.7	(0.6)	22.6	(0.9)	25.7	(0.8)	21.2	(1.1)	23.9	(1.4)	41.4	(1.3)	38.7	(1.1)	14.5	(0.6)	3.6	(0.2)	1.7	(0.2)
	Serbia	12.4	(0.7)	25.5	(0.9)	36.5	(0.8)	13.9	(0.6)	11.6	(0.7)	57.8	(0.8)	28.2	(0.7)	11.0	(0.6)	2.0	(0.2)	1.0	(0.2)
	Slovenia	9.3	(0.4)	33.6	(0.7)	29.8	(0.7)	16.2	(0.6)	11.1	(0.5)	55.2	(0.8)	33.8	(0.8)	9.1	(0.5)	1.4	(0.2)	0.5	(0.1)
	Chinese Taipei	11.5	(0.9)	23.5	(0.9)	38.0	(0.9)	18.5	(0.8)	8.4	(0.5)	64.8	(0.7)	17.9	(0.6)	14.0	(0.5)	2.5	(0.2)	0.8	(0.1)
	Thailand	a	a	6.7	(0.6)	61.3	(1.2)	16.8	(0.8)	15.2	(0.6)	59.6	(1.2)	21.6	(0.9)	13.6	(0.6)	3.8	(0.3)	1.4	(0.2)
	Tunisia	10.6	(0.8)	34.8	(0.9)	33.2	(0.9)	11.2	(0.5)	10.2	(0.7)	19.9	(0.7)	40.3	(0.9)	26.9	(0.7)	9.4	(0.5)	3.6	(0.3)
	Uruguay	16.4	(0.9)	33.2	(0.9)	30.3	(1.0)	12.3	(0.6)	7.8	(0.5)	66.3	(0.8)	23.2	(0.7)	7.9	(0.4)	2.1	(0.3)	0.5	(0.1)

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[Part 2/2]

Table 2.1a Percentage of students, by time spent learning science

		Individual study									
		No time per week		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	30.5	(0.6)	50.5	(0.7)	14.9	(0.5)	3.2	(0.2)	0.9	(0.1)
	Austria	31.8	(1.0)	46.8	(0.8)	14.9	(0.6)	4.6	(0.3)	1.9	(0.2)
	Belgium	25.5	(0.8)	53.6	(0.7)	17.1	(0.6)	3.0	(0.2)	0.7	(0.1)
	Canada	22.0	(0.6)	48.7	(0.6)	21.7	(0.6)	5.9	(0.3)	1.7	(0.2)
	Czech Republic	39.5	(0.9)	44.7	(0.8)	12.4	(0.7)	2.5	(0.3)	0.8	(0.2)
	Denmark	22.8	(1.2)	63.9	(1.1)	11.1	(0.6)	1.7	(0.2)	0.5	(0.1)
	Finland	21.3	(0.7)	66.2	(0.8)	10.8	(0.6)	1.4	(0.2)	0.2	(0.1)
	France	23.1	(1.0)	55.2	(0.9)	17.2	(0.7)	3.5	(0.4)	1.0	(0.2)
	Germany	13.8	(0.7)	54.7	(0.8)	23.4	(0.7)	5.7	(0.4)	2.4	(0.2)
	Greece	21.7	(0.8)	40.2	(1.0)	26.3	(0.6)	8.6	(0.5)	3.2	(0.3)
	Hungary	19.0	(1.0)	50.7	(0.9)	23.0	(0.8)	5.5	(0.3)	1.8	(0.2)
	Iceland	22.3	(0.7)	61.4	(0.8)	13.8	(0.6)	1.9	(0.2)	0.6	(0.1)
	Ireland	29.7	(1.0)	50.5	(0.9)	15.4	(0.7)	3.4	(0.3)	0.9	(0.1)
	Italy	15.9	(1.2)	40.1	(0.9)	29.2	(0.8)	11.0	(0.5)	3.8	(0.3)
	Japan	46.0	(1.3)	47.7	(1.2)	5.4	(0.3)	0.8	(0.1)	0.1	(0.1)
	Korea	28.5	(1.1)	52.1	(1.2)	14.9	(0.6)	3.0	(0.3)	1.4	(0.6)
	Luxembourg	26.7	(0.6)	53.9	(0.7)	14.4	(0.5)	3.5	(0.3)	1.4	(0.2)
	Mexico	12.0	(0.5)	46.3	(0.6)	26.4	(0.6)	10.2	(0.4)	5.1	(0.3)
	Netherlands	29.9	(1.0)	49.5	(0.9)	16.4	(0.6)	3.6	(0.3)	0.6	(0.1)
	New Zealand	25.4	(0.9)	53.3	(0.8)	17.1	(0.6)	3.1	(0.3)	1.1	(0.2)
	Norway	20.5	(0.8)	61.0	(0.8)	16.0	(0.8)	2.0	(0.2)	0.6	(0.1)
	Poland	9.7	(0.4)	49.3	(0.8)	29.2	(0.7)	8.9	(0.4)	2.9	(0.2)
	Portugal	15.8	(0.8)	41.1	(0.9)	28.3	(0.7)	10.4	(0.5)	4.4	(0.3)
	Slovak Republic	30.4	(1.2)	43.1	(0.8)	19.9	(0.8)	5.0	(0.4)	1.6	(0.3)
	Spain	20.1	(0.7)	45.1	(0.7)	25.2	(0.7)	7.3	(0.3)	2.3	(0.2)
	Sweden	19.3	(1.6)	66.6	(1.7)	11.3	(0.6)	2.1	(0.3)	0.5	(0.1)
	Switzerland	26.0	(0.8)	58.8	(0.8)	12.0	(0.5)	2.7	(0.2)	0.5	(0.1)
	Turkey	34.3	(1.3)	32.0	(0.9)	21.7	(0.8)	8.5	(0.6)	3.5	(0.3)
	United Kingdom	14.0	(0.6)	61.1	(0.8)	21.2	(0.8)	3.0	(0.2)	0.7	(0.1)
	United States	17.6	(0.8)	50.3	(0.9)	23.3	(0.6)	6.8	(0.4)	2.1	(0.2)
	OECD average	23.8	(0.2)	51.3	(0.2)	18.5	(0.1)	4.8	(0.1)	1.7	(0.0)
Partners	Argentina	20.2	(0.9)	50.7	(1.0)	20.8	(0.8)	5.8	(0.5)	2.4	(0.3)
	Azerbaijan	12.7	(0.7)	34.5	(0.9)	28.3	(1.0)	13.3	(0.7)	11.2	(0.7)
	Brazil	16.3	(0.6)	52.0	(0.8)	23.2	(0.7)	5.7	(0.3)	2.8	(0.2)
	Bulgaria	22.1	(1.0)	37.3	(0.8)	25.2	(1.0)	10.2	(0.7)	5.2	(0.4)
	Chile	20.9	(0.9)	51.1	(0.8)	21.2	(0.6)	5.0	(0.3)	1.7	(0.2)
	Colombia	16.2	(0.9)	49.2	(1.0)	22.6	(0.8)	9.3	(0.8)	2.7	(0.2)
	Croatia	34.3	(1.1)	35.0	(0.7)	22.8	(0.8)	6.0	(0.4)	1.8	(0.2)
	Estonia	21.2	(0.7)	49.7	(0.8)	22.0	(0.6)	5.8	(0.3)	1.3	(0.2)
	Hong Kong-China	41.6	(0.9)	29.8	(0.7)	18.3	(0.6)	6.2	(0.4)	4.0	(0.4)
	Indonesia	9.2	(0.7)	58.0	(0.9)	23.9	(0.8)	6.8	(0.5)	2.1	(0.2)
	Israel	38.5	(1.1)	34.2	(0.9)	19.4	(0.8)	5.9	(0.4)	1.9	(0.2)
	Jordan	10.0	(0.5)	34.9	(0.9)	31.3	(0.8)	15.3	(0.6)	8.5	(0.6)
	Kyrgyzstan	22.0	(0.7)	37.3	(0.9)	21.9	(0.5)	10.4	(0.5)	8.4	(0.4)
	Latvia	14.0	(0.7)	50.4	(1.0)	26.6	(0.9)	6.7	(0.4)	2.3	(0.2)
	Liechtenstein	19.8	(2.5)	65.7	(2.8)	10.7	(1.5)	2.7	(0.9)	1.2	(0.6)
	Lithuania	15.7	(0.6)	52.3	(0.8)	23.9	(0.7)	6.2	(0.4)	1.9	(0.2)
	Macao-China	30.8	(0.7)	44.6	(0.8)	17.4	(0.7)	4.9	(0.4)	2.3	(0.3)
	Montenegro	13.4	(0.6)	43.8	(0.8)	25.4	(0.7)	10.9	(0.5)	6.5	(0.4)
	Qatar	16.3	(0.5)	40.1	(0.6)	30.8	(0.6)	9.4	(0.4)	3.5	(0.3)
	Romania	26.1	(1.1)	44.1	(0.9)	19.5	(0.8)	6.9	(0.5)	3.5	(0.4)
	Russian Federation	10.9	(1.0)	29.1	(0.7)	32.5	(1.1)	16.2	(0.6)	11.4	(0.5)
	Serbia	28.2	(0.9)	37.1	(0.7)	23.6	(0.8)	7.5	(0.5)	3.7	(0.3)
	Slovenia	18.2	(0.5)	53.8	(0.7)	21.9	(0.5)	4.7	(0.3)	1.5	(0.2)
	Chinese Taipei	32.8	(1.2)	44.7	(0.8)	17.6	(0.6)	3.7	(0.3)	1.1	(0.1)
	Thailand	9.5	(0.5)	56.6	(0.8)	25.3	(0.6)	6.1	(0.4)	2.5	(0.2)
	Tunisia	9.9	(0.6)	36.2	(0.8)	30.7	(0.7)	15.3	(0.6)	8.1	(0.4)
	Uruguay	26.5	(1.1)	51.0	(1.0)	17.1	(0.6)	4.2	(0.4)	1.2	(0.2)



[Part 1/2]

Table 2.1b Percentage of students, by time spent learning mathematics

		Regular school lessons										Out-of-school-time lessons									
		No time per week		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week		No time per week		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	1.9	(0.1)	6.9	(0.3)	36.8	(0.9)	44.1	(0.9)	10.3	(0.4)	60.6	(0.6)	25.8	(0.5)	10.4	(0.4)	2.5	(0.1)	0.8	(0.1)
	Austria	4.0	(0.4)	13.9	(0.9)	54.8	(1.2)	23.6	(1.1)	3.7	(0.5)	73.6	(0.9)	17.5	(0.8)	6.4	(0.4)	1.9	(0.2)	0.6	(0.1)
	Belgium	4.1	(0.4)	18.1	(0.6)	29.0	(0.8)	44.8	(0.9)	4.1	(0.5)	69.5	(0.7)	21.1	(0.6)	7.2	(0.3)	1.7	(0.2)	0.5	(0.1)
	Canada	3.7	(0.2)	11.5	(0.5)	17.9	(0.8)	41.5	(0.7)	25.4	(0.9)	52.8	(0.7)	29.9	(0.5)	12.6	(0.5)	3.4	(0.2)	1.3	(0.1)
	Czech Republic	1.1	(0.2)	8.9	(0.6)	36.0	(1.4)	47.5	(1.4)	6.5	(0.5)	57.4	(0.9)	30.0	(0.8)	9.8	(0.5)	2.0	(0.2)	0.9	(0.2)
	Denmark	0.7	(0.2)	3.4	(0.3)	29.8	(1.1)	56.2	(1.0)	9.9	(0.6)	30.5	(0.9)	41.8	(0.9)	22.7	(0.6)	4.3	(0.4)	0.7	(0.1)
	Finland	1.3	(0.2)	9.4	(0.6)	58.0	(1.6)	28.9	(1.5)	2.4	(0.4)	74.9	(0.7)	20.4	(0.6)	3.8	(0.3)	0.6	(0.1)	0.3	(0.1)
	France	1.8	(0.3)	9.1	(0.5)	37.4	(0.9)	49.6	(1.0)	2.1	(0.3)	46.2	(0.7)	37.5	(0.8)	13.6	(0.5)	2.1	(0.2)	0.5	(0.1)
	Germany	2.2	(0.4)	8.9	(0.5)	39.5	(1.0)	42.7	(1.1)	6.7	(0.6)	59.1	(1.0)	25.5	(0.8)	11.3	(0.6)	3.2	(0.3)	0.9	(0.2)
	Greece	4.5	(0.4)	14.1	(0.7)	44.4	(1.1)	30.6	(1.2)	6.4	(0.4)	26.3	(0.9)	23.3	(0.7)	31.0	(0.8)	14.3	(0.7)	5.1	(0.4)
	Hungary	2.8	(0.3)	19.3	(0.8)	44.6	(1.3)	28.9	(1.3)	4.5	(0.4)	33.8	(0.9)	42.3	(0.8)	17.7	(0.7)	4.8	(0.4)	1.3	(0.2)
	Iceland	0.6	(0.1)	4.2	(0.3)	21.5	(0.7)	55.1	(0.9)	18.6	(0.6)	60.8	(0.9)	26.3	(0.8)	10.2	(0.5)	1.9	(0.2)	0.7	(0.2)
	Ireland	1.6	(0.2)	11.9	(0.6)	46.8	(1.0)	32.4	(0.8)	7.3	(0.5)	60.8	(0.8)	26.8	(0.7)	9.6	(0.5)	2.0	(0.2)	0.9	(0.2)
	Italy	3.0	(0.2)	14.3	(0.6)	33.9	(0.9)	42.0	(0.9)	6.8	(0.4)	57.7	(0.5)	24.9	(0.5)	12.8	(0.4)	3.2	(0.2)	1.3	(0.1)
	Japan	0.2	(0.1)	8.1	(1.0)	35.5	(1.4)	42.3	(1.5)	14.0	(1.3)	62.5	(1.4)	24.2	(1.0)	10.5	(0.7)	1.9	(0.2)	0.9	(0.1)
	Korea	1.3	(0.2)	3.2	(0.4)	21.3	(0.9)	58.2	(1.2)	15.9	(1.1)	27.4	(0.9)	21.1	(0.8)	31.6	(0.9)	13.7	(0.6)	6.2	(0.5)
	Luxembourg	2.8	(0.3)	10.6	(0.4)	34.2	(0.8)	47.1	(0.8)	5.3	(0.3)	56.3	(0.8)	28.5	(0.7)	11.5	(0.5)	2.8	(0.2)	0.9	(0.1)
	Mexico	2.7	(0.2)	23.3	(0.7)	19.7	(0.6)	33.9	(0.7)	20.3	(0.6)	45.3	(0.9)	32.2	(0.7)	15.1	(0.4)	5.5	(0.4)	1.9	(0.2)
	Netherlands	7.8	(0.8)	15.8	(0.9)	56.7	(1.2)	18.3	(0.8)	1.4	(0.2)	57.1	(0.9)	32.2	(0.7)	8.6	(0.5)	1.8	(0.2)	0.2	(0.1)
	New Zealand	1.5	(0.2)	7.3	(0.5)	19.4	(0.8)	65.0	(1.0)	6.8	(0.4)	62.3	(0.9)	26.1	(0.7)	8.5	(0.4)	2.3	(0.2)	0.8	(0.1)
	Norway	2.1	(0.2)	10.8	(0.5)	56.3	(0.9)	28.0	(1.0)	2.8	(0.3)	36.4	(1.0)	46.8	(0.9)	13.8	(0.6)	2.1	(0.2)	0.8	(0.1)
	Poland	2.0	(0.2)	11.1	(0.5)	17.5	(0.6)	56.7	(0.8)	12.6	(0.7)	49.4	(1.3)	40.2	(1.2)	7.8	(0.4)	1.9	(0.2)	0.6	(0.1)
	Portugal	7.4	(0.5)	12.2	(0.8)	36.3	(1.1)	34.5	(0.9)	9.6	(0.5)	53.3	(1.1)	32.7	(1.1)	11.2	(0.5)	2.3	(0.2)	0.5	(0.1)
	Slovak Republic	1.9	(0.2)	18.6	(1.3)	45.6	(1.6)	31.9	(1.7)	2.0	(0.3)	45.5	(1.3)	40.9	(1.0)	10.8	(0.5)	2.3	(0.3)	0.5	(0.1)
	Spain	2.8	(0.2)	10.1	(0.5)	55.2	(1.0)	28.3	(1.0)	3.5	(0.3)	57.6	(0.7)	21.5	(0.5)	14.7	(0.4)	4.8	(0.3)	1.4	(0.1)
	Sweden	1.0	(0.2)	10.7	(0.6)	73.1	(0.8)	13.8	(0.8)	1.4	(0.2)	59.8	(0.9)	31.7	(0.8)	6.8	(0.4)	1.4	(0.2)	0.3	(0.1)
	Switzerland	1.9	(0.3)	11.7	(0.6)	36.1	(0.8)	43.0	(0.8)	7.3	(0.5)	59.1	(0.9)	29.4	(0.7)	9.0	(0.4)	1.9	(0.2)	0.6	(0.1)
	Turkey	9.3	(0.9)	10.4	(0.8)	25.6	(1.1)	44.3	(1.3)	10.5	(0.7)	29.6	(1.0)	26.4	(0.7)	25.2	(0.8)	13.1	(0.6)	5.8	(0.4)
	United Kingdom	1.1	(0.1)	6.6	(0.4)	49.8	(1.3)	37.8	(1.2)	4.6	(0.3)	60.3	(0.9)	30.1	(0.7)	7.8	(0.3)	1.5	(0.2)	0.3	(0.1)
	United States	4.7	(0.4)	22.8	(0.8)	19.5	(1.1)	37.8	(1.3)	15.3	(0.8)	45.0	(1.2)	33.2	(1.0)	15.5	(0.5)	4.5	(0.3)	1.8	(0.2)
	OECD average	2.8	(0.1)	11.6	(0.1)	37.7	(0.2)	39.6	(0.2)	8.3	(0.1)	52.4	(0.2)	29.7	(0.1)	12.9	(0.1)	3.7	(0.1)	1.3	(0.0)
Partners	Argentina	7.0	(0.5)	27.7	(1.2)	35.0	(1.0)	24.7	(1.3)	5.5	(0.7)	60.8	(1.3)	25.5	(1.0)	9.6	(0.6)	2.7	(0.3)	1.4	(0.2)
	Azerbaijan	7.8	(0.5)	19.1	(0.8)	25.2	(1.0)	25.5	(1.2)	22.4	(1.1)	37.8	(1.1)	28.7	(1.0)	18.7	(0.8)	9.5	(0.8)	5.3	(0.4)
	Brazil	3.8	(0.3)	26.2	(0.7)	37.6	(0.8)	25.7	(0.8)	6.8	(0.4)	41.0	(0.9)	35.9	(0.8)	16.9	(0.6)	4.4	(0.3)	1.8	(0.2)
	Bulgaria	7.4	(0.6)	26.1	(1.1)	40.2	(1.3)	16.3	(1.0)	10.0	(0.8)	46.6	(1.1)	31.7	(0.6)	15.3	(0.6)	4.4	(0.4)	2.0	(0.3)
	Chile	7.7	(0.5)	24.2	(0.8)	23.8	(0.8)	28.2	(0.9)	16.0	(1.0)	45.9	(1.0)	36.7	(0.9)	13.3	(0.6)	3.3	(0.3)	0.9	(0.1)
	Colombia	3.1	(0.3)	10.7	(0.9)	25.0	(1.3)	46.2	(1.6)	14.9	(1.2)	41.7	(1.0)	34.5	(0.9)	16.9	(0.7)	5.5	(0.5)	1.4	(0.2)
	Croatia	3.9	(0.3)	17.5	(0.8)	54.3	(0.9)	22.7	(1.0)	1.5	(0.2)	60.5	(0.8)	24.9	(0.6)	11.3	(0.5)	2.6	(0.3)	0.7	(0.1)
	Estonia	2.3	(0.3)	11.2	(0.6)	21.8	(0.8)	55.3	(1.0)	9.5	(0.5)	46.9	(0.9)	35.4	(0.8)	13.2	(0.6)	3.7	(0.3)	0.8	(0.1)
	Hong Kong-China	1.4	(0.2)	6.3	(0.4)	13.9	(0.8)	36.8	(0.9)	41.6	(1.0)	38.0	(1.1)	34.5	(0.9)	18.8	(0.7)	6.3	(0.4)	2.4	(0.3)
	Indonesia	1.3	(0.2)	13.1	(1.1)	33.6	(1.0)	34.5	(1.3)	17.5	(1.1)	32.5	(1.3)	41.2	(0.9)	19.7	(1.1)	5.4	(0.4)	1.3	(0.2)
	Israel	5.0	(0.5)	11.7	(0.6)	24.6	(1.0)	41.8	(1.1)	16.8	(0.8)	23.4	(0.9)	31.4	(0.9)	27.5	(0.8)	11.5	(0.6)	6.3	(0.4)
	Jordan	8.6	(0.5)	24.8	(0.9)	23.3	(0.9)	25.2	(0.9)	18.2	(0.7)	32.1	(1.1)	28.7	(0.8)	25.2	(0.7)	10.2	(0.5)	3.9	(0.3)
	Kyrgyzstan	14.3	(0.7)	29.9	(0.8)	23.6	(0.7)	18.8	(0.7)	13.4	(0.8)	31.3	(1.1)	39.9	(0.9)	18.0	(0.6)	6.9	(0.5)	3.9	(0.3)
	Latvia	0.8	(0.1)	7.3	(0.6)	25.7	(0.8)	49.2	(0.9)	16.9	(0.8)	37.5	(1.3)	39.9	(1.2)	17.8	(0.9)	3.6	(0.3)	1.2	(0.2)
	Liechtenstein	0.6	(0.4)	13.6	(1.7)	31.0	(2.2)	46.3	(2.3)	8.6	(1.3)	63.3	(2.2)	27.5	(2.2)	7.8	(1.4)	1.5	(0.7)	0.0	c
	Lithuania	2.9	(0.3)	20.2	(1.0)	34.6	(0.9)	35.1	(0.9)	7.2	(0.4)	53.3	(1.0)	35.9	(1.0)	8.3	(0.5)	2.0	(0.2)	0.4	(0.1)
	Macao-China	1.1	(0.1)	5.7	(0.4)	10.8	(0.5)	37.1	(0.8)	45.3	(0.9)	47.9	(0.8)	30.6	(0.8)	12.5	(0.6)	5.3	(0.4)	3.6	(0.3)
	Montenegro	7.2	(0.5)	28.3	(0.7)	32.5	(0.8)	20.7	(0.7)	11.4	(0.5)	58.3	(0.8)	24.5	(0.8)	11.1	(0.5)	4.0	(0.3)	2.1	(0.2)
	Qatar	7.8	(0.3)	30.4	(0.6)	26.5	(0.6)	22.8	(0.6)	12.5	(0.5)	29.1	(0.6)	32.6	(0.6)	24.5	(0.5)	9.2	(0.4)	4.7	(0.3)
	Romania	5.2	(0.5)	26.8	(1.2)	39.5	(2.2)	21.9	(1.6)	6.5	(0.8)	33.6	(0.9)	36.7	(0.8)	20.3	(1.0)	6.7	(0.8)	2.7	(0.3)
	Russian Federation	2.7	(0.4)	16.3	(1.0)	38.1	(1.2)	33.7	(1.1)	9.2	(0.6)	33.7	(1.4)	48.1	(1.2)	14.3	(0.7)	2.7	(0.3)	1.2	(0.2)
	Serbia	3.6	(0.4)	16.3	(0.7)	49.7	(1.0)	25.5	(1.0)	4.9	(0.4)	51.9	(0.8)	30.5	(0.7)	12.2	(0.5)	3.8	(0.3)	1.6	(0.2)
	Slovenia	3.5	(0.3)	18.7	(0.6)	41.5	(0.8)	32.4	(0.7)	4.0	(0.3)	45.7	(0.7)	35.8	(0.8)	14.0	(0.5)	3.3	(0.3)	1.1	(0.2)
	Chinese Taipei	3.1	(0.3)	14.2	(0.7)	23.5	(0.9)	36.8	(0.9)	22.4	(0.9)	44.4	(0.9)	17.8	(0.6)	29.1	(0.9)	6.8	(0.4)	2.0	(0.2)
	Thailand	a	a	5.4	(0.3)	58.8	(1.1)	27.4	(1.0)	8.4	(0.7)	56.2	(1.1)	24.9	(0.8)	14.5	(0.6)	3.5	(0.3)	0.9	(0.2)
	Tunisia	9.2	(0.5)	20.1	(0.8)	26.3	(0.7)	35.4	(0.9)	9.0	(0.5)	19.8	(0.8)	29.9	(0.7)	28.0	(0.9)	13.9	(0.5)	8.4	(0.4)
	Uruguay	4.2	(0.3)	19.5	(0.7)	41.3	(1.0)	28.5	(0.9)	6.5	(0.5)	57.6	(0.8)	26.9	(0.6)	11.3	(0.5)	3.2	(0.3)	1.0	(0.2)

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[Part 2/2]

Table 2.1b Percentage of students, by time spent learning mathematics

		Individual study									
		No time per week		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	13.2	(0.4)	51.7	(0.6)	26.0	(0.6)	6.9	(0.3)	2.1	(0.2)
	Austria	9.7	(0.5)	46.7	(0.8)	30.0	(0.7)	9.6	(0.5)	4.0	(0.3)
	Belgium	13.8	(0.6)	49.8	(0.8)	28.2	(0.7)	6.3	(0.3)	1.8	(0.2)
	Canada	15.9	(0.5)	44.3	(0.7)	26.7	(0.5)	9.4	(0.3)	3.7	(0.3)
	Czech Republic	22.8	(1.1)	57.0	(1.1)	14.9	(0.6)	3.5	(0.3)	1.8	(0.3)
	Denmark	9.6	(0.5)	55.6	(0.9)	28.8	(0.7)	4.7	(0.4)	1.2	(0.2)
	Finland	15.3	(0.6)	68.9	(0.8)	13.9	(0.7)	1.6	(0.2)	0.2	(0.1)
	France	12.3	(0.8)	53.6	(0.8)	26.6	(0.7)	5.9	(0.4)	1.5	(0.2)
	Germany	6.3	(0.5)	44.8	(1.0)	34.5	(0.8)	10.7	(0.6)	3.6	(0.3)
	Greece	19.4	(0.6)	39.0	(0.8)	27.5	(0.8)	9.9	(0.4)	4.2	(0.3)
	Hungary	11.1	(0.6)	53.2	(0.9)	26.2	(0.8)	7.4	(0.5)	2.2	(0.2)
	Iceland	13.1	(0.6)	53.9	(0.8)	25.4	(0.8)	5.9	(0.3)	1.7	(0.2)
	Ireland	13.8	(0.7)	51.8	(0.7)	25.7	(0.8)	6.6	(0.4)	2.1	(0.2)
	Italy	7.4	(0.3)	39.1	(0.8)	34.3	(0.7)	14.1	(0.5)	5.1	(0.3)
	Japan	25.4	(1.2)	48.2	(1.2)	18.8	(0.9)	4.9	(0.4)	2.7	(0.4)
	Korea	16.5	(1.0)	37.3	(0.9)	27.5	(0.8)	10.0	(0.5)	8.8	(0.9)
	Luxembourg	12.7	(0.6)	55.3	(0.7)	24.1	(0.6)	5.9	(0.3)	2.0	(0.2)
	Mexico	5.9	(0.4)	50.3	(0.8)	27.3	(0.6)	10.7	(0.5)	5.7	(0.4)
	Netherlands	16.7	(0.8)	56.8	(0.8)	22.0	(0.9)	3.7	(0.3)	0.9	(0.2)
	New Zealand	15.8	(0.7)	55.5	(0.9)	21.8	(0.7)	5.1	(0.4)	1.7	(0.2)
	Norway	20.0	(0.9)	55.9	(0.9)	19.4	(0.8)	3.7	(0.3)	1.0	(0.2)
	Poland	9.4	(0.5)	48.1	(0.8)	29.2	(0.7)	10.1	(0.5)	3.3	(0.3)
	Portugal	13.3	(0.7)	46.6	(0.9)	28.2	(0.8)	8.8	(0.5)	3.0	(0.3)
	Slovak Republic	17.9	(0.8)	48.4	(0.9)	25.7	(0.8)	6.6	(0.4)	1.4	(0.2)
	Spain	12.8	(0.5)	46.7	(0.8)	29.0	(0.6)	9.0	(0.4)	2.5	(0.2)
	Sweden	20.2	(1.1)	64.7	(1.0)	11.9	(0.6)	2.5	(0.3)	0.7	(0.1)
	Switzerland	8.4	(0.4)	60.1	(0.8)	25.8	(0.6)	4.5	(0.2)	1.3	(0.2)
	Turkey	16.1	(1.1)	35.7	(1.0)	28.9	(0.8)	13.5	(0.6)	5.8	(0.4)
	United Kingdom	10.7	(0.5)	64.1	(0.7)	21.1	(0.6)	3.3	(0.2)	0.6	(0.1)
	United States	13.7	(0.6)	44.8	(0.8)	27.6	(0.8)	10.0	(0.4)	3.9	(0.3)
	OECD average	14.0	(0.1)	50.9	(0.2)	25.2	(0.1)	7.2	(0.1)	2.7	(0.1)
Partners	Argentina	15.1	(0.7)	51.2	(1.2)	22.3	(1.0)	7.5	(0.5)	3.8	(0.4)
	Azerbaijan	12.8	(0.8)	30.6	(0.8)	25.5	(0.9)	14.9	(0.8)	16.1	(0.8)
	Brazil	14.4	(0.7)	52.2	(0.8)	22.9	(0.7)	7.2	(0.4)	3.3	(0.3)
	Bulgaria	17.9	(1.1)	41.1	(0.9)	24.7	(0.9)	10.7	(0.6)	5.7	(0.6)
	Chile	17.5	(0.7)	53.3	(0.7)	21.9	(0.8)	5.0	(0.4)	2.3	(0.2)
	Colombia	13.5	(0.8)	49.5	(1.2)	24.2	(0.7)	9.6	(0.6)	3.3	(0.3)
	Croatia	18.0	(0.6)	45.2	(0.8)	26.9	(0.6)	7.5	(0.4)	2.4	(0.3)
	Estonia	14.9	(0.6)	45.3	(0.8)	27.3	(0.8)	9.4	(0.5)	3.1	(0.3)
	Hong Kong-China	12.0	(1.0)	42.4	(1.1)	28.8	(0.8)	11.3	(0.6)	5.5	(0.4)
	Indonesia	5.2	(0.4)	56.2	(0.8)	27.6	(0.6)	8.1	(0.5)	2.8	(0.2)
	Israel	17.7	(0.8)	34.2	(0.9)	27.6	(1.0)	13.7	(0.6)	6.8	(0.5)
	Jordan	10.1	(0.6)	35.0	(0.8)	29.8	(0.7)	15.5	(0.5)	9.6	(0.5)
	Kyrgyzstan	19.6	(0.7)	38.9	(0.7)	21.1	(0.8)	11.4	(0.6)	8.8	(0.4)
	Latvia	5.8	(0.6)	41.9	(1.0)	34.0	(1.0)	13.7	(0.7)	4.5	(0.3)
	Liechtenstein	9.1	(1.8)	65.7	(2.5)	21.7	(2.4)	3.3	(0.8)	0.3	(0.3)
	Lithuania	15.4	(0.6)	49.7	(0.7)	25.4	(0.7)	7.0	(0.4)	2.5	(0.2)
	Macao-China	14.7	(0.7)	44.6	(0.8)	25.7	(0.7)	9.9	(0.5)	5.1	(0.3)
	Montenegro	13.3	(0.6)	49.6	(0.8)	22.4	(0.7)	8.3	(0.5)	6.4	(0.4)
	Qatar	14.5	(0.5)	39.3	(0.7)	28.7	(0.6)	12.8	(0.4)	4.7	(0.2)
	Romania	13.3	(0.7)	45.4	(0.8)	24.1	(0.9)	11.1	(0.9)	6.1	(0.5)
	Russian Federation	8.1	(0.8)	46.3	(1.0)	30.5	(0.9)	10.3	(0.5)	4.7	(0.4)
	Serbia	19.1	(0.8)	44.8	(0.8)	25.2	(0.7)	7.3	(0.4)	3.5	(0.3)
	Slovenia	10.9	(0.5)	51.0	(0.7)	27.2	(0.7)	8.2	(0.4)	2.7	(0.2)
	Chinese Taipei	18.8	(1.0)	42.1	(0.7)	28.1	(0.7)	7.6	(0.3)	3.3	(0.2)
	Thailand	9.0	(0.5)	57.3	(0.7)	24.9	(0.8)	6.5	(0.4)	2.4	(0.2)
	Tunisia	12.6	(0.8)	36.5	(0.9)	26.8	(0.9)	14.4	(0.5)	9.7	(0.5)
	Uruguay	16.4	(0.7)	57.0	(0.9)	18.9	(0.7)	5.3	(0.4)	2.5	(0.3)



[Part 1/2]

Table 2.1c Percentage of students, by time spent learning the language of instruction

		Regular school lessons										Out-of-school-time lessons									
		No time per week		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week		No time per week		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	1.2	(0.1)	7.5	(0.3)	38.1	(0.8)	44.1	(0.8)	9.1	(0.3)	65.7	(0.6)	22.4	(0.5)	8.7	(0.3)	2.6	(0.2)	0.6	(0.1)
	Austria	4.5	(0.4)	17.5	(0.8)	62.0	(1.2)	14.3	(0.8)	1.7	(0.3)	87.3	(0.8)	8.6	(0.6)	2.8	(0.4)	1.0	(0.1)	0.2	(0.1)
	Belgium	4.2	(0.3)	17.6	(0.5)	32.2	(0.9)	43.9	(0.9)	2.1	(0.2)	75.0	(0.5)	17.3	(0.5)	5.7	(0.3)	1.6	(0.2)	0.5	(0.1)
	Canada	5.0	(0.2)	11.6	(0.5)	18.1	(0.8)	40.0	(0.6)	25.3	(0.8)	58.7	(0.7)	25.7	(0.6)	10.2	(0.4)	3.9	(0.2)	1.6	(0.2)
	Czech Republic	1.3	(0.2)	8.5	(0.5)	47.0	(1.2)	39.8	(1.2)	3.3	(0.3)	62.5	(0.8)	27.8	(0.8)	8.0	(0.4)	1.1	(0.2)	0.6	(0.1)
	Denmark	0.2	(0.1)	2.7	(0.3)	11.6	(0.7)	42.9	(0.9)	42.6	(1.1)	28.5	(0.9)	34.9	(0.8)	26.8	(0.8)	7.8	(0.4)	2.0	(0.3)
	Finland	1.6	(0.2)	13.0	(0.9)	64.9	(1.8)	18.8	(1.6)	1.7	(0.4)	75.5	(0.7)	19.7	(0.6)	3.9	(0.3)	0.4	(0.1)	0.4	(0.1)
	France	2.0	(0.3)	7.9	(0.5)	31.5	(0.7)	55.6	(0.9)	3.0	(0.3)	54.4	(0.9)	32.6	(0.8)	10.7	(0.5)	1.8	(0.2)	0.4	(0.1)
	Germany	2.7	(0.3)	11.2	(0.6)	42.9	(1.0)	38.6	(0.9)	4.7	(0.5)	69.5	(0.9)	19.2	(0.7)	8.1	(0.5)	2.5	(0.3)	0.7	(0.2)
	Greece	6.4	(0.4)	19.8	(0.8)	45.6	(0.8)	18.4	(0.7)	9.9	(0.5)	33.7	(0.8)	31.1	(0.7)	24.8	(0.7)	7.6	(0.5)	2.8	(0.3)
	Hungary	3.0	(0.3)	21.2	(0.8)	44.7	(1.1)	27.5	(1.1)	3.7	(0.3)	36.2	(0.9)	38.6	(0.8)	18.2	(0.6)	5.7	(0.3)	1.3	(0.2)
	Iceland	0.7	(0.1)	5.0	(0.3)	26.8	(0.6)	52.6	(0.8)	14.8	(0.6)	72.7	(0.8)	20.2	(0.7)	5.2	(0.4)	1.4	(0.2)	0.5	(0.1)
	Ireland	2.0	(0.2)	13.1	(0.6)	48.5	(1.1)	29.4	(0.8)	7.1	(0.4)	69.4	(0.9)	19.3	(0.7)	7.3	(0.4)	2.8	(0.3)	1.1	(0.2)
	Italy	1.8	(0.2)	10.9	(0.4)	20.2	(0.6)	39.7	(0.6)	27.4	(0.7)	68.2	(0.6)	15.9	(0.4)	9.8	(0.3)	4.4	(0.2)	1.7	(0.2)
	Japan	0.3	(0.1)	7.2	(0.7)	49.3	(1.1)	37.7	(1.1)	5.4	(0.7)	73.6	(1.1)	19.6	(0.9)	5.5	(0.4)	1.1	(0.2)	0.2	(0.1)
	Korea	0.9	(0.2)	3.8	(0.4)	27.4	(1.1)	56.6	(1.2)	11.2	(0.7)	38.5	(1.3)	28.1	(0.8)	26.5	(1.1)	5.7	(0.4)	1.2	(0.2)
	Luxembourg	5.3	(0.3)	11.0	(0.5)	43.3	(0.7)	36.7	(0.8)	3.8	(0.3)	68.5	(0.7)	21.5	(0.7)	7.0	(0.4)	2.1	(0.2)	1.0	(0.1)
	Mexico	3.6	(0.3)	24.5	(0.6)	23.2	(0.6)	30.8	(0.7)	17.8	(0.6)	47.5	(0.9)	31.1	(0.6)	15.2	(0.6)	4.7	(0.4)	1.4	(0.2)
	Netherlands	2.4	(0.2)	17.4	(0.8)	64.3	(0.9)	14.8	(0.7)	1.1	(0.2)	59.9	(1.0)	30.2	(0.8)	8.1	(0.5)	1.3	(0.2)	0.4	(0.1)
	New Zealand	1.6	(0.2)	6.9	(0.5)	19.4	(0.8)	65.3	(0.9)	6.8	(0.4)	66.0	(0.9)	22.6	(0.7)	8.0	(0.4)	2.4	(0.3)	1.0	(0.2)
	Norway	2.1	(0.3)	10.8	(0.6)	48.5	(1.1)	33.5	(1.1)	5.1	(0.4)	35.7	(0.9)	44.3	(0.8)	15.7	(0.6)	2.8	(0.2)	1.5	(0.2)
	Poland	1.6	(0.2)	9.3	(0.5)	13.6	(0.5)	57.3	(0.9)	18.2	(0.8)	56.1	(1.4)	33.8	(1.2)	7.4	(0.5)	2.0	(0.2)	0.6	(0.1)
	Portugal	1.9	(0.3)	14.7	(0.7)	57.4	(0.9)	21.2	(0.7)	4.8	(0.3)	65.8	(1.1)	25.1	(1.0)	7.3	(0.5)	1.6	(0.2)	0.2	(0.1)
	Slovak Republic	1.1	(0.2)	21.4	(1.5)	49.8	(1.4)	26.4	(1.4)	1.3	(0.2)	46.2	(1.2)	39.6	(0.9)	11.4	(0.6)	2.5	(0.2)	0.3	(0.1)
	Spain	2.5	(0.3)	10.9	(0.5)	45.1	(0.7)	38.2	(0.9)	3.3	(0.2)	73.2	(0.8)	15.5	(0.6)	7.7	(0.3)	2.7	(0.2)	0.9	(0.1)
	Sweden	0.7	(0.2)	11.8	(0.8)	70.8	(1.0)	14.6	(0.8)	2.1	(0.3)	59.6	(0.9)	30.3	(0.9)	7.4	(0.5)	1.8	(0.2)	1.0	(0.2)
	Switzerland	2.8	(0.4)	12.6	(0.6)	40.6	(0.8)	38.5	(0.9)	5.4	(0.3)	72.0	(0.9)	20.2	(0.7)	5.6	(0.3)	1.6	(0.2)	0.5	(0.1)
	Turkey	2.2	(0.3)	11.6	(0.8)	32.6	(1.0)	42.8	(1.3)	10.8	(0.7)	28.5	(1.0)	33.8	(0.9)	24.1	(0.8)	9.9	(0.7)	3.6	(0.4)
	United Kingdom	1.1	(0.1)	6.4	(0.4)	45.2	(1.4)	42.2	(1.3)	5.2	(0.4)	65.2	(0.8)	25.1	(0.6)	7.5	(0.4)	1.9	(0.2)	0.3	(0.1)
	United States	5.3	(0.4)	25.2	(1.0)	18.8	(1.2)	36.5	(1.3)	14.3	(0.8)	46.8	(1.1)	31.8	(0.7)	15.3	(0.5)	4.4	(0.3)	1.7	(0.2)
	OECD average	2.4	(0.0)	12.4	(0.1)	39.4	(0.2)	36.6	(0.2)	9.1	(0.1)	58.7	(0.2)	26.2	(0.1)	11.0	(0.1)	3.1	(0.0)	1.0	(0.0)
Partners	Argentina	7.3	(0.6)	37.6	(1.3)	40.1	(1.3)	11.9	(0.7)	3.1	(0.7)	75.7	(1.2)	16.9	(0.9)	5.9	(0.5)	1.3	(0.2)	0.2	(0.1)
	Azerbaijan	5.8	(0.4)	18.4	(0.7)	31.0	(1.0)	28.0	(1.3)	16.8	(0.9)	35.2	(1.2)	28.8	(1.1)	20.2	(0.7)	10.0	(0.6)	5.8	(0.4)
	Brazil	3.7	(0.3)	28.4	(1.0)	36.4	(0.9)	23.9	(0.8)	7.6	(0.5)	41.3	(0.8)	36.2	(0.8)	16.6	(0.6)	4.7	(0.3)	1.3	(0.2)
	Bulgaria	5.7	(0.5)	26.7	(1.1)	43.8	(1.1)	16.4	(0.8)	7.3	(0.4)	49.4	(1.1)	29.4	(0.9)	14.6	(0.6)	4.9	(0.4)	1.6	(0.2)
	Chile	6.3	(0.4)	25.6	(0.9)	25.2	(0.8)	28.2	(0.9)	14.6	(1.0)	47.7	(1.2)	34.2	(0.8)	13.5	(0.7)	3.7	(0.3)	0.9	(0.1)
	Colombia	2.7	(0.4)	11.9	(0.8)	30.6	(1.5)	47.6	(2.0)	7.2	(0.6)	42.8	(1.0)	35.1	(1.2)	16.2	(0.7)	5.0	(0.3)	0.9	(0.2)
	Croatia	3.4	(0.2)	11.2	(0.6)	54.6	(1.1)	28.7	(1.0)	2.0	(0.3)	79.7	(0.7)	12.8	(0.5)	6.0	(0.4)	1.1	(0.2)	0.4	(0.1)
	Estonia	2.5	(0.3)	14.0	(0.8)	45.6	(1.0)	33.9	(1.0)	4.0	(0.3)	50.5	(1.1)	33.6	(0.8)	12.5	(0.6)	3.1	(0.3)	0.3	(0.1)
	Hong Kong-China	1.4	(0.2)	6.5	(0.4)	13.9	(0.8)	38.2	(0.9)	40.0	(1.1)	57.4	(1.2)	28.8	(1.0)	9.7	(0.5)	3.0	(0.3)	1.1	(0.2)
	Indonesia	0.9	(0.2)	17.5	(1.3)	42.2	(1.8)	27.8	(1.0)	11.5	(0.8)	32.8	(1.9)	44.4	(1.2)	17.7	(0.9)	3.9	(0.3)	1.2	(0.1)
	Israel	12.8	(0.7)	20.9	(0.7)	33.3	(0.9)	24.6	(0.9)	8.4	(0.5)	42.6	(1.0)	30.6	(0.9)	18.0	(0.7)	6.4	(0.5)	2.4	(0.2)
	Jordan	8.3	(0.7)	25.1	(0.8)	21.3	(0.7)	24.9	(1.1)	20.4	(0.7)	31.1	(1.0)	31.0	(0.7)	24.4	(0.7)	10.6	(0.5)	2.9	(0.3)
	Kyrgyzstan	13.6	(0.7)	30.5	(0.9)	28.4	(0.7)	16.8	(0.8)	10.7	(0.7)	28.1	(0.9)	39.3	(0.7)	21.0	(0.7)	6.7	(0.4)	4.9	(0.3)
	Latvia	1.0	(0.1)	11.6	(0.7)	44.7	(0.9)	37.7	(0.9)	5.0	(0.5)	50.0	(1.3)	35.0	(0.9)	11.7	(0.8)	2.8	(0.3)	0.5	(0.1)
	Liechtenstein	3.4	(1.0)	13.2	(1.6)	35.9	(2.3)	43.7	(2.3)	3.9	(1.0)	77.8	(2.3)	17.8	(2.0)	3.9	(1.0)	0.6	(0.4)	0.0	c
	Lithuania	2.1	(0.3)	20.0	(0.7)	30.7	(1.0)	38.4	(0.9)	8.8	(0.5)	61.7	(1.1)	28.0	(1.1)	7.7	(0.4)	1.9	(0.2)	0.7	(0.1)
	Macao-China	0.8	(0.2)	6.2	(0.4)	13.2	(0.5)	36.4	(0.9)	43.4	(0.9)	51.6	(0.8)	30.2	(0.7)	10.6	(0.6)	4.8	(0.4)	2.8	(0.3)
	Montenegro	12.8	(0.5)	25.0	(0.8)	32.0	(0.8)	19.7	(0.6)	10.5	(0.5)	65.9	(0.8)	20.4	(0.7)	9.1	(0.5)	2.7	(0.3)	1.9	(0.2)
	Qatar	8.0	(0.3)	33.8	(0.6)	28.4	(0.6)	19.0	(0.5)	10.8	(0.4)	32.2	(0.6)	35.8	(0.6)	21.1	(0.6)	8.2	(0.4)	2.6	(0.2)
	Romania	4.0	(0.5)	19.5	(1.2)	41.7	(1.6)	29.0	(1.1)	5.8	(0.7)	31.8	(1.1)	37.4	(1.1)	22.1	(0.9)	6.6	(0.5)	2.1	(0.4)
	Russian Federation	3.5	(0.5)	53.4	(1.5)	34.0	(1.2)	7.2	(0.4)	1.8	(0.2)	46.6	(1.4)	42.0	(1.4)	9.1	(0.5)	1.7	(0.2)	0.6	(0.1)
	Serbia	3.9	(0.4)	16.5	(0.7)	52.9	(1.0)	22.2	(0.8)	4.4	(0.3)	55.0	(0.9)	27.5	(0.7)	12.6	(0.5)	3.2	(0.2)	1.7	(0.2)
	Slovenia	4.2	(0.3)	21.8	(0.7)	35.8	(0.8)	35.9	(0.7)	2.3	(0.2)	55.8	(0.8)	32.0	(0.8)	10.2	(0.5)	1.8	(0.2)	0.2	(0.1)
	Chinese Taipei	1.6	(0.2)	12.0	(0.6)	25.3	(0.8)	39.7	(0.8)	21.6	(0.9)	66.7	(0.8)	19.3	(0.6)	10.9	(0.4)	2.5	(0.2)	0.7	(0.1)
	Thailand	a	a	13.4	(0.6)	69.7	(0.9)	15.4	(0.8)	1.5	(0.2)	69.5	(0.9)	20.4	(0.7)	7.8	(0.5)	2.0	(0.3)	0.4	(0.1)
	Tunisia	11.8	(0.8)	22.1	(0.6)	26.6	(0.8)	32.5	(1.1)	7.0	(0.5)	25.5	(1.0)	39.0	(0.9)	22.9	(0.8)	8.8	(0.5)	3.8	(0.4)
	Uruguay	8.6	(0.5)	24.2	(0.8)	46.3	(1.0)	17.6	(0.9)	3.3	(0.3)	65.1	(0.9)	23.9	(0.9)	8.2	(0.5)	1.9	(0.3)	0.9	(0.2)

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[Part 2/2]

Table 2.1c Percentage of students, by time spent learning the language of instruction

		Individual study									
		No time per week		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	13.1	(0.5)	54.8	(0.6)	24.1	(0.5)	6.2	(0.2)	1.9	(0.2)
	Austria	16.7	(0.9)	57.4	(0.9)	18.2	(0.8)	5.7	(0.4)	2.0	(0.3)
	Belgium	15.5	(0.6)	63.5	(0.6)	17.4	(0.5)	2.8	(0.2)	0.7	(0.1)
	Canada	19.8	(0.4)	47.2	(0.7)	22.1	(0.5)	7.8	(0.4)	3.1	(0.3)
	Czech Republic	24.8	(1.1)	58.9	(1.0)	13.3	(0.6)	2.1	(0.3)	0.9	(0.2)
	Denmark	5.5	(0.4)	47.4	(0.9)	35.6	(0.8)	9.3	(0.4)	2.3	(0.2)
	Finland	18.1	(0.8)	68.9	(0.7)	10.9	(0.6)	1.5	(0.2)	0.7	(0.1)
	France	15.8	(0.8)	56.7	(0.8)	22.1	(0.7)	4.6	(0.3)	0.8	(0.1)
	Germany	10.1	(0.4)	52.7	(0.8)	27.2	(0.8)	7.9	(0.5)	2.2	(0.3)
	Greece	18.2	(0.6)	42.0	(0.8)	27.1	(0.6)	9.2	(0.5)	3.5	(0.3)
	Hungary	10.5	(0.6)	53.1	(0.9)	26.9	(0.8)	7.2	(0.4)	2.3	(0.2)
	Iceland	13.3	(0.6)	59.0	(0.8)	22.5	(0.7)	4.4	(0.3)	0.8	(0.1)
	Ireland	15.0	(0.7)	52.2	(0.8)	23.3	(0.8)	6.9	(0.4)	2.7	(0.3)
	Italy	5.4	(0.3)	31.0	(0.7)	35.9	(0.7)	19.0	(0.5)	8.8	(0.5)
	Japan	36.7	(1.3)	50.5	(1.0)	10.4	(0.6)	1.8	(0.2)	0.5	(0.1)
	Korea	23.5	(0.9)	52.2	(0.8)	18.3	(0.6)	4.4	(0.3)	1.6	(0.2)
	Luxembourg	19.4	(0.6)	59.0	(0.6)	16.1	(0.5)	3.8	(0.3)	1.7	(0.2)
	Mexico	7.4	(0.4)	53.6	(0.8)	25.5	(0.6)	9.6	(0.5)	4.0	(0.3)
	Netherlands	14.0	(0.7)	66.6	(0.9)	16.3	(0.7)	2.2	(0.2)	0.9	(0.2)
	New Zealand	16.6	(0.7)	55.1	(0.8)	21.3	(0.7)	5.1	(0.4)	1.8	(0.2)
	Norway	19.1	(0.8)	55.6	(0.9)	20.0	(0.7)	4.0	(0.3)	1.3	(0.2)
	Poland	7.6	(0.4)	45.9	(0.9)	31.6	(0.8)	11.5	(0.4)	3.4	(0.2)
	Portugal	8.6	(0.4)	58.1	(0.8)	24.7	(0.8)	6.7	(0.4)	1.9	(0.2)
	Slovak Republic	16.1	(0.7)	48.5	(0.9)	27.1	(0.8)	6.8	(0.4)	1.4	(0.2)
	Spain	12.5	(0.6)	49.5	(0.8)	27.6	(0.6)	8.2	(0.4)	2.2	(0.2)
	Sweden	18.7	(1.4)	63.8	(1.6)	13.5	(0.5)	3.0	(0.3)	0.9	(0.2)
	Switzerland	10.9	(0.5)	68.0	(0.6)	17.5	(0.5)	2.9	(0.2)	0.8	(0.1)
	Turkey	11.5	(0.7)	44.5	(0.9)	28.0	(1.0)	11.4	(0.6)	4.6	(0.4)
	United Kingdom	11.4	(0.5)	59.9	(0.8)	23.3	(0.7)	4.3	(0.3)	1.0	(0.1)
	United States	16.0	(0.8)	47.3	(0.9)	25.2	(0.8)	8.4	(0.4)	3.1	(0.2)
	OECD average	15.1	(0.1)	54.1	(0.2)	22.4	(0.1)	6.3	(0.1)	2.1	(0.0)
Partners	Argentina	13.6	(0.7)	58.3	(1.2)	20.5	(0.9)	5.0	(0.6)	2.7	(0.4)
	Azerbaijan	8.9	(0.5)	30.4	(0.9)	28.2	(0.7)	15.9	(0.7)	16.6	(0.7)
	Brazil	15.1	(0.6)	53.2	(0.7)	22.0	(0.6)	6.5	(0.4)	3.2	(0.3)
	Bulgaria	16.9	(1.0)	41.5	(0.9)	26.5	(0.8)	10.7	(0.6)	4.4	(0.4)
	Chile	17.3	(0.6)	55.5	(0.7)	19.3	(0.7)	5.9	(0.4)	1.9	(0.2)
	Colombia	13.1	(0.7)	52.3	(0.9)	23.4	(0.6)	8.8	(0.6)	2.5	(0.3)
	Croatia	20.1	(0.7)	49.4	(0.7)	23.4	(0.8)	5.7	(0.4)	1.4	(0.2)
	Estonia	16.4	(0.8)	53.1	(1.0)	23.4	(0.8)	5.7	(0.3)	1.4	(0.2)
	Hong Kong-China	18.2	(1.0)	51.3	(0.8)	22.2	(0.6)	6.2	(0.5)	2.2	(0.2)
	Indonesia	3.8	(0.3)	64.6	(1.0)	23.3	(0.6)	6.1	(0.4)	2.2	(0.4)
	Israel	28.0	(0.9)	40.4	(0.8)	20.0	(0.7)	8.0	(0.5)	3.7	(0.3)
	Jordan	8.9	(0.6)	37.8	(0.8)	30.4	(0.9)	15.1	(0.6)	7.8	(0.5)
	Kyrgyzstan	18.0	(0.6)	36.8	(0.7)	23.9	(0.7)	12.0	(0.5)	9.3	(0.5)
	Latvia	6.1	(0.6)	52.3	(0.9)	31.4	(0.9)	8.3	(0.4)	1.8	(0.2)
	Liechtenstein	12.9	(2.0)	72.7	(2.4)	11.4	(1.6)	2.1	(0.8)	0.9	(0.5)
	Lithuania	14.3	(0.6)	49.9	(0.7)	26.0	(0.7)	7.3	(0.4)	2.5	(0.2)
	Macao-China	20.1	(0.7)	55.0	(0.9)	17.5	(0.6)	5.3	(0.4)	2.2	(0.2)
	Montenegro	15.9	(0.6)	46.8	(0.8)	23.3	(0.6)	8.0	(0.4)	6.0	(0.4)
	Qatar	16.0	(0.6)	43.5	(0.8)	25.8	(0.5)	10.0	(0.4)	4.7	(0.3)
	Romania	10.4	(0.7)	45.7	(0.9)	28.5	(0.8)	10.1	(0.6)	5.4	(0.4)
	Russian Federation	10.3	(0.9)	64.4	(1.2)	19.2	(0.8)	4.7	(0.4)	1.4	(0.2)
	Serbia	20.8	(0.7)	46.5	(0.8)	22.9	(0.7)	7.1	(0.4)	2.8	(0.3)
	Slovenia	14.8	(0.6)	60.0	(0.7)	20.0	(0.6)	4.5	(0.3)	0.8	(0.1)
	Chinese Taipei	14.3	(0.8)	50.3	(0.7)	27.3	(0.7)	5.8	(0.3)	2.2	(0.2)
	Thailand	7.8	(0.4)	62.5	(0.8)	22.0	(0.7)	5.8	(0.4)	1.9	(0.2)
	Tunisia	13.2	(0.6)	45.0	(1.0)	26.8	(0.7)	9.4	(0.6)	5.6	(0.4)
	Uruguay	21.9	(0.8)	56.1	(0.9)	16.9	(0.6)	3.7	(0.3)	1.4	(0.2)



Table 2.1d Percentage of students who spend no time in out-of-school-time lessons, among those who take regular lessons at school

		Science		Mathematics		Language of instruction	
		%	S.E.	%	S.E.	%	S.E.
OECD	Australia	73.7	(0.6)	60.2	(0.6)	65.5	(0.6)
	Austria	87.1	(0.7)	73.0	(0.9)	87.0	(0.8)
	Belgium	79.0	(0.6)	69.0	(0.7)	75.0	(0.5)
	Canada	64.0	(0.7)	51.6	(0.7)	57.3	(0.7)
	Czech Republic	65.5	(1.0)	57.0	(0.9)	62.4	(0.8)
	Denmark	45.3	(1.0)	30.2	(0.9)	28.4	(0.9)
	Finland	76.4	(0.7)	74.8	(0.7)	75.3	(0.7)
	France	61.0	(0.9)	45.8	(0.7)	54.5	(0.9)
	Germany	69.3	(0.9)	58.7	(1.0)	69.3	(0.9)
	Greece	24.8	(0.9)	24.8	(0.9)	32.8	(0.8)
	Hungary	41.3	(1.0)	32.9	(0.9)	35.4	(1.0)
	Iceland	81.4	(0.6)	60.8	(0.9)	72.9	(0.8)
	Ireland	76.4	(0.7)	60.5	(0.8)	69.3	(0.9)
	Italy	68.1	(0.6)	57.1	(0.5)	68.2	(0.6)
	Japan	81.8	(0.7)	62.5	(1.4)	73.6	(1.1)
	Korea	48.6	(1.4)	26.6	(0.9)	38.1	(1.3)
	Luxembourg	69.0	(0.7)	55.9	(0.8)	67.9	(0.7)
	Mexico	45.8	(0.9)	45.1	(0.9)	47.1	(0.9)
	Netherlands	58.4	(1.1)	54.6	(1.0)	59.8	(1.0)
	New Zealand	72.7	(0.9)	62.0	(1.0)	65.9	(1.0)
	Norway	38.7	(1.0)	35.3	(1.0)	34.9	(0.9)
	Poland	59.0	(1.1)	48.8	(1.3)	55.8	(1.4)
	Portugal	62.4	(0.9)	50.0	(1.2)	65.6	(1.1)
	Slovak Republic	58.1	(1.3)	44.9	(1.4)	45.9	(1.2)
	Spain	68.3	(0.8)	57.1	(0.7)	73.3	(0.8)
	Sweden	63.5	(0.9)	59.8	(0.9)	59.5	(0.9)
	Switzerland	73.7	(0.6)	58.6	(1.0)	71.6	(0.9)
	Turkey	35.4	(1.1)	25.2	(0.9)	28.2	(1.0)
	United Kingdom	67.0	(0.8)	60.3	(0.9)	65.2	(0.8)
	United States	53.7	(0.9)	43.4	(1.1)	45.2	(1.1)
	OECD average	62.3	(0.2)	51.6	(0.2)	58.4	(0.2)
Partners	Argentina	72.3	(0.9)	60.4	(1.3)	76.3	(1.2)
	Azerbaijan	39.0	(1.2)	36.3	(1.2)	34.2	(1.3)
	Brazil	53.6	(0.9)	40.8	(0.9)	41.2	(0.9)
	Bulgaria	47.6	(1.0)	45.4	(1.0)	48.3	(1.1)
	Chile	46.1	(0.9)	43.3	(1.0)	45.8	(1.3)
	Colombia	48.3	(1.3)	41.0	(1.0)	42.7	(1.1)
	Croatia	70.0	(1.0)	59.9	(0.8)	79.7	(0.7)
	Estonia	54.9	(0.9)	46.3	(1.0)	50.4	(1.2)
	Hong Kong-China	42.8	(1.1)	37.2	(1.1)	57.0	(1.2)
	Indonesia	41.1	(1.6)	32.4	(1.4)	32.9	(1.9)
	Israel	43.0	(1.0)	21.8	(0.8)	38.6	(1.0)
	Jordan	34.5	(1.2)	30.7	(1.1)	30.4	(1.1)
	Kyrgyzstan	31.2	(1.1)	28.6	(1.2)	26.2	(0.8)
	Latvia	60.2	(1.1)	37.4	(1.3)	50.1	(1.3)
	Liechtenstein	68.7	(2.8)	63.0	(2.1)	77.4	(2.3)
	Lithuania	64.7	(1.0)	52.8	(1.0)	61.8	(1.1)
	Macao-China	48.3	(0.9)	47.6	(0.9)	51.5	(0.8)
	Montenegro	46.4	(0.8)	57.1	(0.8)	63.6	(0.8)
	Qatar	30.4	(0.7)	27.5	(0.6)	30.7	(0.6)
	Romania	40.3	(1.2)	32.2	(1.1)	31.3	(1.1)
	Russian Federation	40.2	(1.3)	33.4	(1.3)	46.4	(1.4)
	Serbia	54.6	(0.9)	51.1	(0.9)	54.8	(0.9)
	Slovenia	53.0	(0.9)	44.5	(0.7)	54.9	(0.8)
	Chinese Taipei	60.9	(0.7)	43.0	(0.9)	66.5	(0.8)
	Thailand	59.6	(1.2)	56.2	(1.1)	69.5	(0.9)
	Tunisia	19.0	(0.7)	16.4	(0.7)	23.1	(1.0)
	Uruguay	62.7	(0.8)	56.9	(0.8)	63.9	(0.9)

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Table 2.2a Mean learning hours and allocation of total learning time in science

		Mean learning hours per week[1]								Allocation of total leaning time in science for					
		Regular school lessons		Out-of-school-time lessons		Individual study		Total learning hours		Regular school lessons		Out-of-school-time lessons		Individual study	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	3.24	(0.03)	0.36	(0.01)	1.17	(0.02)	4.77	(0.05)	70.9	(0.3)	6.2	(0.2)	22.8	(0.2)
	Austria	2.47	(0.07)	0.21	(0.01)	1.28	(0.03)	3.96	(0.09)	64.1	(0.6)	4.2	(0.2)	31.7	(0.5)
	Belgium	2.63	(0.04)	0.32	(0.01)	1.25	(0.02)	4.20	(0.07)	63.5	(0.4)	6.6	(0.2)	29.9	(0.3)
	Canada	4.00	(0.04)	0.55	(0.01)	1.55	(0.02)	6.13	(0.06)	66.3	(0.4)	8.5	(0.2)	25.2	(0.3)
	Czech Republic	2.93	(0.07)	0.54	(0.02)	1.00	(0.03)	4.47	(0.10)	68.7	(0.6)	9.9	(0.3)	21.4	(0.4)
	Denmark	3.21	(0.04)	0.77	(0.02)	1.09	(0.02)	5.06	(0.07)	66.7	(0.5)	13.0	(0.3)	20.3	(0.3)
	Finland	3.13	(0.04)	0.32	(0.01)	1.07	(0.02)	4.52	(0.06)	70.9	(0.4)	5.9	(0.2)	23.1	(0.3)
	France	2.85	(0.05)	0.55	(0.02)	1.31	(0.03)	4.72	(0.08)	62.9	(0.5)	10.8	(0.3)	26.3	(0.4)
	Germany	3.06	(0.05)	0.51	(0.02)	1.71	(0.03)	5.28	(0.07)	58.0	(0.5)	8.5	(0.3)	33.6	(0.3)
	Greece	3.18	(0.05)	1.99	(0.04)	1.85	(0.04)	7.02	(0.10)	48.3	(0.6)	26.2	(0.4)	25.4	(0.4)
	Hungary	2.51	(0.04)	1.00	(0.03)	1.60	(0.03)	5.10	(0.08)	51.5	(0.5)	17.8	(0.4)	30.6	(0.4)
	Iceland	2.97	(0.02)	0.29	(0.01)	1.16	(0.02)	4.42	(0.04)	70.1	(0.4)	5.1	(0.2)	24.8	(0.3)
	Ireland	2.54	(0.04)	0.32	(0.01)	1.20	(0.03)	4.05	(0.07)	66.2	(0.4)	6.1	(0.2)	27.6	(0.4)
	Italy	2.91	(0.05)	0.58	(0.01)	2.10	(0.04)	5.58	(0.10)	54.0	(0.3)	9.2	(0.2)	36.9	(0.2)
	Japan	2.70	(0.05)	0.26	(0.01)	0.69	(0.02)	3.65	(0.07)	78.4	(0.4)	5.2	(0.2)	16.4	(0.4)
	Korea	3.58	(0.06)	1.02	(0.04)	1.22	(0.06)	5.84	(0.14)	67.4	(0.6)	13.8	(0.4)	18.7	(0.4)
	Luxembourg	2.33	(0.03)	0.50	(0.02)	1.25	(0.02)	4.09	(0.05)	59.8	(0.4)	10.0	(0.3)	30.2	(0.4)
	Mexico	3.15	(0.04)	1.01	(0.03)	2.12	(0.03)	6.24	(0.07)	48.5	(0.4)	14.9	(0.3)	36.5	(0.4)
	Netherlands	2.17	(0.04)	0.54	(0.02)	1.21	(0.03)	3.90	(0.06)	56.4	(0.6)	12.6	(0.4)	31.0	(0.4)
	New Zealand	4.06	(0.04)	0.41	(0.02)	1.28	(0.02)	5.74	(0.06)	73.1	(0.4)	6.2	(0.2)	20.7	(0.3)
	Norway	2.64	(0.03)	0.93	(0.02)	1.23	(0.02)	4.80	(0.05)	59.6	(0.5)	16.9	(0.3)	23.5	(0.3)
	Poland	2.72	(0.04)	0.62	(0.02)	2.02	(0.03)	5.36	(0.07)	53.2	(0.4)	10.3	(0.3)	36.5	(0.4)
	Portugal	3.21	(0.04)	0.63	(0.02)	2.09	(0.04)	5.93	(0.08)	54.6	(0.5)	9.3	(0.3)	36.0	(0.4)
	Slovak Republic	2.46	(0.07)	0.65	(0.03)	1.39	(0.04)	4.51	(0.12)	58.7	(0.6)	11.7	(0.4)	29.6	(0.4)
	Spain	3.12	(0.04)	0.68	(0.02)	1.74	(0.03)	5.56	(0.07)	58.9	(0.3)	10.7	(0.3)	30.4	(0.3)
	Sweden	2.81	(0.03)	0.50	(0.01)	1.15	(0.02)	4.45	(0.04)	66.7	(0.6)	9.2	(0.2)	24.1	(0.5)
	Switzerland	2.36	(0.04)	0.39	(0.01)	1.12	(0.02)	3.87	(0.06)	62.1	(0.4)	8.3	(0.2)	29.6	(0.3)
	Turkey	2.86	(0.09)	1.35	(0.05)	1.64	(0.05)	5.81	(0.18)	51.2	(0.5)	20.9	(0.4)	27.8	(0.4)
	United Kingdom	4.25	(0.04)	0.48	(0.02)	1.45	(0.02)	6.18	(0.05)	70.7	(0.3)	6.8	(0.2)	22.5	(0.3)
	United States	3.51	(0.05)	0.78	(0.02)	1.68	(0.03)	6.01	(0.06)	58.5	(0.5)	12.5	(0.4)	28.9	(0.3)
	OECD average	2.99	(0.01)	0.64	(0.00)	1.42	(0.01)	5.04	(0.01)	62.0	(0.1)	10.6	(0.1)	27.4	(0.1)
Partners	Argentina	2.26	(0.06)	0.49	(0.02)	1.59	(0.04)	4.32	(0.09)	53.1	(0.8)	9.6	(0.4)	37.2	(0.6)
	Azerbaijan	2.84	(0.05)	1.36	(0.03)	2.64	(0.05)	6.83	(0.10)	43.1	(0.6)	19.3	(0.5)	37.6	(0.4)
	Brazil	2.21	(0.03)	0.79	(0.02)	1.70	(0.02)	4.70	(0.06)	50.3	(0.4)	14.1	(0.3)	35.6	(0.3)
	Bulgaria	2.63	(0.08)	0.98	(0.03)	2.00	(0.06)	5.65	(0.13)	48.8	(0.7)	16.3	(0.6)	34.9	(0.4)
	Chile	2.33	(0.05)	0.83	(0.02)	1.52	(0.03)	4.70	(0.07)	49.0	(0.6)	16.4	(0.4)	34.6	(0.4)
	Colombia	3.50	(0.11)	0.95	(0.03)	1.83	(0.04)	6.28	(0.17)	58.9	(0.6)	13.1	(0.3)	28.0	(0.4)
	Croatia	2.02	(0.04)	0.43	(0.02)	1.46	(0.04)	3.93	(0.09)	54.5	(0.5)	9.8	(0.4)	35.6	(0.5)
	Estonia	3.27	(0.04)	0.76	(0.02)	1.54	(0.03)	5.57	(0.06)	61.5	(0.5)	12.6	(0.4)	25.9	(0.3)
	Hong Kong-China	3.14	(0.05)	0.88	(0.03)	1.44	(0.03)	5.45	(0.10)	61.0	(0.5)	13.9	(0.4)	25.2	(0.4)
	Indonesia	3.23	(0.07)	1.04	(0.04)	1.78	(0.03)	6.04	(0.11)	54.6	(1.0)	15.6	(0.7)	29.8	(0.4)
	Israel	2.43	(0.05)	0.98	(0.03)	1.35	(0.04)	4.75	(0.10)	54.4	(0.7)	18.3	(0.4)	27.3	(0.5)
	Jordan	3.25	(0.06)	1.52	(0.03)	2.65	(0.04)	7.40	(0.09)	42.9	(0.6)	20.3	(0.4)	36.8	(0.4)
	Kyrgyzstan	2.09	(0.06)	1.36	(0.03)	2.14	(0.03)	5.63	(0.09)	35.4	(0.6)	25.8	(0.6)	38.7	(0.4)
	Latvia	2.86	(0.06)	0.65	(0.02)	1.80	(0.03)	5.30	(0.09)	56.1	(0.5)	10.4	(0.3)	33.5	(0.4)
	Liechtenstein	2.57	(0.08)	0.52	(0.06)	1.20	(0.06)	4.29	(0.10)	61.8	(1.4)	10.2	(1.0)	28.1	(1.3)
	Lithuania	2.69	(0.04)	0.57	(0.02)	1.69	(0.03)	4.94	(0.06)	57.1	(0.5)	10.1	(0.3)	32.8	(0.3)
	Macao-China	3.74	(0.03)	1.00	(0.03)	1.37	(0.03)	6.11	(0.06)	64.7	(0.4)	14.5	(0.3)	20.7	(0.3)
	Montenegro	2.83	(0.04)	1.05	(0.02)	2.20	(0.03)	6.08	(0.07)	46.8	(0.4)	16.1	(0.3)	37.1	(0.5)
	Qatar	2.66	(0.03)	1.48	(0.02)	2.04	(0.02)	6.21	(0.06)	40.7	(0.3)	24.8	(0.3)	34.5	(0.3)
	Romania	2.26	(0.07)	1.03	(0.02)	1.61	(0.05)	4.88	(0.11)	48.1	(0.6)	19.5	(0.5)	32.4	(0.5)
	Russian Federation	3.73	(0.08)	1.12	(0.03)	2.87	(0.06)	7.72	(0.13)	48.6	(0.5)	15.0	(0.5)	36.4	(0.5)
	Serbia	2.86	(0.06)	0.78	(0.02)	1.71	(0.04)	5.35	(0.10)	56.8	(0.5)	13.4	(0.4)	29.8	(0.4)
	Slovenia	2.82	(0.03)	0.72	(0.02)	1.53	(0.02)	5.08	(0.05)	55.7	(0.4)	13.2	(0.3)	31.1	(0.4)
	Chinese Taipei	2.89	(0.05)	0.78	(0.02)	1.24	(0.03)	4.94	(0.10)	63.7	(0.4)	12.3	(0.2)	24.1	(0.3)
	Thailand	3.81	(0.04)	0.91	(0.03)	1.80	(0.03)	6.52	(0.07)	63.9	(0.4)	9.9	(0.3)	26.2	(0.3)
	Tunisia	2.62	(0.05)	1.93	(0.03)	2.61	(0.04)	7.14	(0.10)	37.3	(0.4)	25.9	(0.4)	36.9	(0.4)
	Uruguay	2.40	(0.05)	0.61	(0.02)	1.32	(0.03)	4.35	(0.07)	56.2	(0.5)	12.0	(0.3)	31.8	(0.4)

1. "No time" in any given activity is recoded to 0 hours per week in that activity, "less than 2 hours per week" is recoded to 1 hour per week, "2 or more but less than 4 hours per week" is recoded to 3 hours per week, "4 or more but less than 6 hours per week" is recoded to 5 hours per week and "6 or more hours per week" is recoded to 7 hours per week.



Table 2.2b Mean learning hours and allocation of total learning time in mathematics

		Mean learning hours per week[1]								Allocation of total learning time in mathematics for					
		Regular school lessons		Out-of-school-time lessons		Individual study		Total learning hours		Regular school lessons		Out-of-school-time lessons		Individual study	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	4.10	(0.03)	0.75	(0.02)	1.79	(0.02)	6.65	(0.05)	65.8	(0.3)	9.3	(0.2)	25.0	(0.2)
	Austria	3.22	(0.05)	0.51	(0.02)	2.13	(0.04)	5.88	(0.08)	58.5	(0.5)	6.6	(0.3)	34.9	(0.4)
	Belgium	3.58	(0.04)	0.55	(0.01)	1.79	(0.03)	5.93	(0.06)	63.1	(0.3)	8.0	(0.2)	28.9	(0.3)
	Canada	4.50	(0.04)	0.94	(0.02)	1.97	(0.03)	7.45	(0.07)	63.3	(0.3)	11.4	(0.2)	25.2	(0.2)
	Czech Republic	4.00	(0.05)	0.76	(0.02)	1.32	(0.03)	6.06	(0.08)	70.3	(0.4)	9.8	(0.2)	19.8	(0.3)
	Denmark	4.44	(0.03)	1.36	(0.03)	1.74	(0.02)	7.52	(0.06)	62.3	(0.3)	16.0	(0.3)	21.6	(0.2)
	Finland	3.45	(0.04)	0.37	(0.02)	1.20	(0.02)	5.02	(0.06)	71.1	(0.3)	6.0	(0.2)	22.9	(0.2)
	France	3.84	(0.03)	0.93	(0.02)	1.74	(0.03)	6.50	(0.06)	62.6	(0.3)	12.6	(0.2)	24.8	(0.3)
	Germany	3.88	(0.04)	0.82	(0.03)	2.27	(0.03)	6.99	(0.07)	58.4	(0.3)	9.8	(0.3)	31.8	(0.3)
	Greece	3.45	(0.04)	2.23	(0.05)	2.01	(0.03)	7.71	(0.10)	49.4	(0.5)	26.0	(0.5)	24.7	(0.4)
	Hungary	3.29	(0.04)	1.29	(0.03)	1.84	(0.03)	6.42	(0.09)	54.3	(0.4)	17.7	(0.3)	28.0	(0.3)
	Iceland	4.74	(0.02)	0.72	(0.02)	1.71	(0.02)	7.18	(0.05)	69.4	(0.3)	8.5	(0.2)	22.1	(0.2)
	Ireland	3.66	(0.03)	0.72	(0.02)	1.76	(0.03)	6.14	(0.06)	63.6	(0.4)	9.5	(0.3)	26.9	(0.3)
	Italy	3.74	(0.03)	0.89	(0.02)	2.48	(0.03)	7.12	(0.07)	55.0	(0.2)	10.8	(0.2)	34.2	(0.2)
	Japan	4.24	(0.07)	0.71	(0.03)	1.48	(0.06)	6.43	(0.13)	71.7	(0.5)	8.7	(0.3)	19.6	(0.4)
	Korea	4.70	(0.04)	2.28	(0.04)	2.31	(0.06)	9.32	(0.13)	57.0	(0.5)	20.9	(0.3)	22.1	(0.4)
	Luxembourg	3.86	(0.03)	0.83	(0.02)	1.71	(0.02)	6.42	(0.05)	63.3	(0.3)	11.1	(0.2)	25.6	(0.3)
	Mexico	3.94	(0.03)	1.18	(0.03)	2.26	(0.03)	7.35	(0.07)	54.5	(0.4)	14.4	(0.3)	31.1	(0.3)
	Netherlands	2.87	(0.03)	0.69	(0.02)	1.47	(0.03)	5.02	(0.07)	60.0	(0.4)	12.0	(0.3)	27.9	(0.4)
	New Zealand	4.38	(0.03)	0.68	(0.02)	1.59	(0.03)	6.66	(0.05)	69.6	(0.4)	8.5	(0.3)	21.9	(0.3)
	Norway	3.39	(0.03)	1.05	(0.02)	1.40	(0.03)	5.84	(0.06)	62.2	(0.4)	15.9	(0.3)	21.9	(0.3)
	Poland	4.36	(0.04)	0.78	(0.02)	2.09	(0.03)	7.23	(0.06)	62.5	(0.3)	10.1	(0.3)	27.4	(0.3)
	Portugal	3.61	(0.04)	0.81	(0.02)	1.96	(0.03)	6.38	(0.07)	58.9	(0.4)	11.6	(0.3)	29.6	(0.3)
	Slovak Republic	3.29	(0.05)	0.88	(0.03)	1.69	(0.03)	5.87	(0.10)	60.6	(0.5)	12.6	(0.3)	26.8	(0.3)
	Spain	3.42	(0.03)	0.99	(0.02)	1.96	(0.03)	6.41	(0.06)	57.7	(0.3)	13.1	(0.2)	29.3	(0.3)
	Sweden	3.09	(0.03)	0.61	(0.02)	1.18	(0.02)	4.88	(0.04)	68.1	(0.5)	9.9	(0.2)	22.0	(0.4)
	Switzerland	3.86	(0.04)	0.70	(0.02)	1.69	(0.02)	6.26	(0.06)	63.6	(0.4)	9.6	(0.3)	26.8	(0.2)
	Turkey	3.82	(0.06)	2.08	(0.05)	2.31	(0.05)	8.17	(0.14)	50.8	(0.4)	22.7	(0.4)	26.6	(0.3)
	United Kingdom	3.78	(0.03)	0.63	(0.02)	1.49	(0.02)	5.90	(0.05)	67.1	(0.3)	8.9	(0.2)	24.0	(0.2)
	United States	3.77	(0.05)	1.15	(0.03)	2.05	(0.03)	7.01	(0.07)	55.4	(0.5)	15.4	(0.4)	29.2	(0.3)
	OECD average	3.81	(0.01)	0.96	(0.00)	1.81	(0.01)	6.59	(0.01)	61.7	(0.1)	12.2	(0.1)	26.1	(0.1)
Partners	Argentina	2.95	(0.06)	0.78	(0.04)	1.82	(0.04)	5.56	(0.10)	55.0	(0.6)	12.4	(0.5)	32.7	(0.4)
	Azerbaijan	3.79	(0.06)	1.70	(0.05)	2.95	(0.06)	8.49	(0.13)	47.1	(0.5)	18.6	(0.4)	34.3	(0.5)
	Brazil	3.15	(0.04)	1.21	(0.03)	1.80	(0.03)	6.14	(0.07)	54.4	(0.5)	17.3	(0.4)	28.3	(0.4)
	Bulgaria	2.98	(0.07)	1.14	(0.04)	2.08	(0.06)	6.23	(0.15)	51.2	(0.5)	16.4	(0.5)	32.4	(0.4)
	Chile	3.49	(0.06)	0.99	(0.03)	1.60	(0.03)	6.12	(0.10)	56.8	(0.5)	15.1	(0.3)	28.0	(0.4)
	Colombia	4.21	(0.06)	1.23	(0.03)	1.93	(0.03)	7.37	(0.08)	60.7	(0.6)	14.2	(0.3)	25.0	(0.3)
	Croatia	3.05	(0.04)	0.77	(0.02)	1.80	(0.03)	5.66	(0.06)	58.3	(0.5)	11.5	(0.3)	30.2	(0.4)
	Estonia	4.19	(0.04)	0.99	(0.03)	1.96	(0.03)	7.15	(0.07)	62.2	(0.4)	12.3	(0.3)	25.5	(0.3)
	Hong Kong-China	5.23	(0.04)	1.39	(0.04)	2.24	(0.04)	8.87	(0.08)	62.6	(0.4)	14.0	(0.3)	23.4	(0.3)
	Indonesia	4.09	(0.07)	1.36	(0.05)	1.99	(0.03)	7.44	(0.10)	57.2	(0.6)	16.4	(0.5)	26.5	(0.3)
	Israel	4.12	(0.04)	2.15	(0.04)	2.33	(0.05)	8.69	(0.11)	51.4	(0.6)	23.1	(0.3)	25.5	(0.4)
	Jordan	3.48	(0.05)	1.82	(0.04)	2.69	(0.04)	7.96	(0.08)	43.2	(0.5)	22.3	(0.5)	34.5	(0.4)
	Kyrgyzstan	2.88	(0.05)	1.55	(0.04)	2.22	(0.03)	6.71	(0.09)	42.0	(0.5)	24.1	(0.5)	33.9	(0.4)
	Latvia	4.49	(0.04)	1.20	(0.04)	2.44	(0.04)	8.14	(0.09)	58.2	(0.3)	13.3	(0.4)	28.4	(0.3)
	Liechtenstein	3.98	(0.08)	0.58	(0.05)	1.49	(0.06)	6.04	(0.12)	66.7	(1.2)	8.5	(0.6)	24.8	(1.0)
	Lithuania	3.50	(0.04)	0.74	(0.02)	1.78	(0.03)	6.02	(0.06)	60.7	(0.4)	11.5	(0.3)	27.8	(0.3)
	Macao-China	5.41	(0.03)	1.20	(0.03)	2.07	(0.03)	8.68	(0.06)	66.2	(0.4)	11.8	(0.2)	21.9	(0.3)
	Montenegro	3.09	(0.04)	0.93	(0.02)	2.03	(0.03)	6.03	(0.07)	52.5	(0.4)	13.4	(0.3)	34.1	(0.4)
	Qatar	3.11	(0.03)	1.85	(0.03)	2.22	(0.02)	7.21	(0.06)	43.3	(0.3)	25.2	(0.3)	31.6	(0.3)
	Romania	3.01	(0.07)	1.50	(0.03)	2.16	(0.04)	6.67	(0.11)	49.5	(0.6)	19.7	(0.4)	30.7	(0.4)
	Russian Federation	3.63	(0.06)	1.13	(0.03)	2.23	(0.05)	6.99	(0.10)	53.9	(0.5)	15.7	(0.6)	30.4	(0.4)
	Serbia	3.27	(0.04)	0.97	(0.02)	1.82	(0.03)	6.06	(0.07)	59.3	(0.5)	13.0	(0.3)	27.7	(0.4)
	Slovenia	3.33	(0.03)	1.02	(0.02)	1.92	(0.02)	6.30	(0.05)	55.6	(0.3)	14.4	(0.2)	30.1	(0.3)
	Chinese Taipei	4.26	(0.05)	1.53	(0.04)	1.88	(0.04)	7.72	(0.12)	59.7	(0.4)	16.9	(0.3)	23.4	(0.2)
	Thailand	3.77	(0.03)	0.92	(0.03)	1.81	(0.03)	6.50	(0.07)	63.4	(0.4)	10.6	(0.3)	26.0	(0.3)
	Tunisia	3.39	(0.04)	2.42	(0.03)	2.57	(0.04)	8.38	(0.10)	41.7	(0.4)	27.1	(0.3)	31.2	(0.3)
	Uruguay	3.31	(0.03)	0.84	(0.03)	1.57	(0.03)	5.74	(0.07)	60.8	(0.4)	12.4	(0.3)	26.8	(0.3)

1. "No time" in any given activity is recoded to 0 hours per week in that activity, "less than 2 hours per week" is recoded to 1 hour per week, "2 or more but less than 4 hours per week" is recoded to 3 hours per week, "4 or more but less than 6 hours per week" is recoded to 5 hours per week and "6 or more hours per week" is recoded to 7 hours per week.

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Table 2.2c Mean learning hours and allocation of total learning time on the language of instruction

		Mean learning hours per week[1]								Allocation of total learning time on the language of instruction for					
		Regular school lessons		Out-of-school-time lessons		Individual study		Total learning hours		Regular school lessons		Out-of-school-time lessons		Individual study	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	4.06	(0.03)	0.66	(0.02)	1.71	(0.02)	6.43	(0.04)	67.1	(0.3)	8.3	(0.2)	24.7	(0.2)
	Austria	2.87	(0.03)	0.24	(0.02)	1.55	(0.04)	4.66	(0.07)	65.5	(0.4)	3.3	(0.2)	31.2	(0.4)
	Belgium	3.49	(0.03)	0.46	(0.01)	1.35	(0.02)	5.30	(0.04)	67.3	(0.3)	7.1	(0.2)	25.7	(0.2)
	Canada	4.43	(0.04)	0.86	(0.02)	1.74	(0.03)	7.06	(0.06)	65.6	(0.3)	10.8	(0.2)	23.6	(0.2)
	Czech Republic	3.72	(0.03)	0.61	(0.01)	1.16	(0.02)	5.49	(0.05)	71.6	(0.4)	9.0	(0.2)	19.4	(0.4)
	Denmark	5.50	(0.03)	1.68	(0.03)	2.16	(0.03)	9.34	(0.07)	62.2	(0.3)	16.0	(0.2)	21.9	(0.2)
	Finland	3.13	(0.05)	0.36	(0.01)	1.13	(0.02)	4.63	(0.07)	70.7	(0.4)	6.2	(0.2)	23.1	(0.3)
	France	4.01	(0.03)	0.77	(0.02)	1.51	(0.02)	6.30	(0.04)	67.0	(0.4)	10.7	(0.3)	22.3	(0.3)
	Germany	3.66	(0.03)	0.61	(0.02)	1.89	(0.03)	6.17	(0.05)	62.3	(0.4)	7.9	(0.3)	29.8	(0.3)
	Greece	3.18	(0.04)	1.63	(0.03)	1.94	(0.03)	6.75	(0.08)	51.0	(0.5)	21.6	(0.4)	27.5	(0.3)
	Hungary	3.18	(0.04)	1.31	(0.03)	1.86	(0.03)	6.36	(0.08)	53.2	(0.4)	18.3	(0.3)	28.5	(0.3)
	Iceland	4.52	(0.02)	0.46	(0.02)	1.54	(0.02)	6.54	(0.04)	71.8	(0.3)	6.0	(0.2)	22.2	(0.2)
	Ireland	3.55	(0.03)	0.63	(0.02)	1.75	(0.03)	5.94	(0.07)	64.3	(0.4)	8.1	(0.3)	27.6	(0.3)
	Italy	4.62	(0.03)	0.79	(0.02)	2.95	(0.04)	8.37	(0.07)	57.2	(0.2)	8.3	(0.2)	34.5	(0.2)
	Japan	3.82	(0.04)	0.43	(0.02)	0.94	(0.03)	5.19	(0.07)	78.1	(0.5)	6.3	(0.3)	15.5	(0.4)
	Korea	4.48	(0.04)	1.45	(0.04)	1.40	(0.03)	7.34	(0.09)	66.4	(0.5)	16.5	(0.4)	17.2	(0.2)
	Luxembourg	3.50	(0.03)	0.60	(0.02)	1.38	(0.02)	5.48	(0.04)	67.3	(0.3)	8.8	(0.2)	23.9	(0.3)
	Mexico	3.73	(0.04)	1.10	(0.03)	2.06	(0.03)	6.87	(0.07)	55.1	(0.4)	14.6	(0.3)	30.4	(0.3)
	Netherlands	2.92	(0.03)	0.64	(0.02)	1.33	(0.02)	4.89	(0.05)	63.0	(0.4)	10.8	(0.3)	26.2	(0.3)
	New Zealand	4.39	(0.03)	0.65	(0.03)	1.57	(0.03)	6.62	(0.06)	70.2	(0.4)	8.0	(0.3)	21.9	(0.3)
	Norway	3.60	(0.04)	1.16	(0.02)	1.44	(0.03)	6.19	(0.06)	62.2	(0.5)	16.4	(0.3)	21.4	(0.3)
	Poland	4.64	(0.03)	0.70	(0.03)	2.22	(0.03)	7.56	(0.05)	63.5	(0.3)	8.5	(0.3)	27.9	(0.3)
	Portugal	3.27	(0.03)	0.57	(0.02)	1.79	(0.03)	5.63	(0.05)	61.0	(0.4)	8.7	(0.3)	30.3	(0.3)
	Slovak Republic	3.12	(0.05)	0.89	(0.03)	1.74	(0.03)	5.75	(0.08)	59.0	(0.5)	12.7	(0.3)	28.3	(0.5)
	Spain	3.60	(0.03)	0.58	(0.02)	1.89	(0.03)	6.10	(0.05)	62.7	(0.3)	8.1	(0.3)	29.2	(0.3)
	Sweden	3.12	(0.03)	0.68	(0.02)	1.26	(0.02)	5.06	(0.06)	66.7	(0.5)	10.3	(0.2)	23.0	(0.4)
	Switzerland	3.65	(0.04)	0.49	(0.02)	1.40	(0.02)	5.54	(0.05)	67.5	(0.4)	7.1	(0.3)	25.4	(0.2)
	Turkey	3.99	(0.05)	1.81	(0.05)	2.18	(0.05)	7.96	(0.12)	54.7	(0.6)	19.8	(0.4)	25.5	(0.3)
	United Kingdom	3.89	(0.04)	0.59	(0.02)	1.59	(0.02)	6.08	(0.06)	67.6	(0.3)	7.8	(0.2)	24.6	(0.3)
	United States	3.64	(0.04)	1.11	(0.03)	1.87	(0.03)	6.65	(0.06)	55.8	(0.6)	16.0	(0.4)	28.2	(0.3)
	OECD average	3.78	(0.01)	0.82	(0.00)	1.68	(0.01)	6.28	(0.01)	63.9	(0.1)	10.7	(0.1)	25.4	(0.1)
Partners	Argentina	2.39	(0.05)	0.43	(0.03)	1.64	(0.04)	4.45	(0.08)	55.2	(0.6)	8.0	(0.5)	36.8	(0.5)
	Azerbaijan	3.69	(0.05)	1.80	(0.05)	3.10	(0.05)	8.66	(0.11)	44.9	(0.6)	19.3	(0.5)	35.8	(0.5)
	Brazil	3.10	(0.04)	1.18	(0.03)	1.74	(0.03)	6.01	(0.06)	54.4	(0.4)	17.7	(0.4)	27.8	(0.3)
	Bulgaria	2.91	(0.05)	1.09	(0.04)	2.05	(0.05)	6.08	(0.11)	51.8	(0.5)	15.4	(0.4)	32.7	(0.4)
	Chile	3.45	(0.06)	1.00	(0.03)	1.56	(0.03)	6.03	(0.08)	57.4	(0.6)	15.2	(0.5)	27.4	(0.4)
	Colombia	3.92	(0.05)	1.15	(0.03)	1.84	(0.04)	6.92	(0.08)	60.2	(0.6)	14.5	(0.4)	25.3	(0.4)
	Croatia	3.33	(0.03)	0.39	(0.02)	1.58	(0.03)	5.32	(0.06)	66.8	(0.4)	5.9	(0.2)	27.4	(0.4)
	Estonia	3.48	(0.04)	0.88	(0.03)	1.62	(0.03)	5.99	(0.06)	61.8	(0.5)	13.1	(0.4)	25.2	(0.3)
	Hong Kong-China	5.19	(0.04)	0.81	(0.03)	1.64	(0.03)	7.64	(0.08)	70.9	(0.4)	9.1	(0.3)	20.0	(0.3)
	Indonesia	3.64	(0.05)	1.25	(0.04)	1.80	(0.03)	6.68	(0.10)	56.3	(0.7)	16.7	(0.6)	27.1	(0.3)
	Israel	3.03	(0.04)	1.33	(0.03)	1.66	(0.04)	6.04	(0.09)	54.0	(0.5)	19.8	(0.4)	26.1	(0.4)
	Jordan	3.56	(0.05)	1.77	(0.04)	2.59	(0.04)	7.92	(0.09)	44.2	(0.6)	22.2	(0.5)	33.6	(0.4)
	Kyrgyzstan	2.74	(0.06)	1.70	(0.03)	2.34	(0.04)	6.85	(0.09)	39.9	(0.5)	26.1	(0.4)	34.0	(0.4)
	Latvia	3.69	(0.04)	0.88	(0.03)	2.01	(0.03)	6.58	(0.07)	59.2	(0.4)	11.4	(0.4)	29.3	(0.3)
	Liechtenstein	3.66	(0.08)	0.32	(0.04)	1.24	(0.06)	5.21	(0.10)	69.8	(1.2)	5.6	(0.7)	24.6	(0.9)
	Lithuania	3.66	(0.04)	0.66	(0.02)	1.82	(0.03)	6.13	(0.06)	62.3	(0.4)	9.9	(0.3)	27.8	(0.3)
	Macao-China	5.32	(0.03)	1.06	(0.03)	1.49	(0.03)	7.86	(0.06)	71.4	(0.3)	11.1	(0.2)	17.5	(0.2)
	Montenegro	2.93	(0.04)	0.75	(0.02)	1.99	(0.03)	5.66	(0.07)	53.0	(0.4)	11.4	(0.3)	35.6	(0.4)
	Qatar	2.90	(0.03)	1.59	(0.03)	2.04	(0.02)	6.51	(0.06)	44.7	(0.3)	23.6	(0.3)	31.7	(0.3)
	Romania	3.30	(0.06)	1.52	(0.03)	2.19	(0.04)	7.02	(0.10)	50.6	(0.6)	19.7	(0.4)	29.6	(0.3)
	Russian Federation	2.04	(0.04)	0.82	(0.03)	1.55	(0.04)	4.40	(0.07)	48.2	(0.6)	16.4	(0.6)	35.4	(0.5)
	Serbia	3.17	(0.04)	0.93	(0.03)	1.70	(0.03)	5.80	(0.07)	60.2	(0.5)	12.9	(0.4)	26.9	(0.3)
	Slovenia	3.25	(0.03)	0.73	(0.02)	1.48	(0.02)	5.47	(0.04)	60.9	(0.4)	12.1	(0.2)	27.1	(0.3)
	Chinese Taipei	4.37	(0.05)	0.69	(0.02)	1.77	(0.03)	6.87	(0.08)	66.1	(0.4)	8.9	(0.2)	25.0	(0.2)
	Thailand	3.10	(0.02)	0.56	(0.02)	1.71	(0.03)	5.36	(0.05)	62.5	(0.4)	7.4	(0.3)	30.1	(0.3)
	Tunisia	3.14	(0.05)	1.78	(0.04)	2.12	(0.04)	7.05	(0.10)	45.6	(0.7)	23.6	(0.5)	30.8	(0.5)
	Uruguay	2.74	(0.04)	0.65	(0.02)	1.35	(0.02)	4.76	(0.06)	60.8	(0.5)	11.3	(0.4)	27.9	(0.3)

1. "No time" in any given activity is recoded to 0 hours per week in that activity, "less than 2 hours per week" is recoded to 1 hour per week, "2 or more but less than 4 hours per week" is recoded to 3 hours per week, "4 or more but less than 6 hours per week" is recoded to 5 hours per week and "6 or more hours per week" is recoded to 7 hours per week.



Table 2.2d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction

		Science, mathematics and language of instruction													
		Mean learning hours per week[1]								Allocation of total learning time in science, in mathematics and on the language of instruction for					
		Regular school lessons		Out-of-school-time lessons		Individual study		Total learning hours		Regular school lessons		Out-of-school-time lessons		Individual study	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	11.40	(0.07)	1.76	(0.04)	4.67	(0.06)	17.85	(0.12)	66.5	(0.2)	8.7	(0.2)	24.8	(0.2)
	Austria	8.56	(0.09)	0.94	(0.04)	4.95	(0.08)	14.49	(0.16)	61.9	(0.4)	5.4	(0.2)	32.8	(0.3)
	Belgium	9.70	(0.10)	1.32	(0.03)	4.39	(0.06)	15.43	(0.14)	64.3	(0.3)	7.8	(0.2)	27.9	(0.2)
	Canada	12.93	(0.11)	2.35	(0.05)	5.26	(0.07)	20.63	(0.17)	64.0	(0.3)	11.0	(0.2)	25.1	(0.2)
	Czech Republic	10.65	(0.11)	1.89	(0.04)	3.47	(0.05)	15.98	(0.15)	69.5	(0.4)	10.2	(0.2)	20.2	(0.3)
	Denmark	13.16	(0.07)	3.83	(0.07)	5.00	(0.06)	21.94	(0.15)	62.3	(0.3)	15.9	(0.2)	21.8	(0.2)
	Finland	9.71	(0.11)	1.06	(0.04)	3.41	(0.05)	14.16	(0.16)	70.5	(0.3)	6.4	(0.2)	23.1	(0.2)
	France	10.71	(0.10)	2.24	(0.04)	4.56	(0.07)	17.55	(0.15)	63.4	(0.3)	12.1	(0.2)	24.5	(0.3)
	Germany	10.61	(0.08)	1.92	(0.06)	5.87	(0.08)	18.44	(0.15)	59.5	(0.3)	9.3	(0.3)	31.2	(0.2)
	Greece	9.82	(0.12)	5.84	(0.11)	5.79	(0.08)	21.48	(0.24)	48.1	(0.5)	25.7	(0.3)	26.2	(0.3)
	Hungary	8.99	(0.10)	3.59	(0.06)	5.29	(0.08)	17.89	(0.19)	52.4	(0.4)	18.7	(0.3)	28.9	(0.2)
	Iceland	12.24	(0.06)	1.46	(0.04)	4.42	(0.05)	18.14	(0.09)	69.7	(0.3)	7.2	(0.2)	23.1	(0.2)
	Ireland	9.75	(0.08)	1.65	(0.05)	4.70	(0.08)	16.08	(0.15)	63.5	(0.4)	8.7	(0.2)	27.8	(0.3)
	Italy	11.27	(0.09)	2.25	(0.04)	7.53	(0.07)	21.07	(0.17)	54.9	(0.2)	9.9	(0.2)	35.2	(0.2)
	Japan	10.75	(0.13)	1.40	(0.05)	3.11	(0.10)	15.26	(0.22)	74.5	(0.5)	7.5	(0.3)	18.0	(0.4)
	Korea	12.76	(0.11)	4.74	(0.08)	4.93	(0.12)	22.49	(0.25)	61.4	(0.4)	18.4	(0.3)	20.3	(0.3)
	Luxembourg	9.71	(0.06)	1.93	(0.04)	4.33	(0.05)	15.98	(0.10)	63.2	(0.3)	10.7	(0.2)	26.1	(0.2)
	Mexico	10.84	(0.09)	3.28	(0.08)	6.42	(0.08)	20.41	(0.19)	53.7	(0.4)	14.7	(0.3)	31.6	(0.3)
	Netherlands	7.97	(0.07)	1.88	(0.05)	3.99	(0.06)	13.82	(0.12)	60.0	(0.4)	12.3	(0.3)	27.8	(0.3)
	New Zealand	12.84	(0.09)	1.74	(0.06)	4.42	(0.07)	19.02	(0.14)	69.7	(0.4)	8.2	(0.3)	22.1	(0.2)
	Norway	9.63	(0.08)	3.13	(0.05)	4.06	(0.06)	16.79	(0.12)	60.4	(0.4)	17.0	(0.3)	22.6	(0.3)
	Poland	11.71	(0.09)	2.11	(0.05)	6.34	(0.07)	20.19	(0.14)	59.9	(0.3)	10.1	(0.3)	30.0	(0.3)
	Portugal	10.08	(0.10)	1.99	(0.05)	5.83	(0.08)	17.94	(0.16)	58.3	(0.4)	10.2	(0.2)	31.5	(0.3)
	Slovak Republic	8.88	(0.14)	2.40	(0.07)	4.81	(0.09)	16.11	(0.25)	58.9	(0.4)	12.7	(0.3)	28.3	(0.3)
	Spain	10.15	(0.09)	2.24	(0.05)	5.58	(0.08)	18.08	(0.16)	59.0	(0.3)	11.2	(0.2)	29.7	(0.3)
	Sweden	9.01	(0.07)	1.79	(0.04)	3.58	(0.05)	14.37	(0.12)	66.1	(0.5)	10.3	(0.2)	23.6	(0.4)
	Switzerland	9.88	(0.09)	1.57	(0.04)	4.20	(0.04)	15.66	(0.13)	64.3	(0.3)	8.9	(0.2)	26.8	(0.2)
	Turkey	10.67	(0.16)	5.22	(0.09)	6.11	(0.09)	21.88	(0.29)	51.4	(0.4)	21.6	(0.3)	26.9	(0.3)
	United Kingdom	11.92	(0.09)	1.70	(0.05)	4.52	(0.06)	18.16	(0.14)	67.8	(0.3)	8.2	(0.2)	24.0	(0.2)
	United States	10.95	(0.13)	3.04	(0.07)	5.59	(0.07)	19.69	(0.15)	55.6	(0.5)	15.3	(0.4)	29.1	(0.2)
	OECD average	10.58	(0.02)	2.41	(0.01)	4.90	(0.01)	17.90	(0.03)	61.8	(0.1)	11.8	(0.0)	26.4	(0.0)
Partners	Argentina	7.62	(0.16)	1.66	(0.07)	5.04	(0.10)	14.32	(0.23)	54.5	(0.6)	10.6	(0.4)	35.0	(0.4)
	Azerbaijan	10.37	(0.12)	4.86	(0.10)	8.71	(0.13)	24.10	(0.27)	44.4	(0.5)	19.7	(0.4)	35.8	(0.3)
	Brazil	8.46	(0.09)	3.15	(0.07)	5.21	(0.07)	16.78	(0.17)	53.0	(0.4)	17.1	(0.3)	29.9	(0.3)
	Bulgaria	8.55	(0.17)	3.20	(0.08)	6.15	(0.16)	17.98	(0.33)	50.0	(0.5)	16.8	(0.4)	33.1	(0.4)
	Chile	9.28	(0.17)	2.81	(0.06)	4.69	(0.08)	16.86	(0.23)	54.6	(0.5)	16.3	(0.3)	29.1	(0.3)
	Colombia	11.66	(0.20)	3.31	(0.07)	5.58	(0.09)	20.55	(0.27)	59.5	(0.6)	14.5	(0.3)	26.0	(0.4)
	Croatia	8.43	(0.09)	1.58	(0.05)	4.85	(0.07)	14.94	(0.15)	59.9	(0.4)	9.6	(0.3)	30.5	(0.3)
	Estonia	10.95	(0.09)	2.63	(0.07)	5.11	(0.06)	18.71	(0.14)	60.9	(0.4)	13.3	(0.3)	25.9	(0.2)
	Hong Kong-China	13.57	(0.11)	3.08	(0.08)	5.33	(0.08)	21.98	(0.21)	64.1	(0.4)	12.9	(0.3)	22.9	(0.2)
	Indonesia	10.98	(0.17)	3.66	(0.11)	5.58	(0.08)	20.17	(0.25)	56.0	(0.7)	16.6	(0.5)	27.5	(0.3)
	Israel	9.58	(0.11)	4.44	(0.08)	5.34	(0.11)	19.44	(0.24)	52.3	(0.4)	21.7	(0.2)	26.1	(0.3)
	Jordan	10.36	(0.14)	5.10	(0.10)	7.90	(0.11)	23.35	(0.22)	43.6	(0.5)	21.9	(0.4)	34.5	(0.3)
	Kyrgyzstan	7.80	(0.16)	4.60	(0.09)	6.70	(0.09)	19.24	(0.25)	40.0	(0.5)	25.2	(0.4)	34.8	(0.3)
	Latvia	11.06	(0.11)	2.72	(0.08)	6.25	(0.08)	20.03	(0.19)	57.4	(0.3)	12.7	(0.3)	30.0	(0.3)
	Liechtenstein	10.23	(0.19)	1.37	(0.10)	3.93	(0.15)	15.51	(0.23)	66.3	(1.1)	8.4	(0.6)	25.4	(0.9)
	Lithuania	9.85	(0.10)	1.93	(0.05)	5.27	(0.07)	17.04	(0.14)	59.5	(0.3)	11.1	(0.3)	29.4	(0.2)
	Macao-China	14.46	(0.07)	3.25	(0.07)	4.93	(0.07)	22.63	(0.15)	66.7	(0.3)	12.8	(0.2)	20.5	(0.2)
	Montenegro	8.89	(0.09)	2.68	(0.05)	6.20	(0.08)	17.73	(0.16)	50.8	(0.3)	14.6	(0.3)	34.7	(0.3)
	Qatar	8.68	(0.08)	4.90	(0.07)	6.27	(0.06)	19.89	(0.16)	43.2	(0.2)	24.6	(0.2)	32.2	(0.2)
	Romania	8.58	(0.15)	4.04	(0.07)	5.96	(0.10)	18.57	(0.26)	48.7	(0.4)	20.5	(0.3)	30.9	(0.2)
	Russian Federation	9.41	(0.13)	3.07	(0.07)	6.65	(0.12)	19.13	(0.24)	50.9	(0.5)	15.7	(0.5)	33.5	(0.4)
	Serbia	9.32	(0.11)	2.66	(0.06)	5.22	(0.08)	17.19	(0.18)	57.7	(0.4)	13.8	(0.3)	28.4	(0.3)
	Slovenia	9.39	(0.07)	2.47	(0.04)	4.93	(0.05)	16.84	(0.12)	56.9	(0.3)	13.9	(0.2)	29.1	(0.2)
	Chinese Taipei	11.52	(0.15)	3.00	(0.06)	4.88	(0.09)	19.53	(0.27)	61.4	(0.3)	14.0	(0.2)	24.6	(0.2)
	Thailand	10.69	(0.08)	2.40	(0.07)	5.31	(0.08)	18.37	(0.16)	62.3	(0.4)	10.3	(0.3)	27.5	(0.3)
	Tunisia	9.17	(0.12)	6.10	(0.06)	7.29	(0.08)	22.60	(0.21)	41.4	(0.3)	26.4	(0.2)	32.2	(0.3)
	Uruguay	8.49	(0.09)	2.08	(0.06)	4.23	(0.06)	14.84	(0.15)	59.2	(0.3)	12.6	(0.3)	28.2	(0.3)

1. "No time" in any given activity is recoded to 0 hours per week in that activity, "less than 2 hours per week" is recoded to 1 hour per week, "2 or more but less than 4 hours per week" is recoded to 3 hours per week, "4 or more but less than 6 hours per week" is recoded to 5 hours per week and "6 or more hours per week" is recoded to 7 hours per week.

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Table 2.3 Percentage of students participating in out-of-school-time lessons, by different types of out-of-school-time lessons

		Proportion of students participating in out-of-school-time lessons		Proportion of students participating in out-of-school-time lessons with non-school teachers								Proportion of students participating in out-of-school-time lessons with school teachers							
				One-to-one lessons		Small group lessons		Large group lessons		At least one of these types of out-of-school-time lessons		One-to-one lessons		Small group lessons		Large group lessons		At least one of these types of out-of-school-time lessons	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	31.2	(0.6)	16.4	(0.4)	8.0	(0.4)	7.2	(0.3)	23.1	(0.6)	6.7	(0.3)	7.3	(0.4)	8.2	(0.4)	14.1	(0.5)
	Austria	36.3	(1.1)	16.5	(0.8)	7.7	(0.6)	6.1	(0.5)	24.2	(0.9)	5.4	(0.5)	13.1	(0.8)	15.6	(0.9)	23.4	(1.1)
	Belgium	30.4	(0.6)	17.4	(0.6)	7.2	(0.3)	4.3	(0.4)	22.5	(0.6)	7.3	(0.4)	7.8	(0.4)	6.0	(0.3)	14.2	(0.5)
	Canada	35.8	(0.7)	16.4	(0.5)	8.4	(0.4)	7.1	(0.3)	22.8	(0.6)	12.3	(0.4)	10.5	(0.4)	11.3	(0.4)	21.3	(0.6)
	Czech Republic	37.3	(0.9)	15.6	(0.7)	7.8	(0.6)	5.6	(0.5)	21.8	(0.8)	14.3	(0.7)	10.9	(0.6)	13.4	(0.8)	23.3	(1.0)
	Denmark	20.6	(0.8)	5.3	(0.4)	4.4	(0.3)	3.8	(0.4)	10.4	(0.6)	5.3	(0.4)	8.0	(0.5)	8.0	(0.5)	14.1	(0.7)
	Finland	23.5	(0.7)	5.3	(0.4)	2.4	(0.2)	3.6	(0.2)	8.5	(0.4)	8.1	(0.5)	9.4	(0.5)	12.1	(0.6)	18.2	(0.7)
	France	41.6	(0.9)	22.1	(0.9)	9.0	(0.5)	4.9	(0.4)	26.4	(1.0)	7.0	(0.6)	17.9	(0.7)	10.4	(0.5)	23.9	(0.8)
	Germany	37.0	(0.7)	20.4	(0.6)	6.9	(0.4)	3.7	(0.4)	27.3	(0.6)	5.8	(0.5)	7.7	(0.5)	10.4	(0.6)	17.6	(0.7)
	Greece	76.4	(0.9)	44.7	(1.1)	45.7	(1.3)	18.4	(0.9)	70.7	(1.0)	12.0	(0.8)	14.8	(0.8)	9.6	(0.7)	22.0	(1.0)
	Hungary	54.2	(1.1)	32.3	(1.0)	10.7	(0.6)	8.7	(0.5)	38.3	(1.0)	14.7	(0.7)	12.7	(0.7)	15.9	(0.7)	29.4	(1.1)
	Iceland	40.4	(0.8)	14.7	(0.6)	6.6	(0.5)	5.1	(0.4)	19.8	(0.7)	10.4	(0.5)	14.5	(0.6)	14.1	(0.6)	27.0	(0.7)
	Ireland	38.1	(0.9)	20.7	(0.6)	9.2	(0.5)	6.5	(0.5)	28.9	(0.8)	7.0	(0.5)	9.0	(0.6)	9.8	(0.6)	16.9	(0.8)
	Italy	66.4	(0.6)	37.1	(0.6)	14.0	(0.5)	8.9	(0.4)	45.9	(0.7)	a	a	36.3	(0.8)	25.8	(0.6)	45.7	(0.8)
	Japan	45.6	(1.4)	9.4	(0.6)	8.4	(0.6)	8.2	(0.6)	20.2	(1.0)	3.7	(0.3)	6.6	(0.3)	30.5	(1.2)	34.9	(1.2)
	Korea	79.2	(0.9)	31.1	(0.8)	31.1	(0.9)	26.7	(0.8)	57.8	(1.0)	9.5	(0.5)	16.7	(0.6)	36.2	(1.3)	50.4	(1.2)
	Luxembourg	43.8	(0.7)	22.8	(0.6)	7.0	(0.5)	5.5	(0.3)	28.0	(0.7)	13.8	(0.5)	14.6	(0.5)	9.9	(0.4)	25.3	(0.6)
	Mexico	47.7	(0.9)	17.7	(0.6)	16.0	(0.6)	15.9	(0.6)	30.5	(0.8)	17.4	(0.8)	17.6	(0.7)	23.8	(0.8)	33.3	(0.9)
	Netherlands	22.1	(0.9)	7.2	(0.5)	3.5	(0.4)	3.6	(0.3)	11.1	(0.6)	7.5	(0.5)	8.7	(0.5)	7.2	(0.5)	15.5	(0.8)
	New Zealand	33.7	(0.9)	16.6	(0.6)	9.7	(0.5)	6.9	(0.4)	23.9	(0.7)	9.1	(0.8)	9.7	(0.6)	9.1	(0.6)	17.7	(0.9)
	Norway	27.3	(0.8)	5.2	(0.4)	4.9	(0.4)	5.0	(0.4)	9.9	(0.6)	8.5	(0.5)	11.9	(0.6)	17.2	(0.7)	23.8	(0.8)
	Poland	56.2	(1.0)	19.2	(0.8)	10.6	(0.6)	9.9	(0.4)	28.9	(0.9)	14.7	(0.6)	23.1	(0.8)	26.7	(0.9)	41.2	(1.0)
	Portugal	68.8	(1.0)	26.0	(0.9)	14.2	(0.7)	7.9	(0.6)	35.3	(1.0)	22.0	(0.9)	31.8	(1.1)	23.9	(1.1)	47.8	(1.3)
	Slovak Republic	55.7	(1.2)	25.2	(1.0)	11.0	(0.5)	7.3	(0.6)	29.7	(1.0)	30.4	(1.3)	18.0	(1.0)	23.9	(1.2)	38.6	(1.4)
	Spain	53.8	(0.7)	28.3	(0.8)	25.7	(0.7)	10.4	(0.5)	43.4	(0.8)	8.5	(0.5)	10.8	(0.4)	9.8	(0.5)	18.6	(0.6)
	Sweden	31.9	(0.8)	7.4	(0.4)	5.8	(0.4)	7.0	(0.4)	13.1	(0.6)	8.8	(0.6)	14.3	(0.6)	20.8	(0.7)	26.4	(0.8)
	Switzerland	40.0	(0.7)	19.5	(0.6)	6.3	(0.4)	4.7	(0.3)	24.6	(0.6)	6.8	(0.3)	10.1	(0.4)	14.1	(0.6)	22.5	(0.7)
	Turkey	36.9	(1.1)	13.4	(0.7)	10.9	(0.6)	14.9	(1.0)	26.5	(1.2)	7.6	(0.6)	9.3	(0.6)	12.8	(0.7)	19.7	(0.9)
	United Kingdom	45.5	(0.9)	16.9	(0.5)	7.2	(0.4)	7.3	(0.4)	24.1	(0.7)	11.3	(0.4)	17.7	(0.6)	19.5	(0.7)	31.8	(0.9)
	United States	42.3	(1.2)	17.3	(0.8)	12.5	(0.9)	11.6	(0.8)	25.2	(1.1)	22.4	(1.0)	19.1	(0.9)	18.1	(1.0)	32.4	(1.2)
	OECD average	43.3	(0.2)	18.9	(0.1)	11.1	(0.1)	8.2	(0.1)	27.4	(0.1)	11.0	(0.1)	14.0	(0.1)	15.8	(0.1)	26.4	(0.2)
Partners	Argentina	48.5	(1.2)	30.8	(1.3)	18.9	(0.9)	12.9	(0.8)	39.9	(1.2)	10.7	(0.9)	12.6	(1.0)	11.3	(1.0)	20.2	(1.3)
	Azerbaijan	79.5	(1.1)	30.3	(1.2)	40.9	(1.0)	38.9	(1.0)	62.7	(1.0)	39.0	(1.2)	37.2	(1.3)	48.4	(1.4)	67.6	(1.4)
	Brazil	48.4	(0.9)	19.5	(0.6)	17.6	(0.5)	15.2	(0.5)	33.1	(0.7)	13.6	(0.6)	23.5	(0.8)	20.4	(0.7)	34.3	(0.9)
	Bulgaria	54.2	(1.4)	26.9	(0.9)	17.4	(1.0)	16.8	(1.1)	38.1	(1.1)	22.0	(1.4)	19.2	(1.1)	22.8	(1.2)	34.9	(1.6)
	Chile	38.2	(1.2)	13.3	(0.8)	9.4	(0.5)	8.2	(0.5)	21.4	(0.9)	8.2	(0.5)	16.2	(0.8)	17.7	(0.7)	27.2	(1.1)
	Colombia	51.0	(1.1)	23.7	(0.5)	23.6	(0.5)	40.3	(0.9)	36.7	(0.8)	15.0	(1.1)	20.1	(1.2)	19.4	(1.1)	29.3	(1.3)
	Croatia	45.4	(0.9)	25.2	(0.7)	17.6	(0.8)	16.2	(0.7)	34.0	(0.9)	13.2	(0.5)	11.2	(0.6)	12.0	(0.7)	21.8	(0.9)
	Estonia	46.0	(0.9)	27.8	(0.9)	9.7	(0.5)	7.8	(0.5)	23.4	(0.7)	18.4	(0.9)	13.7	(0.7)	18.6	(0.7)	32.1	(1.0)
	Hong Kong-China	75.4	(0.9)	17.2	(0.6)	8.0	(0.5)	7.3	(0.5)	52.1	(1.2)	5.9	(0.4)	16.9	(0.8)	42.0	(1.3)	48.6	(1.3)
	Indonesia	65.8	(2.3)	24.1	(1.3)	17.8	(0.8)	30.1	(1.1)	34.0	(1.0)	31.6	(2.3)	26.5	(2.0)	34.9	(2.3)	51.8	(3.0)
	Israel	64.4	(1.1)	17.4	(0.8)	19.4	(0.8)	17.5	(0.9)	52.7	(1.3)	20.8	(1.0)	20.9	(0.9)	20.2	(0.8)	35.2	(1.1)
	Jordan	72.6	(0.9)	42.3	(1.1)	20.1	(0.8)	15.2	(0.8)	48.0	(0.9)	27.4	(1.0)	31.7	(0.9)	40.9	(0.9)	56.6	(1.1)
	Kyrgyzstan	85.2	(1.0)	34.4	(0.8)	24.9	(0.8)	21.6	(0.8)	48.6	(1.0)	63.8	(1.0)	44.1	(1.1)	52.9	(1.2)	78.5	(1.1)
	Latvia	71.5	(1.1)	26.3	(0.8)	26.7	(0.9)	31.5	(1.0)	42.3	(1.1)	34.7	(1.2)	25.6	(1.1)	29.0	(1.2)	50.5	(1.3)
	Liechtenstein	27.8	(2.4)	32.1	(1.2)	14.1	(0.5)	16.9	(0.7)	16.1	(2.0)	5.8	(1.2)	7.9	(1.3)	10.6	(1.6)	16.7	(1.9)
	Lithuania	48.8	(1.1)	13.6	(1.8)	2.8	(1.0)	2.5	(0.9)	23.4	(0.8)	12.0	(0.6)	17.6	(0.8)	19.4	(0.8)	34.4	(1.0)
	Macao-China	62.3	(0.8)	17.5	(0.8)	6.9	(0.4)	6.5	(0.5)	39.1	(0.8)	14.3	(0.6)	22.7	(0.6)	34.9	(0.7)	46.7	(0.8)
	Montenegro	62.1	(0.7)	21.7	(0.7)	20.6	(0.7)	19.4	(0.7)	47.5	(0.8)	25.2	(0.6)	17.8	(0.6)	21.7	(0.6)	34.7	(0.8)
	Qatar	63.6	(0.5)	37.1	(0.8)	20.5	(0.6)	17.1	(0.6)	48.5	(0.7)	33.9	(0.6)	29.1	(0.5)	29.5	(0.6)	45.3	(0.6)
	Romania	56.8	(1.5)	36.1	(0.7)	25.1	(0.6)	22.6	(0.5)	38.5	(1.3)	26.9	(1.3)	24.4	(1.1)	21.9	(1.5)	40.1	(1.6)
	Russian Federation	69.4	(1.4)	27.8	(1.3)	19.7	(1.2)	15.3	(1.2)	31.2	(1.1)	30.7	(0.9)	31.6	(1.2)	36.7	(1.3)	57.6	(1.3)
	Serbia	53.9	(1.0)	21.4	(0.8)	12.5	(0.8)	12.7	(0.6)	43.3	(1.1)	10.3	(0.7)	12.3	(0.6)	14.6	(0.8)	23.7	(0.9)
	Slovenia	41.6	(0.6)	38.5	(1.1)	12.8	(0.6)	8.6	(0.5)	31.2	(0.6)	8.9	(0.4)	8.9	(0.5)	11.7	(0.5)	20.2	(0.6)
	Chinese Taipei	75.0	(0.5)	26.7	(0.6)	6.5	(0.4)	5.0	(0.3)	56.9	(0.8)	14.4	(0.6)	22.8	(0.7)	35.1	(0.8)	45.1	(0.9)
	Thailand	63.5	(1.2)	20.5	(0.8)	24.0	(0.9)	31.3	(1.2)	44.3	(1.3)	21.0	(0.7)	26.9	(0.9)	39.0	(1.2)	47.4	(1.2)
	Tunisia	70.4	(1.0)	30.6	(1.4)	28.2	(1.1)	19.0	(0.9)	44.9	(1.4)	42.6	(1.3)	32.8	(1.2)	30.5	(0.9)	54.0	(1.2)
	Uruguay	44.6	(1.0)	28.7	(0.8)	20.5	(0.7)	11.7	(0.6)	37.6	(1.0)	9.5	(0.8)	9.0	(0.6)	8.7	(0.5)	17.1	(0.9)



Table 3.1 Percentage of students, by immigrant status

		Native students		Students with an immigrant background	
		%	S.E.	%	S.E.
OECD	Australia	78.1	(1.2)	21.9	(1.2)
	Austria	86.8	(1.2)	13.2	(1.2)
	Belgium	86.7	(1.0)	13.3	(1.0)
	Canada	78.9	(1.2)	21.1	(1.2)
	Czech Republic	98.1	(0.2)	1.9	(0.2)
	Denmark	92.4	(0.8)	7.6	(0.8)
	Finland	98.5	(0.3)	1. 5	(0.3)
	France	87.0	(1.0)	13.0	(1.0)
	Germany	85.8	(1.0)	14.2	(1.0)
	Greece	92.4	(0.7)	7.6	(0.7)
	Hungary	98.3	(0.3)	1.7	(0.3)
	Iceland	98.2	(0.2)	1.8	(0.2)
	Ireland	94.4	(0.5)	5.6	(0.5)
	Italy	96.2	(0.3)	3.8	(0.3)
	Japan	99.6	(0.1)	0.4	(0.1)
	Korea	100.0	(0.0)	0.0	(0.0)
	Luxembourg	63.9	(0.6)	36.1	(0.6)
	Mexico	97.6	(0.3)	2.4	(0.3)
	Netherlands	88.7	(1.1)	11.3	(1.1)
	New Zealand	78.7	(1.0)	21.3	(1.0)
	Norway	93.9	(0.7)	6.1	(0.7)
	Poland	99.8	(0.1)	0.2	(0.1)
	Portugal	94.1	(0.8)	5.9	(0.8)
	Slovak Republic	99.5	(0.1)	0.5	(0.1)
	Spain	93.1	(0.7)	6.9	(0.7)
	Sweden	89.2	(0.9)	10.8	(0.9)
	Switzerland	77.6	(0.7)	22.4	(0.7)
	Turkey	98.5	(0.4)	1.5	(0.4)
	United Kingdom	91.4	(0.9)	8.6	(0.9)
	United States	84.8	(1.2)	15.2	(1.2)
	OECD average	90.7	(0.1)	9.3	(0.1)
Partners	Argentina	97.3	(0.3)	2.7	(0.3)
	Azerbaijan	97.6	(0.5)	2.4	(0.5)
	Brazil	97.6	(0.2)	2.4	(0.2)
	Bulgaria	99.8	(0.1)	0.2	(0.1)
	Chile	99.4	(0.1)	0.6	(0.1)
	Colombia	99.6	(0.1)	0.4	(0.1)
	Croatia	88.0	(0.7)	12.0	(0.7)
	Estonia	88.4	(0.6)	11.6	(0.6)
	Hong Kong-China	56.2	(1.4)	43.8	(1.4)
	Indonesia	99.8	(0.1)	0.2	(0.1)
	Israel	77.0	(1.2)	23.0	(1.2)
	Jordan	83.2	(0.9)	16.8	(0.9)
	Kyrgyzstan	97.4	(0.4)	2.6	(0.4)
	Latvia	92.9	(0.6)	7.1	(0.6)
	Liechtenstein	63.2	(2.7)	36.8	(2.7)
	Lithuania	97.9	(0.4)	2.1	(0.4)
	Macao-China	26.4	(0.6)	73.6	(0.6)
	Montenegro	92.8	(0.5)	7.2	(0.5)
	Qatar	59.5	(0.5)	40.5	(0.5)
	Romania	99.9	(0.0)	0.1	(0.0)
	Russian Federation	91.3	(0.5)	8.7	(0.5)
	Serbia	91.0	(0.5)	9.0	(0.5)
	Slovenia	89.7	(0.5)	10.3	(0.5)
	Chinese Taipei	99.4	(0.1)	0.6	(0.1)
	Thailand	99.7	(0.1)	0.3	(0.1)
	Tunisia	99.2	(0.1)	0.8	(0.1)
	Uruguay	99.6	(0.1)	0.4	(0.1)

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Table 3.2 Percentage of students, by lower and upper secondary schools

		Lower secondary school students		Upper secondary school students	
		%	S.E.	%	S.E.
OECD	Australia	80.1	(0.6)	19.9	(0.6)
	Austria	6.7	(0.7)	93.3	(0.7)
	Belgium	6.8	(0.5)	93.2	(0.5)
	Canada	15.0	(0.6)	85.0	(0.6)
	Czech Republic	50.4	(1.5)	49.6	(1.5)
	Denmark	98.9	(0.4)	1.1	(0.4)
	Finland	100.0	(0.0)	0.0	(0.0)
	France	40.0	(1.2)	60.0	(1.2)
	Germany	97.3	(0.5)	2.7	(0.5)
	Greece	8.0	(1.0)	92.0	(1.0)
	Hungary	7.7	(0.9)	92.3	(0.9)
	Iceland	99.4	(0.1)	0.6	(0.1)
	Ireland	61.3	(0.9)	38.7	(0.9)
	Italy	1.7	(0.5)	98.3	(0.5)
	Japan	0.0	c	100.0	c
	Korea	2.0	(0.6)	98.0	(0.6)
	Luxembourg	64.2	(0.4)	35.8	(0.4)
	Mexico	44.5	(2.1)	55.5	(2.1)
	Netherlands	73.5	(1.0)	26.5	(1.0)
	New Zealand	6.2	(0.4)	93.8	(0.4)
	Norway	99.5	(0.3)	0.5	(0.3)
	Poland	99.4	(0.1)	0.6	(0.1)
	Portugal	50.2	(1.5)	49.8	(1.5)
	Slovak Republic	38.6	(2.2)	61.4	(2.2)
	Spain	100.0	(0.0)	0.0	(0.0)
	Sweden	97.8	(0.3)	2.2	(0.3)
	Switzerland	82.8	(1.3)	17.2	(1.3)
	Turkey	5.3	(1.2)	94.7	(1.2)
	United Kingdom	0.5	(0.1)	99.5	(0.1)
	United States	12.4	(1.7)	87.6	(1.7)
	OECD average	50.0	(0.2)	51.7	(0.2)
Partners	Argentina	31.2	(2.1)	68.8	(2.1)
	Azerbaijan	59.4	(1.6)	40.6	(1.6)
	Brazil	33.6	(1.7)	66.4	(1.7)
	Bulgaria	7.4	(1.0)	92.6	(1.0)
	Chile	4.3	(0.7)	95.7	(0.7)
	Colombia	40.8	(1.9)	59.2	(1.9)
	Croatia	0.4	(0.3)	99.6	(0.3)
	Estonia	98.2	(0.2)	1.8	(0.2)
	Hong Kong-China	36.9	(0.9)	63.1	(0.9)
	Indonesia	52.0	(4.1)	48.0	(4.1)
	Israel	13.1	(1.2)	86.9	(1.2)
	Jordan	100.0	c	0.0	c
	Kyrgyzstan	75.5	(1.4)	24.5	(1.4)
	Latvia	96.6	(0.4)	3.4	(0.4)
	Liechtenstein	88.7	(0.5)	11.3	(0.5)
	Lithuania	100.0	(0.0)	0.0	(0.0)
	Macao-China	62.9	(0.1)	37.1	(0.1)
	Montenegro	0.3	(0.2)	99.7	(0.2)
	Qatar	21.6	(0.1)	78.4	(0.1)
	Romania	100.0	c	0.0	c
	Russian Federation	37.3	(2.0)	62.7	(2.0)
	Serbia	1.9	(0.6)	98.1	(0.6)
	Slovenia	3.7	(0.3)	96.3	(0.3)
	Chinese Taipei	33.4	(1.1)	66.6	(1.1)
	Thailand	31.8	(1.1)	68.2	(1.1)
	Tunisia	49.2	(1.7)	50.8	(1.7)
	Uruguay	34.6	(1.5)	65.4	(1.5)



Table 3.3 Percentage of students, by public and private schools

		Public schools[1]		Private schools[2]	
		%	S.E.	%	S.E.
OECD	Australia	w	w	w	w
	Austria	90.7	(2.2)	9.3	(2.2)
	Belgium	w	w	w	w
	Canada	92.7	(0.6)	7.3	(0.6)
	Czech Republic	93.4	(2.7)	6.6	(2.7)
	Denmark	76.0	(3.1)	24.0	(3.1)
	Finland	97.0	(1.2)	3.0	(1.2)
	France	w	w	w	w
	Germany	94.3	(1.8)	5.7	(1.8)
	Greece	94.8	(1.2)	5.2	(1.2)
	Hungary	83.7	(3.3)	16.3	(3.3)
	Iceland	98.9	(0.1)	1.1	(0.1)
	Ireland	39.7	(1.3)	60.3	(1.3)
	Italy	96.1	(0.7)	3.9	(0.7)
	Japan	69.1	(1.3)	30.9	(1.3)
	Korea	53.7	(3.9)	46.3	(3.9)
	Luxembourg	85.6	(0.0)	14.4	(0.0)
	Mexico	85.0	(2.1)	15.0	(2.1)
	Netherlands	32.3	(4.3)	67.7	(4.3)
	New Zealand	94.3	(0.3)	5.7	(0.3)
	Norway	98.1	(0.9)	1.9	(0.9)
	Poland	98.4	(0.1)	1.6	(0.1)
	Portugal	89.8	(1.3)	10.2	(1.3)
	Slovak Republic	92.3	(1.9)	7.7	(1.9)
	Spain	64.6	(0.9)	35.4	(0.9)
	Sweden	91.7	(0.8)	8.3	(0.8)
	Switzerland	95.0	(0.6)	5.0	(0.6)
	Turkey	97.7	(1.4)	2.3	(1.4)
	United Kingdom	92.4	(0.7)	7.6	(0.7)
	United States	92.2	(1.1)	7.8	(1.1)
	OECD average	82.9	(0.3)	17.1	(0.3)
Partners	Argentina	65.9	(3.7)	34.1	(3.7)
	Azerbaijan	99.1	(0.4)	0.9	(0.4)
	Brazil	86.4	(1.2)	13.6	(1.2)
	Bulgaria	m	m	m	m
	Chile	43.4	(2.4)	56.6	(2.4)
	Colombia	80.7	(2.6)	19.3	(2.6)
	Croatia	98.6	(1.0)	1.4	(1.0)
	Estonia	98.1	(0.9)	1.9	(0.9)
	Hong Kong-China	7.5	(0.2)	92.5	(0.2)
	Indonesia	60.1	(3.5)	39.9	(3.5)
	Israel	69.4	(3.7)	30.6	(3.7)
	Jordan	80.0	(1.6)	20.0	(1.6)
	Kyrgyzstan	98.5	(0.7)	1.5	(0.7)
	Latvia	100.0	c	0.0	c
	Liechtenstein	92.9	(0.4)	7.1	(0.4)
	Lithuania	99.3	(0.7)	0.7	(0.7)
	Macao-China	3.8	(0.0)	96.2	(0.0)
	Montenegro	99.8	(0.0)	0.2	(0.0)
	Qatar	83.5	(0.1)	16.5	(0.1)
	Romania	100.0	c	0.0	c
	Russian Federation	100.0	c	0.0	c
	Serbia	99.4	(0.7)	0.6	(0.7)
	Slovenia	97.7	(0.0)	2.3	(0.0)
	Chinese Taipei	64.9	(2.4)	35.1	(2.4)
	Thailand	83.5	(0.7)	16.5	(0.7)
	Tunisia	97.7	(1.0)	2.3	(1.0)
	Uruguay	84.9	(0.8)	15.1	(0.8)

1. Schools which are managed directly or indirectly by a public education authority, government agency, or governing board appointed by government or elected by public franchise.
2. Schools which are managed directly or indirectly by a non-government organisation.

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Table 3.4 Percentage of students, by academic and vocational orientation of schools

		Academic schools		Vocational schools	
		%	S.E.	%	S.E.
OECD	Australia	89.4	(0.8)	10.6	(0.8)
	Austria	29.6	(1.4)	70.4	(1.4)
	Belgium	52.6	(1.4)	47.4	(1.4)
	Canada	100.0	c	0.0	c
	Czech Republic	58.8	(1.7)	41.2	(1.7)
	Denmark	100.0	c	0.0	c
	Finland	100.0	(0.0)	a	a
	France	90.7	(0.8)	9.3	(0.8)
	Germany	97.6	(0.5)	2.4	(0.5)
	Greece	86.3	(1.5)	13.7	(1.5)
	Hungary	43.0	(1.6)	57.0	(1.6)
	Iceland	99.9	(0.0)	0.1	(0.0)
	Ireland	98.7	(0.2)	1.3	(0.2)
	Italy	44.0	(0.8)	56.0	(0.8)
	Japan	75.3	(1.6)	24.7	(1.6)
	Korea	76.8	(1.0)	23.2	(1.0)
	Luxembourg	87.0	(0.3)	13.0	(0.3)
	Mexico	68.1	(2.0)	31.9	(2.0)
	Netherlands	69.4	(1.4)	30.6	(1.4)
	New Zealand	100.0	c	0.0	c
	Norway	100.0	c	0.0	c
	Poland	100.0	c	0.0	c
	Portugal	86.0	(1.1)	14.0	(1.1)
	Slovak Republic	56.9	(2.4)	43.1	(2.4)
	Spain	100.0	c	0.0	c
	Sweden	99.2	(0.2)	0.8	(0.2)
	Switzerland	93.3	(1.3)	6.7	(1.3)
	Turkey	59.4	(2.0)	40.6	(2.0)
	United Kingdom	100.0	c	0.0	c
	United States	100.0	c	0.0	c
	OECD average	82.1	(0.2)	25.6	(0.3)
Partners	Argentina	97.6	(0.8)	2.4	(0.8)
	Azerbaijan	99.0	(0.5)	1.0	(0.5)
	Brazil	100.0	c	0.0	c
	Bulgaria	52.9	(2.6)	47.1	(2.6)
	Chile	97.1	(0.3)	2.9	(0.3)
	Colombia	83.3	(2.5)	16.7	(2.5)
	Croatia	27.8	(0.8)	72.2	(0.8)
	Estonia	100.0	c	0.0	c
	Hong Kong-China	92.8	(2.1)	7.2	(2.1)
	Indonesia	82.6	(4.2)	17.4	(4.2)
	Israel	81.7	(3.0)	18.3	(3.0)
	Jordan	100.0	c	0.0	c
	Kyrgyzstan	98.2	(0.6)	1.8	(0.6)
	Latvia	96.6	(0.4)	3.4	(0.4)
	Liechtenstein	100.0	c	0.0	c
	Lithuania	99.8	(0.2)	0.2	(0.2)
	Macao-China	98.7	(0.0)	1.3	(0.0)
	Montenegro	32.0	(0.2)	68.0	(0.2)
	Qatar	100.0	c	0.0	c
	Romania	76.6	(2.6)	23.4	(2.6)
	Russian Federation	86.4	(2.2)	13.6	(2.2)
	Serbia	26.2	(1.7)	73.8	(1.7)
	Slovenia	47.9	(0.2)	52.1	(0.2)
	Chinese Taipei	64.5	(1.9)	35.5	(1.9)
	Thailand	85.2	(0.7)	14.8	(0.7)
	Tunisia	100.0	c	0.0	c
	Uruguay	87.7	(1.8)	12.3	(1.8)



Table 3.5 Percentage of students, by school location

		Village (fewer than 3 000 people)		Small town (3 000 to about 15 000 people)		Town (15 000 to about 100 000 people)		City (100 000 to about 1000 000 people)		Large city (over 1 000 000 people)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	6.7	(1.4)	9.5	(1.6)	23.2	(2.4)	21.8	(2.1)	38.7	(2.4)
	Austria	12.2	(2.1)	33.2	(3.3)	22.3	(3.1)	16.0	(2.5)	16.4	(2.3)
	Belgium	2.1	(1.1)	24.2	(2.8)	52.8	(3.5)	20.5	(2.9)	0.4	(0.4)
	Canada	7.4	(0.5)	19.0	(1.7)	28.7	(2.1)	30.3	(2.5)	14.6	(2.1)
	Czech Republic	12.0	(1.9)	28.1	(3.7)	40.8	(4.3)	11.7	(2.7)	7.5	(1.7)
	Denmark	22.5	(2.6)	29.6	(3.2)	35.5	(3.8)	8.8	(2.3)	3.6	(1.5)
	Finland	15.4	(2.3)	30.5	(3.7)	33.4	(3.1)	20.8	(3.0)	0.0	c
	France	w	w	w	w	w	w	w	w	w	w
	Germany	3.8	(1.1)	27.6	(2.9)	45.0	(3.5)	15.7	(2.6)	7.9	(1.6)
	Greece	6.4	(1.6)	18.4	(3.1)	40.9	(3.4)	21.2	(3.2)	13.1	(2.0)
	Hungary	2.6	(0.6)	16.8	(2.8)	37.3	(3.6)	24.6	(3.4)	18.7	(2.2)
	Iceland	23.1	(0.2)	19.0	(0.1)	24.4	(0.1)	33.5	(0.1)	0.0	c
	Ireland	26.8	(3.2)	27.2	(3.4)	18.9	(3.0)	9.1	(2.6)	18.0	(2.8)
	Italy	1.1	(0.4)	20.2	(2.1)	50.2	(3.3)	19.6	(2.1)	8.9	(1.6)
	Japan	0.0	c	5.8	(1.7)	29.1	(3.4)	40.6	(3.6)	24.5	(3.3)
	Korea	2.8	(1.3)	2.0	(0.9)	10.2	(1.5)	35.4	(2.8)	49.6	(2.4)
	Luxembourg	0.0	c	33.9	(0.1)	56.8	(0.1)	9.3	(0.0)	0.0	c
	Mexico	16.6	(1.9)	16.7	(2.0)	17.8	(1.4)	26.3	(1.9)	22.6	(2.3)
	Netherlands	2.3	(1.0)	16.3	(3.0)	55.6	(3.8)	25.9	(3.4)	0.0	c
	New Zealand	6.6	(1.5)	13.0	(2.3)	26.9	(3.1)	26.2	(2.9)	27.3	(2.3)
	Norway	30.6	(3.0)	35.5	(3.7)	22.3	(3.2)	11.6	(2.3)	0.0	c
	Poland	29.9	(2.3)	25.9	(2.8)	20.3	(2.1)	22.5	(1.1)	1.3	(0.9)
	Portugal	7.6	(1.8)	34.9	(3.6)	35.9	(3.7)	14.9	(2.3)	6.7	(2.1)
	Slovak Republic	10.2	(2.0)	24.6	(3.3)	51.6	(3.7)	13.7	(2.5)	0.0	c
	Spain	3.7	(1.1)	25.9	(2.7)	31.4	(2.9)	30.0	(3.2)	9.0	(1.0)
	Sweden	15.0	(2.8)	28.0	(2.8)	35.4	(3.4)	16.7	(2.1)	4.9	(0.9)
	Switzerland	12.6	(1.9)	44.6	(2.8)	30.0	(2.6)	12.9	(1.5)	0.0	c
	Turkey	2.6	(0.9)	11.2	(2.2)	36.5	(3.9)	29.0	(3.2)	20.7	(3.0)
	United Kingdom	5.0	(1.4)	22.9	(2.8)	40.5	(3.6)	18.5	(2.5)	13.0	(2.8)
	United States	13.8	(2.5)	19.8	(2.8)	32.1	(3.6)	23.8	(3.4)	10.5	(2.3)
	OECD average	45.5	(0.2)	35.9	(0.7)	45.5	(0.2)	35.9	(0.7)	35.9	(0.7)
Partners	Argentina	7.3	(2.3)	19.4	(3.0)	32.6	(3.9)	26.8	(3.3)	13.9	(3.1)
	Azerbaijan	39.1	(2.9)	25.8	(3.7)	14.0	(2.4)	9.6	(1.9)	11.5	(2.1)
	Brazil	6.8	(1.3)	19.2	(1.8)	33.4	(2.9)	23.9	(2.1)	16.6	(2.0)
	Bulgaria	8.8	(2.3)	18.5	(3.2)	38.0	(2.7)	21.0	(1.8)	13.7	(0.9)
	Chile	1.7	(0.7)	14.9	(3.5)	24.2	(3.7)	32.5	(4.0)	26.8	(3.6)
	Colombia	6.2	(1.7)	23.4	(4.8)	21.7	(4.9)	22.7	(3.5)	26.0	(3.8)
	Croatia	0.8	(0.8)	20.4	(2.8)	42.3	(2.8)	17.1	(1.8)	19.3	(1.7)
	Estonia	27.4	(2.4)	17.9	(2.2)	26.6	(2.3)	28.1	(1.9)	0.0	c
	Hong Kong-China	a	a	a	a	a	a	a	a	a	a
	Indonesia	26.4	(3.8)	43.5	(3.8)	11.7	(2.8)	14.6	(4.4)	3.8	(1.6)
	Israel	11.5	(2.7)	15.6	(2.9)	28.4	(3.6)	39.6	(4.5)	4.9	(1.9)
	Jordan	13.4	(2.4)	24.3	(3.0)	22.6	(3.3)	21.3	(3.0)	18.4	(2.7)
	Kyrgyzstan	56.2	(2.2)	20.6	(1.9)	9.6	(1.6)	11.9	(1.6)	1.8	(1.0)
	Latvia	31.5	(1.7)	18.2	(1.9)	17.5	(2.3)	32.9	(2.1)	0.0	c
	Liechtenstein	11.3	(0.5)	88.7	(0.5)	0.0	c	0.0	c	0.0	c
	Lithuania	18.7	(1.5)	22.3	(2.5)	20.3	(2.4)	36.0	(1.7)	2.7	(1.2)
	Macao-China	4.3	(0.0)	3.5	(0.0)	9.0	(0.1)	83.2	(0.1)	0.0	c
	Montenegro	0.1	(0.0)	15.8	(0.1)	50.4	(0.1)	33.7	(0.1)	0.0	c
	Qatar	9.6	(0.1)	35.9	(0.1)	28.6	(0.1)	25.1	(0.1)	0.8	(0.0)
	Romania	3.7	(1.0)	16.8	(2.5)	29.4	(4.0)	41.8	(5.7)	8.3	(2.3)
	Russian Federation	19.4	(2.0)	15.3	(2.6)	25.2	(2.9)	27.6	(2.8)	12.6	(1.9)
	Serbia	0.4	(0.2)	10.7	(1.8)	49.9	(3.4)	20.2	(2.4)	18.9	(1.4)
	Slovenia	1.9	(0.3)	11.7	(0.4)	49.1	(0.3)	37.2	(0.2)	0.0	c
	Chinese Taipei	0.6	(0.4)	7.3	(2.5)	26.5	(2.9)	43.5	(3.3)	22.1	(2.0)
	Thailand	25.0	(2.9)	22.0	(3.4)	27.5	(3.3)	20.6	(2.9)	4.9	(1.5)
	Tunisia	10.3	(2.7)	17.8	(3.4)	55.0	(3.9)	13.5	(3.2)	3.3	(1.3)
	Uruguay	7.1	(1.7)	15.7	(2.0)	36.5	(2.3)	7.7	(1.5)	33.0	(2.0)

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[Part 1/3]

Table 3.6a Mean learning hours and allocation of total learning time in science, by gender

		Mean learning hours per week											
		Regular school lessons						Out-of-school-time lessons					
		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	3.17	(0.04)	3.32	(0.04)	**-0.15**	(0.05)	0.41	(0.01)	0.31	(0.01)	**0.12**	(0.02)
	Austria	2.34	(0.10)	2.60	(0.07)	**-0.26**	(0.10)	0.26	(0.02)	0.17	(0.02)	**0.12**	(0.03)
	Belgium	2.49	(0.06)	2.76	(0.05)	**-0.27**	(0.07)	0.36	(0.02)	0.28	(0.01)	**0.10**	(0.02)
	Canada	3.82	(0.05)	4.18	(0.05)	**-0.36**	(0.05)	0.55	(0.02)	0.56	(0.02)	-0.00	(0.02)
	Czech Republic	2.67	(0.08)	3.29	(0.11)	**-0.62**	(0.14)	0.49	(0.02)	0.60	(0.03)	**-0.10**	(0.04)
	Denmark	3.10	(0.05)	3.32	(0.05)	**-0.22**	(0.05)	0.80	(0.03)	0.74	(0.03)	**0.07**	(0.03)
	Finland	2.88	(0.05)	3.36	(0.05)	**-0.48**	(0.06)	0.36	(0.02)	0.29	(0.01)	**0.08**	(0.02)
	France	2.77	(0.06)	2.93	(0.06)	**-0.16**	(0.07)	0.54	(0.02)	0.56	(0.02)	-0.01	(0.03)
	Germany	2.90	(0.06)	3.23	(0.06)	**-0.34**	(0.07)	0.55	(0.03)	0.46	(0.02)	**0.09**	(0.03)
	Greece	2.95	(0.07)	3.41	(0.05)	**-0.46**	(0.08)	1.99	(0.05)	1.99	(0.05)	0.06	(0.06)
	Hungary	2.38	(0.05)	2.64	(0.05)	**-0.26**	(0.06)	1.01	(0.03)	1.00	(0.04)	0.00	(0.04)
	Iceland	2.88	(0.04)	3.06	(0.04)	**-0.19**	(0.05)	0.33	(0.02)	0.25	(0.01)	**0.09**	(0.03)
	Ireland	2.53	(0.05)	2.55	(0.05)	-0.03	(0.06)	0.36	(0.02)	0.28	(0.02)	**0.09**	(0.03)
	Italy	2.98	(0.05)	2.85	(0.08)	**0.13**	(0.07)	0.67	(0.02)	0.49	(0.02)	**0.17**	(0.03)
	Japan	2.74	(0.06)	2.66	(0.07)	0.08	(0.07)	0.32	(0.02)	0.20	(0.01)	**0.13**	(0.02)
	Korea	3.59	(0.07)	3.57	(0.09)	0.02	(0.10)	1.09	(0.06)	0.95	(0.05)	0.13	(0.07)
	Luxembourg	2.11	(0.04)	2.55	(0.04)	**-0.44**	(0.06)	0.56	(0.02)	0.45	(0.02)	**0.14**	(0.03)
	Mexico	3.14	(0.05)	3.17	(0.04)	-0.02	(0.06)	1.07	(0.03)	0.95	(0.03)	**0.12**	(0.04)
	Netherlands	2.16	(0.05)	2.18	(0.04)	-0.02	(0.06)	0.60	(0.03)	0.48	(0.02)	**0.13**	(0.04)
	New Zealand	3.96	(0.06)	4.14	(0.05)	**-0.17**	(0.06)	0.42	(0.02)	0.39	(0.02)	0.04	(0.03)
	Norway	2.59	(0.03)	2.69	(0.03)	**-0.10**	(0.04)	0.98	(0.02)	0.89	(0.03)	**0.11**	(0.03)
	Poland	2.43	(0.04)	3.00	(0.05)	**-0.58**	(0.05)	0.62	(0.03)	0.63	(0.03)	0.00	(0.03)
	Portugal	3.10	(0.06)	3.31	(0.05)	**-0.21**	(0.07)	0.61	(0.02)	0.65	(0.03)	**-0.08**	(0.04)
	Slovak Republic	2.22	(0.09)	2.70	(0.08)	**-0.48**	(0.09)	0.55	(0.03)	0.75	(0.04)	**-0.18**	(0.04)
	Spain	2.97	(0.04)	3.26	(0.05)	**-0.28**	(0.05)	0.67	(0.03)	0.69	(0.03)	-0.03	(0.03)
	Sweden	2.76	(0.04)	2.85	(0.03)	**-0.09**	(0.04)	0.53	(0.02)	0.48	(0.02)	0.06	(0.03)
	Switzerland	2.19	(0.04)	2.55	(0.06)	**-0.36**	(0.06)	0.44	(0.02)	0.34	(0.01)	**0.12**	(0.03)
	Turkey	2.85	(0.10)	2.88	(0.10)	-0.03	(0.09)	1.34	(0.06)	1.36	(0.07)	-0.13	(0.08)
	United Kingdom	4.23	(0.04)	4.27	(0.05)	-0.04	(0.06)	0.53	(0.02)	0.44	(0.02)	**0.09**	(0.02)
	United States	3.39	(0.06)	3.62	(0.05)	**-0.23**	(0.06)	0.82	(0.03)	0.75	(0.03)	0.09	(0.05)
	OECD average	2.88	(0.01)	3.10	(0.01)	**-0.22**	(0.01)	0.66	(0.01)	0.61	(0.01)	**0.05**	(0.01)
Partners	Argentina	2.08	(0.06)	2.42	(0.10)	**-0.34**	(0.10)	0.53	(0.03)	0.45	(0.02)	**0.09**	(0.04)
	Azerbaijan	2.76	(0.07)	2.92	(0.06)	**-0.16**	(0.08)	1.45	(0.04)	1.27	(0.05)	**0.19**	(0.06)
	Brazil	2.28	(0.04)	2.16	(0.04)	**0.12**	(0.06)	0.76	(0.03)	0.81	(0.03)	-0.05	(0.04)
	Bulgaria	2.30	(0.08)	2.98	(0.10)	**-0.68**	(0.08)	1.00	(0.03)	0.96	(0.04)	0.08	(0.06)
	Chile	2.24	(0.06)	2.44	(0.08)	**-0.20**	(0.08)	0.80	(0.02)	0.86	(0.02)	-0.05	(0.03)
	Colombia	3.47	(0.10)	3.53	(0.15)	-0.07	(0.12)	0.91	(0.04)	0.99	(0.05)	-0.08	(0.07)
	Croatia	1.83	(0.05)	2.20	(0.06)	**-0.36**	(0.06)	0.43	(0.03)	0.43	(0.02)	0.06	(0.04)
	Estonia	2.97	(0.05)	3.58	(0.06)	**-0.61**	(0.06)	0.79	(0.03)	0.73	(0.03)	0.07	(0.04)
	Hong Kong-China	3.39	(0.08)	2.91	(0.06)	**0.48**	(0.09)	0.99	(0.04)	0.77	(0.03)	**0.14**	(0.06)
	Indonesia	3.22	(0.10)	3.24	(0.09)	-0.02	(0.11)	1.01	(0.05)	1.08	(0.04)	-0.11	(0.06)
	Israel	2.23	(0.07)	2.62	(0.08)	**-0.39**	(0.10)	1.01	(0.04)	0.94	(0.04)	0.11	(0.06)
	Jordan	2.86	(0.07)	3.61	(0.07)	**-0.75**	(0.10)	1.68	(0.05)	1.37	(0.05)	**0.33**	(0.07)
	Kyrgyzstan	1.87	(0.07)	2.27	(0.08)	**-0.40**	(0.07)	1.27	(0.04)	1.44	(0.04)	**-0.14**	(0.05)
	Latvia	2.58	(0.07)	3.12	(0.06)	**-0.55**	(0.06)	0.70	(0.03)	0.60	(0.03)	**0.13**	(0.04)
	Liechtenstein	2.50	(0.14)	2.62	(0.11)	-0.12	(0.20)	0.59	(0.10)	0.45	(0.06)	0.13	(0.11)
	Lithuania	2.37	(0.05)	3.02	(0.05)	**-0.65**	(0.06)	0.57	(0.02)	0.56	(0.02)	0.02	(0.03)
	Macao-China	3.68	(0.05)	3.81	(0.05)	-0.13	(0.07)	1.07	(0.04)	0.92	(0.04)	**0.16**	(0.06)
	Montenegro	2.60	(0.06)	3.06	(0.05)	**-0.46**	(0.08)	1.05	(0.03)	1.06	(0.03)	0.04	(0.05)
	Qatar	2.52	(0.05)	2.80	(0.04)	**-0.28**	(0.06)	1.62	(0.03)	1.35	(0.03)	**0.27**	(0.05)
	Romania	2.14	(0.07)	2.38	(0.08)	**-0.25**	(0.06)	1.08	(0.04)	0.98	(0.04)	**0.14**	(0.06)
	Russian Federation	3.46	(0.08)	3.97	(0.10)	**-0.51**	(0.07)	1.13	(0.04)	1.11	(0.04)	0.02	(0.05)
	Serbia	2.55	(0.07)	3.18	(0.06)	**-0.63**	(0.08)	0.81	(0.03)	0.76	(0.03)	**0.11**	(0.04)
	Slovenia	2.34	(0.05)	3.27	(0.04)	**-0.92**	(0.07)	0.73	(0.03)	0.70	(0.03)	0.07	(0.04)
	Chinese Taipei	2.94	(0.06)	2.84	(0.07)	0.10	(0.08)	0.83	(0.03)	0.72	(0.03)	**0.09**	(0.03)
	Thailand	3.64	(0.06)	3.93	(0.06)	**-0.29**	(0.09)	0.96	(0.05)	0.87	(0.04)	0.09	(0.06)
	Tunisia	2.48	(0.07)	2.75	(0.06)	**-0.26**	(0.07)	1.89	(0.04)	1.96	(0.04)	-0.06	(0.06)
	Uruguay	2.21	(0.06)	2.58	(0.05)	**-0.37**	(0.07)	0.59	(0.02)	0.63	(0.03)	-0.02	(0.04)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



[Part 2/3]
Table 3.6a Mean learning hours and allocation of total learning time in science, by gender

		Mean learning hours per week											
		Individual study						Total learning hours					
		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	1.17	(0.03)	1.18	(0.03)	-0.02	(0.03)	4.74	(0.06)	4.80	(0.06)	-0.06	(0.08)
	Austria	1.27	(0.05)	1.28	(0.04)	-0.01	(0.05)	3.88	(0.14)	4.05	(0.09)	-0.16	(0.14)
	Belgium	1.14	(0.03)	1.37	(0.03)	**-0.24**	(0.04)	3.99	(0.09)	4.41	(0.07)	**-0.42**	(0.11)
	Canada	1.35	(0.03)	1.76	(0.03)	**-0.41**	(0.04)	5.75	(0.07)	6.50	(0.07)	**-0.75**	(0.09)
	Czech Republic	0.89	(0.03)	1.15	(0.05)	**-0.26**	(0.05)	4.03	(0.11)	5.03	(0.17)	**-1.00**	(0.20)
	Denmark	1.07	(0.03)	1.11	(0.03)	-0.04	(0.03)	4.96	(0.08)	5.16	(0.08)	**-0.20**	(0.09)
	Finland	0.97	(0.02)	1.17	(0.03)	**-0.19**	(0.03)	4.22	(0.07)	4.81	(0.08)	**-0.60**	(0.08)
	France	1.22	(0.05)	1.39	(0.04)	**-0.17**	(0.05)	4.54	(0.11)	4.89	(0.09)	**-0.35**	(0.13)
	Germany	1.61	(0.04)	1.80	(0.03)	**-0.19**	(0.04)	5.07	(0.09)	5.50	(0.08)	**-0.43**	(0.10)
	Greece	1.85	(0.05)	1.84	(0.04)	0.01	(0.06)	6.81	(0.13)	7.22	(0.12)	**-0.41**	(0.14)
	Hungary	1.49	(0.04)	1.72	(0.04)	**-0.23**	(0.05)	4.87	(0.10)	5.35	(0.10)	**-0.48**	(0.11)
	Iceland	1.14	(0.03)	1.19	(0.02)	-0.06	(0.04)	4.34	(0.06)	4.51	(0.05)	-0.16	(0.09)
	Ireland	1.20	(0.03)	1.21	(0.04)	-0.02	(0.05)	4.08	(0.09)	4.03	(0.09)	0.05	(0.11)
	Italy	2.04	(0.04)	2.15	(0.05)	**-0.11**	(0.04)	5.70	(0.09)	5.47	(0.13)	**0.23**	(0.11)
	Japan	0.72	(0.02)	0.66	(0.03)	**0.07**	(0.03)	3.78	(0.08)	3.51	(0.09)	**0.27**	(0.09)
	Korea	1.23	(0.09)	1.21	(0.04)	0.01	(0.08)	5.93	(0.20)	5.74	(0.15)	0.19	(0.22)
	Luxembourg	1.16	(0.03)	1.33	(0.03)	**-0.17**	(0.05)	3.85	(0.07)	4.32	(0.06)	**-0.47**	(0.10)
	Mexico	2.05	(0.04)	2.19	(0.03)	**-0.14**	(0.05)	6.21	(0.10)	6.27	(0.07)	-0.06	(0.10)
	Netherlands	1.18	(0.03)	1.24	(0.03)	-0.06	(0.04)	3.93	(0.08)	3.87	(0.08)	0.06	(0.10)
	New Zealand	1.20	(0.03)	1.35	(0.04)	**-0.16**	(0.05)	5.60	(0.09)	5.87	(0.08)	**-0.27**	(0.11)
	Norway	1.20	(0.02)	1.25	(0.03)	-0.05	(0.03)	4.76	(0.06)	4.83	(0.07)	-0.08	(0.08)
	Poland	1.66	(0.03)	2.37	(0.03)	**-0.71**	(0.04)	4.71	(0.07)	6.00	(0.09)	**-1.29**	(0.09)
	Portugal	1.85	(0.05)	2.31	(0.04)	**-0.46**	(0.06)	5.57	(0.10)	6.26	(0.09)	**-0.69**	(0.12)
	Slovak Republic	1.22	(0.04)	1.57	(0.06)	**-0.36**	(0.06)	4.00	(0.13)	5.04	(0.15)	**-1.04**	(0.15)
	Spain	1.53	(0.03)	1.95	(0.04)	**-0.42**	(0.03)	5.20	(0.08)	5.91	(0.09)	**-0.71**	(0.09)
	Sweden	1.09	(0.03)	1.21	(0.03)	**-0.12**	(0.03)	4.37	(0.06)	4.53	(0.06)	**-0.16**	(0.07)
	Switzerland	1.06	(0.02)	1.18	(0.03)	**-0.12**	(0.04)	3.69	(0.07)	4.05	(0.08)	**-0.36**	(0.10)
	Turkey	1.55	(0.05)	1.75	(0.07)	**-0.19**	(0.06)	5.68	(0.19)	5.96	(0.21)	-0.27	(0.18)
	United Kingdom	1.40	(0.03)	1.49	(0.03)	**-0.09**	(0.03)	6.16	(0.06)	6.20	(0.07)	-0.04	(0.08)
	United States	1.56	(0.03)	1.81	(0.04)	**-0.25**	(0.05)	5.83	(0.08)	6.18	(0.08)	**-0.35**	(0.10)
	OECD average	1.34	(0.01)	1.51	(0.01)	**-0.17**	(0.01)	4.88	(0.02)	5.21	(0.02)	**-0.33**	(0.02)
Partners	Argentina	1.40	(0.05)	1.76	(0.05)	**-0.37**	(0.05)	3.98	(0.10)	4.61	(0.13)	**-0.63**	(0.15)
	Azerbaijan	2.48	(0.05)	2.80	(0.06)	**-0.32**	(0.06)	6.64	(0.11)	7.03	(0.14)	**-0.39**	(0.15)
	Brazil	1.60	(0.03)	1.79	(0.04)	**-0.19**	(0.05)	4.64	(0.07)	4.75	(0.08)	-0.11	(0.10)
	Bulgaria	1.76	(0.06)	2.26	(0.08)	**-0.50**	(0.07)	5.09	(0.12)	6.22	(0.18)	**-1.13**	(0.16)
	Chile	1.43	(0.03)	1.63	(0.04)	**-0.20**	(0.05)	4.50	(0.08)	4.93	(0.12)	**-0.44**	(0.14)
	Colombia	1.68	(0.05)	1.95	(0.05)	**-0.28**	(0.07)	6.05	(0.15)	6.48	(0.24)	-0.43	(0.23)
	Croatia	1.25	(0.04)	1.67	(0.05)	**-0.43**	(0.05)	3.53	(0.10)	4.31	(0.11)	**-0.78**	(0.11)
	Estonia	1.36	(0.04)	1.73	(0.03)	**-0.37**	(0.05)	5.12	(0.09)	6.04	(0.08)	**-0.92**	(0.12)
	Hong Kong-China	1.54	(0.04)	1.35	(0.05)	**0.19**	(0.07)	5.91	(0.13)	5.01	(0.13)	**0.90**	(0.18)
	Indonesia	1.64	(0.04)	1.93	(0.04)	**-0.30**	(0.05)	5.86	(0.12)	6.24	(0.15)	**-0.38**	(0.15)
	Israel	1.36	(0.06)	1.35	(0.04)	0.01	(0.07)	4.60	(0.14)	4.89	(0.13)	-0.29	(0.18)
	Jordan	2.43	(0.04)	2.85	(0.07)	**-0.42**	(0.08)	6.95	(0.11)	7.82	(0.13)	**-0.87**	(0.16)
	Kyrgyzstan	1.88	(0.05)	2.35	(0.05)	**-0.47**	(0.07)	5.15	(0.11)	6.03	(0.11)	**-0.88**	(0.13)
	Latvia	1.57	(0.04)	2.02	(0.05)	**-0.45**	(0.06)	4.84	(0.10)	5.73	(0.11)	**-0.88**	(0.12)
	Liechtenstein	1.19	(0.11)	1.20	(0.08)	-0.01	(0.14)	4.30	(0.21)	4.27	(0.16)	0.03	(0.31)
	Lithuania	1.47	(0.04)	1.91	(0.04)	**-0.43**	(0.05)	4.41	(0.08)	5.47	(0.08)	**-1.05**	(0.10)
	Macao-China	1.33	(0.03)	1.42	(0.03)	**-0.09**	(0.04)	6.07	(0.08)	6.14	(0.09)	-0.06	(0.12)
	Montenegro	2.01	(0.04)	2.40	(0.04)	**-0.38**	(0.06)	5.68	(0.10)	6.49	(0.10)	**-0.82**	(0.15)
	Qatar	2.01	(0.04)	2.06	(0.03)	-0.04	(0.05)	6.19	(0.09)	6.22	(0.08)	-0.03	(0.12)
	Romania	1.53	(0.05)	1.70	(0.07)	**-0.17**	(0.07)	4.74	(0.11)	5.01	(0.15)	**-0.27**	(0.14)
	Russian Federation	2.57	(0.07)	3.14	(0.06)	**-0.57**	(0.06)	7.15	(0.15)	8.25	(0.15)	**-1.10**	(0.13)
	Serbia	1.49	(0.05)	1.93	(0.05)	**-0.44**	(0.06)	4.85	(0.11)	5.86	(0.10)	**-1.01**	(0.13)
	Slovenia	1.34	(0.03)	1.72	(0.03)	**-0.38**	(0.04)	4.44	(0.08)	5.68	(0.06)	**-1.24**	(0.11)
	Chinese Taipei	1.30	(0.04)	1.18	(0.04)	**0.12**	(0.04)	5.11	(0.10)	4.75	(0.13)	**0.36**	(0.13)
	Thailand	1.64	(0.05)	1.92	(0.04)	**-0.28**	(0.06)	6.24	(0.11)	6.73	(0.11)	**-0.49**	(0.18)
	Tunisia	2.48	(0.06)	2.73	(0.04)	**-0.25**	(0.07)	6.83	(0.14)	7.42	(0.11)	**-0.59**	(0.16)
	Uruguay	1.11	(0.04)	1.51	(0.04)	**-0.40**	(0.05)	3.94	(0.09)	4.73	(0.10)	**-0.79**	(0.12)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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[Part 3/3]
Table 3.6a Mean learning hours and allocation of total learning time in science, by gender

		Allocation of total learning time in science for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	70.3	(0.4)	71.6	(0.3)	**-1.4**	(0.5)	7.2	(0.2)	5.3	(0.2)	**1.9**	(0.2)	22.6	(0.3)	23.1	(0.3)	-0.5	(0.4)
	Austria	63.0	(0.9)	65.1	(0.8)	-2.0	(1.1)	5.2	(0.3)	3.3	(0.3)	**1.8**	(0.4)	31.8	(0.8)	31.6	(0.7)	0.2	(0.9)
	Belgium	63.3	(0.5)	63.7	(0.4)	-0.4	(0.6)	7.8	(0.3)	5.4	(0.2)	**2.5**	(0.4)	28.9	(0.4)	31.0	(0.4)	**-2.1**	(0.5)
	Canada	67.3	(0.4)	65.3	(0.5)	**1.9**	(0.6)	9.0	(0.3)	8.0	(0.2)	**1.0**	(0.3)	23.7	(0.4)	26.7	(0.4)	**-2.9**	(0.5)
	Czech Republic	70.1	(1.0)	67.1	(0.6)	**3.0**	(1.1)	9.6	(0.6)	10.3	(0.4)	-0.7	(0.8)	20.4	(0.6)	22.7	(0.6)	**-2.3**	(0.7)
	Denmark	66.2	(0.6)	67.1	(0.6)	-0.9	(0.7)	13.9	(0.3)	12.2	(0.3)	**1.6**	(0.4)	19.9	(0.5)	20.6	(0.4)	-0.7	(0.5)
	Finland	70.8	(0.6)	71.1	(0.4)	-0.3	(0.7)	6.9	(0.3)	5.0	(0.2)	**2.0**	(0.3)	22.3	(0.4)	23.9	(0.3)	**-1.6**	(0.5)
	France	63.9	(0.6)	61.9	(0.6)	**2.0**	(0.8)	11.1	(0.4)	10.5	(0.4)	0.7	(0.5)	24.9	(0.6)	27.6	(0.5)	**-2.6**	(0.7)
	Germany	57.3	(0.8)	58.6	(0.6)	-1.3	(0.9)	9.5	(0.5)	7.5	(0.3)	**2.1**	(0.5)	33.2	(0.6)	33.9	(0.4)	-0.8	(0.7)
	Greece	45.6	(0.8)	50.9	(0.6)	**-5.3**	(0.9)	27.5	(0.6)	25.0	(0.5)	**2.5**	(0.7)	26.9	(0.6)	24.0	(0.5)	**2.9**	(0.7)
	Hungary	51.4	(0.7)	51.7	(0.7)	-0.3	(0.8)	18.9	(0.6)	16.8	(0.5)	**2.1**	(0.6)	29.8	(0.6)	31.5	(0.4)	**-1.8**	(0.8)
	Iceland	69.2	(0.5)	71.0	(0.5)	**-1.8**	(0.7)	6.0	(0.3)	4.2	(0.2)	**1.8**	(0.4)	24.8	(0.4)	24.8	(0.4)	-0.0	(0.5)
	Ireland	65.5	(0.6)	66.9	(0.6)	-1.4	(0.8)	6.9	(0.4)	5.4	(0.3)	**1.4**	(0.5)	27.6	(0.5)	27.6	(0.5)	-0.0	(0.7)
	Italy	53.9	(0.4)	54.1	(0.4)	-0.1	(0.6)	10.7	(0.3)	7.6	(0.2)	**3.1**	(0.4)	35.4	(0.4)	38.3	(0.3)	**-2.9**	(0.5)
	Japan	77.6	(0.5)	79.2	(0.6)	**-1.6**	(0.6)	6.2	(0.3)	4.2	(0.3)	**2.0**	(0.4)	16.2	(0.4)	16.6	(0.6)	-0.4	(0.6)
	Korea	67.2	(0.9)	67.7	(0.8)	-0.5	(1.1)	14.6	(0.5)	13.0	(0.6)	**1.6**	(0.8)	18.2	(0.6)	19.3	(0.5)	-1.1	(0.7)
	Luxembourg	58.7	(0.5)	61.0	(0.6)	**-2.3**	(0.8)	11.8	(0.4)	8.2	(0.3)	**3.6**	(0.5)	29.5	(0.5)	30.8	(0.5)	-1.3	(0.8)
	Mexico	48.6	(0.5)	48.4	(0.5)	0.2	(0.6)	16.1	(0.4)	13.9	(0.4)	**2.2**	(0.5)	35.3	(0.5)	37.7	(0.4)	**-2.4**	(0.5)
	Netherlands	55.8	(0.8)	57.0	(0.7)	-1.2	(0.9)	14.0	(0.5)	11.0	(0.4)	**3.0**	(0.7)	30.1	(0.5)	32.0	(0.5)	**-1.8**	(0.7)
	New Zealand	73.7	(0.5)	72.6	(0.5)	1.1	(0.7)	6.4	(0.3)	6.0	(0.3)	0.4	(0.4)	19.9	(0.3)	21.4	(0.4)	**-1.5**	(0.5)
	Norway	58.9	(0.6)	60.3	(0.7)	-1.4	(0.8)	18.0	(0.4)	15.7	(0.4)	**2.2**	(0.5)	23.1	(0.3)	23.9	(0.4)	-0.8	(0.5)
	Poland	54.1	(0.6)	52.3	(0.4)	**1.8**	(0.6)	11.5	(0.4)	9.1	(0.3)	**2.5**	(0.4)	34.3	(0.5)	38.7	(0.4)	**-4.3**	(0.5)
	Portugal	56.1	(0.6)	53.2	(0.6)	**2.9**	(0.7)	9.6	(0.4)	9.0	(0.4)	0.6	(0.5)	34.3	(0.6)	37.8	(0.5)	**-3.5**	(0.7)
	Slovak Republic	60.2	(0.8)	57.3	(0.7)	**2.9**	(0.9)	11.1	(0.6)	12.3	(0.5)	-1.1	(0.6)	28.7	(0.6)	30.4	(0.6)	**-1.8**	(0.8)
	Spain	59.5	(0.5)	58.4	(0.4)	1.1	(0.6)	11.5	(0.4)	9.8	(0.4)	**1.7**	(0.4)	29.0	(0.4)	31.8	(0.4)	**-2.8**	(0.5)
	Sweden	67.0	(0.8)	66.3	(0.5)	0.7	(0.8)	9.7	(0.3)	8.6	(0.4)	1.1	(0.6)	23.3	(0.6)	25.0	(0.5)	**-1.8**	(0.5)
	Switzerland	61.1	(0.5)	63.0	(0.5)	**-1.9**	(0.7)	9.5	(0.3)	7.0	(0.3)	**2.5**	(0.4)	29.3	(0.4)	29.9	(0.4)	-0.6	(0.6)
	Turkey	52.4	(0.7)	49.8	(0.9)	**2.6**	(1.2)	20.9	(0.5)	21.0	(0.7)	-0.2	(0.9)	26.8	(0.5)	29.2	(0.7)	**-2.4**	(0.9)
	United Kingdom	70.7	(0.4)	70.7	(0.4)	-0.0	(0.5)	7.4	(0.3)	6.1	(0.2)	**1.3**	(0.3)	21.9	(0.4)	23.2	(0.4)	**-1.2**	(0.4)
	United States	58.4	(0.7)	58.7	(0.6)	-0.2	(0.7)	13.6	(0.7)	11.5	(0.4)	**2.1**	(0.7)	28.0	(0.4)	29.9	(0.5)	**-1.9**	(0.6)
	OECD average	61.9	(0.1)	62.1	(0.1)	-0.1	(0.1)	11.4	(0.1)	9.8	(0.1)	**1.6**	(0.1)	26.7	(0.1)	28.2	(0.1)	**-1.5**	(0.1)
Partners	Argentina	53.2	(1.0)	53.1	(1.0)	0.1	(1.2)	11.6	(0.7)	7.9	(0.5)	**3.7**	(0.9)	35.2	(0.8)	39.0	(0.9)	**-3.8**	(1.1)
	Azerbaijan	41.6	(0.8)	44.6	(0.7)	**-2.9**	(1.0)	21.8	(0.6)	16.8	(0.5)	**5.0**	(0.6)	36.6	(0.5)	38.6	(0.6)	**-2.0**	(0.7)
	Brazil	52.9	(0.6)	48.1	(0.6)	**4.8**	(0.8)	13.6	(0.5)	14.5	(0.5)	-0.9	(0.7)	33.5	(0.5)	37.4	(0.5)	**-3.9**	(0.7)
	Bulgaria	47.4	(1.0)	50.2	(0.7)	**-2.8**	(1.1)	18.5	(0.8)	14.0	(0.6)	**4.5**	(0.8)	34.1	(0.6)	35.8	(0.5)	**-1.7**	(0.8)
	Chile	49.0	(0.6)	49.1	(0.7)	-0.1	(0.7)	16.6	(0.5)	16.2	(0.5)	0.4	(0.6)	34.5	(0.5)	34.8	(0.5)	-0.3	(0.7)
	Colombia	59.6	(0.8)	58.3	(0.7)	1.3	(1.0)	13.3	(0.5)	12.9	(0.4)	0.4	(0.6)	27.1	(0.6)	28.8	(0.6)	**-1.7**	(0.8)
	Croatia	55.1	(0.8)	54.0	(0.6)	1.1	(0.9)	11.1	(0.6)	8.8	(0.4)	**2.3**	(0.7)	33.8	(0.6)	37.2	(0.6)	**-3.4**	(0.8)
	Estonia	61.1	(0.6)	61.9	(0.6)	-0.8	(0.7)	14.1	(0.5)	11.1	(0.4)	**3.0**	(0.6)	24.9	(0.5)	27.0	(0.3)	**-2.1**	(0.6)
	Hong Kong-China	60.3	(0.8)	61.7	(0.6)	-1.5	(0.9)	14.9	(0.5)	12.8	(0.5)	**2.1**	(0.6)	24.9	(0.5)	25.5	(0.5)	-0.6	(0.7)
	Indonesia	56.4	(1.3)	52.7	(0.7)	**3.7**	(1.2)	15.3	(1.0)	15.9	(0.5)	-0.6	(0.8)	28.4	(0.5)	31.4	(0.5)	**-3.1**	(0.6)
	Israel	49.4	(1.1)	58.8	(0.8)	**-9.4**	(1.4)	20.6	(0.6)	16.2	(0.5)	**4.4**	(0.8)	30.0	(0.8)	25.0	(0.6)	**5.0**	(1.0)
	Jordan	39.0	(0.9)	46.4	(0.7)	**-7.5**	(1.1)	24.5	(0.7)	16.5	(0.5)	**8.1**	(0.8)	36.5	(0.6)	37.1	(0.6)	-0.6	(0.8)
	Kyrgyzstan	35.2	(0.8)	35.6	(0.7)	-0.5	(0.9)	27.0	(0.8)	24.9	(0.6)	**2.1**	(0.9)	37.8	(0.7)	39.5	(0.6)	-1.6	(1.1)
	Latvia	56.1	(0.8)	56.1	(0.6)	0.0	(1.0)	12.1	(0.5)	8.9	(0.4)	**3.3**	(0.6)	31.7	(0.6)	35.0	(0.5)	**-3.3**	(0.8)
	Liechtenstein	61.9	(2.4)	61.7	(1.4)	0.2	(2.7)	11.2	(1.6)	9.3	(1.2)	1.9	(2.0)	26.9	(1.9)	29.0	(1.4)	-2.1	(2.0)
	Lithuania	56.9	(0.7)	57.3	(0.5)	-0.4	(0.9)	11.5	(0.4)	8.7	(0.3)	**2.8**	(0.5)	31.6	(0.5)	34.0	(0.4)	**-2.4**	(0.7)
	Macao-China	64.2	(0.6)	65.2	(0.5)	-1.0	(0.8)	15.9	(0.4)	13.1	(0.5)	**2.8**	(0.6)	19.9	(0.5)	21.6	(0.4)	**-1.8**	(0.6)
	Montenegro	46.1	(0.7)	47.5	(0.5)	-1.5	(0.8)	17.6	(0.5)	14.6	(0.4)	**3.0**	(0.7)	36.3	(0.6)	37.9	(0.6)	-1.6	(0.8)
	Qatar	36.9	(0.5)	44.2	(0.5)	**-7.2**	(0.7)	28.2	(0.5)	21.7	(0.4)	**6.5**	(0.6)	34.9	(0.5)	34.1	(0.4)	0.8	(0.6)
	Romania	46.6	(0.9)	49.6	(0.8)	**-3.0**	(1.2)	21.5	(0.7)	17.7	(0.7)	**3.8**	(0.9)	31.9	(0.7)	32.8	(0.6)	-0.8	(0.8)
	Russian Federation	48.6	(0.6)	48.6	(0.6)	-0.0	(0.8)	15.9	(0.6)	14.2	(0.6)	**1.8**	(0.7)	35.5	(0.7)	37.3	(0.5)	**-1.8**	(0.7)
	Serbia	55.4	(0.7)	58.2	(0.6)	**-2.7**	(0.8)	15.6	(0.5)	11.3	(0.5)	**4.2**	(0.6)	29.0	(0.6)	30.5	(0.5)	**-1.5**	(0.7)
	Slovenia	53.2	(0.7)	58.0	(0.5)	**-4.8**	(0.8)	15.3	(0.5)	11.3	(0.4)	**4.1**	(0.6)	31.5	(0.5)	30.8	(0.4)	0.7	(0.6)
	Chinese Taipei	63.0	(0.5)	64.4	(0.5)	**-1.4**	(0.6)	12.9	(0.3)	11.5	(0.3)	**1.5**	(0.4)	24.0	(0.5)	24.1	(0.4)	-0.1	(0.6)
	Thailand	64.5	(0.7)	63.5	(0.4)	0.9	(0.7)	11.2	(0.5)	9.0	(0.4)	**2.2**	(0.6)	24.3	(0.5)	27.5	(0.3)	**-3.1**	(0.5)
	Tunisia	35.9	(0.7)	38.5	(0.4)	**-2.6**	(0.8)	26.8	(0.5)	25.1	(0.5)	**1.7**	(0.7)	37.3	(0.6)	36.4	(0.5)	0.9	(0.7)
	Uruguay	56.5	(0.8)	55.9	(0.6)	0.6	(1.0)	13.0	(0.5)	11.2	(0.5)	**1.8**	(0.7)	30.5	(0.6)	32.9	(0.6)	**-2.4**	(0.8)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



[Part 1/3]
Table 3.6b Mean learning hours and allocation of total learning time in mathematics, by gender

		Mean learning hours per week											
		Regular school lessons						Out-of-school-time lessons					
		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	4.08	(0.04)	4.12	(0.03)	**-0.04**	(0.05)	0.83	(0.02)	0.66	(0.02)	**0.16**	(0.03)
	Austria	3.36	(0.07)	3.07	(0.04)	**0.29**	(0.08)	0.51	(0.03)	0.50	(0.03)	0.01	(0.04)
	Belgium	3.56	(0.05)	3.60	(0.05)	-0.03	(0.06)	0.59	(0.02)	0.51	(0.02)	**0.08**	(0.03)
	Canada	4.35	(0.04)	4.65	(0.05)	**-0.29**	(0.05)	0.91	(0.03)	0.96	(0.02)	-0.06	(0.04)
	Czech Republic	4.11	(0.04)	3.85	(0.07)	**0.26**	(0.06)	0.79	(0.03)	0.72	(0.03)	0.05	(0.04)
	Denmark	4.41	(0.05)	4.46	(0.04)	-0.04	(0.05)	1.37	(0.04)	1.36	(0.04)	0.01	(0.05)
	Finland	3.34	(0.04)	3.55	(0.05)	**-0.21**	(0.04)	0.42	(0.02)	0.32	(0.02)	**0.11**	(0.02)
	France	3.79	(0.04)	3.89	(0.04)	**-0.11**	(0.05)	0.88	(0.03)	0.97	(0.03)	**-0.10**	(0.04)
	Germany	3.79	(0.04)	3.97	(0.04)	**-0.18**	(0.05)	0.83	(0.03)	0.81	(0.03)	0.01	(0.04)
	Greece	3.39	(0.06)	3.51	(0.05)	-0.12	(0.06)	2.21	(0.07)	2.25	(0.06)	-0.01	(0.07)
	Hungary	3.19	(0.05)	3.39	(0.05)	**-0.20**	(0.06)	1.25	(0.03)	1.32	(0.04)	-0.09	(0.05)
	Iceland	4.60	(0.04)	4.89	(0.03)	**-0.29**	(0.05)	0.68	(0.03)	0.75	(0.03)	-0.07	(0.04)
	Ireland	3.63	(0.04)	3.68	(0.04)	-0.05	(0.05)	0.75	(0.03)	0.68	(0.03)	**0.08**	(0.04)
	Italy	3.75	(0.04)	3.73	(0.04)	0.02	(0.04)	0.93	(0.03)	0.84	(0.02)	**0.09**	(0.04)
	Japan	4.24	(0.08)	4.23	(0.11)	0.01	(0.13)	0.76	(0.03)	0.66	(0.04)	**0.09**	(0.04)
	Korea	4.65	(0.06)	4.75	(0.07)	-0.10	(0.09)	2.30	(0.08)	2.25	(0.07)	0.02	(0.12)
	Luxembourg	3.81	(0.04)	3.90	(0.03)	-0.09	(0.05)	0.84	(0.03)	0.82	(0.03)	0.00	(0.04)
	Mexico	3.94	(0.05)	3.95	(0.05)	-0.02	(0.08)	1.25	(0.04)	1.11	(0.04)	**0.13**	(0.04)
	Netherlands	2.94	(0.04)	2.81	(0.05)	**0.13**	(0.06)	0.71	(0.03)	0.66	(0.02)	0.06	(0.03)
	New Zealand	4.28	(0.04)	4.47	(0.03)	**-0.19**	(0.05)	0.71	(0.03)	0.66	(0.03)	0.03	(0.04)
	Norway	3.35	(0.04)	3.43	(0.04)	-0.07	(0.04)	1.11	(0.03)	0.98	(0.03)	**0.14**	(0.04)
	Poland	4.10	(0.05)	4.60	(0.04)	**-0.50**	(0.05)	0.80	(0.03)	0.76	(0.03)	0.04	(0.03)
	Portugal	3.53	(0.05)	3.68	(0.05)	**-0.15**	(0.06)	0.77	(0.03)	0.86	(0.03)	**-0.11**	(0.04)
	Slovak Republic	3.33	(0.06)	3.24	(0.06)	0.08	(0.06)	0.78	(0.03)	0.99	(0.04)	**-0.20**	(0.04)
	Spain	3.32	(0.03)	3.52	(0.04)	**-0.20**	(0.04)	0.93	(0.03)	1.06	(0.03)	**-0.13**	(0.04)
	Sweden	3.09	(0.03)	3.09	(0.03)	0.00	(0.04)	0.63	(0.02)	0.59	(0.02)	0.03	(0.03)
	Switzerland	3.79	(0.04)	3.93	(0.05)	**-0.13**	(0.05)	0.76	(0.03)	0.64	(0.03)	**0.13**	(0.03)
	Turkey	3.74	(0.06)	3.92	(0.09)	-0.18	(0.10)	1.96	(0.05)	2.21	(0.07)	**-0.24**	(0.08)
	United Kingdom	3.77	(0.03)	3.79	(0.04)	-0.02	(0.03)	0.67	(0.02)	0.59	(0.02)	**0.09**	(0.03)
	United States	3.66	(0.06)	3.88	(0.05)	**-0.21**	(0.06)	1.17	(0.04)	1.12	(0.04)	0.05	(0.05)
	OECD average	3.76	(0.01)	3.85	(0.01)	**-0.09**	(0.01)	0.97	(0.01)	0.95	(0.01)	0.01	(0.01)
Partners	Argentina	2.81	(0.07)	3.07	(0.08)	**-0.26**	(0.09)	0.77	(0.04)	0.78	(0.04)	0.01	(0.05)
	Azerbaijan	3.77	(0.07)	3.81	(0.07)	-0.05	(0.09)	1.94	(0.06)	1.44	(0.06)	**0.49**	(0.08)
	Brazil	3.12	(0.05)	3.18	(0.04)	-0.06	(0.05)	1.15	(0.04)	1.26	(0.04)	-0.11	(0.06)
	Bulgaria	2.79	(0.08)	3.17	(0.08)	**-0.38**	(0.08)	1.12	(0.05)	1.16	(0.05)	-0.02	(0.06)
	Chile	3.43	(0.08)	3.55	(0.09)	-0.12	(0.11)	0.96	(0.03)	1.03	(0.04)	-0.07	(0.04)
	Colombia	4.16	(0.09)	4.25	(0.06)	-0.09	(0.09)	1.26	(0.05)	1.20	(0.04)	0.04	(0.08)
	Croatia	3.00	(0.05)	3.09	(0.05)	-0.09	(0.06)	0.74	(0.03)	0.79	(0.04)	-0.03	(0.05)
	Estonia	3.97	(0.05)	4.43	(0.04)	**-0.46**	(0.05)	0.98	(0.05)	1.00	(0.04)	-0.02	(0.07)
	Hong Kong-China	5.18	(0.05)	5.27	(0.06)	-0.09	(0.07)	1.44	(0.05)	1.35	(0.04)	0.08	(0.07)
	Indonesia	4.05	(0.10)	4.12	(0.07)	-0.07	(0.08)	1.31	(0.05)	1.42	(0.05)	**-0.15**	(0.05)
	Israel	3.89	(0.06)	4.34	(0.05)	**-0.44**	(0.08)	2.07	(0.06)	2.23	(0.06)	-0.11	(0.08)
	Jordan	3.22	(0.07)	3.72	(0.06)	**-0.50**	(0.10)	1.97	(0.06)	1.68	(0.05)	**0.29**	(0.09)
	Kyrgyzstan	2.61	(0.06)	3.10	(0.07)	**-0.50**	(0.07)	1.48	(0.05)	1.61	(0.05)	-0.12	(0.06)
	Latvia	4.34	(0.05)	4.63	(0.05)	**-0.29**	(0.05)	1.20	(0.05)	1.19	(0.05)	0.02	(0.05)
	Liechtenstein	3.84	(0.14)	4.10	(0.10)	-0.26	(0.18)	0.65	(0.08)	0.52	(0.05)	0.16	(0.11)
	Lithuania	3.25	(0.05)	3.76	(0.04)	**-0.51**	(0.05)	0.73	(0.03)	0.74	(0.03)	-0.01	(0.04)
	Macao-China	5.25	(0.05)	5.56	(0.04)	**-0.31**	(0.06)	1.26	(0.04)	1.15	(0.05)	0.13	(0.07)
	Montenegro	3.09	(0.05)	3.09	(0.05)	-0.00	(0.06)	0.98	(0.04)	0.87	(0.03)	**0.14**	(0.06)
	Qatar	3.10	(0.04)	3.13	(0.04)	-0.03	(0.06)	2.07	(0.04)	1.65	(0.03)	**0.43**	(0.06)
	Romania	2.96	(0.08)	3.05	(0.08)	-0.10	(0.08)	1.47	(0.04)	1.53	(0.04)	-0.05	(0.05)
	Russian Federation	3.50	(0.05)	3.75	(0.07)	**-0.25**	(0.06)	1.13	(0.05)	1.13	(0.03)	0.01	(0.05)
	Serbia	3.23	(0.05)	3.32	(0.04)	**-0.10**	(0.05)	1.02	(0.03)	0.92	(0.03)	**0.10**	(0.04)
	Slovenia	3.04	(0.04)	3.60	(0.04)	**-0.55**	(0.06)	1.00	(0.03)	1.05	(0.03)	-0.03	(0.05)
	Chinese Taipei	4.25	(0.06)	4.26	(0.08)	-0.00	(0.09)	1.57	(0.04)	1.48	(0.05)	0.04	(0.06)
	Thailand	3.60	(0.06)	3.91	(0.05)	**-0.31**	(0.09)	0.94	(0.05)	0.91	(0.04)	0.04	(0.06)
	Tunisia	3.32	(0.06)	3.46	(0.07)	-0.14	(0.09)	2.44	(0.05)	2.40	(0.05)	0.04	(0.08)
	Uruguay	3.18	(0.05)	3.44	(0.04)	**-0.26**	(0.06)	0.86	(0.04)	0.81	(0.03)	0.06	(0.05)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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[Part 2/3]
Table 3.6b Mean learning hours and allocation of total learning time in mathematics, by gender

		Mean learning hours per week											
		Individual study						Total learning hours					
		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	1.77	(0.03)	1.81	(0.03)	**-0.04**	(0.04)	6.69	(0.07)	6.60	(0.06)	0.09	(0.09)
	Austria	2.07	(0.05)	2.19	(0.05)	**-0.12**	(0.06)	5.97	(0.12)	5.79	(0.08)	0.18	(0.14)
	Belgium	1.64	(0.03)	1.94	(0.04)	**-0.30**	(0.05)	5.82	(0.08)	6.05	(0.08)	**-0.23**	(0.10)
	Canada	1.73	(0.04)	2.21	(0.04)	**-0.48**	(0.05)	7.04	(0.08)	7.84	(0.08)	**-0.80**	(0.10)
	Czech Republic	1.31	(0.03)	1.32	(0.04)	-0.01	(0.04)	6.19	(0.07)	5.88	(0.10)	**0.31**	(0.09)
	Denmark	1.68	(0.03)	1.81	(0.03)	**-0.13**	(0.04)	7.42	(0.09)	7.62	(0.08)	-0.20	(0.11)
	Finland	1.12	(0.02)	1.29	(0.02)	**-0.17**	(0.03)	4.89	(0.06)	5.15	(0.07)	**-0.26**	(0.06)
	France	1.57	(0.05)	1.89	(0.03)	**-0.32**	(0.05)	6.25	(0.09)	6.74	(0.07)	**-0.50**	(0.11)
	Germany	2.09	(0.04)	2.47	(0.04)	**-0.38**	(0.04)	6.75	(0.08)	7.23	(0.09)	**-0.48**	(0.09)
	Greece	2.07	(0.05)	1.94	(0.04)	**0.13**	(0.06)	7.71	(0.14)	7.70	(0.10)	0.01	(0.14)
	Hungary	1.73	(0.04)	1.96	(0.04)	**-0.24**	(0.05)	6.19	(0.10)	6.67	(0.11)	**-0.48**	(0.12)
	Iceland	1.61	(0.03)	1.81	(0.03)	**-0.20**	(0.05)	6.88	(0.07)	7.46	(0.06)	**-0.58**	(0.09)
	Ireland	1.68	(0.04)	1.84	(0.04)	**-0.16**	(0.06)	6.08	(0.08)	6.19	(0.09)	-0.12	(0.11)
	Italy	2.36	(0.04)	2.60	(0.04)	**-0.24**	(0.04)	7.07	(0.07)	7.16	(0.09)	-0.08	(0.09)
	Japan	1.42	(0.06)	1.53	(0.08)	-0.11	(0.08)	6.43	(0.15)	6.43	(0.20)	-0.01	(0.23)
	Korea	2.29	(0.10)	2.33	(0.07)	-0.04	(0.11)	9.29	(0.20)	9.34	(0.17)	-0.05	(0.27)
	Luxembourg	1.61	(0.04)	1.82	(0.03)	**-0.21**	(0.05)	6.31	(0.07)	6.54	(0.06)	**-0.23**	(0.09)
	Mexico	2.21	(0.04)	2.31	(0.04)	**-0.10**	(0.05)	7.35	(0.10)	7.35	(0.08)	-0.00	(0.12)
	Netherlands	1.42	(0.03)	1.53	(0.04)	**-0.11**	(0.04)	5.07	(0.08)	4.97	(0.09)	0.10	(0.10)
	New Zealand	1.52	(0.04)	1.65	(0.04)	**-0.13**	(0.06)	6.53	(0.08)	6.77	(0.07)	**-0.24**	(0.11)
	Norway	1.35	(0.03)	1.45	(0.04)	**-0.10**	(0.05)	5.80	(0.07)	5.87	(0.08)	-0.07	(0.08)
	Poland	1.81	(0.03)	2.37	(0.04)	**-0.56**	(0.04)	6.70	(0.08)	7.74	(0.07)	**-1.04**	(0.08)
	Portugal	1.74	(0.05)	2.18	(0.04)	**-0.44**	(0.06)	6.04	(0.10)	6.70	(0.08)	**-0.66**	(0.12)
	Slovak Republic	1.57	(0.05)	1.81	(0.04)	**-0.25**	(0.06)	5.69	(0.12)	6.06	(0.12)	**-0.36**	(0.13)
	Spain	1.74	(0.03)	2.18	(0.04)	**-0.44**	(0.04)	6.05	(0.07)	6.77	(0.06)	**-0.72**	(0.07)
	Sweden	1.12	(0.03)	1.25	(0.03)	**-0.13**	(0.03)	4.84	(0.06)	4.92	(0.05)	-0.08	(0.07)
	Switzerland	1.61	(0.03)	1.77	(0.03)	**-0.16**	(0.04)	6.19	(0.07)	6.34	(0.08)	-0.16	(0.09)
	Turkey	2.15	(0.05)	2.49	(0.07)	**-0.35**	(0.07)	7.81	(0.14)	8.59	(0.21)	**-0.78**	(0.21)
	United Kingdom	1.45	(0.02)	1.53	(0.03)	**-0.08**	(0.03)	5.89	(0.06)	5.90	(0.06)	-0.01	(0.06)
	United States	1.88	(0.04)	2.22	(0.04)	**-0.34**	(0.05)	6.80	(0.08)	7.21	(0.08)	**-0.40**	(0.10)
	OECD average	1.71	(0.01)	1.92	(0.01)	**-0.21**	(0.01)	6.46	(0.02)	6.72	(0.02)	**-0.26**	(0.02)
Partners	Argentina	1.70	(0.06)	1.93	(0.05)	**-0.23**	(0.07)	5.29	(0.13)	5.78	(0.13)	**-0.49**	(0.15)
	Azerbaijan	3.00	(0.07)	2.88	(0.07)	0.12	(0.08)	8.74	(0.18)	8.23	(0.15)	**0.51**	(0.19)
	Brazil	1.65	(0.04)	1.92	(0.04)	**-0.27**	(0.05)	5.91	(0.09)	6.34	(0.09)	**-0.43**	(0.11)
	Bulgaria	1.87	(0.07)	2.31	(0.08)	**-0.44**	(0.08)	5.83	(0.16)	6.64	(0.18)	**-0.81**	(0.17)
	Chile	1.60	(0.04)	1.61	(0.05)	-0.01	(0.05)	6.05	(0.11)	6.20	(0.14)	-0.15	(0.16)
	Colombia	1.91	(0.04)	1.95	(0.05)	-0.04	(0.07)	7.33	(0.13)	7.41	(0.11)	-0.08	(0.17)
	Croatia	1.65	(0.04)	1.96	(0.04)	**-0.31**	(0.05)	5.45	(0.08)	5.86	(0.08)	**-0.41**	(0.11)
	Estonia	1.70	(0.04)	2.23	(0.04)	**-0.53**	(0.06)	6.65	(0.09)	7.66	(0.09)	**-1.01**	(0.12)
	Hong Kong-China	2.17	(0.05)	2.30	(0.05)	-0.13	(0.07)	8.81	(0.11)	8.92	(0.11)	-0.12	(0.14)
	Indonesia	1.80	(0.04)	2.19	(0.04)	**-0.39**	(0.05)	7.16	(0.13)	7.73	(0.11)	**-0.58**	(0.11)
	Israel	2.26	(0.08)	2.39	(0.07)	-0.13	(0.10)	8.40	(0.17)	8.96	(0.13)	**-0.55**	(0.21)
	Jordan	2.56	(0.05)	2.81	(0.06)	**-0.25**	(0.08)	7.72	(0.12)	8.18	(0.12)	**-0.46**	(0.18)
	Kyrgyzstan	1.96	(0.05)	2.43	(0.05)	**-0.47**	(0.07)	6.19	(0.12)	7.14	(0.13)	**-0.95**	(0.16)
	Latvia	2.25	(0.05)	2.62	(0.05)	**-0.37**	(0.06)	7.80	(0.11)	8.46	(0.10)	**-0.66**	(0.12)
	Liechtenstein	1.41	(0.11)	1.56	(0.08)	-0.15	(0.14)	5.94	(0.23)	6.14	(0.13)	-0.20	(0.28)
	Lithuania	1.56	(0.04)	2.01	(0.04)	**-0.44**	(0.06)	5.55	(0.08)	6.49	(0.07)	**-0.94**	(0.10)
	Macao-China	1.87	(0.04)	2.27	(0.04)	**-0.40**	(0.06)	8.38	(0.08)	8.98	(0.09)	**-0.60**	(0.12)
	Montenegro	2.02	(0.05)	2.05	(0.04)	-0.03	(0.06)	6.07	(0.10)	5.98	(0.09)	0.09	(0.13)
	Qatar	2.24	(0.04)	2.21	(0.03)	0.03	(0.05)	7.44	(0.09)	7.00	(0.08)	**0.44**	(0.13)
	Romania	2.08	(0.05)	2.24	(0.05)	**-0.16**	(0.07)	6.53	(0.15)	6.81	(0.13)	-0.28	(0.16)
	Russian Federation	2.06	(0.06)	2.38	(0.05)	**-0.31**	(0.06)	6.70	(0.11)	7.26	(0.11)	**-0.55**	(0.10)
	Serbia	1.72	(0.04)	1.92	(0.04)	**-0.20**	(0.06)	5.96	(0.09)	6.16	(0.09)	-0.20	(0.11)
	Slovenia	1.74	(0.03)	2.10	(0.03)	**-0.37**	(0.04)	5.81	(0.08)	6.76	(0.06)	**-0.95**	(0.10)
	Chinese Taipei	1.85	(0.05)	1.90	(0.05)	-0.05	(0.06)	7.76	(0.13)	7.67	(0.16)	0.09	(0.18)
	Thailand	1.61	(0.05)	1.95	(0.03)	**-0.34**	(0.06)	6.14	(0.11)	6.76	(0.11)	**-0.62**	(0.18)
	Tunisia	2.48	(0.06)	2.65	(0.05)	**-0.17**	(0.07)	8.24	(0.14)	8.50	(0.14)	-0.27	(0.19)
	Uruguay	1.43	(0.04)	1.70	(0.04)	**-0.27**	(0.06)	5.50	(0.11)	5.97	(0.08)	**-0.47**	(0.13)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



[Part 3/3]

Table 3.6b Mean learning hours and allocation of total learning time in mathematics, by gender

		Allocation of total learning time in mathematics for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	65.5	(0.4)	66.1	(0.3)	**-0.6**	(0.5)	10.2	(0.3)	8.3	(0.2)	**1.8**	(0.3)	24.4	(0.3)	25.6	(0.3)	**-1.2**	(0.4)
	Austria	60.2	(0.6)	56.8	(0.6)	**3.4**	(0.7)	6.6	(0.3)	6.7	(0.4)	-0.1	(0.5)	33.2	(0.5)	36.6	(0.5)	**-3.3**	(0.6)
	Belgium	64.2	(0.4)	62.0	(0.4)	**2.2**	(0.5)	8.6	(0.3)	7.3	(0.3)	**1.3**	(0.3)	27.2	(0.3)	30.7	(0.4)	**-3.5**	(0.5)
	Canada	64.8	(0.4)	62.0	(0.4)	**2.8**	(0.5)	11.7	(0.2)	11.2	(0.3)	0.5	(0.3)	23.6	(0.3)	26.9	(0.3)	**-3.3**	(0.4)
	Czech Republic	71.3	(0.5)	69.1	(0.6)	**2.2**	(0.7)	9.9	(0.3)	9.7	(0.3)	0.3	(0.5)	18.8	(0.4)	21.2	(0.5)	**-2.4**	(0.6)
	Denmark	62.7	(0.4)	62.0	(0.4)	0.6	(0.5)	16.4	(0.3)	15.6	(0.3)	0.7	(0.4)	21.0	(0.2)	22.3	(0.3)	**-1.3**	(0.4)
	Finland	71.0	(0.5)	71.2	(0.4)	-0.2	(0.6)	7.0	(0.3)	4.9	(0.2)	**2.1**	(0.3)	22.0	(0.4)	23.9	(0.3)	**-1.9**	(0.4)
	France	64.3	(0.5)	61.0	(0.4)	**3.3**	(0.7)	12.6	(0.3)	12.7	(0.3)	-0.1	(0.5)	23.1	(0.5)	26.4	(0.3)	**-3.3**	(0.5)
	Germany	59.0	(0.5)	57.8	(0.4)	**1.3**	(0.6)	10.4	(0.4)	9.2	(0.3)	**1.2**	(0.5)	30.6	(0.4)	33.1	(0.3)	**-2.5**	(0.5)
	Greece	48.4	(0.7)	50.3	(0.6)	**-1.9**	(0.8)	25.7	(0.6)	26.2	(0.6)	-0.5	(0.7)	25.9	(0.5)	23.4	(0.4)	**2.5**	(0.6)
	Hungary	54.6	(0.6)	54.0	(0.5)	0.6	(0.7)	17.9	(0.4)	17.6	(0.4)	0.3	(0.5)	27.5	(0.4)	28.4	(0.4)	-0.9	(0.5)
	Iceland	70.0	(0.5)	68.8	(0.3)	**1.2**	(0.5)	8.4	(0.3)	8.5	(0.3)	-0.1	(0.4)	21.5	(0.3)	22.7	(0.3)	**-1.1**	(0.4)
	Ireland	63.7	(0.6)	63.6	(0.5)	0.1	(0.8)	10.2	(0.3)	8.7	(0.4)	**1.5**	(0.5)	26.1	(0.5)	27.7	(0.4)	**-1.6**	(0.7)
	Italy	55.2	(0.4)	54.9	(0.3)	0.3	(0.5)	11.8	(0.3)	9.7	(0.2)	**2.1**	(0.4)	33.0	(0.3)	35.4	(0.2)	**-2.4**	(0.4)
	Japan	72.2	(0.6)	71.2	(0.7)	1.1	(0.7)	9.2	(0.4)	8.1	(0.4)	**1.2**	(0.4)	18.5	(0.5)	20.7	(0.5)	**-2.2**	(0.5)
	Korea	57.0	(0.8)	57.0	(0.6)	0.0	(1.2)	21.2	(0.5)	20.6	(0.5)	0.6	(0.8)	21.8	(0.6)	22.4	(0.4)	-0.6	(0.7)
	Luxembourg	64.1	(0.5)	62.5	(0.4)	**1.6**	(0.6)	11.4	(0.4)	10.9	(0.3)	0.5	(0.5)	24.5	(0.4)	26.7	(0.4)	**-2.2**	(0.5)
	Mexico	54.1	(0.5)	54.8	(0.5)	-0.7	(0.6)	15.5	(0.4)	13.4	(0.4)	**2.1**	(0.4)	30.4	(0.4)	31.8	(0.4)	**-1.4**	(0.5)
	Netherlands	61.2	(0.6)	58.7	(0.5)	**2.5**	(0.7)	12.2	(0.4)	11.9	(0.4)	0.3	(0.5)	26.6	(0.4)	29.4	(0.5)	**-2.8**	(0.5)
	New Zealand	69.7	(0.6)	69.5	(0.5)	0.2	(0.7)	8.9	(0.4)	8.1	(0.3)	0.8	(0.4)	21.4	(0.4)	22.4	(0.4)	-1.0	(0.5)
	Norway	61.8	(0.6)	62.6	(0.6)	-0.8	(0.7)	17.1	(0.4)	14.7	(0.4)	**2.4**	(0.4)	21.1	(0.4)	22.7	(0.4)	**-1.6**	(0.6)
	Poland	62.9	(0.4)	62.1	(0.4)	0.8	(0.5)	11.2	(0.4)	9.0	(0.3)	**2.2**	(0.4)	25.9	(0.3)	28.9	(0.3)	**-3.0**	(0.5)
	Portugal	60.8	(0.5)	57.0	(0.6)	**3.8**	(0.7)	11.6	(0.4)	11.6	(0.4)	-0.1	(0.5)	27.6	(0.4)	31.4	(0.5)	**-3.8**	(0.6)
	Slovak Republic	63.6	(0.7)	57.5	(0.7)	**6.0**	(0.9)	11.3	(0.4)	13.9	(0.4)	**-2.6**	(0.5)	25.1	(0.5)	28.6	(0.5)	**-3.5**	(0.7)
	Spain	59.1	(0.4)	56.3	(0.4)	**2.9**	(0.5)	13.1	(0.3)	13.0	(0.4)	0.1	(0.4)	27.8	(0.4)	30.7	(0.4)	**-2.9**	(0.4)
	Sweden	69.1	(0.8)	67.1	(0.4)	**2.0**	(0.8)	10.1	(0.4)	9.7	(0.3)	0.4	(0.5)	20.8	(0.5)	23.2	(0.4)	**-2.4**	(0.5)
	Switzerland	63.1	(0.4)	64.1	(0.4)	**-1.0**	(0.5)	10.6	(0.4)	8.6	(0.3)	**2.0**	(0.4)	26.3	(0.3)	27.4	(0.3)	**-1.1**	(0.4)
	Turkey	52.4	(0.6)	48.8	(0.6)	**3.6**	(0.8)	21.9	(0.5)	23.6	(0.6)	**-1.7**	(0.8)	25.7	(0.4)	27.6	(0.4)	**-1.9**	(0.5)
	United Kingdom	67.1	(0.4)	67.2	(0.4)	-0.1	(0.5)	9.6	(0.3)	8.2	(0.3)	**1.4**	(0.4)	23.3	(0.3)	24.6	(0.3)	**-1.3**	(0.3)
	United States	55.8	(0.6)	55.0	(0.5)	0.7	(0.6)	16.3	(0.6)	14.4	(0.4)	**1.9**	(0.5)	27.9	(0.4)	30.5	(0.3)	**-2.6**	(0.5)
	OECD average	62.3	(0.1)	61.0	(0.1)	**1.3**	(0.1)	12.6	(0.1)	11.9	(0.1)	**0.8**	(0.1)	25.1	(0.1)	27.1	(0.1)	**-2.0**	(0.1)
Partners	Argentina	55.0	(0.9)	54.9	(0.8)	0.1	(1.2)	12.8	(0.6)	12.0	(0.6)	0.7	(0.7)	32.2	(0.8)	33.0	(0.7)	-0.8	(1.3)
	Azerbaijan	44.9	(0.7)	49.5	(0.8)	-4.7	(1.0)	21.0	(0.5)	16.0	(0.5)	5.0	(0.7)	34.1	(0.6)	34.4	(0.6)	-0.3	(0.7)
	Brazil	56.0	(0.7)	53.1	(0.6)	3.0	(0.8)	17.1	(0.6)	17.5	(0.4)	-0.5	(0.7)	26.9	(0.5)	29.4	(0.5)	**-2.5**	(0.6)
	Bulgaria	51.3	(0.9)	51.1	(0.6)	0.2	(1.0)	17.5	(0.8)	15.3	(0.4)	2.2	(0.8)	31.2	(0.6)	33.6	(0.5)	**-2.3**	(0.7)
	Chile	56.4	(0.6)	57.4	(0.7)	-1.0	(0.8)	15.1	(0.4)	15.1	(0.4)	-0.1	(0.5)	28.5	(0.4)	27.5	(0.6)	1.1	(0.7)
	Colombia	59.7	(0.7)	61.6	(0.7)	-1.9	(0.9)	14.9	(0.4)	13.7	(0.5)	1.2	(0.6)	25.4	(0.5)	24.7	(0.4)	0.7	(0.6)
	Croatia	59.4	(0.6)	57.3	(0.6)	2.1	(0.8)	11.9	(0.4)	11.1	(0.4)	0.8	(0.5)	28.7	(0.5)	31.6	(0.5)	**-2.9**	(0.6)
	Estonia	63.1	(0.6)	61.3	(0.5)	1.8	(0.7)	13.1	(0.5)	11.6	(0.4)	1.5	(0.7)	23.8	(0.4)	27.1	(0.4)	**-3.3**	(0.6)
	Hong Kong-China	62.5	(0.7)	62.6	(0.5)	-0.1	(0.8)	14.6	(0.4)	13.5	(0.4)	1.1	(0.5)	22.8	(0.4)	23.8	(0.4)	-1.0	(0.5)
	Indonesia	58.9	(0.7)	55.4	(0.7)	3.5	(0.9)	16.2	(0.6)	16.5	(0.5)	-0.3	(0.6)	24.9	(0.3)	28.1	(0.4)	**-3.1**	(0.5)
	Israel	49.6	(0.9)	53.1	(0.8)	-3.5	(1.2)	24.0	(0.5)	22.3	(0.4)	1.7	(0.7)	26.5	(0.6)	24.6	(0.6)	**1.8**	(0.8)
	Jordan	40.4	(0.8)	45.7	(0.7)	-5.3	(1.1)	25.5	(0.7)	19.5	(0.6)	5.9	(0.9)	34.2	(0.5)	34.8	(0.6)	-0.6	(0.8)
	Kyrgyzstan	41.9	(0.7)	42.1	(0.6)	-0.2	(0.7)	25.2	(0.7)	23.1	(0.6)	2.1	(0.7)	32.9	(0.6)	34.8	(0.5)	**-1.9**	(0.7)
	Latvia	58.8	(0.5)	57.8	(0.4)	1.0	(0.6)	13.9	(0.5)	12.8	(0.4)	1.2	(0.5)	27.3	(0.4)	29.5	(0.4)	**-2.2**	(0.6)
	Liechtenstein	65.9	(1.9)	67.4	(1.2)	-1.6	(2.1)	10.1	(1.1)	7.2	(0.7)	2.9	(1.4)	24.1	(1.5)	25.4	(1.1)	-1.3	(1.7)
	Lithuania	61.1	(0.5)	60.3	(0.5)	0.9	(0.7)	12.5	(0.4)	10.5	(0.4)	2.1	(0.4)	26.3	(0.4)	29.3	(0.4)	**-3.0**	(0.6)
	Macao-China	66.9	(0.5)	65.5	(0.5)	1.4	(0.7)	12.6	(0.4)	11.1	(0.4)	1.5	(0.6)	20.5	(0.4)	23.4	(0.4)	**-2.9**	(0.5)
	Montenegro	52.2	(0.5)	52.7	(0.6)	-0.5	(0.9)	14.0	(0.5)	12.9	(0.5)	1.1	(0.7)	33.8	(0.5)	34.4	(0.6)	-0.6	(0.8)
	Qatar	41.2	(0.5)	45.1	(0.4)	-3.9	(0.6)	27.8	(0.5)	22.8	(0.4)	5.1	(0.6)	31.0	(0.4)	32.1	(0.4)	**-1.1**	(0.5)
	Romania	49.3	(0.7)	49.7	(0.7)	-0.4	(0.7)	20.3	(0.5)	19.2	(0.4)	1.1	(0.6)	30.4	(0.5)	31.1	(0.5)	-0.7	(0.7)
	Russian Federation	54.1	(0.8)	53.8	(0.5)	0.2	(0.8)	16.6	(0.7)	14.9	(0.7)	1.7	(0.7)	29.3	(0.6)	31.3	(0.4)	**-2.0**	(0.6)
	Serbia	59.5	(0.6)	59.1	(0.5)	0.4	(0.7)	14.1	(0.4)	11.9	(0.4)	2.2	(0.5)	26.5	(0.5)	29.0	(0.4)	**-2.6**	(0.6)
	Slovenia	55.0	(0.6)	56.1	(0.4)	-1.1	(0.8)	15.2	(0.3)	13.5	(0.4)	1.7	(0.6)	29.7	(0.5)	30.4	(0.3)	-0.6	(0.6)
	Chinese Taipei	59.3	(0.5)	60.2	(0.5)	-0.9	(0.7)	17.6	(0.3)	16.1	(0.4)	1.6	(0.5)	23.1	(0.3)	23.7	(0.3)	-0.6	(0.5)
	Thailand	64.5	(0.8)	62.6	(0.4)	1.9	(0.8)	11.5	(0.5)	10.0	(0.4)	1.5	(0.6)	24.0	(0.5)	27.4	(0.3)	**-3.4**	(0.5)
	Tunisia	41.6	(0.5)	41.8	(0.6)	-0.2	(0.9)	27.9	(0.4)	26.3	(0.4)	1.6	(0.6)	30.5	(0.6)	31.8	(0.5)	-1.3	(0.9)
	Uruguay	60.7	(0.6)	60.9	(0.5)	-0.2	(0.8)	13.6	(0.5)	11.3	(0.4)	2.3	(0.7)	25.7	(0.5)	27.8	(0.4)	**-2.1**	(0.6)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.6c [Part 1/3] Mean learning hours and allocation of total learning time on the language of instruction, by gender

		Mean learning hours per week											
		Regular school lessons						Out-of-school-time lessons					
		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	3.96	(0.03)	4.17	(0.03)	**-0.21**	(0.04)	0.69	(0.02)	0.63	(0.02)	**0.07**	(0.03)
	Austria	2.77	(0.04)	2.97	(0.05)	**-0.20**	(0.06)	0.29	(0.02)	0.18	(0.02)	**0.10**	(0.03)
	Belgium	3.35	(0.04)	3.63	(0.04)	**-0.28**	(0.05)	0.48	(0.02)	0.43	(0.02)	0.04	(0.03)
	Canada	4.24	(0.04)	4.62	(0.05)	**-0.38**	(0.04)	0.78	(0.02)	0.95	(0.03)	**-0.15**	(0.03)
	Czech Republic	3.67	(0.04)	3.79	(0.06)	-0.12	(0.07)	0.55	(0.02)	0.69	(0.02)	**-0.15**	(0.03)
	Denmark	5.39	(0.04)	5.61	(0.04)	**-0.22**	(0.05)	1.52	(0.04)	1.85	(0.04)	**-0.34**	(0.05)
	Finland	2.98	(0.05)	3.28	(0.05)	**-0.30**	(0.04)	0.36	(0.02)	0.36	(0.02)	0.00	(0.03)
	France	3.91	(0.04)	4.11	(0.04)	**-0.19**	(0.05)	0.70	(0.03)	0.83	(0.03)	**-0.13**	(0.04)
	Germany	3.50	(0.04)	3.82	(0.04)	**-0.32**	(0.05)	0.65	(0.03)	0.57	(0.03)	0.07	(0.04)
	Greece	2.74	(0.06)	3.60	(0.04)	**-0.86**	(0.07)	1.42	(0.04)	1.83	(0.04)	**-0.42**	(0.05)
	Hungary	2.91	(0.05)	3.48	(0.05)	**-0.57**	(0.06)	1.15	(0.03)	1.48	(0.04)	**-0.35**	(0.05)
	Iceland	4.37	(0.04)	4.68	(0.03)	**-0.31**	(0.06)	0.53	(0.03)	0.40	(0.02)	**0.14**	(0.03)
	Ireland	3.47	(0.04)	3.62	(0.04)	**-0.15**	(0.05)	0.69	(0.03)	0.58	(0.03)	**0.10**	(0.04)
	Italy	4.36	(0.04)	4.87	(0.04)	**-0.51**	(0.05)	0.82	(0.03)	0.77	(0.02)	0.03	(0.04)
	Japan	3.73	(0.06)	3.90	(0.05)	**-0.17**	(0.08)	0.47	(0.02)	0.38	(0.02)	**0.08**	(0.03)
	Korea	4.43	(0.06)	4.52	(0.06)	-0.09	(0.09)	1.49	(0.06)	1.40	(0.05)	0.07	(0.08)
	Luxembourg	3.32	(0.04)	3.69	(0.03)	**-0.37**	(0.04)	0.64	(0.03)	0.55	(0.02)	**0.09**	(0.04)
	Mexico	3.67	(0.05)	3.79	(0.04)	-0.11	(0.06)	1.15	(0.03)	1.06	(0.04)	**0.09**	(0.04)
	Netherlands	2.83	(0.03)	3.01	(0.03)	**-0.18**	(0.04)	0.65	(0.02)	0.64	(0.03)	0.02	(0.04)
	New Zealand	4.27	(0.04)	4.50	(0.04)	**-0.23**	(0.05)	0.67	(0.05)	0.64	(0.02)	0.00	(0.04)
	Norway	3.46	(0.05)	3.74	(0.05)	**-0.28**	(0.05)	1.11	(0.03)	1.20	(0.03)	-0.09	(0.05)
	Poland	4.35	(0.05)	4.92	(0.03)	**-0.57**	(0.05)	0.69	(0.03)	0.72	(0.03)	-0.03	(0.03)
	Portugal	3.16	(0.04)	3.36	(0.03)	**-0.20**	(0.04)	0.56	(0.02)	0.57	(0.03)	-0.03	(0.03)
	Slovak Republic	3.07	(0.06)	3.17	(0.06)	-0.10	(0.06)	0.70	(0.03)	1.08	(0.04)	**-0.36**	(0.04)
	Spain	3.46	(0.04)	3.75	(0.03)	**-0.29**	(0.04)	0.63	(0.03)	0.53	(0.02)	**0.09**	(0.04)
	Sweden	3.07	(0.04)	3.16	(0.03)	**-0.09**	(0.04)	0.64	(0.03)	0.72	(0.03)	**-0.09**	(0.04)
	Switzerland	3.50	(0.05)	3.81	(0.04)	**-0.31**	(0.05)	0.51	(0.02)	0.46	(0.02)	**0.06**	(0.03)
	Turkey	3.81	(0.07)	4.20	(0.08)	**-0.39**	(0.09)	1.64	(0.05)	2.02	(0.06)	**-0.30**	(0.06)
	United Kingdom	3.87	(0.04)	3.92	(0.05)	-0.05	(0.04)	0.62	(0.02)	0.57	(0.02)	0.04	(0.03)
	United States	3.47	(0.06)	3.80	(0.05)	**-0.33**	(0.07)	1.01	(0.04)	1.22	(0.03)	**-0.19**	(0.05)
	OECD average	3.64	(0.01)	3.92	(0.01)	**-0.28**	(0.01)	0.79	(0.01)	0.84	(0.01)	**-0.05**	(0.01)
Partners	Argentina	2.22	(0.05)	2.54	(0.07)	**-0.32**	(0.08)	0.50	(0.03)	0.36	(0.03)	**0.14**	(0.03)
	Azerbaijan	3.59	(0.05)	3.79	(0.06)	**-0.20**	(0.07)	1.89	(0.06)	1.70	(0.06)	**0.15**	(0.07)
	Brazil	3.08	(0.05)	3.12	(0.04)	-0.04	(0.05)	1.08	(0.03)	1.26	(0.03)	**-0.17**	(0.05)
	Bulgaria	2.67	(0.05)	3.16	(0.06)	**-0.49**	(0.08)	1.07	(0.04)	1.11	(0.05)	-0.05	(0.06)
	Chile	3.38	(0.07)	3.52	(0.09)	-0.15	(0.10)	0.94	(0.04)	1.06	(0.04)	**-0.11**	(0.04)
	Colombia	3.83	(0.06)	3.99	(0.06)	**-0.16**	(0.07)	1.11	(0.04)	1.18	(0.04)	-0.08	(0.06)
	Croatia	3.14	(0.04)	3.51	(0.05)	**-0.37**	(0.06)	0.43	(0.03)	0.35	(0.02)	**0.09**	(0.03)
	Estonia	3.24	(0.05)	3.73	(0.04)	**-0.49**	(0.05)	0.87	(0.04)	0.91	(0.04)	-0.04	(0.05)
	Hong Kong-China	5.08	(0.06)	5.29	(0.05)	**-0.21**	(0.07)	0.87	(0.04)	0.75	(0.04)	0.10	(0.06)
	Indonesia	3.57	(0.07)	3.71	(0.07)	-0.15	(0.09)	1.26	(0.06)	1.25	(0.05)	-0.04	(0.06)
	Israel	2.77	(0.06)	3.26	(0.06)	**-0.49**	(0.08)	1.31	(0.05)	1.36	(0.04)	-0.03	(0.06)
	Jordan	3.16	(0.08)	3.94	(0.06)	**-0.77**	(0.10)	1.87	(0.06)	1.68	(0.06)	**0.21**	(0.09)
	Kyrgyzstan	2.36	(0.06)	3.05	(0.07)	**-0.69**	(0.07)	1.50	(0.04)	1.87	(0.05)	**-0.38**	(0.06)
	Latvia	3.59	(0.05)	3.80	(0.04)	**-0.21**	(0.05)	0.92	(0.04)	0.83	(0.04)	**0.10**	(0.04)
	Liechtenstein	3.45	(0.15)	3.85	(0.10)	**-0.40**	(0.18)	0.36	(0.07)	0.29	(0.04)	0.13	(0.08)
	Lithuania	3.33	(0.05)	3.99	(0.05)	**-0.66**	(0.06)	0.67	(0.03)	0.64	(0.03)	0.01	(0.03)
	Macao-China	5.15	(0.04)	5.49	(0.04)	**-0.34**	(0.06)	1.09	(0.04)	1.02	(0.04)	0.07	(0.06)
	Montenegro	2.75	(0.05)	3.12	(0.05)	**-0.36**	(0.07)	0.73	(0.03)	0.76	(0.03)	-0.04	(0.05)
	Qatar	2.95	(0.04)	2.85	(0.04)	0.10	(0.06)	1.76	(0.04)	1.42	(0.03)	**0.37**	(0.05)
	Romania	3.05	(0.06)	3.54	(0.07)	**-0.50**	(0.07)	1.34	(0.05)	1.69	(0.04)	**-0.33**	(0.07)
	Russian Federation	2.07	(0.04)	2.02	(0.04)	0.04	(0.04)	0.81	(0.03)	0.83	(0.03)	-0.01	(0.03)
	Serbia	3.02	(0.04)	3.34	(0.04)	**-0.32**	(0.04)	0.94	(0.03)	0.92	(0.03)	-0.02	(0.04)
	Slovenia	2.93	(0.04)	3.55	(0.04)	**-0.62**	(0.06)	0.76	(0.02)	0.71	(0.02)	0.05	(0.04)
	Chinese Taipei	4.29	(0.06)	4.45	(0.07)	**-0.16**	(0.08)	0.65	(0.03)	0.74	(0.03)	**-0.11**	(0.04)
	Thailand	3.07	(0.05)	3.13	(0.03)	-0.06	(0.07)	0.71	(0.04)	0.45	(0.02)	**0.25**	(0.04)
	Tunisia	2.78	(0.07)	3.46	(0.06)	**-0.68**	(0.08)	1.66	(0.05)	1.89	(0.06)	**-0.22**	(0.07)
	Uruguay	2.48	(0.04)	2.98	(0.04)	**-0.51**	(0.05)	0.63	(0.04)	0.66	(0.03)	**-0.04**	(0.04)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.6c [Part 2/3] Mean learning hours and allocation of total learning time on the language of instruction, by gender

		Mean learning hours per week											
		Individual study						Total learning hours					
		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	1.59	(0.03)	1.83	(0.02)	**-0.24**	(0.04)	6.24	(0.06)	6.63	(0.06)	**-0.39**	(0.09)
	Austria	1.45	(0.04)	1.65	(0.05)	**-0.20**	(0.05)	4.53	(0.08)	4.79	(0.09)	**-0.27**	(0.11)
	Belgium	1.23	(0.02)	1.48	(0.02)	**-0.26**	(0.03)	5.07	(0.06)	5.54	(0.05)	**-0.47**	(0.07)
	Canada	1.47	(0.03)	2.01	(0.03)	**-0.54**	(0.04)	6.53	(0.07)	7.58	(0.08)	**-1.05**	(0.08)
	Czech Republic	1.06	(0.03)	1.29	(0.04)	**-0.22**	(0.05)	5.28	(0.05)	5.77	(0.08)	**-0.49**	(0.10)
	Denmark	1.94	(0.03)	2.39	(0.04)	**-0.45**	(0.05)	8.83	(0.08)	9.85	(0.09)	**-1.02**	(0.10)
	Finland	0.95	(0.02)	1.32	(0.03)	**-0.37**	(0.03)	4.29	(0.07)	4.96	(0.08)	**-0.66**	(0.06)
	France	1.26	(0.03)	1.75	(0.03)	**-0.50**	(0.04)	5.88	(0.07)	6.70	(0.06)	**-0.82**	(0.09)
	Germany	1.74	(0.03)	2.05	(0.04)	**-0.31**	(0.04)	5.92	(0.07)	6.43	(0.08)	**-0.51**	(0.09)
	Greece	1.64	(0.04)	2.24	(0.04)	**-0.59**	(0.05)	5.82	(0.10)	7.67	(0.09)	**-1.85**	(0.13)
	Hungary	1.61	(0.03)	2.13	(0.04)	**-0.53**	(0.05)	5.69	(0.10)	7.08	(0.11)	**-1.39**	(0.13)
	Iceland	1.43	(0.03)	1.65	(0.02)	**-0.22**	(0.04)	6.33	(0.06)	6.73	(0.05)	**-0.40**	(0.08)
	Ireland	1.61	(0.04)	1.89	(0.04)	**-0.28**	(0.05)	5.78	(0.08)	6.10	(0.08)	**-0.32**	(0.10)
	Italy	2.57	(0.04)	3.33	(0.05)	**-0.76**	(0.05)	7.77	(0.08)	8.96	(0.08)	**-1.19**	(0.09)
	Japan	0.91	(0.04)	0.97	(0.04)	-0.06	(0.04)	5.12	(0.09)	5.26	(0.10)	-0.14	(0.12)
	Korea	1.37	(0.04)	1.44	(0.04)	-0.07	(0.05)	7.32	(0.13)	7.36	(0.13)	-0.04	(0.18)
	Luxembourg	1.28	(0.03)	1.49	(0.03)	**-0.21**	(0.04)	5.25	(0.06)	5.71	(0.05)	**-0.46**	(0.07)
	Mexico	1.96	(0.04)	2.14	(0.03)	**-0.18**	(0.04)	6.76	(0.10)	6.97	(0.08)	**-0.21**	(0.10)
	Netherlands	1.25	(0.03)	1.41	(0.03)	**-0.16**	(0.04)	4.73	(0.06)	5.04	(0.06)	**-0.31**	(0.07)
	New Zealand	1.42	(0.05)	1.72	(0.03)	**-0.30**	(0.06)	6.38	(0.11)	6.85	(0.06)	**-0.47**	(0.13)
	Norway	1.29	(0.03)	1.60	(0.04)	**-0.31**	(0.05)	5.84	(0.08)	6.55	(0.09)	**-0.72**	(0.11)
	Poland	1.83	(0.04)	2.61	(0.03)	**-0.78**	(0.05)	6.86	(0.08)	8.24	(0.06)	**-1.38**	(0.09)
	Portugal	1.54	(0.03)	2.02	(0.04)	**-0.48**	(0.05)	5.28	(0.07)	5.95	(0.07)	**-0.67**	(0.09)
	Slovak Republic	1.48	(0.03)	2.02	(0.05)	**-0.54**	(0.05)	5.26	(0.08)	6.26	(0.11)	**-1.00**	(0.10)
	Spain	1.64	(0.04)	2.14	(0.04)	**-0.50**	(0.04)	5.77	(0.08)	6.43	(0.06)	**-0.67**	(0.09)
	Sweden	1.14	(0.03)	1.39	(0.03)	**-0.25**	(0.04)	4.84	(0.07)	5.28	(0.07)	**-0.43**	(0.08)
	Switzerland	1.32	(0.02)	1.48	(0.02)	**-0.16**	(0.03)	5.35	(0.07)	5.75	(0.06)	**-0.41**	(0.08)
	Turkey	1.94	(0.04)	2.45	(0.07)	**-0.51**	(0.07)	7.37	(0.12)	8.66	(0.17)	**-1.28**	(0.17)
	United Kingdom	1.47	(0.03)	1.70	(0.03)	**-0.22**	(0.04)	5.96	(0.07)	6.19	(0.08)	**-0.23**	(0.09)
	United States	1.60	(0.04)	2.14	(0.04)	**-0.54**	(0.05)	6.14	(0.09)	7.16	(0.09)	**-1.02**	(0.12)
	OECD average	1.50	(0.01)	1.86	(0.01)	**-0.36**	(0.01)	5.94	(0.01)	6.62	(0.02)	**-0.68**	(0.02)
Partners	Argentina	1.47	(0.05)	1.78	(0.05)	**-0.32**	(0.07)	4.18	(0.11)	4.68	(0.10)	**-0.50**	(0.13)
	Azerbaijan	2.94	(0.05)	3.28	(0.07)	**-0.34**	(0.08)	8.48	(0.12)	8.84	(0.15)	**-0.36**	(0.14)
	Brazil	1.61	(0.04)	1.86	(0.03)	**-0.25**	(0.05)	5.76	(0.09)	6.22	(0.08)	**-0.46**	(0.10)
	Bulgaria	1.79	(0.06)	2.33	(0.07)	**-0.53**	(0.07)	5.56	(0.10)	6.61	(0.15)	**-1.05**	(0.16)
	Chile	1.47	(0.03)	1.68	(0.05)	**-0.21**	(0.05)	5.83	(0.09)	6.26	(0.14)	**-0.43**	(0.16)
	Colombia	1.69	(0.04)	1.96	(0.06)	**-0.27**	(0.08)	6.65	(0.08)	7.15	(0.12)	**-0.50**	(0.13)
	Croatia	1.38	(0.03)	1.77	(0.04)	**-0.39**	(0.04)	4.99	(0.07)	5.64	(0.08)	**-0.65**	(0.10)
	Estonia	1.45	(0.04)	1.80	(0.04)	**-0.35**	(0.05)	5.57	(0.08)	6.43	(0.08)	**-0.87**	(0.10)
	Hong Kong-China	1.52	(0.05)	1.76	(0.04)	**-0.25**	(0.06)	7.47	(0.10)	7.80	(0.10)	**-0.33**	(0.12)
	Indonesia	1.68	(0.05)	1.93	(0.03)	**-0.25**	(0.06)	6.49	(0.14)	6.89	(0.10)	**-0.40**	(0.17)
	Israel	1.59	(0.06)	1.72	(0.05)	-0.14	(0.08)	5.73	(0.14)	6.32	(0.11)	**-0.60**	(0.18)
	Jordan	2.45	(0.06)	2.72	(0.06)	**-0.28**	(0.08)	7.48	(0.14)	8.32	(0.11)	**-0.84**	(0.18)
	Kyrgyzstan	1.94	(0.04)	2.67	(0.06)	**-0.74**	(0.07)	5.93	(0.10)	7.61	(0.13)	**-1.68**	(0.14)
	Latvia	1.86	(0.04)	2.15	(0.04)	**-0.29**	(0.04)	6.37	(0.09)	6.78	(0.08)	**-0.41**	(0.09)
	Liechtenstein	1.15	(0.09)	1.31	(0.08)	-0.17	(0.13)	4.97	(0.18)	5.42	(0.14)	-0.44	(0.24)
	Lithuania	1.57	(0.04)	2.07	(0.04)	**-0.50**	(0.05)	5.57	(0.08)	6.71	(0.08)	**-1.14**	(0.11)
	Macao-China	1.41	(0.04)	1.57	(0.04)	**-0.16**	(0.05)	7.65	(0.08)	8.08	(0.08)	**-0.43**	(0.11)
	Montenegro	1.79	(0.05)	2.19	(0.05)	**-0.40**	(0.07)	5.27	(0.10)	6.06	(0.10)	**-0.79**	(0.15)
	Qatar	2.06	(0.04)	2.02	(0.03)	0.04	(0.04)	6.77	(0.09)	6.28	(0.07)	**0.48**	(0.11)
	Romania	1.87	(0.04)	2.51	(0.06)	**-0.64**	(0.08)	6.29	(0.12)	7.73	(0.12)	**-1.44**	(0.16)
	Russian Federation	1.48	(0.05)	1.62	(0.03)	**-0.14**	(0.04)	4.33	(0.08)	4.45	(0.08)	-0.12	(0.07)
	Serbia	1.51	(0.04)	1.89	(0.04)	**-0.38**	(0.05)	5.46	(0.07)	6.13	(0.09)	**-0.67**	(0.10)
	Slovenia	1.35	(0.03)	1.60	(0.03)	**-0.24**	(0.04)	5.07	(0.06)	5.86	(0.06)	**-0.79**	(0.08)
	Chinese Taipei	1.60	(0.03)	1.95	(0.04)	**-0.34**	(0.04)	6.60	(0.08)	7.16	(0.10)	**-0.56**	(0.10)
	Thailand	1.59	(0.05)	1.79	(0.04)	**-0.21**	(0.05)	5.35	(0.10)	5.37	(0.07)	-0.02	(0.13)
	Tunisia	1.95	(0.05)	2.27	(0.06)	**-0.33**	(0.07)	6.42	(0.13)	7.62	(0.15)	**-1.20**	(0.19)
	Uruguay	1.14	(0.03)	1.55	(0.03)	**-0.41**	(0.04)	4.27	(0.09)	5.20	(0.07)	**-0.93**	(0.10)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.6c [Part 3/3] Mean learning hours and allocation of total learning time on the language of instruction, by gender

		Allocation of total learning time on the language of instruction for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	67.5	(0.4)	66.6	(0.3)	**1.0**	(0.4)	9.0	(0.2)	7.6	(0.2)	**1.8**	(0.3)	23.4	(0.3)	25.9	(0.2)	**-2.4**	(0.4)
	Austria	65.4	(0.6)	65.6	(0.6)	-0.1	(0.8)	4.3	(0.4)	2.4	(0.2)	-0.1	(0.5)	30.3	(0.5)	32.0	(0.5)	**-1.7**	(0.7)
	Belgium	67.6	(0.4)	66.9	(0.4)	0.7	(0.6)	7.8	(0.3)	6.3	(0.2)	**1.3**	(0.3)	24.6	(0.3)	26.8	(0.3)	**-2.2**	(0.4)
	Canada	67.3	(0.4)	64.0	(0.4)	**3.3**	(0.5)	10.8	(0.2)	10.8	(0.3)	0.5	(0.3)	21.9	(0.3)	25.2	(0.3)	**-3.3**	(0.4)
	Czech Republic	73.4	(0.5)	69.3	(0.6)	**4.1**	(0.8)	8.3	(0.3)	9.8	(0.3)	0.3	(0.5)	18.3	(0.4)	20.9	(0.5)	**-2.6**	(0.6)
	Denmark	63.9	(0.4)	60.4	(0.4)	**3.5**	(0.5)	15.3	(0.3)	16.6	(0.3)	0.7	(0.4)	20.8	(0.2)	23.0	(0.3)	**-2.2**	(0.4)
	Finland	72.4	(0.5)	69.0	(0.5)	**3.4**	(0.6)	6.6	(0.3)	5.8	(0.3)	**2.1**	(0.3)	20.9	(0.4)	25.2	(0.4)	**-4.3**	(0.5)
	France	69.5	(0.5)	64.6	(0.4)	**5.0**	(0.6)	10.5	(0.3)	10.9	(0.3)	-0.1	(0.5)	20.0	(0.4)	24.5	(0.3)	**-4.6**	(0.5)
	Germany	62.3	(0.5)	62.3	(0.4)	-0.0	(0.6)	8.7	(0.4)	7.1	(0.3)	**1.2**	(0.5)	29.0	(0.4)	30.6	(0.4)	**-1.6**	(0.5)
	Greece	50.9	(0.9)	51.0	(0.5)	-0.1	(0.9)	22.1	(0.5)	21.1	(0.4)	-0.5	(0.7)	27.0	(0.6)	27.9	(0.4)	-0.9	(0.7)
	Hungary	53.9	(0.6)	52.5	(0.5)	1.4	(0.7)	18.2	(0.4)	18.3	(0.4)	0.3	(0.5)	27.9	(0.4)	29.2	(0.3)	**-1.3**	(0.5)
	Iceland	71.8	(0.5)	71.8	(0.4)	0.1	(0.6)	6.9	(0.3)	5.1	(0.3)	-0.1	(0.4)	21.3	(0.3)	23.1	(0.3)	**-1.8**	(0.4)
	Ireland	64.5	(0.6)	64.0	(0.6)	0.6	(0.8)	9.2	(0.4)	7.2	(0.3)	**1.5**	(0.5)	26.3	(0.4)	28.8	(0.5)	**-2.5**	(0.6)
	Italy	57.6	(0.4)	56.8	(0.3)	0.9	(0.5)	9.5	(0.3)	7.1	(0.2)	**2.1**	(0.4)	32.8	(0.3)	36.1	(0.2)	**-3.3**	(0.4)
	Japan	77.8	(0.6)	78.5	(0.6)	-0.7	(0.6)	7.1	(0.3)	5.5	(0.3)	**1.2**	(0.4)	15.1	(0.5)	16.0	(0.5)	-0.8	(0.5)
	Korea	66.0	(0.7)	66.7	(0.6)	-0.7	(0.9)	17.3	(0.6)	15.6	(0.5)	0.6	(0.8)	16.7	(0.3)	17.7	(0.3)	**-1.0**	(0.4)
	Luxembourg	67.4	(0.5)	67.2	(0.4)	0.1	(0.6)	9.7	(0.4)	8.0	(0.3)	0.5	(0.5)	22.9	(0.4)	24.8	(0.3)	**-1.9**	(0.5)
	Mexico	54.9	(0.5)	55.2	(0.5)	-0.3	(0.6)	15.7	(0.4)	13.6	(0.4)	**2.1**	(0.4)	29.4	(0.4)	31.2	(0.3)	**-1.8**	(0.4)
	Netherlands	63.4	(0.6)	62.7	(0.5)	0.7	(0.7)	11.3	(0.3)	10.3	(0.4)	0.3	(0.5)	25.3	(0.4)	27.0	(0.4)	**-1.6**	(0.5)
	New Zealand	71.2	(0.7)	69.2	(0.4)	**2.0**	(0.7)	8.4	(0.4)	7.6	(0.3)	0.8	(0.4)	20.3	(0.4)	23.2	(0.3)	**-2.9**	(0.5)
	Norway	63.1	(0.6)	61.2	(0.6)	**1.9**	(0.8)	16.9	(0.4)	16.0	(0.4)	**2.4**	(0.4)	20.0	(0.4)	22.8	(0.5)	**-2.7**	(0.5)
	Poland	65.0	(0.5)	62.1	(0.3)	**2.9**	(0.5)	9.3	(0.4)	7.8	(0.3)	**2.2**	(0.4)	25.7	(0.4)	30.2	(0.3)	**-4.5**	(0.4)
	Portugal	62.7	(0.5)	59.4	(0.6)	**3.3**	(0.7)	9.3	(0.4)	8.1	(0.4)	-0.1	(0.5)	27.9	(0.4)	32.5	(0.5)	**-4.6**	(0.6)
	Slovak Republic	63.2	(0.7)	54.5	(0.7)	**8.7**	(1.0)	10.8	(0.4)	14.6	(0.4)	**-2.6**	(0.5)	25.9	(0.6)	30.8	(0.7)	**-4.9**	(0.8)
	Spain	63.6	(0.5)	61.7	(0.4)	**1.9**	(0.5)	9.5	(0.3)	6.8	(0.3)	0.1	(0.4)	26.9	(0.3)	31.5	(0.4)	**-4.5**	(0.4)
	Sweden	68.0	(0.8)	65.4	(0.4)	**2.6**	(0.8)	10.1	(0.4)	10.4	(0.3)	0.4	(0.5)	21.9	(0.6)	24.2	(0.4)	**-2.3**	(0.5)
	Switzerland	67.0	(0.4)	68.0	(0.5)	**-1.0**	(0.5)	7.9	(0.3)	6.2	(0.3)	**2.0**	(0.4)	25.0	(0.3)	25.8	(0.3)	**-0.8**	(0.4)
	Turkey	56.0	(0.7)	53.2	(0.8)	**2.8**	(0.8)	19.5	(0.5)	20.2	(0.5)	**-1.7**	(0.8)	24.5	(0.4)	26.6	(0.5)	**-2.1**	(0.6)
	United Kingdom	68.5	(0.4)	66.7	(0.4)	**1.9**	(0.5)	8.3	(0.3)	7.4	(0.2)	**1.4**	(0.4)	23.2	(0.3)	26.0	(0.3)	**-2.8**	(0.4)
	United States	57.5	(0.8)	54.2	(0.5)	**3.3**	(0.7)	15.9	(0.6)	16.0	(0.4)	**1.9**	(0.5)	26.5	(0.4)	29.8	(0.4)	**-3.2**	(0.5)
	OECD average	64.8	(0.1)	63.0	(0.1)	**1.8**	(0.1)	64.8	(0.1)	63.0	(0.1)	**1.8**	(0.1)	24.1	(0.1)	26.6	(0.1)	**-2.6**	(0.1)
Partners	Argentina	55.3	(1.0)	55.1	(0.7)	0.2	(1.2)	9.8	(0.6)	6.5	(0.5)	0.7	(0.7)	34.9	(0.8)	38.3	(0.7)	**-3.4**	(1.2)
	Azerbaijan	44.2	(0.7)	45.6	(0.8)	-1.4	(0.8)	21.4	(0.6)	17.1	(0.5)	**5.0**	(0.7)	34.4	(0.5)	37.3	(0.6)	**-2.9**	(0.7)
	Brazil	56.4	(0.6)	52.8	(0.5)	**3.6**	(0.7)	17.0	(0.5)	18.4	(0.5)	-0.5	(0.7)	26.7	(0.4)	28.9	(0.5)	**-2.2**	(0.6)
	Bulgaria	52.0	(0.8)	51.6	(0.6)	0.5	(1.0)	16.6	(0.6)	14.3	(0.5)	**2.2**	(0.8)	31.4	(0.6)	34.1	(0.5)	**-2.7**	(0.7)
	Chile	58.1	(0.7)	56.6	(0.9)	1.5	(0.9)	14.9	(0.5)	15.6	(0.6)	-0.1	(0.5)	27.1	(0.4)	27.8	(0.5)	-0.7	(0.6)
	Colombia	60.2	(1.0)	60.3	(0.7)	-0.1	(1.2)	15.0	(0.7)	14.0	(0.4)	1.2	(0.6)	24.8	(0.6)	25.7	(0.5)	-1.0	(0.7)
	Croatia	67.6	(0.6)	66.0	(0.5)	**1.6**	(0.7)	6.9	(0.4)	4.9	(0.3)	0.8	(0.5)	25.5	(0.4)	29.1	(0.4)	**-3.5**	(0.5)
	Estonia	62.1	(0.7)	61.5	(0.5)	0.6	(0.8)	13.8	(0.6)	12.4	(0.5)	**1.5**	(0.7)	24.2	(0.4)	26.2	(0.4)	**-2.0**	(0.6)
	Hong Kong-China	71.2	(0.7)	70.7	(0.5)	0.6	(0.8)	10.0	(0.4)	8.2	(0.3)	**1.1**	(0.5)	18.8	(0.5)	21.1	(0.3)	**-2.3**	(0.5)
	Indonesia	56.8	(0.8)	55.6	(0.7)	1.2	(0.8)	17.3	(0.7)	16.0	(0.7)	-0.3	(0.6)	25.9	(0.5)	28.3	(0.5)	**-2.4**	(0.6)
	Israel	52.3	(0.8)	55.6	(0.7)	**-3.3**	(1.1)	20.8	(0.6)	18.9	(0.5)	**1.7**	(0.7)	26.9	(0.6)	25.5	(0.6)	1.4	(0.9)
	Jordan	40.6	(1.0)	47.4	(0.7)	**-6.8**	(1.2)	25.6	(0.6)	19.1	(0.6)	**5.9**	(0.9)	33.8	(0.6)	33.5	(0.5)	0.3	(0.8)
	Kyrgyzstan	39.5	(0.7)	40.1	(0.6)	-0.6	(0.9)	27.1	(0.7)	25.3	(0.5)	**2.1**	(0.7)	33.4	(0.6)	34.5	(0.5)	-1.1	(0.8)
	Latvia	59.8	(0.5)	58.7	(0.5)	1.1	(0.6)	12.3	(0.5)	10.6	(0.4)	**1.2**	(0.5)	27.9	(0.4)	30.7	(0.4)	**-2.7**	(0.4)
	Liechtenstein	67.5	(2.3)	71.7	(1.1)	-4.2	(2.6)	7.0	(1.2)	4.4	(0.6)	**2.9**	(1.4)	25.5	(1.8)	23.9	(1.0)	1.6	(2.0)
	Lithuania	62.4	(0.7)	62.2	(0.5)	0.2	(0.8)	11.1	(0.4)	8.6	(0.3)	**2.1**	(0.4)	26.5	(0.5)	29.2	(0.4)	**-2.7**	(0.6)
	Macao-China	71.3	(0.5)	71.5	(0.5)	-0.3	(0.7)	12.0	(0.3)	10.3	(0.4)	**1.5**	(0.6)	16.8	(0.4)	18.2	(0.3)	**-1.4**	(0.5)
	Montenegro	53.0	(0.6)	52.9	(0.6)	0.1	(1.0)	12.1	(0.4)	10.9	(0.4)	1.1	(0.7)	34.9	(0.6)	36.2	(0.6)	-1.3	(0.9)
	Qatar	43.0	(0.4)	46.2	(0.5)	**-3.2**	(0.7)	26.0	(0.4)	21.5	(0.4)	**5.1**	(0.6)	30.9	(0.4)	32.3	(0.4)	**-1.4**	(0.6)
	Romania	51.6	(0.8)	49.7	(0.7)	**1.9**	(0.9)	19.7	(0.6)	19.7	(0.5)	1.1	(0.6)	28.6	(0.5)	30.6	(0.5)	**-1.9**	(0.8)
	Russian Federation	49.5	(0.8)	47.1	(0.6)	**2.5**	(0.8)	16.6	(0.6)	16.2	(0.7)	**1.7**	(0.7)	33.9	(0.6)	36.7	(0.5)	**-2.8**	(0.5)
	Serbia	60.5	(0.7)	59.9	(0.5)	0.6	(0.7)	14.2	(0.5)	11.6	(0.4)	**2.2**	(0.5)	25.4	(0.5)	28.5	(0.4)	**-3.1**	(0.6)
	Slovenia	59.5	(0.6)	62.2	(0.5)	**-2.7**	(0.8)	13.4	(0.4)	10.9	(0.3)	**1.7**	(0.6)	27.2	(0.4)	27.0	(0.4)	0.2	(0.6)
	Chinese Taipei	67.4	(0.5)	64.7	(0.4)	**2.7**	(0.6)	9.1	(0.3)	8.8	(0.3)	**1.6**	(0.5)	23.5	(0.4)	26.5	(0.3)	**-3.0**	(0.5)
	Thailand	63.0	(0.7)	62.1	(0.4)	0.9	(0.8)	9.2	(0.4)	6.0	(0.3)	**1.5**	(0.6)	27.7	(0.6)	31.9	(0.3)	**-4.1**	(0.6)
	Tunisia	44.0	(0.9)	47.0	(0.7)	**-3.0**	(0.9)	24.8	(0.6)	22.6	(0.6)	**1.6**	(0.6)	31.2	(0.6)	30.4	(0.5)	0.8	(0.7)
	Uruguay	61.2	(0.7)	60.5	(0.6)	0.6	(0.9)	12.3	(0.6)	10.4	(0.5)	**2.3**	(0.7)	26.5	(0.5)	29.1	(0.4)	**-2.6**	(0.7)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.6d [Part 1/3] Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by gender

		Mean learning hours per week											
		Regular school lessons						Out-of-school-time lessons					
		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	11.21	(0.10)	11.60	(0.10)	**-0.39**	(0.13)	1.92	(0.05)	1.60	(0.04)	**0.33**	(0.07)
	Austria	8.47	(0.13)	8.65	(0.10)	-0.18	(0.15)	1.04	(0.06)	0.84	(0.05)	**0.20**	(0.07)
	Belgium	9.41	(0.13)	10.01	(0.11)	**-0.59**	(0.14)	1.41	(0.05)	1.21	(0.04)	**0.20**	(0.06)
	Canada	12.41	(0.12)	13.44	(0.13)	**-1.04**	(0.13)	2.23	(0.06)	2.47	(0.06)	**-0.23**	(0.08)
	Czech Republic	10.43	(0.12)	10.92	(0.18)	**-0.49**	(0.21)	1.81	(0.06)	2.00	(0.06)	**-0.20**	(0.08)
	Denmark	12.92	(0.10)	13.39	(0.09)	**-0.47**	(0.11)	3.70	(0.08)	3.97	(0.08)	**-0.27**	(0.11)
	Finland	9.21	(0.11)	10.19	(0.13)	**-0.99**	(0.11)	1.15	(0.05)	0.97	(0.04)	**0.18**	(0.06)
	France	10.46	(0.13)	10.95	(0.12)	**-0.49**	(0.15)	2.12	(0.06)	2.36	(0.06)	**-0.23**	(0.09)
	Germany	10.20	(0.10)	11.03	(0.10)	**-0.83**	(0.12)	2.02	(0.08)	1.82	(0.06)	**0.19**	(0.08)
	Greece	9.10	(0.17)	10.53	(0.12)	**-1.43**	(0.18)	5.62	(0.13)	6.07	(0.12)	**-0.45**	(0.14)
	Hungary	8.50	(0.12)	9.52	(0.12)	**-1.02**	(0.14)	3.39	(0.06)	3.80	(0.10)	**-0.41**	(0.10)
	Iceland	11.84	(0.10)	12.64	(0.08)	**-0.79**	(0.13)	1.53	(0.06)	1.40	(0.05)	0.13	(0.08)
	Ireland	9.63	(0.11)	9.86	(0.11)	-0.23	(0.13)	1.78	(0.07)	1.53	(0.06)	**0.26**	(0.09)
	Italy	11.09	(0.10)	11.45	(0.11)	**-0.36**	(0.12)	2.41	(0.06)	2.09	(0.05)	**0.31**	(0.08)
	Japan	10.71	(0.17)	10.80	(0.20)	-0.09	(0.25)	1.56	(0.06)	1.24	(0.07)	**0.32**	(0.07)
	Korea	12.67	(0.16)	12.84	(0.17)	-0.17	(0.24)	4.89	(0.15)	4.59	(0.14)	0.30	(0.24)
	Luxembourg	9.26	(0.09)	10.17	(0.07)	**-0.91**	(0.12)	2.04	(0.06)	1.82	(0.05)	**0.22**	(0.08)
	Mexico	10.76	(0.14)	10.91	(0.12)	-0.15	(0.17)	3.47	(0.09)	3.10	(0.10)	**0.37**	(0.10)
	Netherlands	7.93	(0.10)	8.01	(0.08)	-0.08	(0.12)	1.97	(0.06)	1.78	(0.06)	**0.19**	(0.07)
	New Zealand	12.53	(0.11)	13.11	(0.10)	**-0.58**	(0.14)	1.80	(0.09)	1.69	(0.07)	0.11	(0.11)
	Norway	9.40	(0.10)	9.86	(0.10)	**-0.46**	(0.11)	3.19	(0.06)	3.07	(0.08)	0.12	(0.10)
	Poland	10.88	(0.11)	12.53	(0.09)	**-1.65**	(0.10)	2.11	(0.07)	2.11	(0.06)	-0.00	(0.07)
	Portugal	9.80	(0.13)	10.34	(0.11)	**-0.54**	(0.13)	1.92	(0.05)	2.07	(0.07)	-0.15	(0.08)
	Slovak Republic	8.63	(0.17)	9.13	(0.16)	**-0.50**	(0.17)	2.02	(0.07)	2.81	(0.10)	**-0.80**	(0.09)
	Spain	9.76	(0.09)	10.53	(0.11)	**-0.77**	(0.09)	2.22	(0.07)	2.26	(0.07)	-0.05	(0.09)
	Sweden	8.93	(0.09)	9.10	(0.08)	-0.18	(0.09)	1.79	(0.06)	1.79	(0.06)	0.01	(0.08)
	Switzerland	9.49	(0.11)	10.29	(0.12)	**-0.81**	(0.13)	1.72	(0.06)	1.42	(0.05)	**0.30**	(0.07)
	Turkey	10.39	(0.19)	11.01	(0.22)	**-0.62**	(0.25)	4.90	(0.10)	5.60	(0.13)	**-0.70**	(0.16)
	United Kingdom	11.88	(0.10)	11.97	(0.11)	-0.09	(0.12)	1.80	(0.06)	1.60	(0.06)	**0.21**	(0.07)
	United States	10.57	(0.17)	11.31	(0.14)	**-0.74**	(0.17)	2.99	(0.10)	3.08	(0.08)	-0.08	(0.11)
	OECD average	10.28	(0.02)	10.87	(0.02)	**-0.59**	(0.03)	2.42	(0.01)	2.40	(0.01)	0.01	(0.02)
Partners	Argentina	7.13	(0.15)	8.03	(0.23)	**-0.90**	(0.25)	1.75	(0.09)	1.58	(0.08)	0.17	(0.09)
	Azerbaijan	10.17	(0.16)	10.59	(0.15)	**-0.42**	(0.20)	5.26	(0.12)	4.44	(0.13)	**0.82**	(0.16)
	Brazil	8.48	(0.12)	8.45	(0.10)	0.03	(0.13)	2.96	(0.09)	3.31	(0.09)	**-0.35**	(0.11)
	Bulgaria	7.78	(0.18)	9.34	(0.21)	**-1.56**	(0.21)	3.17	(0.10)	3.23	(0.11)	-0.06	(0.14)
	Chile	9.05	(0.19)	9.53	(0.23)	-0.48	(0.27)	2.68	(0.06)	2.96	(0.08)	**-0.28**	(0.08)
	Colombia	11.48	(0.23)	11.82	(0.21)	-0.34	(0.21)	3.26	(0.12)	3.36	(0.09)	-0.10	(0.16)
	Croatia	8.02	(0.10)	8.84	(0.12)	**-0.82**	(0.14)	1.59	(0.07)	1.56	(0.06)	0.02	(0.08)
	Estonia	10.17	(0.11)	11.74	(0.11)	**-1.57**	(0.13)	2.61	(0.11)	2.64	(0.08)	-0.03	(0.14)
	Hong Kong-China	13.66	(0.15)	13.48	(0.12)	0.19	(0.16)	3.29	(0.11)	2.88	(0.09)	**0.42**	(0.12)
	Indonesia	10.86	(0.22)	11.10	(0.18)	-0.24	(0.20)	3.56	(0.15)	3.77	(0.12)	-0.21	(0.15)
	Israel	8.89	(0.15)	10.22	(0.14)	**-1.33**	(0.20)	4.37	(0.12)	4.51	(0.11)	-0.14	(0.15)
	Jordan	9.34	(0.20)	11.31	(0.16)	**-1.98**	(0.25)	5.50	(0.15)	4.72	(0.14)	**0.77**	(0.21)
	Kyrgyzstan	6.92	(0.16)	8.50	(0.20)	**-1.58**	(0.18)	4.24	(0.11)	4.90	(0.11)	**-0.66**	(0.14)
	Latvia	10.52	(0.13)	11.56	(0.11)	**-1.05**	(0.12)	2.82	(0.09)	2.62	(0.09)	0.20	(0.10)
	Liechtenstein	9.77	(0.34)	10.62	(0.23)	**-0.85**	(0.42)	1.60	(0.19)	1.17	(0.09)	**0.43**	(0.22)
	Lithuania	8.95	(0.12)	10.77	(0.12)	-1.82	(0.14)	1.94	(0.06)	1.92	(0.06)	0.02	(0.08)
	Macao-China	14.08	(0.11)	14.86	(0.10)	**-0.78**	(0.16)	3.42	(0.10)	3.08	(0.11)	**0.34**	(0.16)
	Montenegro	8.45	(0.13)	9.33	(0.12)	**-0.88**	(0.17)	2.73	(0.08)	2.64	(0.08)	0.09	(0.12)
	Qatar	8.57	(0.11)	8.79	(0.11)	-0.21	(0.16)	5.43	(0.09)	4.41	(0.09)	**1.02**	(0.12)
	Romania	8.16	(0.17)	8.99	(0.18)	**-0.83**	(0.18)	3.89	(0.09)	4.19	(0.09)	**-0.30**	(0.12)
	Russian Federation	9.04	(0.13)	9.76	(0.16)	**-0.71**	(0.11)	3.07	(0.09)	3.06	(0.09)	0.01	(0.11)
	Serbia	8.80	(0.13)	9.86	(0.11)	**-1.06**	(0.13)	2.75	(0.07)	2.57	(0.07)	**0.17**	(0.08)
	Slovenia	8.31	(0.11)	10.41	(0.09)	**-2.10**	(0.16)	2.48	(0.06)	2.46	(0.07)	0.02	(0.10)
	Chinese Taipei	11.49	(0.17)	11.56	(0.21)	-0.07	(0.23)	3.05	(0.07)	2.94	(0.07)	0.12	(0.09)
	Thailand	10.31	(0.14)	10.97	(0.13)	**-0.66**	(0.22)	2.62	(0.12)	2.23	(0.09)	**0.38**	(0.15)
	Tunisia	8.58	(0.16)	9.71	(0.13)	**-1.13**	(0.18)	5.96	(0.09)	6.23	(0.09)	**-0.27**	(0.13)
	Uruguay	7.92	(0.12)	9.00	(0.10)	**-1.08**	(0.13)	2.08	(0.08)	2.08	(0.07)	0.01	(0.10)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.6d [Part 2/3] Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by gender

		Mean learning hours per week											
		Individual study						Total learning hours					
		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	4.53	(0.08)	4.82	(0.07)	**-0.30**	(0.10)	17.68	(0.17)	18.02	(0.16)	-0.35	(0.22)
	Austria	4.77	(0.10)	5.13	(0.09)	**-0.35**	(0.12)	14.36	(0.23)	14.62	(0.17)	-0.26	(0.25)
	Belgium	4.00	(0.07)	4.80	(0.07)	**-0.80**	(0.09)	14.87	(0.19)	16.02	(0.16)	**-1.15**	(0.22)
	Canada	4.54	(0.08)	5.98	(0.09)	**-1.43**	(0.11)	19.30	(0.20)	21.92	(0.20)	**-2.62**	(0.23)
	Czech Republic	3.25	(0.06)	3.75	(0.08)	**-0.50**	(0.10)	15.47	(0.15)	16.65	(0.26)	**-1.19**	(0.28)
	Denmark	4.69	(0.07)	5.30	(0.08)	**-0.62**	(0.09)	21.23	(0.19)	22.65	(0.18)	**-1.41**	(0.22)
	Finland	3.04	(0.06)	3.77	(0.06)	**-0.73**	(0.06)	13.40	(0.16)	14.91	(0.19)	**-1.51**	(0.16)
	France	4.06	(0.11)	5.04	(0.08)	**-0.98**	(0.13)	16.68	(0.23)	18.35	(0.18)	**-1.67**	(0.28)
	Germany	5.43	(0.08)	6.33	(0.10)	**-0.90**	(0.09)	17.72	(0.15)	19.18	(0.20)	**-1.46**	(0.19)
	Greece	5.56	(0.11)	6.02	(0.10)	**-0.46**	(0.13)	20.32	(0.32)	22.61	(0.26)	**-2.29**	(0.33)
	Hungary	4.80	(0.08)	5.82	(0.10)	**-1.02**	(0.12)	16.73	(0.20)	19.12	(0.26)	**-2.40**	(0.29)
	Iceland	4.18	(0.07)	4.67	(0.06)	**-0.49**	(0.10)	17.54	(0.16)	18.73	(0.12)	**-1.19**	(0.21)
	Ireland	4.47	(0.09)	4.93	(0.10)	**-0.46**	(0.12)	15.85	(0.19)	16.30	(0.20)	-0.45	(0.24)
	Italy	6.96	(0.09)	8.08	(0.09)	**-1.12**	(0.10)	20.54	(0.18)	21.58	(0.20)	**-1.04**	(0.19)
	Japan	3.06	(0.10)	3.16	(0.13)	-0.10	(0.13)	15.32	(0.26)	15.19	(0.33)	0.13	(0.39)
	Korea	4.89	(0.19)	4.98	(0.11)	-0.10	(0.21)	22.54	(0.42)	22.44	(0.35)	0.10	(0.59)
	Luxembourg	4.03	(0.08)	4.63	(0.06)	**-0.60**	(0.11)	15.38	(0.15)	16.57	(0.12)	**-1.19**	(0.19)
	Mexico	6.19	(0.10)	6.62	(0.09)	**-0.43**	(0.11)	20.24	(0.25)	20.56	(0.21)	-0.32	(0.25)
	Netherlands	3.83	(0.07)	4.16	(0.07)	**-0.33**	(0.09)	13.75	(0.17)	13.89	(0.15)	-0.15	(0.22)
	New Zealand	4.11	(0.10)	4.72	(0.09)	**-0.61**	(0.14)	18.50	(0.22)	19.50	(0.18)	**-1.01**	(0.29)
	Norway	3.84	(0.07)	4.30	(0.10)	**-0.46**	(0.12)	16.34	(0.15)	17.26	(0.19)	**-0.93**	(0.24)
	Poland	5.30	(0.08)	7.35	(0.08)	**-2.05**	(0.10)	18.30	(0.18)	22.03	(0.15)	**-3.72**	(0.20)
	Portugal	5.12	(0.11)	6.51	(0.11)	-1.39	(0.15)	16.90	(0.23)	18.92	(0.18)	**-2.03**	(0.26)
	Slovak Republic	4.25	(0.10)	5.40	(0.12)	**-1.15**	(0.15)	14.91	(0.27)	17.36	(0.31)	**-2.44**	(0.31)
	Spain	4.90	(0.09)	6.26	(0.10)	**-1.36**	(0.09)	17.03	(0.20)	19.12	(0.18)	**-2.09**	(0.18)
	Sweden	3.33	(0.08)	3.84	(0.06)	**-0.51**	(0.09)	14.04	(0.15)	14.72	(0.14)	**-0.68**	(0.17)
	Switzerland	3.99	(0.05)	4.42	(0.06)	**-0.43**	(0.07)	15.23	(0.17)	16.11	(0.16)	**-0.89**	(0.22)
	Turkey	5.61	(0.09)	6.70	(0.14)	**-1.09**	(0.15)	20.74	(0.32)	23.24	(0.43)	**-2.49**	(0.45)
	United Kingdom	4.31	(0.07)	4.72	(0.07)	**-0.41**	(0.08)	18.00	(0.16)	18.32	(0.18)	-0.32	(0.20)
	United States	5.03	(0.09)	6.15	(0.09)	**-1.12**	(0.12)	18.82	(0.21)	20.53	(0.20)	**-1.72**	(0.27)
	OECD average	4.54	(0.02)	5.28	(0.02)	**-0.74**	(0.02)	17.26	(0.04)	18.55	(0.04)	**-1.29**	(0.05)
Partners	Argentina	4.55	(0.13)	5.47	(0.12)	**-0.92**	(0.15)	13.37	(0.28)	15.13	(0.30)	**-1.76**	(0.37)
	Azerbaijan	8.44	(0.15)	8.98	(0.17)	**-0.54**	(0.18)	23.95	(0.31)	24.26	(0.36)	-0.31	(0.40)
	Brazil	4.81	(0.09)	5.54	(0.10)	**-0.73**	(0.13)	16.24	(0.22)	17.24	(0.21)	**-1.00**	(0.26)
	Bulgaria	5.42	(0.15)	6.91	(0.20)	**-1.49**	(0.18)	16.49	(0.31)	19.49	(0.44)	**-3.01**	(0.40)
	Chile	4.49	(0.08)	4.92	(0.12)	**-0.43**	(0.13)	16.37	(0.26)	17.43	(0.35)	**-1.06**	(0.41)
	Colombia	5.26	(0.11)	5.85	(0.14)	**-0.59**	(0.18)	20.00	(0.30)	21.01	(0.35)	**-1.00**	(0.39)
	Croatia	4.28	(0.09)	5.42	(0.08)	**-1.13**	(0.10)	14.00	(0.18)	15.85	(0.20)	**-1.85**	(0.24)
	Estonia	4.50	(0.09)	5.75	(0.09)	**-1.25**	(0.13)	17.29	(0.20)	20.16	(0.20)	**-2.87**	(0.29)
	Hong Kong-China	5.23	(0.12)	5.43	(0.11)	-0.20	(0.15)	22.20	(0.28)	21.76	(0.24)	0.44	(0.31)
	Indonesia	5.12	(0.11)	6.06	(0.09)	**-0.94**	(0.14)	19.50	(0.32)	20.87	(0.29)	**-1.37**	(0.34)
	Israel	5.20	(0.17)	5.47	(0.13)	-0.27	(0.21)	18.70	(0.38)	20.11	(0.28)	**-1.41**	(0.46)
	Jordan	7.40	(0.11)	8.37	(0.17)	**-0.97**	(0.19)	22.18	(0.31)	24.39	(0.29)	**-2.21**	(0.42)
	Kyrgyzstan	5.79	(0.11)	7.47	(0.14)	**-1.68**	(0.18)	17.25	(0.28)	20.87	(0.34)	**-3.62**	(0.39)
	Latvia	5.67	(0.09)	6.78	(0.11)	**-1.11**	(0.13)	19.03	(0.24)	20.95	(0.21)	**-1.92**	(0.26)
	Liechtenstein	3.77	(0.26)	4.07	(0.19)	-0.30	(0.34)	15.22	(0.46)	15.75	(0.31)	-0.53	(0.62)
	Lithuania	4.59	(0.09)	5.98	(0.10)	**-1.39**	(0.14)	15.47	(0.20)	18.63	(0.19)	**-3.16**	(0.26)
	Macao-China	4.61	(0.09)	5.26	(0.09)	**-0.65**	(0.13)	22.11	(0.19)	23.17	(0.21)	**-1.06**	(0.28)
	Montenegro	5.78	(0.11)	6.65	(0.11)	**-0.87**	(0.16)	16.93	(0.25)	18.57	(0.23)	**-1.63**	(0.36)
	Qatar	6.27	(0.08)	6.27	(0.08)	0.00	(0.12)	20.35	(0.22)	19.49	(0.21)	**0.85**	(0.29)
	Romania	5.48	(0.10)	6.44	(0.15)	**-0.97**	(0.18)	17.57	(0.29)	19.55	(0.33)	**-1.98**	(0.37)
	Russian Federation	6.10	(0.14)	7.15	(0.12)	**-1.04**	(0.11)	18.21	(0.26)	19.96	(0.26)	**-1.75**	(0.23)
	Serbia	4.70	(0.10)	5.75	(0.09)	**-1.05**	(0.13)	16.23	(0.22)	18.16	(0.20)	**-1.93**	(0.26)
	Slovenia	4.43	(0.08)	5.42	(0.07)	**-0.99**	(0.10)	15.29	(0.19)	18.29	(0.15)	**-3.01**	(0.25)
	Chinese Taipei	4.75	(0.11)	5.02	(0.11)	**-0.27**	(0.12)	19.49	(0.30)	19.58	(0.36)	-0.08	(0.37)
	Thailand	4.83	(0.12)	5.67	(0.09)	**-0.85**	(0.15)	17.71	(0.28)	18.86	(0.26)	**-1.15**	(0.43)
	Tunisia	6.89	(0.12)	7.65	(0.10)	**-0.76**	(0.15)	21.54	(0.30)	23.55	(0.24)	**-2.01**	(0.35)
	Uruguay	3.66	(0.09)	4.77	(0.08)	**-1.11**	(0.11)	13.70	(0.22)	15.87	(0.17)	**-2.18**	(0.25)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.6d [Part 3/3] Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by gender

		Allocation of total learning time in science, in mathematics and on the language of instruction for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	66.5	(0.4)	66.6	(0.3)	-0.1	(0.4)	9.5	(0.2)	7.8	(0.2)	**1.7**	(0.3)	24.0	(0.3)	25.6	(0.2)	**-1.6**	(0.3)
	Austria	62.2	(0.5)	61.5	(0.5)	0.7	(0.6)	6.0	(0.3)	4.8	(0.2)	**1.2**	(0.3)	31.8	(0.4)	33.7	(0.4)	**-1.9**	(0.5)
	Belgium	64.9	(0.3)	63.6	(0.3)	**1.3**	(0.5)	8.6	(0.3)	6.9	(0.2)	**1.7**	(0.3)	26.5	(0.3)	29.4	(0.3)	**-3.0**	(0.4)
	Canada	65.5	(0.4)	62.5	(0.4)	**3.0**	(0.5)	11.2	(0.2)	10.8	(0.3)	0.4	(0.3)	23.3	(0.3)	26.7	(0.3)	**-3.4**	(0.3)
	Czech Republic	70.8	(0.5)	67.9	(0.5)	**2.9**	(0.7)	9.9	(0.3)	10.5	(0.2)	-0.6	(0.4)	19.2	(0.3)	21.6	(0.4)	**-2.4**	(0.5)
	Denmark	63.0	(0.4)	61.6	(0.4)	**1.4**	(0.5)	16.0	(0.3)	15.9	(0.3)	0.0	(0.4)	21.0	(0.2)	22.5	(0.3)	**-1.5**	(0.3)
	Finland	70.9	(0.4)	70.1	(0.4)	0.8	(0.5)	7.4	(0.3)	5.5	(0.2)	**1.8**	(0.3)	21.8	(0.3)	24.4	(0.2)	**-2.6**	(0.3)
	France	65.1	(0.5)	61.8	(0.4)	3.3	(0.6)	12.1	(0.3)	12.1	(0.3)	0.0	(0.4)	22.8	(0.4)	26.1	(0.2)	**-3.3**	(0.4)
	Germany	59.6	(0.4)	59.3	(0.4)	0.3	(0.5)	10.1	(0.4)	8.6	(0.3)	**1.5**	(0.4)	30.3	(0.3)	32.1	(0.3)	**-1.8**	(0.4)
	Greece	47.1	(0.7)	49.0	(0.4)	**-1.9**	(0.6)	26.2	(0.4)	25.2	(0.4)	**0.9**	(0.4)	26.7	(0.5)	25.8	(0.3)	1.0	(0.5)
	Hungary	52.8	(0.5)	51.8	(0.4)	1.0	(0.6)	19.0	(0.4)	18.4	(0.4)	0.6	(0.4)	28.1	(0.4)	29.7	(0.3)	**-1.6**	(0.4)
	Iceland	69.9	(0.4)	69.5	(0.3)	0.4	(0.5)	7.6	(0.3)	6.8	(0.2)	**0.8**	(0.4)	22.5	(0.3)	23.7	(0.2)	**-1.2**	(0.4)
	Ireland	63.5	(0.6)	63.4	(0.5)	0.0	(0.7)	9.6	(0.3)	7.8	(0.3)	**1.8**	(0.4)	26.9	(0.4)	28.7	(0.4)	**-1.8**	(0.6)
	Italy	55.1	(0.3)	54.7	(0.2)	0.4	(0.4)	11.2	(0.3)	8.7	(0.2)	**2.5**	(0.3)	33.7	(0.2)	36.6	(0.2)	**-2.9**	(0.3)
	Japan	74.4	(0.5)	74.7	(0.6)	-0.3	(0.6)	8.2	(0.3)	6.7	(0.3)	**1.5**	(0.3)	17.4	(0.4)	18.6	(0.5)	**-1.2**	(0.4)
	Korea	61.1	(0.7)	61.6	(0.5)	-0.4	(1.0)	19.0	(0.5)	17.8	(0.4)	1.2	(0.7)	19.9	(0.5)	20.7	(0.3)	-0.8	(0.5)
	Luxembourg	63.1	(0.4)	63.3	(0.3)	-0.2	(0.6)	11.6	(0.3)	9.8	(0.2)	**1.8**	(0.4)	25.3	(0.3)	26.9	(0.3)	**-1.6**	(0.4)
	Mexico	53.6	(0.4)	53.9	(0.5)	-0.3	(0.5)	15.8	(0.3)	13.7	(0.3)	**2.0**	(0.4)	30.6	(0.3)	32.4	(0.3)	**-1.7**	(0.4)
	Netherlands	60.1	(0.5)	59.8	(0.4)	0.4	(0.6)	13.0	(0.4)	11.5	(0.3)	**1.4**	(0.4)	26.9	(0.3)	28.7	(0.3)	**-1.8**	(0.4)
	New Zealand	70.2	(0.6)	69.2	(0.4)	1.0	(0.6)	8.6	(0.3)	7.8	(0.3)	**0.8**	(0.4)	21.1	(0.3)	23.0	(0.3)	**-1.8**	(0.4)
	Norway	60.6	(0.5)	60.3	(0.6)	0.3	(0.7)	17.8	(0.3)	16.1	(0.3)	**1.6**	(0.4)	21.7	(0.3)	23.6	(0.4)	**-1.9**	(0.5)
	Poland	60.9	(0.4)	59.0	(0.3)	**1.9**	(0.4)	11.1	(0.3)	9.1	(0.3)	**2.0**	(0.3)	28.0	(0.3)	32.0	(0.3)	**-3.9**	(0.4)
	Portugal	60.0	(0.4)	56.7	(0.5)	**3.3**	(0.6)	10.7	(0.3)	9.8	(0.3)	**0.8**	(0.4)	29.4	(0.4)	33.5	(0.4)	**-4.1**	(0.5)
	Slovak Republic	62.1	(0.6)	55.7	(0.6)	**6.4**	(0.8)	11.4	(0.4)	14.1	(0.4)	**-2.8**	(0.4)	26.5	(0.4)	30.2	(0.5)	**-3.6**	(0.7)
	Spain	60.1	(0.4)	58.0	(0.3)	**2.2**	(0.4)	11.9	(0.3)	10.6	(0.3)	**1.3**	(0.4)	28.0	(0.3)	31.5	(0.3)	**-3.5**	(0.3)
	Sweden	67.1	(0.8)	65.1	(0.4)	**2.1**	(0.8)	10.5	(0.3)	10.1	(0.3)	0.3	(0.5)	22.4	(0.5)	24.8	(0.3)	**-2.4**	(0.5)
	Switzerland	63.7	(0.3)	64.9	(0.4)	**-1.2**	(0.4)	10.0	(0.3)	7.8	(0.3)	**2.2**	(0.3)	26.3	(0.3)	27.3	(0.2)	**-1.0**	(0.4)
	Turkey	53.1	(0.5)	49.5	(0.4)	**3.6**	(0.6)	21.1	(0.3)	22.3	(0.4)	**-1.2**	(0.5)	25.8	(0.3)	28.2	(0.3)	**-2.4**	(0.5)
	United Kingdom	68.2	(0.4)	67.5	(0.4)	0.7	(0.4)	8.7	(0.2)	7.7	(0.2)	**1.0**	(0.3)	23.1	(0.3)	24.8	(0.3)	**-1.7**	(0.3)
	United States	56.3	(0.6)	54.8	(0.4)	**1.5**	(0.6)	15.8	(0.5)	14.8	(0.3)	**1.1**	(0.5)	27.8	(0.3)	30.4	(0.3)	**-2.6**	(0.4)
	OECD average	62.4	(0.1)	61.2	(0.1)	**1.1**	(0.1)	12.3	(0.1)	11.3	(0.1)	**1.0**	(0.1)	25.3	(0.1)	27.4	(0.1)	**-2.1**	(0.1)
Partners	Argentina	54.6	(0.8)	54.4	(0.7)	0.2	(1.0)	11.6	(0.5)	9.6	(0.4)	**2.0**	(0.5)	33.8	(0.6)	36.0	(0.6)	**-2.2**	(0.9)
	Azerbaijan	43.4	(0.6)	45.6	(0.6)	**-2.2**	(0.7)	21.7	(0.5)	17.6	(0.4)	**4.1**	(0.5)	34.9	(0.4)	36.8	(0.4)	**-1.9**	(0.5)
	Brazil	54.9	(0.6)	51.3	(0.5)	**3.6**	(0.6)	16.6	(0.4)	17.6	(0.4)	-1.0	(0.6)	28.5	(0.4)	31.0	(0.4)	**-2.5**	(0.6)
	Bulgaria	49.8	(0.8)	50.3	(0.5)	-0.5	(0.9)	18.2	(0.6)	15.5	(0.4)	**2.7**	(0.6)	32.0	(0.5)	34.3	(0.5)	**-2.2**	(0.6)
	Chile	54.9	(0.5)	54.2	(0.7)	0.7	(0.7)	16.2	(0.4)	16.5	(0.4)	-0.3	(0.4)	28.9	(0.3)	29.3	(0.4)	-0.4	(0.5)
	Colombia	59.2	(0.8)	59.8	(0.7)	-0.5	(0.9)	15.0	(0.5)	14.1	(0.3)	0.9	(0.6)	25.8	(0.5)	26.2	(0.4)	-0.4	(0.5)
	Croatia	61.1	(0.6)	58.8	(0.4)	**2.3**	(0.6)	10.3	(0.4)	8.9	(0.3)	**1.4**	(0.4)	28.6	(0.4)	32.3	(0.4)	**-3.8**	(0.4)
	Estonia	61.2	(0.6)	60.5	(0.4)	0.6	(0.6)	14.2	(0.5)	12.3	(0.4)	**1.9**	(0.5)	24.7	(0.4)	27.1	(0.3)	**-2.5**	(0.4)
	Hong Kong-China	64.0	(0.6)	64.3	(0.4)	-0.3	(0.7)	13.7	(0.4)	12.2	(0.3)	**1.5**	(0.4)	22.3	(0.4)	23.5	(0.3)	**-1.2**	(0.5)
	Indonesia	57.2	(0.9)	54.7	(0.7)	**2.5**	(0.8)	16.7	(0.7)	16.4	(0.5)	0.3	(0.6)	26.1	(0.3)	28.9	(0.4)	**-2.8**	(0.4)
	Israel	50.0	(0.6)	54.3	(0.6)	**-4.2**	(0.9)	22.9	(0.4)	20.6	(0.4)	**2.3**	(0.5)	27.1	(0.5)	25.2	(0.5)	**1.9**	(0.7)
	Jordan	40.6	(0.8)	46.3	(0.6)	**-5.7**	(1.0)	25.1	(0.6)	18.9	(0.5)	**6.2**	(0.8)	34.2	(0.4)	34.7	(0.5)	-0.5	(0.6)
	Kyrgyzstan	40.0	(0.6)	40.1	(0.5)	-0.1	(0.6)	26.1	(0.6)	24.4	(0.4)	**1.8**	(0.6)	33.9	(0.5)	35.6	(0.4)	**-1.7**	(0.6)
	Latvia	57.7	(0.4)	57.1	(0.4)	0.6	(0.6)	13.7	(0.4)	11.7	(0.4)	**2.0**	(0.4)	28.6	(0.3)	31.2	(0.3)	**-2.6**	(0.4)
	Liechtenstein	64.8	(2.0)	67.6	(0.9)	-2.8	(2.1)	10.0	(1.1)	6.9	(0.6)	**3.1**	(1.3)	25.2	(1.4)	25.5	(0.9)	-0.3	(1.5)
	Lithuania	59.6	(0.5)	59.4	(0.4)	0.2	(0.6)	12.4	(0.3)	9.9	(0.3)	**2.5**	(0.4)	28.0	(0.4)	30.7	(0.3)	**-2.7**	(0.5)
	Macao-China	66.7	(0.4)	66.7	(0.4)	0.0	(0.6)	13.9	(0.3)	11.8	(0.4)	**2.1**	(0.5)	19.4	(0.3)	21.6	(0.3)	**-2.1**	(0.4)
	Montenegro	50.5	(0.5)	51.1	(0.5)	-0.5	(0.7)	15.5	(0.4)	13.6	(0.3)	**2.0**	(0.5)	34.0	(0.4)	35.4	(0.4)	**-1.4**	(0.6)
	Qatar	40.9	(0.3)	45.2	(0.4)	**-4.3**	(0.5)	27.2	(0.3)	22.3	(0.3)	**4.9**	(0.4)	31.9	(0.3)	32.5	(0.3)	**-0.6**	(0.4)
	Romania	48.9	(0.5)	48.5	(0.6)	0.4	(0.7)	20.9	(0.4)	20.1	(0.4)	**0.8**	(0.4)	30.2	(0.3)	31.5	(0.4)	**-1.3**	(0.5)
	Russian Federation	51.3	(0.6)	50.5	(0.5)	0.8	(0.6)	16.5	(0.5)	14.9	(0.6)	**1.6**	(0.5)	32.3	(0.6)	34.6	(0.3)	**-2.3**	(0.5)
	Serbia	57.6	(0.5)	57.8	(0.4)	-0.2	(0.5)	15.3	(0.3)	12.3	(0.3)	**3.0**	(0.3)	27.0	(0.4)	29.8	(0.3)	**-2.8**	(0.5)
	Slovenia	55.8	(0.5)	58.0	(0.4)	**-2.3**	(0.6)	15.3	(0.3)	12.6	(0.3)	**2.6**	(0.5)	29.0	(0.3)	29.3	(0.3)	-0.4	(0.4)
	Chinese Taipei	61.6	(0.5)	61.3	(0.3)	0.3	(0.5)	14.6	(0.2)	13.3	(0.3)	**1.2**	(0.3)	23.9	(0.3)	25.4	(0.3)	**-1.5**	(0.4)
	Thailand	63.0	(0.6)	61.8	(0.3)	1.2	(0.7)	11.5	(0.4)	9.4	(0.3)	**2.2**	(0.5)	25.5	(0.4)	28.9	(0.2)	**-3.4**	(0.4)
	Tunisia	40.8	(0.5)	41.9	(0.4)	-1.2	(0.6)	27.1	(0.3)	25.9	(0.3)	**1.2**	(0.4)	32.1	(0.4)	32.2	(0.3)	-0.1	(0.5)
	Uruguay	59.8	(0.5)	58.7	(0.5)	1.1	(0.7)	13.7	(0.4)	11.6	(0.4)	**2.1**	(0.6)	26.5	(0.4)	29.7	(0.3)	**-3.2**	(0.5)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.7a [Part 1/7] Mean learning hours and allocation of total learning time in science, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Mean learning hours per week									
		Regular school lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	2.83	(0.05)	3.16	(0.04)	3.31	(0.05)	3.69	(0.05)	**-0.87**	(0.06)
	Austria	2.02	(0.07)	2.26	(0.08)	2.59	(0.09)	3.00	(0.09)	**-0.98**	(0.11)
	Belgium	1.95	(0.07)	2.47	(0.06)	2.83	(0.07)	3.28	(0.05)	**-1.32**	(0.09)
	Canada	3.45	(0.06)	3.90	(0.06)	4.20	(0.06)	4.46	(0.07)	**-1.02**	(0.07)
	Czech Republic	2.44	(0.07)	2.70	(0.08)	2.95	(0.11)	3.66	(0.11)	**-1.22**	(0.11)
	Denmark	3.00	(0.06)	3.17	(0.06)	3.22	(0.06)	3.45	(0.06)	**-0.44**	(0.08)
	Finland	2.87	(0.07)	3.03	(0.05)	3.16	(0.06)	3.46	(0.06)	**-0.60**	(0.08)
	France	2.07	(0.06)	2.54	(0.07)	3.00	(0.07)	3.82	(0.08)	**-1.75**	(0.10)
	Germany	2.39	(0.08)	2.98	(0.07)	3.29	(0.07)	3.61	(0.07)	**-1.24**	(0.11)
	Greece	2.54	(0.07)	3.00	(0.08)	3.23	(0.07)	3.95	(0.09)	**-1.41**	(0.11)
	Hungary	2.10	(0.06)	2.35	(0.06)	2.51	(0.07)	3.08	(0.11)	**-0.97**	(0.12)
	Iceland	2.73	(0.05)	2.88	(0.05)	3.06	(0.05)	3.22	(0.05)	**-0.49**	(0.07)
	Ireland	2.30	(0.07)	2.46	(0.06)	2.57	(0.06)	2.83	(0.06)	**-0.53**	(0.09)
	Italy	2.72	(0.06)	2.94	(0.06)	3.09	(0.06)	2.89	(0.10)	-0.18	(0.10)
	Japan	2.43	(0.05)	2.61	(0.06)	2.81	(0.07)	2.94	(0.08)	**-0.51**	(0.08)
	Korea	3.26	(0.07)	3.55	(0.07)	3.65	(0.07)	3.88	(0.13)	**-0.62**	(0.15)
	Luxembourg	2.01	(0.05)	2.24	(0.05)	2.46	(0.06)	2.65	(0.06)	**-0.65**	(0.08)
	Mexico	3.18	(0.10)	3.02	(0.06)	3.05	(0.06)	3.37	(0.06)	-0.16	(0.12)
	Netherlands	1.84	(0.08)	1.98	(0.06)	2.23	(0.07)	2.66	(0.07)	**-0.82**	(0.10)
	New Zealand	3.58	(0.08)	3.98	(0.07)	4.23	(0.06)	4.46	(0.06)	**-0.87**	(0.10)
	Norway	2.49	(0.05)	2.63	(0.04)	2.71	(0.04)	2.74	(0.05)	**-0.25**	(0.06)
	Poland	2.51	(0.06)	2.56	(0.05)	2.76	(0.05)	3.04	(0.05)	**-0.53**	(0.07)
	Portugal	2.56	(0.07)	3.06	(0.08)	3.33	(0.08)	3.90	(0.09)	**-1.33**	(0.12)
	Slovak Republic	1.81	(0.07)	2.20	(0.09)	2.51	(0.09)	3.30	(0.12)	**-1.50**	(0.12)
	Spain	2.65	(0.05)	2.88	(0.05)	3.20	(0.06)	3.74	(0.08)	**-1.10**	(0.09)
	Sweden	2.66	(0.04)	2.77	(0.05)	2.89	(0.04)	2.91	(0.04)	**-0.25**	(0.05)
	Switzerland	1.89	(0.05)	2.14	(0.05)	2.41	(0.07)	3.04	(0.07)	**-1.14**	(0.07)
	Turkey	2.38	(0.11)	2.58	(0.08)	2.77	(0.10)	3.73	(0.19)	**-1.34**	(0.20)
	United Kingdom	3.85	(0.06)	4.16	(0.05)	4.35	(0.04)	4.67	(0.05)	**-0.82**	(0.07)
	United States	2.85	(0.12)	3.33	(0.08)	3.68	(0.06)	4.20	(0.07)	**-1.36**	(0.15)
	OECD average	2.58	(0.01)	2.85	(0.01)	3.07	(0.01)	3.45	(0.02)	**-0.88**	(0.02)
Partners	Argentina	1.89	(0.08)	2.06	(0.07)	2.33	(0.08)	2.76	(0.09)	**-0.88**	(0.13)
	Azerbaijan	2.63	(0.07)	2.79	(0.09)	2.90	(0.09)	3.03	(0.08)	**-0.39**	(0.09)
	Brazil	1.91	(0.06)	1.97	(0.05)	2.15	(0.05)	2.83	(0.07)	**-0.92**	(0.09)
	Bulgaria	2.07	(0.11)	2.35	(0.08)	2.78	(0.09)	3.33	(0.12)	**-1.26**	(0.15)
	Chile	1.74	(0.06)	2.05	(0.06)	2.39	(0.07)	3.14	(0.08)	**-1.40**	(0.10)
	Colombia	3.36	(0.13)	3.41	(0.15)	3.27	(0.08)	3.96	(0.17)	**-0.59**	(0.15)
	Croatia	1.58	(0.06)	1.98	(0.06)	2.04	(0.07)	2.46	(0.06)	**-0.87**	(0.08)
	Estonia	3.06	(0.08)	3.13	(0.06)	3.27	(0.07)	3.63	(0.07)	**-0.57**	(0.10)
	Hong Kong-China	2.69	(0.09)	3.03	(0.09)	3.10	(0.09)	3.75	(0.11)	**-1.06**	(0.15)
	Indonesia	2.87	(0.08)	2.99	(0.08)	3.13	(0.09)	3.94	(0.11)	**-1.07**	(0.14)
	Israel	2.05	(0.07)	2.43	(0.08)	2.42	(0.09)	2.85	(0.09)	**-0.77**	(0.12)
	Jordan	2.81	(0.09)	3.08	(0.08)	3.34	(0.08)	3.75	(0.09)	**-0.95**	(0.12)
	Kyrgyzstan	1.94	(0.15)	1.87	(0.07)	2.10	(0.08)	2.45	(0.08)	**-0.50**	(0.17)
	Latvia	2.58	(0.08)	2.78	(0.09)	2.91	(0.08)	3.17	(0.10)	**-0.60**	(0.11)
	Liechtenstein	2.36	(0.17)	2.28	(0.16)	2.57	(0.17)	3.12	(0.19)	**-0.76**	(0.22)
	Lithuania	2.45	(0.07)	2.63	(0.06)	2.74	(0.06)	2.94	(0.06)	**-0.49**	(0.08)
	Macao-China	3.48	(0.07)	4.00	(0.09)	3.69	(0.07)	3.81	(0.07)	**-0.34**	(0.09)
	Montenegro	2.45	(0.07)	2.72	(0.08)	2.82	(0.08)	3.33	(0.08)	**-0.89**	(0.11)
	Qatar	2.18	(0.06)	2.45	(0.07)	2.95	(0.08)	3.06	(0.06)	**-0.87**	(0.09)
	Romania	1.89	(0.08)	2.03	(0.11)	2.27	(0.10)	2.86	(0.12)	**-0.98**	(0.13)
	Russian Federation	3.43	(0.12)	3.58	(0.11)	3.82	(0.09)	4.09	(0.08)	**-0.66**	(0.12)
	Serbia	2.42	(0.07)	2.65	(0.08)	2.91	(0.09)	3.46	(0.07)	**-1.04**	(0.09)
	Slovenia	2.29	(0.07)	2.70	(0.06)	2.82	(0.05)	3.46	(0.06)	**-1.16**	(0.09)
	Chinese Taipei	2.45	(0.08)	2.70	(0.07)	3.01	(0.07)	3.43	(0.07)	**-0.98**	(0.09)
	Thailand	3.59	(0.05)	3.68	(0.05)	3.59	(0.06)	4.39	(0.08)	**-0.81**	(0.09)
	Tunisia	2.34	(0.07)	2.45	(0.06)	2.60	(0.07)	3.10	(0.12)	**-0.76**	(0.13)
	Uruguay	1.98	(0.08)	2.21	(0.07)	2.53	(0.08)	2.90	(0.08)	**-0.92**	(0.09)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.7a [Part 2/7] Mean learning hours and allocation of total learning time in science, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Mean learning hours per week									
		Out-of-school-time lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	0.35	(0.02)	0.35	(0.02)	0.36	(0.02)	0.38	(0.02)	-0.04	(0.03)
	Austria	0.28	(0.03)	0.21	(0.03)	0.19	(0.02)	0.18	(0.03)	**0.10**	(0.04)
	Belgium	0.32	(0.02)	0.34	(0.03)	0.30	(0.02)	0.32	(0.02)	0.01	(0.03)
	Canada	0.52	(0.02)	0.52	(0.02)	0.59	(0.03)	0.59	(0.03)	**-0.07**	(0.03)
	Czech Republic	0.53	(0.03)	0.50	(0.04)	0.56	(0.04)	0.57	(0.03)	-0.05	(0.04)
	Denmark	0.78	(0.04)	0.71	(0.04)	0.75	(0.04)	0.84	(0.03)	-0.05	(0.05)
	Finland	0.33	(0.02)	0.34	(0.03)	0.32	(0.02)	0.30	(0.02)	0.03	(0.03)
	France	0.53	(0.03)	0.56	(0.03)	0.59	(0.03)	0.52	(0.03)	-0.00	(0.05)
	Germany	0.55	(0.04)	0.49	(0.03)	0.52	(0.04)	0.47	(0.03)	0.08	(0.05)
	Greece	1.54	(0.07)	1.90	(0.07)	2.15	(0.07)	2.37	(0.09)	**-0.83**	(0.12)
	Hungary	1.01	(0.04)	0.94	(0.04)	1.03	(0.05)	1.02	(0.06)	-0.01	(0.07)
	Iceland	0.26	(0.03)	0.23	(0.02)	0.36	(0.03)	0.32	(0.03)	-0.06	(0.04)
	Ireland	0.28	(0.02)	0.30	(0.02)	0.36	(0.02)	0.33	(0.02)	-0.05	(0.03)
	Italy	0.54	(0.03)	0.57	(0.03)	0.60	(0.03)	0.61	(0.03)	-0.07	(0.04)
	Japan	0.29	(0.02)	0.24	(0.02)	0.24	(0.02)	0.25	(0.02)	0.04	(0.03)
	Korea	0.69	(0.04)	0.87	(0.04)	1.16	(0.05)	1.37	(0.12)	**-0.68**	(0.13)
	Luxembourg	0.56	(0.03)	0.56	(0.03)	0.49	(0.03)	0.42	(0.03)	**0.15**	(0.05)
	Mexico	1.17	(0.06)	0.96	(0.03)	1.01	(0.04)	0.89	(0.05)	**0.29**	(0.09)
	Netherlands	0.60	(0.04)	0.54	(0.03)	0.53	(0.03)	0.47	(0.03)	**0.14**	(0.05)
	New Zealand	0.41	(0.03)	0.39	(0.03)	0.41	(0.03)	0.42	(0.03)	-0.01	(0.05)
	Norway	0.96	(0.03)	0.97	(0.04)	0.86	(0.04)	0.94	(0.04)	0.02	(0.05)
	Poland	0.60	(0.04)	0.59	(0.03)	0.62	(0.03)	0.67	(0.03)	-0.07	(0.05)
	Portugal	0.59	(0.04)	0.62	(0.04)	0.65	(0.04)	0.68	(0.04)	-0.09	(0.06)
	Slovak Republic	0.57	(0.03)	0.54	(0.04)	0.62	(0.04)	0.86	(0.04)	**-0.30**	(0.05)
	Spain	0.63	(0.03)	0.67	(0.04)	0.71	(0.04)	0.70	(0.05)	-0.07	(0.07)
	Sweden	0.50	(0.03)	0.50	(0.03)	0.49	(0.03)	0.50	(0.03)	0.00	(0.05)
	Switzerland	0.45	(0.02)	0.39	(0.02)	0.37	(0.02)	0.35	(0.02)	**0.10**	(0.03)
	Turkey	1.11	(0.07)	1.05	(0.06)	1.28	(0.06)	1.97	(0.10)	**-0.87**	(0.11)
	United Kingdom	0.45	(0.03)	0.48	(0.03)	0.51	(0.02)	0.49	(0.03)	-0.04	(0.04)
	United States	0.78	(0.06)	0.77	(0.03)	0.84	(0.03)	0.74	(0.04)	0.04	(0.07)
	OECD average	0.61	(0.01)	0.60	(0.01)	0.65	(0.01)	0.68	(0.01)	**-0.08**	(0.01)
Partners	Argentina	0.54	(0.05)	0.51	(0.04)	0.47	(0.04)	0.42	(0.04)	0.11	(0.06)
	Azerbaijan	1.36	(0.08)	1.33	(0.05)	1.33	(0.05)	1.42	(0.05)	-0.07	(0.09)
	Brazil	0.75	(0.04)	0.67	(0.04)	0.79	(0.04)	0.94	(0.05)	**-0.18**	(0.07)
	Bulgaria	0.95	(0.05)	1.02	(0.05)	0.96	(0.05)	1.01	(0.05)	-0.05	(0.06)
	Chile	0.81	(0.04)	0.79	(0.04)	0.83	(0.04)	0.89	(0.04)	-0.08	(0.05)
	Colombia	0.97	(0.05)	0.98	(0.09)	0.86	(0.04)	1.00	(0.07)	-0.03	(0.10)
	Croatia	0.41	(0.03)	0.39	(0.03)	0.42	(0.03)	0.51	(0.04)	**-0.11**	(0.05)
	Estonia	0.79	(0.04)	0.77	(0.03)	0.75	(0.05)	0.74	(0.04)	0.05	(0.05)
	Hong Kong-China	0.63	(0.04)	0.80	(0.05)	0.88	(0.04)	1.20	(0.05)	**-0.57**	(0.06)
	Indonesia	0.84	(0.04)	0.94	(0.04)	1.04	(0.06)	1.35	(0.11)	**-0.51**	(0.10)
	Israel	1.11	(0.06)	1.03	(0.06)	0.85	(0.04)	0.93	(0.05)	**0.18**	(0.08)
	Jordan	1.43	(0.06)	1.46	(0.06)	1.56	(0.05)	1.64	(0.06)	**-0.21**	(0.08)
	Kyrgyzstan	1.41	(0.05)	1.46	(0.06)	1.36	(0.06)	1.20	(0.05)	**0.21**	(0.07)
	Latvia	0.63	(0.04)	0.67	(0.04)	0.64	(0.03)	0.66	(0.04)	-0.03	(0.06)
	Liechtenstein	0.83	(0.15)	0.28	(0.07)	0.45	(0.11)	0.50	(0.13)	0.31	(0.19)
	Lithuania	0.66	(0.03)	0.56	(0.03)	0.55	(0.03)	0.49	(0.04)	**0.17**	(0.05)
	Macao-China	1.01	(0.05)	1.00	(0.04)	0.95	(0.05)	1.03	(0.06)	-0.02	(0.08)
	Montenegro	0.98	(0.05)	1.08	(0.06)	1.02	(0.05)	1.13	(0.05)	-0.15	(0.08)
	Qatar	1.45	(0.04)	1.40	(0.05)	1.53	(0.05)	1.56	(0.05)	-0.11	(0.06)
	Romania	1.03	(0.08)	0.93	(0.05)	1.02	(0.04)	1.12	(0.04)	-0.08	(0.11)
	Russian Federation	1.13	(0.05)	1.13	(0.05)	1.12	(0.06)	1.11	(0.04)	0.01	(0.07)
	Serbia	0.72	(0.04)	0.82	(0.04)	0.78	(0.04)	0.80	(0.04)	-0.08	(0.06)
	Slovenia	0.75	(0.04)	0.73	(0.04)	0.71	(0.03)	0.67	(0.03)	0.09	(0.05)
	Chinese Taipei	0.55	(0.03)	0.69	(0.03)	0.83	(0.04)	1.06	(0.05)	**-0.51**	(0.06)
	Thailand	0.56	(0.05)	0.75	(0.05)	0.81	(0.04)	1.53	(0.08)	**-0.96**	(0.10)
	Tunisia	1.80	(0.06)	1.85	(0.06)	1.84	(0.06)	2.23	(0.08)	**-0.43**	(0.10)
	Uruguay	0.58	(0.05)	0.58	(0.04)	0.68	(0.04)	0.60	(0.03)	-0.02	(0.07)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.7a [Part 3/7] Mean learning hours and allocation of total learning time in science, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Mean learning hours per week									
		Individual study									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	0.91	(0.03)	1.09	(0.03)	1.21	(0.04)	1.49	(0.03)	**-0.59**	(0.04)
	Austria	1.30	(0.05)	1.26	(0.05)	1.29	(0.06)	1.25	(0.06)	0.03	(0.06)
	Belgium	0.96	(0.04)	1.13	(0.03)	1.35	(0.04)	1.57	(0.03)	**-0.60**	(0.05)
	Canada	1.25	(0.04)	1.42	(0.04)	1.70	(0.04)	1.85	(0.05)	**-0.61**	(0.05)
	Czech Republic	0.92	(0.04)	1.03	(0.06)	0.97	(0.06)	1.09	(0.04)	**-0.18**	(0.05)
	Denmark	1.04	(0.04)	1.03	(0.04)	1.10	(0.03)	1.18	(0.04)	**-0.14**	(0.06)
	Finland	0.99	(0.04)	1.06	(0.03)	1.09	(0.03)	1.15	(0.03)	**-0.16**	(0.04)
	France	1.03	(0.04)	1.18	(0.05)	1.35	(0.05)	1.71	(0.05)	**-0.67**	(0.07)
	Germany	1.58	(0.05)	1.70	(0.05)	1.79	(0.05)	1.77	(0.05)	**-0.20**	(0.08)
	Greece	1.60	(0.06)	1.67	(0.06)	1.88	(0.06)	2.23	(0.06)	**-0.62**	(0.08)
	Hungary	1.43	(0.04)	1.56	(0.06)	1.59	(0.05)	1.80	(0.07)	**-0.37**	(0.08)
	Iceland	1.07	(0.04)	1.12	(0.03)	1.18	(0.04)	1.30	(0.04)	**-0.23**	(0.05)
	Ireland	0.97	(0.05)	1.11	(0.04)	1.29	(0.04)	1.43	(0.05)	**-0.46**	(0.06)
	Italy	1.86	(0.04)	2.05	(0.05)	2.26	(0.05)	2.21	(0.08)	**-0.36**	(0.08)
	Japan	0.54	(0.02)	0.64	(0.03)	0.75	(0.03)	0.82	(0.03)	**-0.28**	(0.03)
	Korea	0.91	(0.04)	1.03	(0.04)	1.27	(0.05)	1.67	(0.15)	**-0.76**	(0.16)
	Luxembourg	1.17	(0.04)	1.31	(0.04)	1.26	(0.04)	1.27	(0.04)	-0.10	(0.06)
	Mexico	2.16	(0.07)	2.10	(0.04)	2.11	(0.04)	2.13	(0.04)	0.04	(0.08)
	Netherlands	1.11	(0.04)	1.10	(0.04)	1.26	(0.05)	1.38	(0.04)	**-0.27**	(0.05)
	New Zealand	1.02	(0.04)	1.19	(0.05)	1.35	(0.04)	1.57	(0.05)	**-0.56**	(0.06)
	Norway	1.15	(0.04)	1.22	(0.04)	1.18	(0.04)	1.36	(0.04)	**-0.21**	(0.05)
	Poland	2.01	(0.05)	1.91	(0.05)	2.02	(0.05)	2.14	(0.06)	-0.13	(0.08)
	Portugal	1.83	(0.06)	2.07	(0.06)	2.13	(0.06)	2.31	(0.06)	**-0.49**	(0.09)
	Slovak Republic	1.18	(0.05)	1.28	(0.06)	1.42	(0.07)	1.68	(0.07)	**-0.51**	(0.08)
	Spain	1.45	(0.05)	1.63	(0.04)	1.81	(0.05)	2.06	(0.05)	**-0.61**	(0.07)
	Sweden	1.02	(0.04)	1.11	(0.03)	1.21	(0.04)	1.27	(0.04)	**-0.26**	(0.06)
	Switzerland	1.06	(0.03)	1.07	(0.03)	1.09	(0.03)	1.24	(0.03)	**-0.18**	(0.04)
	Turkey	1.47	(0.05)	1.51	(0.06)	1.62	(0.07)	1.96	(0.11)	**-0.49**	(0.12)
	United Kingdom	1.15	(0.03)	1.38	(0.03)	1.52	(0.04)	1.77	(0.04)	**-0.61**	(0.05)
	United States	1.40	(0.05)	1.48	(0.04)	1.77	(0.05)	2.08	(0.06)	**-0.69**	(0.08)
	OECD average	1.25	(0.01)	1.35	(0.01)	1.46	(0.01)	1.63	(0.01)	**-0.38**	(0.01)
Partners	Argentina	1.35	(0.06)	1.57	(0.05)	1.67	(0.06)	1.77	(0.07)	**-0.41**	(0.09)
	Azerbaijan	2.48	(0.09)	2.60	(0.07)	2.71	(0.07)	2.78	(0.08)	**-0.27**	(0.12)
	Brazil	1.69	(0.05)	1.54	(0.04)	1.74	(0.05)	1.83	(0.03)	**-0.14**	(0.07)
	Bulgaria	1.65	(0.08)	1.81	(0.06)	2.13	(0.08)	2.44	(0.09)	**-0.78**	(0.11)
	Chile	1.37	(0.04)	1.42	(0.04)	1.66	(0.06)	1.63	(0.05)	**-0.27**	(0.06)
	Colombia	1.83	(0.07)	1.85	(0.07)	1.68	(0.06)	1.95	(0.09)	-0.10	(0.13)
	Croatia	1.26	(0.06)	1.42	(0.06)	1.49	(0.06)	1.68	(0.05)	**-0.41**	(0.07)
	Estonia	1.41	(0.04)	1.50	(0.05)	1.58	(0.04)	1.67	(0.05)	**-0.26**	(0.07)
	Hong Kong-China	1.14	(0.05)	1.34	(0.05)	1.40	(0.06)	1.88	(0.08)	**-0.75**	(0.09)
	Indonesia	1.73	(0.05)	1.69	(0.04)	1.80	(0.06)	1.91	(0.09)	**-0.19**	(0.10)
	Israel	1.46	(0.06)	1.42	(0.07)	1.22	(0.06)	1.33	(0.06)	0.15	(0.08)
	Jordan	2.42	(0.08)	2.58	(0.07)	2.71	(0.06)	2.88	(0.08)	**-0.46**	(0.10)
	Kyrgyzstan	2.13	(0.09)	2.17	(0.06)	2.13	(0.06)	2.12	(0.06)	0.00	(0.10)
	Latvia	1.66	(0.06)	1.80	(0.06)	1.83	(0.05)	1.91	(0.06)	**-0.25**	(0.08)
	Liechtenstein	1.14	(0.11)	0.98	(0.11)	1.14	(0.14)	1.49	(0.13)	**-0.35**	(0.18)
	Lithuania	1.62	(0.05)	1.57	(0.05)	1.69	(0.05)	1.87	(0.05)	**-0.25**	(0.07)
	Macao-China	1.21	(0.04)	1.34	(0.05)	1.38	(0.05)	1.56	(0.06)	**-0.34**	(0.07)
	Montenegro	2.03	(0.06)	2.17	(0.06)	2.24	(0.07)	2.37	(0.06)	**-0.35**	(0.09)
	Qatar	1.84	(0.05)	1.96	(0.05)	2.14	(0.05)	2.21	(0.05)	**-0.38**	(0.06)
	Romania	1.44	(0.09)	1.46	(0.08)	1.68	(0.07)	1.88	(0.06)	**-0.44**	(0.12)
	Russian Federation	2.62	(0.09)	2.82	(0.09)	2.93	(0.07)	3.11	(0.06)	**-0.50**	(0.10)
	Serbia	1.47	(0.06)	1.66	(0.06)	1.68	(0.07)	2.03	(0.07)	**-0.56**	(0.08)
	Slovenia	1.40	(0.05)	1.58	(0.05)	1.51	(0.05)	1.64	(0.05)	**-0.24**	(0.07)
	Chinese Taipei	0.86	(0.03)	1.11	(0.04)	1.31	(0.04)	1.69	(0.05)	**-0.84**	(0.06)
	Thailand	1.70	(0.07)	1.75	(0.05)	1.74	(0.05)	2.03	(0.05)	**-0.33**	(0.09)
	Tunisia	2.48	(0.07)	2.53	(0.07)	2.55	(0.06)	2.87	(0.07)	**-0.39**	(0.11)
	Uruguay	1.12	(0.06)	1.29	(0.05)	1.40	(0.05)	1.47	(0.05)	**-0.35**	(0.07)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.7a [Part 4/7] Mean learning hours and allocation of total learning time in science, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Mean learning hours per week									
		Total learning hours									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	4.10	(0.08)	4.58	(0.06)	4.88	(0.08)	5.56	(0.08)	**-1.47**	(0.10)
	Austria	3.63	(0.11)	3.72	(0.11)	4.08	(0.14)	4.42	(0.14)	**-0.81**	(0.14)
	Belgium	3.26	(0.12)	3.94	(0.11)	4.48	(0.10)	5.16	(0.07)	**-1.86**	(0.14)
	Canada	5.26	(0.09)	5.87	(0.09)	6.50	(0.09)	6.91	(0.11)	**-1.68**	(0.11)
	Czech Republic	3.87	(0.10)	4.21	(0.14)	4.48	(0.18)	5.32	(0.14)	**-1.48**	(0.15)
	Denmark	4.82	(0.12)	4.91	(0.11)	5.05	(0.08)	5.46	(0.10)	**-0.64**	(0.14)
	Finland	4.18	(0.10)	4.42	(0.08)	4.57	(0.08)	4.91	(0.07)	**-0.74**	(0.11)
	France	3.63	(0.11)	4.32	(0.11)	4.93	(0.12)	6.05	(0.12)	**-2.43**	(0.16)
	Germany	4.54	(0.13)	5.17	(0.11)	5.62	(0.12)	5.84	(0.10)	**-1.33**	(0.16)
	Greece	5.66	(0.16)	6.61	(0.16)	7.24	(0.15)	8.56	(0.16)	**-2.92**	(0.23)
	Hungary	4.53	(0.11)	4.87	(0.13)	5.13	(0.12)	5.89	(0.21)	**-1.35**	(0.23)
	Iceland	4.04	(0.08)	4.21	(0.07)	4.61	(0.08)	4.83	(0.08)	**-0.79**	(0.11)
	Ireland	3.55	(0.12)	3.86	(0.10)	4.22	(0.10)	4.58	(0.10)	**-1.03**	(0.15)
	Italy	5.12	(0.10)	5.57	(0.11)	5.95	(0.12)	5.68	(0.19)	**-0.56**	(0.18)
	Japan	3.26	(0.07)	3.49	(0.08)	3.81	(0.09)	4.01	(0.10)	**-0.76**	(0.09)
	Korea	4.89	(0.11)	5.47	(0.11)	6.10	(0.14)	6.89	(0.39)	**-2.01**	(0.42)
	Luxembourg	3.73	(0.09)	4.14	(0.09)	4.19	(0.10)	4.34	(0.08)	**-0.61**	(0.12)
	Mexico	6.43	(0.17)	6.05	(0.09)	6.13	(0.10)	6.36	(0.11)	0.10	(0.20)
	Netherlands	3.55	(0.12)	3.60	(0.10)	4.00	(0.12)	4.47	(0.10)	**-0.91**	(0.14)
	New Zealand	5.01	(0.12)	5.57	(0.11)	5.99	(0.09)	6.46	(0.10)	**-1.44**	(0.15)
	Norway	4.61	(0.09)	4.82	(0.09)	4.74	(0.09)	5.03	(0.10)	**-0.41**	(0.13)
	Poland	5.14	(0.10)	5.07	(0.10)	5.40	(0.10)	5.83	(0.11)	**-0.71**	(0.15)
	Portugal	5.01	(0.13)	5.75	(0.14)	6.10	(0.13)	6.86	(0.16)	**-1.87**	(0.21)
	Slovak Republic	3.60	(0.13)	4.02	(0.17)	4.54	(0.16)	5.88	(0.18)	**-2.29**	(0.20)
	Spain	4.78	(0.10)	5.20	(0.10)	5.73	(0.10)	6.52	(0.13)	**-1.74**	(0.16)
	Sweden	4.18	(0.09)	4.36	(0.06)	4.59	(0.07)	4.67	(0.08)	**-0.50**	(0.12)
	Switzerland	3.41	(0.07)	3.61	(0.08)	3.85	(0.09)	4.62	(0.10)	**-1.20**	(0.11)
	Turkey	4.89	(0.20)	5.12	(0.17)	5.61	(0.20)	7.63	(0.38)	**-2.74**	(0.41)
	United Kingdom	5.47	(0.09)	6.02	(0.08)	6.38	(0.07)	6.92	(0.09)	**-1.44**	(0.11)
	United States	5.07	(0.14)	5.63	(0.11)	6.31	(0.10)	7.04	(0.11)	**-1.98**	(0.20)
	OECD average	4.44	(0.02)	4.81	(0.02)	5.17	(0.02)	5.76	(0.03)	**-1.32**	(0.03)
Partners	Argentina	3.76	(0.13)	4.13	(0.11)	4.46	(0.13)	4.94	(0.13)	**-1.18**	(0.18)
	Azerbaijan	6.52	(0.18)	6.72	(0.16)	6.91	(0.16)	7.17	(0.16)	**-0.60**	(0.23)
	Brazil	4.33	(0.11)	4.21	(0.10)	4.65	(0.10)	5.60	(0.12)	**-1.23**	(0.16)
	Bulgaria	4.73	(0.18)	5.21	(0.14)	5.91	(0.16)	6.75	(0.22)	**-2.04**	(0.25)
	Chile	3.93	(0.10)	4.28	(0.10)	4.91	(0.13)	5.69	(0.12)	**-1.75**	(0.15)
	Colombia	6.12	(0.14)	6.28	(0.27)	5.80	(0.14)	6.93	(0.30)	**-0.78**	(0.33)
	Croatia	3.27	(0.13)	3.80	(0.12)	3.97	(0.13)	4.68	(0.10)	**-1.40**	(0.14)
	Estonia	5.28	(0.10)	5.39	(0.10)	5.61	(0.12)	6.02	(0.10)	**-0.75**	(0.13)
	Hong Kong-China	4.45	(0.15)	5.18	(0.15)	5.34	(0.16)	6.84	(0.20)	**-2.38**	(0.27)
	Indonesia	5.41	(0.12)	5.60	(0.11)	5.95	(0.14)	7.22	(0.25)	**-1.80**	(0.28)
	Israel	4.63	(0.16)	4.88	(0.17)	4.45	(0.16)	5.11	(0.16)	-0.42	(0.23)
	Jordan	6.70	(0.15)	7.10	(0.15)	7.58	(0.10)	8.24	(0.14)	**-1.55**	(0.19)
	Kyrgyzstan	5.64	(0.22)	5.49	(0.13)	5.58	(0.13)	5.79	(0.14)	-0.15	(0.26)
	Latvia	4.86	(0.14)	5.22	(0.13)	5.40	(0.11)	5.73	(0.16)	**-0.88**	(0.21)
	Liechtenstein	4.22	(0.31)	3.59	(0.22)	4.16	(0.26)	5.20	(0.28)	**-0.96**	(0.44)
	Lithuania	4.72	(0.12)	4.78	(0.11)	4.97	(0.09)	5.30	(0.11)	**-0.59**	(0.15)
	Macao-China	5.70	(0.11)	6.33	(0.13)	6.01	(0.12)	6.39	(0.13)	**-0.70**	(0.16)
	Montenegro	5.48	(0.13)	5.95	(0.14)	6.08	(0.16)	6.82	(0.14)	**-1.35**	(0.20)
	Qatar	5.48	(0.09)	5.84	(0.13)	6.66	(0.14)	6.84	(0.13)	**-1.35**	(0.16)
	Romania	4.37	(0.21)	4.40	(0.16)	4.94	(0.16)	5.80	(0.19)	**-1.46**	(0.31)
	Russian Federation	7.15	(0.19)	7.55	(0.19)	7.88	(0.18)	8.32	(0.13)	**-1.19**	(0.21)
	Serbia	4.59	(0.12)	5.16	(0.13)	5.38	(0.16)	6.28	(0.14)	**-1.67**	(0.17)
	Slovenia	4.45	(0.12)	5.02	(0.11)	5.06	(0.10)	5.77	(0.10)	**-1.32**	(0.16)
	Chinese Taipei	3.90	(0.13)	4.52	(0.12)	5.19	(0.12)	6.18	(0.13)	**-2.30**	(0.17)
	Thailand	5.84	(0.13)	6.18	(0.10)	6.14	(0.13)	7.94	(0.17)	**-2.11**	(0.24)
	Tunisia	6.57	(0.14)	6.78	(0.15)	7.02	(0.13)	8.20	(0.24)	**-1.61**	(0.28)
	Uruguay	3.71	(0.16)	4.10	(0.11)	4.62	(0.14)	4.97	(0.13)	**-1.27**	(0.17)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.7a [Part 5/7] Mean learning hours and allocation of total learning time in science, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Allocation of total learning time in science for									
		Regular school lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	72.1	(0.6)	71.9	(0.5)	70.6	(0.5)	69.2	(0.5)	**2.6**	(0.8)
	Austria	58.3	(1.0)	62.7	(1.0)	65.5	(1.0)	70.0	(0.9)	**-11.5**	(1.3)
	Belgium	62.2	(0.8)	63.4	(0.8)	63.7	(0.6)	64.9	(0.5)	**-3.0**	(1.1)
	Canada	66.2	(0.7)	67.1	(0.6)	65.6	(0.6)	66.1	(0.5)	-0.0	(0.8)
	Czech Republic	66.2	(1.2)	67.4	(1.3)	69.8	(0.9)	71.5	(0.7)	**-4.8**	(1.3)
	Denmark	66.5	(1.0)	67.5	(0.8)	66.6	(0.8)	66.3	(0.6)	0.2	(1.1)
	Finland	70.7	(0.7)	70.3	(0.6)	70.5	(0.7)	72.2	(0.6)	-1.6	(0.9)
	France	61.9	(1.0)	62.1	(0.9)	62.9	(0.8)	65.1	(0.7)	**-3.5**	(1.1)
	Germany	52.4	(0.9)	58.3	(0.8)	59.0	(1.0)	62.2	(0.8)	**-9.9**	(1.2)
	Greece	48.7	(0.8)	48.0	(0.9)	47.1	(0.9)	49.5	(0.9)	-1.0	(1.2)
	Hungary	48.5	(0.9)	51.0	(0.9)	52.0	(0.9)	54.7	(0.7)	**-6.2**	(1.2)
	Iceland	70.3	(0.7)	70.9	(0.7)	70.1	(0.8)	69.3	(0.7)	0.9	(1.0)
	Ireland	68.0	(0.9)	66.8	(1.0)	64.9	(0.7)	65.4	(0.8)	**2.6**	(1.2)
	Italy	54.9	(0.6)	54.3	(0.5)	53.9	(0.5)	52.9	(0.5)	**2.0**	(0.8)
	Japan	79.8	(0.7)	79.2	(0.7)	77.8	(0.8)	77.0	(0.6)	**2.9**	(0.8)
	Korea	72.4	(0.8)	70.3	(0.7)	65.2	(0.8)	61.8	(1.1)	**10.7**	(1.3)
	Luxembourg	57.2	(0.9)	57.9	(1.0)	61.6	(0.8)	62.6	(0.8)	**-6.1**	(1.3)
	Mexico	47.6	(1.1)	46.8	(0.6)	47.7	(0.6)	52.1	(0.8)	**-4.4**	(1.4)
	Netherlands	53.4	(1.0)	55.6	(0.9)	56.1	(1.3)	60.7	(0.9)	**-7.5**	(1.2)
	New Zealand	73.7	(0.8)	73.6	(0.7)	73.2	(0.7)	71.7	(0.6)	**2.2**	(1.0)
	Norway	59.3	(0.8)	59.4	(0.9)	61.1	(0.8)	58.7	(0.8)	0.4	(1.1)
	Poland	51.7	(0.7)	52.9	(0.7)	53.6	(0.7)	54.4	(0.6)	**-2.6**	(0.9)
	Portugal	52.2	(1.0)	53.4	(0.8)	55.4	(0.7)	57.6	(0.7)	**-5.4**	(1.2)
	Slovak Republic	56.1	(0.9)	59.7	(1.2)	59.2	(1.1)	60.0	(0.9)	**-3.9**	(1.3)
	Spain	58.9	(0.8)	57.9	(0.6)	59.1	(0.7)	59.8	(0.5)	-0.8	(1.0)
	Sweden	67.5	(0.9)	66.4	(0.9)	66.4	(0.7)	66.6	(0.7)	1.0	(1.0)
	Switzerland	58.0	(0.9)	61.1	(0.8)	63.3	(0.8)	65.9	(0.5)	**-8.2**	(1.1)
	Turkey	49.0	(0.9)	52.6	(1.1)	51.4	(1.0)	51.7	(0.9)	-2.5	(1.4)
	United Kingdom	72.4	(0.7)	70.9	(0.5)	69.8	(0.5)	69.7	(0.5)	**2.8**	(0.8)
	United States	56.2	(1.4)	58.4	(0.8)	59.1	(0.8)	60.8	(0.7)	**-4.6**	(1.6)
	OECD average	61.1	(0.2)	61.9	(0.2)	62.1	(0.1)	63.0	(0.1)	**-2.0**	(0.2)
Partners	Argentina	52.4	(1.3)	50.4	(1.4)	52.8	(1.2)	57.0	(1.2)	**-4.9**	(1.8)
	Azerbaijan	41.9	(1.1)	41.7	(0.9)	44.0	(0.9)	44.9	(0.9)	**-3.1**	(1.3)
	Brazil	48.2	(0.9)	50.9	(0.9)	49.1	(0.9)	53.0	(0.8)	**-4.9**	(1.2)
	Bulgaria	46.4	(1.2)	47.8	(1.2)	49.6	(1.0)	51.5	(0.8)	**-5.5**	(1.5)
	Chile	44.5	(0.9)	47.6	(0.9)	47.5	(0.9)	56.5	(0.7)	**-11.4**	(1.1)
	Colombia	58.2	(1.5)	57.8	(1.1)	59.2	(1.0)	60.3	(0.9)	-2.4	(1.9)
	Croatia	51.1	(1.0)	55.5	(0.8)	54.9	(0.9)	56.5	(1.1)	**-5.6**	(1.3)
	Estonia	61.2	(1.0)	60.5	(0.9)	61.1	(0.8)	63.2	(0.9)	-2.0	(1.2)
	Hong Kong-China	63.3	(1.0)	62.5	(0.9)	60.3	(0.8)	57.9	(0.8)	**5.3**	(1.3)
	Indonesia	54.4	(1.0)	54.2	(0.8)	53.6	(1.4)	56.2	(1.5)	-1.9	(1.3)
	Israel	47.4	(1.5)	54.1	(1.3)	56.8	(1.2)	59.4	(1.1)	**-11.9**	(1.8)
	Jordan	40.9	(1.0)	42.3	(0.8)	43.5	(0.8)	45.0	(0.9)	**-4.2**	(1.2)
	Kyrgyzstan	32.8	(1.3)	33.0	(0.9)	35.0	(1.0)	40.9	(1.0)	**-7.9**	(1.5)
	Latvia	54.9	(0.8)	55.1	(1.0)	56.5	(0.8)	57.9	(0.7)	**-3.0**	(1.0)
	Liechtenstein	57.0	(2.7)	64.0	(2.7)	65.4	(2.8)	61.0	(2.4)	-4.3	(3.7)
	Lithuania	55.0	(1.0)	58.3	(0.7)	57.9	(0.7)	57.2	(0.9)	-2.1	(1.2)
	Macao-China	64.7	(0.9)	66.3	(0.8)	64.7	(0.9)	63.4	(0.8)	1.2	(1.1)
	Montenegro	44.4	(0.8)	46.4	(0.9)	47.0	(0.9)	49.5	(0.8)	**-5.2**	(1.1)
	Qatar	38.6	(0.8)	39.4	(0.7)	42.3	(0.7)	42.5	(0.6)	**-3.9**	(1.0)
	Romania	44.5	(1.5)	48.4	(1.6)	49.1	(1.2)	50.6	(0.9)	**-6.1**	(1.7)
	Russian Federation	47.8	(0.9)	47.3	(0.7)	49.4	(0.7)	49.9	(0.7)	-2.1	(1.1)
	Serbia	56.3	(0.8)	55.2	(1.0)	57.9	(0.9)	58.0	(0.8)	-2.0	(1.1)
	Slovenia	52.3	(0.9)	53.9	(0.8)	56.3	(0.9)	60.4	(0.8)	**-7.7**	(1.1)
	Chinese Taipei	67.6	(0.8)	64.6	(0.7)	62.8	(0.7)	59.8	(0.6)	**7.6**	(1.0)
	Thailand	66.3	(0.8)	64.1	(0.6)	63.9	(0.7)	61.2	(0.7)	**5.1**	(1.2)
	Tunisia	36.7	(0.7)	37.1	(0.7)	37.8	(0.9)	37.4	(0.8)	-0.6	(1.1)
	Uruguay	55.0	(1.0)	55.0	(1.0)	55.2	(0.9)	59.5	(0.9)	**-4.2**	(1.4)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.7a [Part 6/7] Mean learning hours and allocation of total learning time in science, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Allocation of total learning time in science for									
		Out-of-school-time lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	6.9	(0.4)	6.2	(0.2)	6.1	(0.3)	5.8	(0.3)	**1.2**	(0.5)
	Austria	6.4	(0.6)	4.3	(0.5)	3.6	(0.5)	2.6	(0.3)	**3.7**	(0.8)
	Belgium	8.3	(0.5)	7.2	(0.5)	5.8	(0.4)	4.9	(0.3)	**3.4**	(0.6)
	Canada	9.3	(0.4)	8.4	(0.4)	8.4	(0.4)	7.8	(0.3)	**1.6**	(0.5)
	Czech Republic	11.1	(0.7)	9.7	(0.6)	9.9	(0.5)	8.9	(0.5)	**2.0**	(0.8)
	Denmark	13.6	(0.5)	12.4	(0.5)	12.7	(0.5)	13.5	(0.4)	0.1	(0.7)
	Finland	6.7	(0.4)	6.1	(0.4)	6.0	(0.3)	4.9	(0.4)	**1.7**	(0.5)
	France	12.0	(0.7)	11.8	(0.6)	10.4	(0.5)	8.6	(0.6)	**3.5**	(0.9)
	Germany	10.5	(0.6)	8.0	(0.5)	8.2	(0.6)	7.2	(0.4)	**3.5**	(0.6)
	Greece	24.0	(0.6)	26.9	(0.7)	27.7	(0.7)	26.2	(0.9)	**-2.4**	(1.1)
	Hungary	20.7	(0.8)	17.5	(0.7)	17.5	(0.7)	15.7	(0.6)	**5.0**	(1.0)
	Iceland	4.9	(0.4)	4.2	(0.4)	5.9	(0.5)	5.3	(0.4)	-0.4	(0.6)
	Ireland	6.3	(0.5)	5.9	(0.4)	6.8	(0.4)	5.6	(0.4)	0.6	(0.6)
	Italy	9.2	(0.4)	9.3	(0.4)	8.7	(0.3)	9.4	(0.5)	-0.3	(0.6)
	Japan	6.2	(0.4)	4.8	(0.4)	4.8	(0.4)	4.7	(0.3)	**1.4**	(0.5)
	Korea	10.6	(0.6)	12.7	(0.6)	15.7	(0.6)	16.3	(0.7)	**-5.7**	(0.8)
	Luxembourg	12.2	(0.7)	11.3	(0.6)	8.6	(0.6)	7.7	(0.5)	**4.7**	(0.9)
	Mexico	16.5	(0.9)	14.8	(0.5)	15.5	(0.4)	12.9	(0.6)	**3.7**	(1.1)
	Netherlands	14.6	(0.8)	13.9	(0.7)	12.7	(0.9)	9.2	(0.6)	**5.4**	(1.0)
	New Zealand	7.0	(0.6)	6.2	(0.4)	5.9	(0.4)	5.6	(0.4)	1.2	(0.7)
	Norway	18.0	(0.5)	17.3	(0.6)	15.9	(0.6)	16.2	(0.6)	**1.8**	(0.7)
	Poland	10.4	(0.6)	10.4	(0.5)	10.1	(0.5)	10.2	(0.4)	0.3	(0.7)
	Portugal	10.4	(0.7)	9.5	(0.6)	8.8	(0.4)	8.5	(0.4)	**2.1**	(0.8)
	Slovak Republic	12.3	(0.6)	10.5	(0.7)	11.6	(0.7)	12.4	(0.5)	-0.1	(0.8)
	Spain	11.3	(0.5)	11.4	(0.5)	10.5	(0.5)	9.6	(0.6)	1.8	(0.9)
	Sweden	9.5	(0.5)	9.1	(0.5)	9.2	(0.4)	8.7	(0.5)	0.7	(0.7)
	Switzerland	10.2	(0.5)	8.4	(0.4)	8.1	(0.4)	6.5	(0.3)	**3.8**	(0.6)
	Turkey	20.7	(0.8)	18.4	(0.8)	20.9	(0.8)	23.9	(0.7)	**-2.9**	(1.1)
	United Kingdom	7.0	(0.4)	7.0	(0.3)	6.9	(0.2)	6.0	(0.3)	**1.1**	(0.4)
	United States	15.0	(1.1)	13.1	(0.6)	12.4	(0.5)	9.6	(0.5)	**5.3**	(1.3)
	OECD average	11.4	(0.1)	10.6	(0.1)	10.5	(0.1)	9.8	(0.1)	**1.6**	(0.1)
Partners	Argentina	11.5	(1.0)	11.2	(0.9)	9.0	(0.6)	6.9	(0.7)	**4.8**	(1.3)
	Azerbaijan	21.3	(0.9)	20.2	(0.8)	17.9	(0.7)	17.9	(0.6)	**3.1**	(1.0)
	Brazil	13.8	(0.8)	13.9	(0.7)	14.6	(0.6)	14.3	(0.6)	-0.3	(1.0)
	Bulgaria	18.9	(0.9)	17.7	(0.9)	14.7	(0.8)	13.7	(0.7)	**5.4**	(1.1)
	Chile	19.3	(0.8)	17.4	(0.7)	15.2	(0.5)	13.4	(0.6)	**5.8**	(0.9)
	Colombia	13.6	(0.7)	13.5	(0.7)	12.8	(0.6)	12.4	(0.7)	1.2	(1.0)
	Croatia	11.0	(0.7)	9.8	(0.6)	9.3	(0.6)	9.4	(0.7)	**2.1**	(1.0)
	Estonia	13.5	(0.6)	13.6	(0.6)	12.3	(0.6)	11.0	(0.7)	**2.5**	(0.9)
	Hong Kong-China	11.5	(0.6)	13.6	(0.6)	14.7	(0.6)	15.6	(0.6)	**-4.0**	(0.8)
	Indonesia	13.8	(0.7)	15.2	(0.6)	16.0	(0.9)	17.3	(1.2)	**-3.6**	(0.9)
	Israel	21.7	(1.0)	18.9	(0.7)	16.9	(0.7)	15.8	(0.6)	**5.8**	(1.1)
	Jordan	20.8	(0.7)	20.3	(0.6)	20.5	(0.7)	19.4	(0.8)	1.4	(1.1)
	Kyrgyzstan	27.1	(1.0)	27.7	(0.9)	26.6	(1.1)	22.0	(0.7)	**5.1**	(1.2)
	Latvia	11.3	(0.7)	11.1	(0.7)	10.2	(0.5)	9.1	(0.5)	**2.2**	(1.0)
	Liechtenstein	14.5	(2.1)	8.2	(1.8)	9.1	(2.0)	8.8	(2.1)	5.3	(2.8)
	Lithuania	12.4	(0.7)	10.0	(0.5)	9.5	(0.4)	8.3	(0.5)	**4.2**	(0.9)
	Macao-China	15.5	(0.7)	14.1	(0.6)	14.2	(0.6)	14.2	(0.7)	1.4	(1.0)
	Montenegro	16.7	(0.6)	16.8	(0.8)	15.7	(0.8)	15.2	(0.6)	1.6	(1.0)
	Qatar	26.5	(0.6)	25.2	(0.6)	24.0	(0.8)	23.5	(0.6)	**3.1**	(0.9)
	Romania	22.2	(1.5)	19.7	(1.5)	18.0	(0.8)	18.0	(0.8)	**4.0**	(1.8)
	Russian Federation	16.7	(1.0)	16.1	(0.8)	14.2	(0.6)	13.0	(0.5)	**3.8**	(1.0)
	Serbia	14.2	(0.7)	14.3	(0.6)	13.4	(0.7)	11.4	(0.5)	**3.0**	(1.0)
	Slovenia	15.0	(0.6)	13.6	(0.5)	13.2	(0.6)	10.8	(0.5)	**4.2**	(0.8)
	Chinese Taipei	11.4	(0.5)	11.7	(0.5)	12.6	(0.5)	13.4	(0.5)	**-2.1**	(0.7)
	Thailand	6.9	(0.5)	9.0	(0.6)	9.6	(0.5)	14.3	(0.7)	**-7.4**	(0.9)
	Tunisia	25.9	(0.8)	26.1	(0.7)	25.3	(0.8)	26.1	(0.5)	-0.2	(1.0)
	Uruguay	12.8	(0.7)	12.5	(0.7)	13.0	(0.6)	9.8	(0.5)	**3.0**	(1.0)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.7a [Part 7/7] Mean learning hours and allocation of total learning time in science, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Allocation of total learning time in science for Individual study									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	21.0	(0.4)	21.9	(0.5)	23.3	(0.4)	25.0	(0.4)	**-3.9**	(0.6)
	Austria	35.3	(0.9)	33.0	(0.9)	30.9	(1.0)	27.4	(0.8)	**7.7**	(1.2)
	Belgium	29.5	(0.7)	29.4	(0.6)	30.5	(0.5)	30.2	(0.5)	-0.3	(0.9)
	Canada	24.4	(0.6)	24.6	(0.5)	26.0	(0.5)	26.1	(0.5)	**-1.6**	(0.7)
	Czech Republic	22.6	(0.9)	23.0	(1.1)	20.4	(0.8)	19.6	(0.7)	**2.7**	(1.1)
	Denmark	20.0	(0.6)	20.1	(0.6)	20.8	(0.5)	20.2	(0.5)	-0.4	(0.8)
	Finland	22.6	(0.6)	23.6	(0.5)	23.5	(0.6)	22.9	(0.5)	-0.2	(0.8)
	France	26.1	(0.7)	26.1	(0.7)	26.6	(0.6)	26.4	(0.5)	-0.1	(0.8)
	Germany	37.2	(0.7)	33.6	(0.6)	32.9	(0.7)	30.6	(0.6)	**6.4**	(1.1)
	Greece	27.4	(0.6)	25.0	(0.7)	25.2	(0.6)	24.2	(0.5)	**3.3**	(0.7)
	Hungary	30.9	(0.6)	31.4	(0.7)	30.5	(0.7)	29.7	(0.5)	1.3	(0.8)
	Iceland	24.8	(0.6)	24.9	(0.6)	24.1	(0.6)	25.4	(0.6)	-0.6	(0.8)
	Ireland	25.7	(0.7)	27.3	(0.8)	28.3	(0.6)	29.1	(0.7)	**-3.3**	(1.0)
	Italy	36.0	(0.6)	36.4	(0.3)	37.4	(0.5)	37.7	(0.4)	**-1.7**	(0.6)
	Japan	14.1	(0.5)	16.0	(0.6)	17.4	(0.7)	18.3	(0.5)	**-4.2**	(0.6)
	Korea	17.0	(0.6)	16.9	(0.5)	19.1	(0.5)	21.9	(0.7)	**-4.9**	(0.9)
	Luxembourg	30.6	(0.7)	30.8	(0.8)	29.8	(0.8)	29.7	(0.6)	1.3	(0.9)
	Mexico	35.9	(0.7)	38.4	(0.6)	36.8	(0.5)	35.1	(0.6)	0.7	(0.9)
	Netherlands	32.1	(0.9)	30.5	(0.7)	31.3	(0.8)	30.1	(0.7)	2.0	(1.1)
	New Zealand	19.3	(0.6)	20.2	(0.5)	20.8	(0.5)	22.7	(0.6)	**-3.4**	(0.8)
	Norway	22.7	(0.6)	23.4	(0.5)	22.9	(0.5)	25.1	(0.5)	**-2.2**	(0.8)
	Poland	37.8	(0.6)	36.6	(0.7)	36.4	(0.6)	35.4	(0.6)	**2.5**	(0.9)
	Portugal	37.3	(0.9)	37.2	(0.6)	35.8	(0.7)	34.0	(0.7)	**3.4**	(1.1)
	Slovak Republic	31.5	(0.9)	29.9	(0.9)	29.1	(0.8)	27.7	(0.7)	**3.9**	(1.3)
	Spain	29.8	(0.6)	30.7	(0.5)	30.4	(0.6)	30.6	(0.6)	-0.9	(0.9)
	Sweden	23.0	(0.7)	24.5	(0.8)	24.3	(0.6)	24.7	(0.7)	**-1.8**	(0.8)
	Switzerland	31.8	(0.7)	30.5	(0.6)	28.6	(0.6)	27.6	(0.5)	**4.3**	(0.8)
	Turkey	30.3	(0.8)	29.2	(0.9)	27.5	(0.7)	24.5	(0.6)	**5.5**	(1.1)
	United Kingdom	20.5	(0.5)	22.1	(0.5)	23.3	(0.5)	24.3	(0.4)	**-3.8**	(0.6)
	United States	28.9	(0.6)	28.4	(0.7)	28.6	(0.7)	29.6	(0.5)	-0.9	(0.8)
	OECD average	27.5	(0.1)	27.5	(0.1)	27.4	(0.1)	27.2	(0.1)	**0.4**	(0.2)
Partners	Argentina	36.0	(0.9)	38.6	(1.2)	38.2	(1.1)	36.1	(1.0)	0.2	(1.4)
	Azerbaijan	36.9	(0.8)	37.9	(0.9)	38.3	(0.7)	37.1	(0.6)	-0.1	(1.0)
	Brazil	37.9	(0.9)	35.3	(0.8)	36.4	(0.8)	32.7	(0.6)	**5.1**	(1.2)
	Bulgaria	34.7	(1.1)	34.5	(0.8)	35.7	(0.8)	34.8	(0.6)	0.1	(1.2)
	Chile	36.1	(0.7)	34.9	(0.8)	37.3	(0.8)	30.0	(0.7)	**5.5**	(0.8)
	Colombia	28.2	(1.1)	28.6	(0.8)	28.0	(0.7)	27.3	(0.6)	1.1	(1.1)
	Croatia	38.0	(0.9)	34.7	(0.7)	35.8	(0.8)	34.1	(0.9)	**3.8**	(1.3)
	Estonia	25.3	(0.7)	25.9	(0.7)	26.7	(0.6)	25.8	(0.6)	-0.5	(1.0)
	Hong Kong-China	25.1	(0.8)	23.9	(0.6)	25.1	(0.7)	26.5	(0.6)	-1.3	(1.0)
	Indonesia	31.9	(0.7)	30.6	(0.6)	30.4	(0.7)	26.4	(0.7)	**5.4**	(0.9)
	Israel	30.9	(1.0)	27.0	(1.0)	26.3	(0.9)	24.8	(1.0)	**5.9**	(1.2)
	Jordan	38.3	(0.8)	37.5	(0.7)	35.9	(0.7)	35.7	(0.8)	**2.8**	(1.0)
	Kyrgyzstan	40.1	(0.8)	39.3	(0.9)	38.4	(0.9)	37.1	(0.7)	**2.8**	(1.0)
	Latvia	33.9	(0.7)	33.7	(0.9)	33.3	(0.6)	32.9	(0.6)	0.7	(0.9)
	Liechtenstein	28.6	(2.2)	27.7	(2.4)	25.8	(2.2)	29.9	(1.9)	-0.8	(2.6)
	Lithuania	32.6	(0.6)	31.6	(0.7)	32.6	(0.6)	34.6	(0.6)	**-2.0**	(0.9)
	Macao-China	19.8	(0.7)	19.6	(0.6)	21.1	(0.6)	22.4	(0.6)	**-2.7**	(0.8)
	Montenegro	39.0	(0.8)	36.8	(1.0)	37.3	(0.9)	35.3	(0.8)	**3.5**	(1.1)
	Qatar	34.9	(0.7)	35.5	(0.6)	33.5	(0.6)	34.0	(0.6)	0.8	(0.9)
	Romania	33.4	(1.0)	31.8	(0.9)	32.8	(0.8)	31.3	(0.8)	2.1	(1.4)
	Russian Federation	35.5	(0.9)	36.6	(0.7)	36.4	(0.7)	37.2	(0.5)	-1.7	(0.9)
	Serbia	29.5	(0.8)	30.4	(0.8)	28.7	(0.6)	30.6	(0.7)	-1.1	(1.1)
	Slovenia	32.6	(0.8)	32.7	(0.8)	30.5	(0.7)	28.7	(0.6)	**3.6**	(1.0)
	Chinese Taipei	21.1	(0.6)	23.7	(0.5)	24.6	(0.6)	26.8	(0.5)	**-5.6**	(0.8)
	Thailand	26.8	(0.6)	26.7	(0.5)	26.6	(0.5)	24.5	(0.5)	**2.4**	(0.7)
	Tunisia	37.4	(0.9)	36.7	(0.8)	36.8	(0.8)	36.5	(0.6)	0.9	(1.1)
	Uruguay	32.3	(0.8)	32.4	(0.9)	31.8	(0.8)	30.7	(0.8)	1.2	(1.0)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.7b [Part 1/7] Mean learning hours and allocation of total learning time in mathematics, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Mean learning hours per week									
		Regular school lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	3.84	(0.04)	4.05	(0.04)	4.17	(0.04)	4.36	(0.04)	**-0.53**	(0.05)
	Austria	3.12	(0.07)	3.23	(0.07)	3.28	(0.06)	3.25	(0.05)	-0.14	(0.08)
	Belgium	3.04	(0.06)	3.42	(0.05)	3.74	(0.06)	4.14	(0.04)	**-1.07**	(0.07)
	Canada	4.13	(0.06)	4.45	(0.05)	4.67	(0.05)	4.77	(0.07)	**-0.64**	(0.07)
	Czech Republic	3.90	(0.07)	3.97	(0.07)	4.01	(0.07)	4.10	(0.05)	**-0.20**	(0.08)
	Denmark	4.30	(0.05)	4.46	(0.05)	4.48	(0.04)	4.51	(0.06)	**-0.22**	(0.07)
	Finland	3.36	(0.06)	3.39	(0.06)	3.45	(0.05)	3.59	(0.06)	**-0.23**	(0.07)
	France	3.54	(0.05)	3.73	(0.05)	3.87	(0.05)	4.25	(0.05)	**-0.71**	(0.07)
	Germany	3.83	(0.06)	3.91	(0.05)	3.96	(0.05)	3.84	(0.05)	-0.04	(0.08)
	Greece	3.11	(0.08)	3.34	(0.06)	3.46	(0.06)	3.90	(0.07)	**-0.79**	(0.11)
	Hungary	3.07	(0.07)	3.29	(0.07)	3.20	(0.06)	3.60	(0.07)	**-0.53**	(0.09)
	Iceland	4.71	(0.05)	4.77	(0.05)	4.67	(0.05)	4.83	(0.05)	-0.12	(0.06)
	Ireland	3.62	(0.07)	3.54	(0.05)	3.71	(0.05)	3.76	(0.05)	-0.14	(0.08)
	Italy	3.54	(0.05)	3.68	(0.05)	3.86	(0.04)	3.88	(0.05)	**-0.34**	(0.06)
	Japan	3.58	(0.09)	4.15	(0.08)	4.52	(0.08)	4.76	(0.08)	**-1.18**	(0.10)
	Korea	4.44	(0.08)	4.65	(0.05)	4.72	(0.06)	4.98	(0.07)	**-0.54**	(0.11)
	Luxembourg	3.60	(0.05)	3.79	(0.05)	3.95	(0.05)	4.09	(0.05)	**-0.51**	(0.07)
	Mexico	3.72	(0.08)	3.80	(0.07)	3.88	(0.05)	4.38	(0.06)	**-0.65**	(0.10)
	Netherlands	2.69	(0.06)	2.74	(0.06)	2.98	(0.04)	3.10	(0.06)	**-0.40**	(0.09)
	New Zealand	4.10	(0.05)	4.35	(0.05)	4.46	(0.05)	4.63	(0.04)	**-0.53**	(0.07)
	Norway	3.17	(0.06)	3.39	(0.05)	3.50	(0.05)	3.52	(0.06)	**-0.35**	(0.08)
	Poland	4.14	(0.06)	4.30	(0.05)	4.43	(0.06)	4.56	(0.05)	**-0.42**	(0.06)
	Portugal	3.20	(0.07)	3.53	(0.07)	3.65	(0.07)	4.05	(0.07)	**-0.86**	(0.10)
	Slovak Republic	3.14	(0.07)	3.19	(0.06)	3.33	(0.09)	3.48	(0.07)	**-0.34**	(0.08)
	Spain	3.16	(0.05)	3.39	(0.04)	3.45	(0.04)	3.69	(0.05)	**-0.53**	(0.06)
	Sweden	3.07	(0.05)	3.05	(0.04)	3.09	(0.04)	3.16	(0.04)	-0.09	(0.07)
	Switzerland	3.80	(0.06)	3.87	(0.05)	3.93	(0.06)	3.84	(0.05)	-0.04	(0.07)
	Turkey	3.50	(0.09)	3.59	(0.08)	3.80	(0.08)	4.39	(0.09)	**-0.89**	(0.12)
	United Kingdom	3.65	(0.05)	3.72	(0.04)	3.86	(0.05)	3.90	(0.05)	**-0.25**	(0.06)
	United States	3.21	(0.08)	3.61	(0.06)	3.95	(0.06)	4.33	(0.07)	**-1.12**	(0.12)
	OECD average	3.58	(0.01)	3.74	(0.01)	3.87	(0.01)	4.05	(0.01)	**-0.48**	(0.02)
Partners	Argentina	2.54	(0.07)	2.81	(0.08)	2.98	(0.08)	3.48	(0.09)	**-0.97**	(0.11)
	Azerbaijan	3.50	(0.11)	3.66	(0.10)	3.86	(0.09)	4.14	(0.09)	**-0.65**	(0.14)
	Brazil	2.91	(0.07)	2.95	(0.06)	3.21	(0.05)	3.52	(0.06)	**-0.61**	(0.09)
	Bulgaria	2.59	(0.09)	2.78	(0.09)	3.02	(0.08)	3.53	(0.12)	**-0.93**	(0.15)
	Chile	2.90	(0.09)	3.23	(0.07)	3.60	(0.08)	4.22	(0.09)	**-1.31**	(0.13)
	Colombia	4.00	(0.10)	4.06	(0.09)	4.17	(0.08)	4.63	(0.10)	**-0.62**	(0.14)
	Croatia	2.77	(0.06)	2.99	(0.04)	3.09	(0.05)	3.33	(0.05)	**-0.55**	(0.07)
	Estonia	4.01	(0.08)	4.17	(0.05)	4.19	(0.06)	4.40	(0.06)	**-0.39**	(0.09)
	Hong Kong-China	4.95	(0.07)	5.14	(0.07)	5.31	(0.07)	5.52	(0.07)	**-0.58**	(0.10)
	Indonesia	4.00	(0.09)	4.06	(0.07)	4.04	(0.11)	4.26	(0.11)	**-0.26**	(0.12)
	Israel	3.72	(0.06)	4.11	(0.07)	4.27	(0.08)	4.42	(0.07)	**-0.69**	(0.09)
	Jordan	3.01	(0.08)	3.35	(0.08)	3.56	(0.07)	4.00	(0.07)	**-0.99**	(0.10)
	Kyrgyzstan	2.59	(0.09)	2.62	(0.10)	2.92	(0.08)	3.40	(0.08)	**-0.79**	(0.12)
	Latvia	4.29	(0.07)	4.50	(0.06)	4.50	(0.06)	4.69	(0.06)	**-0.40**	(0.08)
	Liechtenstein	3.87	(0.18)	3.87	(0.19)	4.18	(0.19)	4.00	(0.15)	-0.14	(0.25)
	Lithuania	3.10	(0.08)	3.45	(0.06)	3.62	(0.06)	3.84	(0.06)	**-0.73**	(0.09)
	Macao-China	5.23	(0.06)	5.55	(0.05)	5.29	(0.06)	5.57	(0.06)	**-0.34**	(0.08)
	Montenegro	2.88	(0.07)	3.00	(0.07)	3.06	(0.08)	3.40	(0.07)	**-0.53**	(0.11)
	Qatar	2.65	(0.06)	3.02	(0.06)	3.32	(0.06)	3.46	(0.06)	**-0.81**	(0.09)
	Romania	2.58	(0.10)	2.92	(0.11)	3.08	(0.08)	3.46	(0.11)	**-0.89**	(0.11)
	Russian Federation	3.35	(0.07)	3.44	(0.08)	3.69	(0.07)	4.06	(0.06)	**-0.72**	(0.10)
	Serbia	3.08	(0.06)	3.14	(0.06)	3.30	(0.05)	3.57	(0.06)	**-0.49**	(0.08)
	Slovenia	3.00	(0.06)	3.22	(0.05)	3.39	(0.05)	3.70	(0.05)	**-0.69**	(0.08)
	Chinese Taipei	3.57	(0.08)	4.01	(0.07)	4.54	(0.07)	4.92	(0.06)	**-1.36**	(0.09)
	Thailand	3.60	(0.05)	3.65	(0.04)	3.60	(0.05)	4.26	(0.08)	**-0.65**	(0.09)
	Tunisia	2.98	(0.07)	3.32	(0.07)	3.44	(0.08)	3.81	(0.08)	**-0.82**	(0.11)
	Uruguay	2.97	(0.06)	3.14	(0.07)	3.42	(0.06)	3.72	(0.07)	**-0.76**	(0.08)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.7b [Part 2/7] Mean learning hours and allocation of total learning time in mathematics, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Mean learning hours per week									
		Out-of-school-time lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	0.79	(0.03)	0.72	(0.02)	0.73	(0.03)	0.75	(0.03)	0.04	(0.04)
	Austria	0.54	(0.04)	0.52	(0.04)	0.48	(0.04)	0.49	(0.03)	0.05	(0.05)
	Belgium	0.57	(0.03)	0.54	(0.03)	0.54	(0.03)	0.53	(0.03)	0.04	(0.04)
	Canada	0.91	(0.03)	0.88	(0.03)	0.99	(0.04)	0.96	(0.04)	-0.05	(0.05)
	Czech Republic	0.78	(0.07)	0.74	(0.04)	0.76	(0.04)	0.74	(0.04)	0.05	(0.08)
	Denmark	1.39	(0.05)	1.31	(0.05)	1.44	(0.05)	1.31	(0.05)	0.09	(0.07)
	Finland	0.38	(0.03)	0.38	(0.03)	0.38	(0.03)	0.34	(0.03)	0.04	(0.04)
	France	0.97	(0.03)	0.94	(0.04)	0.94	(0.03)	0.85	(0.04)	**0.12**	(0.05)
	Germany	0.92	(0.05)	0.83	(0.04)	0.84	(0.05)	0.67	(0.04)	**0.25**	(0.07)
	Greece	1.69	(0.08)	2.19	(0.07)	2.42	(0.07)	2.63	(0.09)	**-0.93**	(0.13)
	Hungary	1.29	(0.05)	1.25	(0.05)	1.30	(0.05)	1.30	(0.05)	-0.01	(0.08)
	Iceland	0.64	(0.04)	0.71	(0.04)	0.75	(0.04)	0.76	(0.04)	**-0.12**	(0.06)
	Ireland	0.71	(0.05)	0.71	(0.03)	0.76	(0.04)	0.69	(0.04)	0.02	(0.06)
	Italy	0.82	(0.03)	0.86	(0.03)	0.90	(0.03)	0.97	(0.04)	**-0.16**	(0.05)
	Japan	0.54	(0.03)	0.61	(0.04)	0.77	(0.05)	0.93	(0.05)	**-0.39**	(0.06)
	Korea	1.60	(0.08)	1.95	(0.06)	2.43	(0.05)	3.13	(0.08)	**-1.52**	(0.12)
	Luxembourg	0.93	(0.04)	0.85	(0.04)	0.83	(0.03)	0.72	(0.03)	**0.22**	(0.05)
	Mexico	1.38	(0.07)	1.09	(0.04)	1.19	(0.04)	1.06	(0.05)	**0.33**	(0.10)
	Netherlands	0.73	(0.05)	0.72	(0.04)	0.68	(0.04)	0.61	(0.03)	**0.12**	(0.05)
	New Zealand	0.77	(0.04)	0.65	(0.04)	0.65	(0.04)	0.66	(0.04)	0.11	(0.06)
	Norway	1.05	(0.04)	1.02	(0.04)	1.02	(0.04)	1.10	(0.04)	-0.04	(0.06)
	Poland	0.78	(0.04)	0.75	(0.04)	0.76	(0.04)	0.82	(0.04)	**-0.04**	(0.06)
	Portugal	0.69	(0.04)	0.80	(0.04)	0.85	(0.04)	0.91	(0.05)	**-0.23**	(0.07)
	Slovak Republic	0.81	(0.04)	0.82	(0.04)	0.88	(0.04)	1.02	(0.05)	**-0.22**	(0.07)
	Spain	0.89	(0.04)	1.04	(0.04)	1.07	(0.04)	0.98	(0.05)	-0.09	(0.06)
	Sweden	0.62	(0.04)	0.60	(0.03)	0.61	(0.03)	0.59	(0.03)	0.04	(0.04)
	Switzerland	0.86	(0.04)	0.68	(0.03)	0.68	(0.03)	0.59	(0.03)	**0.27**	(0.05)
	Turkey	1.84	(0.06)	1.66	(0.07)	2.09	(0.07)	2.70	(0.07)	**-0.84**	(0.10)
	United Kingdom	0.60	(0.04)	0.64	(0.03)	0.67	(0.03)	0.60	(0.03)	0.00	(0.05)
	United States	1.21	(0.04)	1.18	(0.05)	1.17	(0.05)	1.02	(0.05)	**0.20**	(0.06)
	OECD average	0.92	(0.01)	0.92	(0.01)	0.99	(0.01)	1.01	(0.01)	**-0.09**	(0.01)
Partners	Argentina	0.72	(0.07)	0.77	(0.05)	0.81	(0.06)	0.81	(0.07)	-0.09	(0.09)
	Azerbaijan	1.59	(0.08)	1.64	(0.09)	1.70	(0.08)	1.86	(0.07)	**-0.27**	(0.10)
	Brazil	1.13	(0.05)	1.17	(0.05)	1.20	(0.06)	1.34	(0.05)	**-0.20**	(0.07)
	Bulgaria	1.09	(0.07)	1.10	(0.06)	1.11	(0.05)	1.25	(0.05)	-0.14	(0.08)
	Chile	1.01	(0.05)	0.97	(0.04)	1.00	(0.05)	0.99	(0.05)	0.02	(0.06)
	Colombia	1.24	(0.06)	1.27	(0.06)	1.16	(0.06)	1.24	(0.04)	0.01	(0.07)
	Croatia	0.69	(0.04)	0.69	(0.04)	0.79	(0.04)	0.90	(0.05)	**-0.20**	(0.06)
	Estonia	1.02	(0.05)	1.03	(0.06)	0.95	(0.05)	0.97	(0.05)	0.05	(0.06)
	Hong Kong-China	1.07	(0.05)	1.29	(0.06)	1.43	(0.05)	1.75	(0.06)	**-0.68**	(0.07)
	Indonesia	1.23	(0.07)	1.30	(0.06)	1.35	(0.06)	1.57	(0.07)	**-0.33**	(0.09)
	Israel	2.10	(0.06)	2.15	(0.07)	2.17	(0.08)	2.23	(0.08)	-0.12	(0.10)
	Jordan	1.62	(0.06)	1.87	(0.07)	1.84	(0.06)	1.95	(0.07)	**-0.33**	(0.10)
	Kyrgyzstan	1.64	(0.08)	1.55	(0.06)	1.54	(0.05)	1.49	(0.06)	0.14	(0.09)
	Latvia	1.10	(0.07)	1.16	(0.06)	1.23	(0.06)	1.30	(0.05)	**-0.21**	(0.08)
	Liechtenstein	0.73	(0.11)	0.36	(0.07)	0.61	(0.12)	0.53	(0.10)	0.20	(0.16)
	Lithuania	0.69	(0.04)	0.75	(0.04)	0.73	(0.04)	0.79	(0.04)	-0.10	(0.05)
	Macao-China	1.10	(0.06)	1.14	(0.04)	1.16	(0.06)	1.41	(0.07)	**-0.31**	(0.09)
	Montenegro	0.79	(0.04)	0.84	(0.05)	1.00	(0.05)	1.08	(0.06)	**-0.29**	(0.08)
	Qatar	1.79	(0.05)	1.90	(0.05)	1.81	(0.05)	1.91	(0.05)	-0.11	(0.07)
	Romania	1.27	(0.06)	1.49	(0.06)	1.53	(0.09)	1.70	(0.06)	**-0.44**	(0.08)
	Russian Federation	0.99	(0.05)	1.12	(0.04)	1.15	(0.06)	1.25	(0.04)	**-0.26**	(0.06)
	Serbia	0.95	(0.05)	0.91	(0.05)	1.02	(0.05)	1.00	(0.04)	-0.05	(0.06)
	Slovenia	1.13	(0.06)	1.09	(0.04)	0.99	(0.04)	0.87	(0.04)	**0.27**	(0.07)
	Chinese Taipei	1.00	(0.04)	1.36	(0.05)	1.69	(0.04)	2.07	(0.05)	**-1.07**	(0.05)
	Thailand	0.63	(0.04)	0.78	(0.05)	0.89	(0.05)	1.39	(0.06)	**-0.75**	(0.08)
	Tunisia	2.21	(0.06)	2.21	(0.07)	2.49	(0.07)	2.79	(0.08)	**-0.57**	(0.10)
	Uruguay	0.71	(0.04)	0.80	(0.04)	0.94	(0.05)	0.90	(0.05)	**-0.20**	(0.06)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.7b [Part 3/7] Mean learning hours and allocation of total learning time in mathematics, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Mean learning hours per week									
		Individual study									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	1.55	(0.04)	1.69	(0.03)	1.83	(0.04)	2.11	(0.04)	**-0.56**	(0.05)
	Austria	2.18	(0.05)	2.15	(0.06)	2.06	(0.05)	2.12	(0.06)	0.05	(0.07)
	Belgium	1.43	(0.04)	1.66	(0.04)	1.91	(0.05)	2.16	(0.05)	**-0.71**	(0.06)
	Canada	1.70	(0.05)	1.83	(0.04)	2.11	(0.04)	2.25	(0.05)	**-0.55**	(0.06)
	Czech Republic	1.34	(0.06)	1.31	(0.06)	1.28	(0.04)	1.34	(0.05)	-0.00	(0.06)
	Denmark	1.65	(0.05)	1.71	(0.04)	1.81	(0.04)	1.79	(0.04)	**-0.14**	(0.06)
	Finland	1.14	(0.04)	1.17	(0.03)	1.24	(0.03)	1.27	(0.03)	**-0.14**	(0.04)
	France	1.49	(0.04)	1.62	(0.05)	1.82	(0.05)	2.03	(0.06)	**-0.54**	(0.07)
	Germany	2.24	(0.07)	2.28	(0.06)	2.32	(0.06)	2.26	(0.06)	-0.03	(0.09)
	Greece	1.75	(0.06)	1.84	(0.06)	2.05	(0.06)	2.37	(0.06)	**-0.62**	(0.08)
	Hungary	1.77	(0.05)	1.74	(0.05)	1.81	(0.06)	2.03	(0.06)	**-0.26**	(0.08)
	Iceland	1.65	(0.05)	1.68	(0.04)	1.73	(0.04)	1.78	(0.05)	-0.13	(0.07)
	Ireland	1.57	(0.06)	1.65	(0.05)	1.89	(0.05)	1.94	(0.05)	**-0.36**	(0.08)
	Italy	2.24	(0.04)	2.40	(0.04)	2.58	(0.05)	2.72	(0.06)	**-0.48**	(0.06)
	Japan	1.01	(0.05)	1.42	(0.07)	1.61	(0.07)	1.91	(0.09)	**-0.90**	(0.09)
	Korea	1.66	(0.07)	2.00	(0.07)	2.34	(0.08)	3.25	(0.12)	**-1.58**	(0.14)
	Luxembourg	1.66	(0.05)	1.75	(0.05)	1.72	(0.04)	1.72	(0.04)	-0.06	(0.06)
	Mexico	2.32	(0.06)	2.25	(0.05)	2.28	(0.04)	2.19	(0.04)	**0.14**	(0.06)
	Netherlands	1.31	(0.05)	1.34	(0.05)	1.56	(0.05)	1.68	(0.04)	**-0.36**	(0.07)
	New Zealand	1.41	(0.04)	1.54	(0.05)	1.59	(0.04)	1.82	(0.05)	**-0.41**	(0.06)
	Norway	1.26	(0.05)	1.36	(0.04)	1.43	(0.05)	1.55	(0.05)	**-0.29**	(0.06)
	Poland	2.08	(0.06)	1.99	(0.05)	2.12	(0.05)	2.17	(0.05)	-0.09	(0.08)
	Portugal	1.70	(0.06)	1.92	(0.06)	2.04	(0.05)	2.19	(0.06)	**-0.49**	(0.09)
	Slovak Republic	1.52	(0.05)	1.60	(0.05)	1.77	(0.05)	1.85	(0.06)	**-0.32**	(0.08)
	Spain	1.72	(0.05)	1.94	(0.05)	2.04	(0.05)	2.15	(0.04)	**-0.44**	(0.06)
	Sweden	1.09	(0.04)	1.13	(0.04)	1.26	(0.04)	1.24	(0.04)	**-0.15**	(0.05)
	Switzerland	1.77	(0.03)	1.64	(0.04)	1.70	(0.04)	1.64	(0.04)	**0.13**	(0.05)
	Turkey	2.13	(0.06)	2.14	(0.07)	2.30	(0.07)	2.65	(0.08)	**-0.52**	(0.11)
	United Kingdom	1.30	(0.03)	1.40	(0.03)	1.57	(0.04)	1.69	(0.04)	**-0.39**	(0.05)
	United States	1.77	(0.05)	1.82	(0.05)	2.20	(0.06)	2.38	(0.06)	**-0.60**	(0.09)
	OECD average	1.65	(0.01)	1.73	(0.01)	1.87	(0.01)	2.01	(0.01)	**-0.36**	(0.01)
Partners	Argentina	1.73	(0.07)	1.81	(0.08)	1.87	(0.07)	1.88	(0.05)	**-0.15**	(0.08)
	Azerbaijan	2.68	(0.13)	2.87	(0.08)	3.04	(0.10)	3.21	(0.09)	**-0.52**	(0.14)
	Brazil	1.76	(0.06)	1.68	(0.05)	1.83	(0.06)	1.92	(0.05)	**-0.16**	(0.08)
	Bulgaria	1.71	(0.07)	1.87	(0.08)	2.23	(0.08)	2.54	(0.11)	**-0.83**	(0.12)
	Chile	1.50	(0.05)	1.51	(0.04)	1.69	(0.07)	1.70	(0.05)	**-0.20**	(0.07)
	Colombia	1.84	(0.06)	2.04	(0.06)	1.81	(0.06)	2.03	(0.05)	**-0.20**	(0.08)
	Croatia	1.65	(0.05)	1.82	(0.05)	1.83	(0.05)	1.92	(0.05)	**-0.27**	(0.06)
	Estonia	1.78	(0.05)	1.98	(0.05)	1.94	(0.05)	2.13	(0.06)	**-0.35**	(0.07)
	Hong Kong-China	1.94	(0.07)	2.16	(0.07)	2.24	(0.06)	2.61	(0.08)	**-0.68**	(0.09)
	Indonesia	1.97	(0.06)	1.92	(0.04)	2.00	(0.05)	2.08	(0.05)	-0.11	(0.08)
	Israel	2.26	(0.07)	2.36	(0.08)	2.33	(0.10)	2.38	(0.09)	-0.12	(0.11)
	Jordan	2.42	(0.07)	2.68	(0.07)	2.74	(0.06)	2.93	(0.08)	**-0.50**	(0.10)
	Kyrgyzstan	2.36	(0.07)	2.06	(0.07)	2.14	(0.06)	2.29	(0.06)	0.08	(0.10)
	Latvia	2.23	(0.07)	2.50	(0.07)	2.48	(0.07)	2.56	(0.07)	**-0.34**	(0.09)
	Liechtenstein	1.51	(0.11)	1.29	(0.11)	1.59	(0.11)	1.56	(0.15)	-0.06	(0.19)
	Lithuania	1.57	(0.05)	1.71	(0.04)	1.81	(0.05)	2.04	(0.05)	**-0.47**	(0.08)
	Macao-China	1.81	(0.06)	1.97	(0.06)	2.09	(0.05)	2.39	(0.07)	**-0.59**	(0.09)
	Montenegro	1.90	(0.06)	2.08	(0.06)	2.06	(0.07)	2.10	(0.07)	**-0.21**	(0.09)
	Qatar	2.05	(0.05)	2.16	(0.05)	2.33	(0.05)	2.34	(0.05)	**-0.30**	(0.07)
	Romania	1.89	(0.08)	2.19	(0.09)	2.19	(0.07)	2.37	(0.08)	**-0.50**	(0.12)
	Russian Federation	1.98	(0.08)	2.19	(0.06)	2.29	(0.06)	2.46	(0.05)	**-0.47**	(0.09)
	Serbia	1.63	(0.05)	1.66	(0.05)	1.87	(0.06)	2.11	(0.06)	**-0.48**	(0.08)
	Slovenia	1.83	(0.05)	1.90	(0.05)	1.93	(0.05)	2.02	(0.05)	**-0.20**	(0.07)
	Chinese Taipei	1.32	(0.05)	1.76	(0.06)	2.00	(0.04)	2.44	(0.05)	**-1.11**	(0.07)
	Thailand	1.64	(0.06)	1.77	(0.05)	1.81	(0.06)	2.02	(0.05)	**-0.37**	(0.09)
	Tunisia	2.47	(0.08)	2.56	(0.07)	2.45	(0.07)	2.78	(0.06)	**-0.29**	(0.10)
	Uruguay	1.42	(0.06)	1.55	(0.06)	1.61	(0.06)	1.71	(0.06)	**-0.29**	(0.07)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.7b [Part 4/7] Mean learning hours and allocation of total learning time in mathematics, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Mean learning hours per week									
		Total learning hours									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	6.20	(0.09)	6.48	(0.07)	6.73	(0.07)	7.20	(0.07)	**-1.01**	(0.11)
	Austria	5.88	(0.12)	5.92	(0.12)	5.83	(0.10)	5.87	(0.12)	-0.02	(0.14)
	Belgium	5.07	(0.10)	5.62	(0.09)	6.21	(0.10)	6.83	(0.09)	**-1.72**	(0.12)
	Canada	6.78	(0.10)	7.21	(0.09)	7.78	(0.09)	8.01	(0.13)	**-1.21**	(0.14)
	Czech Republic	6.01	(0.16)	5.99	(0.12)	6.05	(0.10)	6.18	(0.10)	-0.18	(0.18)
	Denmark	7.32	(0.11)	7.45	(0.10)	7.71	(0.10)	7.58	(0.10)	-0.26	(0.14)
	Finland	4.88	(0.10)	4.94	(0.09)	5.08	(0.08)	5.20	(0.08)	**-0.31**	(0.11)
	France	6.03	(0.09)	6.29	(0.08)	6.63	(0.09)	7.12	(0.10)	**-1.10**	(0.14)
	Germany	7.03	(0.14)	7.04	(0.10)	7.15	(0.10)	6.76	(0.11)	0.22	(0.18)
	Greece	6.57	(0.16)	7.39	(0.14)	7.95	(0.14)	8.91	(0.15)	**-2.34**	(0.23)
	Hungary	6.16	(0.13)	6.27	(0.14)	6.34	(0.13)	6.91	(0.15)	**-0.77**	(0.20)
	Iceland	6.99	(0.09)	7.16	(0.09)	7.16	(0.09)	7.37	(0.10)	**-0.40**	(0.13)
	Ireland	5.89	(0.14)	5.91	(0.10)	6.37	(0.10)	6.38	(0.10)	**-0.48**	(0.17)
	Italy	6.63	(0.08)	6.96	(0.09)	7.34	(0.09)	7.55	(0.12)	**-0.94**	(0.11)
	Japan	5.13	(0.14)	6.17	(0.15)	6.90	(0.15)	7.60	(0.17)	**-2.47**	(0.17)
	Korea	7.78	(0.19)	8.62	(0.14)	9.54	(0.14)	11.34	(0.23)	**-3.56**	(0.31)
	Luxembourg	6.21	(0.10)	6.43	(0.10)	6.52	(0.09)	6.55	(0.08)	**-0.33**	(0.11)
	Mexico	7.36	(0.13)	7.13	(0.11)	7.34	(0.09)	7.59	(0.10)	-0.19	(0.16)
	Netherlands	4.68	(0.11)	4.81	(0.11)	5.23	(0.10)	5.36	(0.10)	**-0.67**	(0.14)
	New Zealand	6.26	(0.09)	6.56	(0.09)	6.72	(0.09)	7.12	(0.10)	**-0.83**	(0.12)
	Norway	5.50	(0.11)	5.75	(0.09)	5.95	(0.10)	6.16	(0.11)	**-0.65**	(0.15)
	Poland	7.00	(0.10)	7.04	(0.10)	7.33	(0.10)	7.55	(0.11)	**-0.54**	(0.14)
	Portugal	5.60	(0.12)	6.24	(0.13)	6.55	(0.12)	7.13	(0.14)	**-1.53**	(0.19)
	Slovak Republic	5.49	(0.14)	5.62	(0.13)	6.00	(0.14)	6.37	(0.14)	**-0.88**	(0.19)
	Spain	5.85	(0.09)	6.41	(0.10)	6.56	(0.09)	6.84	(0.07)	-1.01	(0.09)
	Sweden	4.81	(0.09)	4.78	(0.08)	4.96	(0.07)	4.98	(0.07)	-0.17	(0.11)
	Switzerland	6.44	(0.08)	6.20	(0.08)	6.32	(0.09)	6.10	(0.09)	**0.34**	(0.12)
	Turkey	7.42	(0.17)	7.38	(0.19)	8.14	(0.20)	9.72	(0.21)	**-2.28**	(0.28)
	United Kingdom	5.56	(0.09)	5.76	(0.07)	6.11	(0.08)	6.19	(0.07)	**-0.63**	(0.11)
	United States	6.26	(0.13)	6.67	(0.12)	7.37	(0.12)	7.73	(0.13)	**-1.45**	(0.20)
	OECD average	6.16	(0.02)	6.41	(0.02)	6.73	(0.02)	7.07	(0.02)	**-0.91**	(0.03)
Partners	Argentina	5.02	(0.13)	5.40	(0.17)	5.66	(0.16)	6.15	(0.13)	**-1.17**	(0.18)
	Azerbaijan	7.83	(0.24)	8.25	(0.23)	8.65	(0.21)	9.24	(0.20)	**-1.41**	(0.31)
	Brazil	5.81	(0.12)	5.78	(0.13)	6.23	(0.12)	6.75	(0.11)	**-0.93**	(0.16)
	Bulgaria	5.43	(0.21)	5.79	(0.19)	6.39	(0.18)	7.31	(0.24)	**-1.84**	(0.29)
	Chile	5.45	(0.15)	5.74	(0.12)	6.36	(0.16)	6.93	(0.13)	**-1.48**	(0.19)
	Colombia	7.04	(0.13)	7.37	(0.12)	7.14	(0.14)	7.95	(0.14)	**-0.89**	(0.18)
	Croatia	5.16	(0.12)	5.53	(0.09)	5.76	(0.09)	6.18	(0.10)	**-1.03**	(0.13)
	Estonia	6.83	(0.11)	7.16	(0.11)	7.08	(0.12)	7.51	(0.11)	**-0.67**	(0.15)
	Hong Kong-China	7.98	(0.13)	8.60	(0.14)	8.99	(0.11)	9.88	(0.15)	**-1.90**	(0.18)
	Indonesia	7.20	(0.18)	7.27	(0.12)	7.36	(0.12)	7.91	(0.12)	**-0.72**	(0.17)
	Israel	8.16	(0.14)	8.73	(0.17)	8.82	(0.23)	9.12	(0.19)	**-0.94**	(0.23)
	Jordan	7.07	(0.15)	7.90	(0.17)	8.04	(0.13)	8.86	(0.12)	**-1.78**	(0.19)
	Kyrgyzstan	6.78	(0.18)	6.24	(0.18)	6.60	(0.15)	7.21	(0.13)	-0.40	(0.23)
	Latvia	7.60	(0.16)	8.18	(0.14)	8.23	(0.13)	8.55	(0.12)	**-0.95**	(0.18)
	Liechtenstein	6.11	(0.24)	5.56	(0.27)	6.27	(0.32)	6.14	(0.24)	-0.03	(0.38)
	Lithuania	5.34	(0.13)	5.93	(0.10)	6.16	(0.11)	6.65	(0.10)	**-1.30**	(0.17)
	Macao-China	8.14	(0.12)	8.65	(0.11)	8.54	(0.11)	9.37	(0.14)	**-1.23**	(0.17)
	Montenegro	5.54	(0.12)	5.93	(0.12)	6.13	(0.17)	6.52	(0.14)	**-0.99**	(0.20)
	Qatar	6.52	(0.12)	7.11	(0.12)	7.52	(0.11)	7.70	(0.12)	**-1.17**	(0.17)
	Romania	5.74	(0.17)	6.59	(0.21)	6.84	(0.14)	7.53	(0.21)	**-1.82**	(0.24)
	Russian Federation	6.32	(0.13)	6.76	(0.14)	7.13	(0.14)	7.77	(0.11)	**-1.47**	(0.18)
	Serbia	5.65	(0.11)	5.70	(0.11)	6.19	(0.11)	6.68	(0.13)	**-1.04**	(0.16)
	Slovenia	6.01	(0.11)	6.24	(0.10)	6.32	(0.10)	6.61	(0.11)	**-0.60**	(0.15)
	Chinese Taipei	5.98	(0.16)	7.20	(0.15)	8.29	(0.12)	9.45	(0.12)	**-3.49**	(0.17)
	Thailand	5.88	(0.11)	6.19	(0.09)	6.30	(0.13)	7.65	(0.17)	**-1.76**	(0.22)
	Tunisia	7.66	(0.16)	8.05	(0.16)	8.40	(0.17)	9.39	(0.17)	**-1.68**	(0.24)
	Uruguay	5.18	(0.10)	5.49	(0.13)	5.97	(0.13)	6.33	(0.13)	**-1.18**	(0.15)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.7b [Part 5/7] Mean learning hours and allocation of total learning time in mathematics, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Allocation of total learning time in mathematics for Regular school lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	66.5	(0.6)	66.7	(0.4)	65.7	(0.4)	64.2	(0.4)	**2.3**	(0.7)
	Austria	57.0	(0.9)	58.0	(0.8)	60.0	(0.7)	59.0	(0.7)	-1.9	(1.1)
	Belgium	63.7	(0.5)	63.5	(0.6)	62.5	(0.6)	63.1	(0.5)	0.9	(0.8)
	Canada	63.8	(0.6)	64.1	(0.5)	62.7	(0.5)	62.8	(0.5)	0.9	(0.7)
	Czech Republic	69.4	(0.9)	70.2	(0.7)	70.8	(0.7)	70.9	(0.7)	-1.6	(1.2)
	Denmark	62.4	(0.7)	62.9	(0.6)	61.6	(0.6)	62.7	(0.6)	-0.4	(0.8)
	Finland	71.3	(0.7)	71.2	(0.6)	70.5	(0.5)	71.5	(0.6)	-0.1	(0.9)
	France	62.8	(0.7)	62.8	(0.7)	61.9	(0.6)	62.9	(0.5)	0.0	(0.9)
	Germany	57.4	(0.7)	58.7	(0.6)	58.1	(0.7)	59.8	(0.6)	**-2.3**	(0.8)
	Greece	53.0	(0.8)	49.6	(0.8)	47.8	(0.8)	47.0	(0.9)	**6.0**	(1.1)
	Hungary	52.2	(0.9)	55.6	(0.7)	53.6	(0.7)	55.9	(0.8)	**-3.6**	(1.3)
	Iceland	70.5	(0.6)	69.9	(0.7)	68.2	(0.6)	69.2	(0.6)	1.4	(0.9)
	Ireland	65.6	(0.8)	63.6	(0.7)	62.6	(0.6)	62.7	(0.6)	**3.0**	(1.0)
	Italy	56.0	(0.5)	55.3	(0.4)	54.9	(0.4)	53.9	(0.5)	**2.1**	(0.7)
	Japan	74.8	(0.6)	72.8	(0.7)	70.6	(0.9)	68.5	(0.9)	**6.3**	(1.0)
	Korea	63.9	(0.9)	61.2	(0.7)	54.8	(0.7)	47.8	(0.7)	**16.2**	(1.2)
	Luxembourg	60.7	(0.7)	61.8	(0.7)	64.4	(0.6)	66.2	(0.5)	**-5.8**	(1.0)
	Mexico	51.1	(0.9)	54.0	(0.7)	53.6	(0.5)	59.2	(0.6)	**-8.1**	(1.1)
	Netherlands	60.3	(1.1)	59.6	(0.8)	59.3	(0.8)	61.0	(0.7)	-0.7	(1.5)
	New Zealand	69.2	(0.8)	69.9	(0.7)	70.0	(0.7)	68.9	(0.6)	0.4	(1.0)
	Norway	62.4	(0.8)	63.3	(0.7)	62.1	(0.7)	61.0	(0.7)	1.4	(1.0)
	Poland	60.9	(0.6)	62.9	(0.6)	62.8	(0.6)	63.3	(0.5)	**-2.4**	(0.8)
	Portugal	59.1	(1.0)	58.7	(0.8)	58.6	(0.7)	59.1	(0.7)	0.0	(1.2)
	Slovak Republic	61.6	(0.9)	61.5	(0.8)	59.7	(0.8)	59.6	(0.9)	2.1	(1.2)
	Spain	58.6	(0.7)	57.6	(0.6)	56.8	(0.5)	57.8	(0.6)	0.9	(0.9)
	Sweden	69.2	(0.8)	68.0	(0.8)	67.2	(0.6)	68.2	(0.8)	0.9	(0.8)
	Switzerland	60.8	(0.7)	63.9	(0.6)	64.2	(0.5)	65.5	(0.6)	**-4.7**	(0.9)
	Turkey	51.0	(0.8)	52.6	(0.9)	50.8	(0.8)	48.7	(0.7)	2.0	(1.1)
	United Kingdom	69.0	(0.6)	67.7	(0.5)	66.1	(0.5)	65.8	(0.5)	**3.3**	(0.8)
	United States	52.5	(0.9)	55.3	(0.9)	55.8	(0.7)	58.1	(0.8)	**-5.7**	(1.3)
	OECD average	61.9	(0.1)	62.1	(0.1)	61.3	(0.1)	61.5	(0.1)	**0.4**	(0.2)
Partners	Argentina	53.1	(1.1)	53.8	(0.9)	54.7	(0.9)	58.4	(1.1)	**-5.8**	(1.5)
	Azerbaijan	47.3	(1.0)	46.2	(1.0)	46.9	(0.8)	47.9	(0.7)	-0.8	(1.1)
	Brazil	52.8	(1.1)	54.5	(0.9)	54.8	(0.9)	55.6	(0.8)	**-2.8**	(1.4)
	Bulgaria	51.4	(1.0)	51.0	(1.1)	50.4	(0.9)	51.9	(0.7)	-0.7	(1.2)
	Chile	53.4	(0.8)	55.9	(0.8)	56.8	(0.8)	61.2	(0.9)	**-7.8**	(1.2)
	Colombia	60.0	(1.2)	58.7	(0.9)	61.7	(0.8)	62.5	(0.9)	-2.2	(1.6)
	Croatia	57.8	(0.7)	58.7	(0.8)	58.1	(0.8)	58.8	(0.7)	-0.9	(0.8)
	Estonia	62.0	(0.8)	61.3	(0.6)	62.5	(0.6)	62.9	(0.7)	-0.9	(1.0)
	Hong Kong-China	65.5	(0.8)	63.4	(0.8)	62.4	(0.6)	59.2	(0.5)	**6.4**	(0.8)
	Indonesia	57.7	(0.8)	57.5	(0.7)	56.9	(1.2)	56.6	(1.0)	1.1	(1.4)
	Israel	48.9	(0.9)	51.0	(1.0)	52.7	(1.0)	52.7	(1.0)	**-3.9**	(1.3)
	Jordan	41.1	(1.0)	42.8	(0.9)	43.6	(0.8)	45.3	(0.9)	**-4.3**	(1.4)
	Kyrgyzstan	37.7	(0.9)	40.3	(0.8)	42.9	(0.8)	47.3	(0.9)	**-9.6**	(1.3)
	Latvia	59.4	(0.8)	58.2	(0.7)	57.6	(0.7)	57.8	(0.5)	1.5	(0.9)
	Liechtenstein	62.5	(2.3)	69.7	(2.0)	68.3	(2.1)	67.0	(1.8)	-4.7	(2.8)
	Lithuania	60.6	(0.8)	61.0	(0.7)	61.4	(0.7)	59.9	(0.6)	0.5	(1.0)
	Macao-China	68.0	(0.8)	67.5	(0.5)	65.6	(0.7)	63.9	(0.7)	**4.1**	(1.0)
	Montenegro	53.3	(0.8)	51.7	(0.9)	51.8	(0.9)	53.1	(0.9)	-0.0	(1.1)
	Qatar	40.8	(0.7)	42.2	(0.6)	44.7	(0.6)	45.3	(0.6)	**-4.5**	(1.0)
	Romania	48.5	(1.6)	49.2	(0.9)	49.4	(0.7)	50.9	(0.7)	-2.4	(2.0)
	Russian Federation	54.6	(0.9)	52.6	(0.8)	53.8	(0.8)	54.8	(0.6)	-0.1	(1.1)
	Serbia	60.3	(0.7)	60.3	(0.8)	58.2	(0.9)	58.4	(0.7)	1.8	(1.1)
	Slovenia	52.5	(0.7)	54.4	(0.6)	57.0	(0.6)	58.6	(0.6)	**-6.0**	(1.0)
	Chinese Taipei	64.7	(0.6)	60.3	(0.7)	58.8	(0.5)	55.1	(0.5)	**9.6**	(0.8)
	Thailand	66.0	(0.9)	63.4	(0.7)	63.1	(0.6)	61.1	(0.6)	**4.8**	(1.2)
	Tunisia	40.5	(0.8)	42.1	(0.9)	42.3	(0.7)	41.9	(0.7)	-1.4	(1.2)
	Uruguay	59.8	(0.9)	60.2	(0.9)	61.1	(0.8)	62.1	(0.6)	-2.2	(1.2)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.7b [Part 6/7] Mean learning hours and allocation of total learning time in mathematics, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Allocation of total learning time in mathematics for Out-of-school-time lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	10.4	(0.4)	9.1	(0.3)	9.0	(0.3)	8.5	(0.3)	**1.9**	(0.4)
	Austria	6.7	(0.4)	6.9	(0.5)	6.5	(0.4)	6.5	(0.4)	0.1	(0.6)
	Belgium	9.3	(0.4)	8.1	(0.4)	7.6	(0.4)	6.6	(0.4)	**2.7**	(0.6)
	Canada	12.2	(0.4)	11.4	(0.3)	11.4	(0.4)	10.6	(0.3)	**1.6**	(0.5)
	Czech Republic	10.2	(0.5)	9.7	(0.4)	10.1	(0.4)	9.3	(0.4)	1.0	(0.8)
	Denmark	16.8	(0.5)	15.5	(0.4)	16.7	(0.5)	15.1	(0.5)	**1.8**	(0.7)
	Finland	6.6	(0.4)	6.1	(0.4)	6.0	(0.4)	5.0	(0.4)	**1.6**	(0.5)
	France	14.2	(0.4)	13.3	(0.5)	12.4	(0.4)	10.4	(0.4)	**3.9**	(0.6)
	Germany	11.2	(0.6)	9.8	(0.4)	9.9	(0.6)	7.9	(0.4)	**3.4**	(0.7)
	Greece	21.4	(0.7)	26.3	(0.7)	28.0	(0.7)	28.3	(0.9)	**-6.9**	(1.1)
	Hungary	19.1	(0.7)	17.4	(0.5)	18.1	(0.5)	16.1	(0.6)	**2.8**	(0.9)
	Iceland	8.0	(0.5)	8.2	(0.5)	9.0	(0.4)	8.7	(0.4)	-0.7	(0.6)
	Ireland	9.7	(0.7)	10.0	(0.4)	9.4	(0.5)	8.7	(0.4)	1.0	(0.8)
	Italy	10.4	(0.4)	10.7	(0.4)	10.7	(0.4)	11.2	(0.4)	-0.8	(0.5)
	Japan	8.3	(0.5)	7.7	(0.4)	8.8	(0.5)	9.7	(0.5)	**-1.5**	(0.6)
	Korea	16.9	(0.6)	18.8	(0.5)	22.5	(0.4)	25.5	(0.5)	**-8.6**	(0.8)
	Luxembourg	13.1	(0.5)	11.9	(0.5)	10.4	(0.4)	8.9	(0.4)	**4.3**	(0.7)
	Mexico	16.5	(0.8)	14.0	(0.5)	14.8	(0.4)	12.3	(0.5)	**4.2**	(1.0)
	Netherlands	13.7	(0.9)	13.2	(0.6)	11.5	(0.6)	9.6	(0.5)	**3.8**	(1.1)
	New Zealand	10.1	(0.6)	8.5	(0.4)	8.0	(0.4)	7.5	(0.4)	**2.6**	(0.7)
	Norway	16.8	(0.5)	15.3	(0.5)	15.6	(0.5)	15.9	(0.5)	1.0	(0.7)
	Poland	10.8	(0.5)	10.0	(0.4)	9.7	(0.5)	9.8	(0.4)	1.0	(0.7)
	Portugal	11.8	(0.6)	11.8	(0.6)	11.3	(0.5)	11.3	(0.5)	0.6	(0.8)
	Slovak Republic	12.1	(0.5)	12.3	(0.5)	12.4	(0.5)	13.5	(0.5)	-1.4	(0.8)
	Spain	13.0	(0.4)	13.3	(0.5)	13.8	(0.4)	12.1	(0.5)	1.1	(0.7)
	Sweden	10.2	(0.4)	10.3	(0.5)	9.7	(0.4)	9.3	(0.4)	1.0	(0.6)
	Switzerland	11.5	(0.5)	9.4	(0.4)	9.3	(0.4)	8.1	(0.4)	**3.4**	(0.7)
	Turkey	22.1	(0.7)	20.2	(0.6)	22.9	(0.6)	25.6	(0.6)	**-3.3**	(0.9)
	United Kingdom	8.8	(0.5)	9.1	(0.3)	9.2	(0.3)	8.3	(0.4)	0.6	(0.6)
	United States	18.2	(0.5)	16.9	(0.7)	14.6	(0.6)	11.8	(0.5)	**6.4**	(0.7)
	OECD average	12.7	(0.1)	12.2	(0.1)	12.3	(0.1)	11.7	(0.1)	**1.0**	(0.1)
Partners	Argentina	12.6	(1.2)	12.1	(0.8)	13.0	(0.7)	11.8	(0.9)	1.0	(1.4)
	Azerbaijan	18.8	(0.7)	18.5	(0.8)	18.8	(0.7)	18.3	(0.6)	0.3	(0.9)
	Brazil	17.0	(0.9)	18.0	(0.7)	17.0	(0.7)	17.4	(0.6)	-0.5	(1.1)
	Bulgaria	18.4	(0.9)	17.0	(0.8)	15.3	(0.6)	14.9	(0.6)	**3.8**	(1.1)
	Chile	17.3	(0.6)	15.9	(0.6)	14.5	(0.5)	12.8	(0.6)	**4.7**	(0.8)
	Colombia	15.0	(0.7)	14.2	(0.8)	13.9	(0.5)	13.8	(0.5)	1.2	(0.8)
	Croatia	11.2	(0.6)	10.3	(0.5)	12.0	(0.6)	12.4	(0.6)	-1.3	(0.8)
	Estonia	13.4	(0.5)	13.2	(0.6)	11.9	(0.5)	10.9	(0.4)	**2.4**	(0.7)
	Hong Kong-China	12.1	(0.5)	13.6	(0.5)	14.3	(0.4)	16.0	(0.5)	**-3.7**	(0.7)
	Indonesia	15.3	(0.7)	16.0	(0.6)	16.4	(0.7)	17.7	(0.8)	**-2.4**	(1.0)
	Israel	24.2	(0.5)	23.1	(0.6)	22.6	(0.6)	22.6	(0.6)	**1.7**	(0.9)
	Jordan	23.4	(0.7)	22.4	(0.7)	22.2	(0.7)	21.3	(1.0)	2.2	(1.1)
	Kyrgyzstan	25.5	(0.9)	25.7	(0.8)	25.0	(0.9)	20.0	(0.7)	**5.3**	(1.2)
	Latvia	13.2	(0.7)	12.9	(0.5)	13.6	(0.6)	13.7	(0.5)	-0.4	(0.9)
	Liechtenstein	11.9	(1.7)	6.6	(1.2)	7.2	(1.3)	7.5	(1.2)	**4.3**	(2.1)
	Lithuania	11.6	(0.7)	12.2	(0.6)	11.1	(0.5)	11.2	(0.5)	0.5	(0.8)
	Macao-China	11.3	(0.5)	11.5	(0.4)	11.9	(0.5)	12.7	(0.6)	-1.4	(0.7)
	Montenegro	12.0	(0.6)	12.9	(0.7)	14.6	(0.7)	14.2	(0.7)	**-2.2**	(1.0)
	Qatar	26.4	(0.6)	26.3	(0.6)	23.8	(0.6)	24.3	(0.5)	**2.2**	(0.9)
	Romania	19.4	(1.0)	19.5	(0.7)	20.3	(1.0)	19.8	(0.6)	-0.4	(1.3)
	Russian Federation	15.9	(1.1)	16.3	(0.7)	15.4	(0.8)	15.1	(0.5)	0.8	(1.1)
	Serbia	13.0	(0.5)	12.9	(0.6)	13.5	(0.6)	12.5	(0.5)	0.4	(0.7)
	Slovenia	16.9	(0.6)	15.3	(0.5)	13.6	(0.5)	11.5	(0.4)	**5.4**	(0.7)
	Chinese Taipei	13.7	(0.5)	15.9	(0.4)	18.2	(0.4)	19.9	(0.4)	**-6.4**	(0.7)
	Thailand	8.2	(0.5)	9.6	(0.5)	10.6	(0.5)	14.2	(0.5)	**-6.1**	(0.8)
	Tunisia	26.8	(0.7)	25.4	(0.6)	27.8	(0.7)	28.4	(0.7)	-1.6	(1.0)
	Uruguay	11.9	(0.5)	12.7	(0.6)	13.1	(0.6)	11.9	(0.5)	-0.1	(0.7)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.7b [Part 7/7] Mean learning hours and allocation of total learning time in mathematics, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Allocation of total learning time in mathematics for Individual study									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	23.0	(0.4)	24.2	(0.3)	25.3	(0.3)	27.3	(0.4)	**-4.3**	(0.5)
	Austria	36.4	(0.7)	35.1	(0.7)	33.5	(0.6)	34.5	(0.6)	**1.9**	(0.9)
	Belgium	27.0	(0.4)	28.4	(0.5)	29.9	(0.5)	30.2	(0.5)	**-3.7**	(0.6)
	Canada	24.0	(0.5)	24.5	(0.4)	25.9	(0.4)	26.6	(0.4)	**-2.5**	(0.5)
	Czech Republic	20.5	(0.7)	20.0	(0.5)	19.1	(0.6)	19.9	(0.6)	0.5	(0.9)
	Denmark	20.8	(0.4)	21.5	(0.4)	21.9	(0.4)	22.3	(0.5)	**-1.4**	(0.6)
	Finland	22.1	(0.5)	22.6	(0.4)	23.5	(0.4)	23.5	(0.4)	**-1.4**	(0.6)
	France	22.9	(0.5)	23.9	(0.5)	25.8	(0.5)	26.7	(0.5)	**-3.9**	(0.7)
	Germany	31.3	(0.5)	31.5	(0.5)	32.0	(0.6)	32.3	(0.6)	-1.1	(0.7)
	Greece	25.6	(0.7)	24.1	(0.6)	24.1	(0.6)	24.8	(0.5)	0.8	(0.9)
	Hungary	28.7	(0.6)	27.0	(0.6)	28.3	(0.6)	27.9	(0.6)	0.9	(0.8)
	Iceland	21.5	(0.5)	22.0	(0.4)	22.7	(0.4)	22.2	(0.5)	-0.7	(0.7)
	Ireland	24.7	(0.6)	26.4	(0.5)	27.9	(0.5)	28.6	(0.6)	**-4.0**	(0.8)
	Italy	33.6	(0.4)	34.0	(0.4)	34.4	(0.4)	34.9	(0.4)	**-1.3**	(0.5)
	Japan	16.9	(0.5)	19.5	(0.6)	20.5	(0.7)	21.8	(0.7)	**-5.0**	(0.8)
	Korea	19.1	(0.5)	20.1	(0.6)	22.6	(0.6)	26.7	(0.6)	**-7.5**	(0.7)
	Luxembourg	26.2	(0.5)	26.3	(0.4)	25.2	(0.5)	24.8	(0.5)	1.4	(0.7)
	Mexico	32.4	(0.7)	32.0	(0.5)	31.5	(0.4)	28.5	(0.5)	**3.9**	(0.8)
	Netherlands	26.0	(0.7)	27.3	(0.6)	29.2	(0.5)	29.3	(0.6)	**-3.2**	(1.0)
	New Zealand	20.6	(0.4)	21.6	(0.5)	21.9	(0.4)	23.7	(0.5)	**-3.0**	(0.7)
	Norway	20.7	(0.5)	21.5	(0.5)	22.2	(0.5)	23.2	(0.5)	**-2.4**	(0.7)
	Poland	28.2	(0.6)	27.1	(0.5)	27.6	(0.5)	26.9	(0.4)	**1.4**	(0.7)
	Portugal	29.1	(0.7)	29.4	(0.6)	30.0	(0.5)	29.7	(0.6)	-0.5	(0.8)
	Slovak Republic	26.3	(0.7)	26.3	(0.5)	27.8	(0.7)	27.0	(0.7)	-0.6	(0.9)
	Spain	28.5	(0.6)	29.1	(0.5)	29.4	(0.5)	30.2	(0.5)	**-2.0**	(0.7)
	Sweden	20.7	(0.6)	21.7	(0.6)	23.1	(0.5)	22.5	(0.6)	**-1.7**	(0.6)
	Switzerland	27.7	(0.5)	26.7	(0.4)	26.5	(0.4)	26.4	(0.4)	**1.3**	(0.6)
	Turkey	27.0	(0.7)	27.2	(0.7)	26.3	(0.6)	25.7	(0.5)	1.2	(0.9)
	United Kingdom	22.2	(0.4)	23.2	(0.4)	24.7	(0.4)	26.0	(0.4)	**-3.8**	(0.5)
	United States	29.3	(0.7)	27.8	(0.5)	29.6	(0.6)	30.2	(0.5)	-0.8	(0.9)
	OECD average	25.4	(0.1)	25.7	(0.1)	26.4	(0.1)	26.8	(0.1)	**-1.4**	(0.1)
Partners	Argentina	34.2	(0.8)	34.3	(1.1)	32.2	(0.8)	29.9	(0.7)	**4.8**	(1.1)
	Azerbaijan	33.9	(1.1)	35.2	(0.7)	34.4	(0.7)	33.8	(0.6)	0.4	(1.2)
	Brazil	30.2	(0.8)	27.6	(0.7)	28.1	(0.6)	27.1	(0.6)	**3.2**	(1.0)
	Bulgaria	30.2	(0.8)	32.1	(0.8)	34.2	(0.7)	33.2	(0.8)	**-3.1**	(1.1)
	Chile	29.3	(0.6)	28.2	(0.7)	28.7	(0.7)	26.0	(0.7)	**3.2**	(0.8)
	Colombia	24.9	(0.8)	27.1	(0.9)	24.3	(0.6)	23.8	(0.6)	1.0	(1.2)
	Croatia	31.0	(0.6)	31.0	(0.7)	30.0	(0.7)	28.9	(0.5)	**2.1**	(0.7)
	Estonia	24.5	(0.5)	25.5	(0.6)	25.6	(0.5)	26.2	(0.6)	**-1.6**	(0.7)
	Hong Kong-China	22.4	(0.6)	22.9	(0.6)	23.2	(0.5)	24.9	(0.5)	**-2.5**	(0.8)
	Indonesia	27.0	(0.5)	26.5	(0.5)	26.7	(0.6)	25.7	(0.5)	1.3	(0.8)
	Israel	26.9	(0.7)	26.0	(0.8)	24.5	(0.7)	24.7	(0.7)	**2.3**	(1.0)
	Jordan	35.5	(0.7)	34.8	(0.6)	34.2	(0.7)	33.3	(0.7)	**2.1**	(1.0)
	Kyrgyzstan	36.9	(0.7)	34.0	(0.8)	32.3	(0.8)	32.6	(0.7)	**4.4**	(1.0)
	Latvia	27.4	(0.8)	29.0	(0.7)	28.7	(0.5)	28.5	(0.5)	-1.1	(0.9)
	Liechtenstein	25.7	(1.4)	23.6	(1.6)	24.5	(1.9)	25.5	(1.7)	0.1	(2.2)
	Lithuania	27.9	(0.6)	26.9	(0.6)	27.5	(0.5)	28.9	(0.5)	-1.0	(0.8)
	Macao-China	20.7	(0.6)	21.0	(0.6)	22.6	(0.6)	23.4	(0.5)	**-2.7**	(0.8)
	Montenegro	34.7	(0.7)	35.4	(0.8)	33.7	(0.7)	32.6	(0.7)	**2.2**	(1.0)
	Qatar	32.7	(0.6)	31.5	(0.5)	31.5	(0.5)	30.4	(0.5)	**2.3**	(0.7)
	Romania	32.1	(1.6)	31.3	(0.7)	30.3	(0.8)	29.3	(0.6)	2.8	(1.8)
	Russian Federation	29.4	(0.8)	31.2	(0.6)	30.7	(0.4)	30.2	(0.5)	-0.7	(0.8)
	Serbia	26.8	(0.6)	26.9	(0.6)	28.3	(0.7)	29.0	(0.7)	**-2.2**	(0.9)
	Slovenia	30.7	(0.7)	30.2	(0.6)	29.4	(0.6)	29.9	(0.5)	0.7	(1.0)
	Chinese Taipei	21.6	(0.4)	23.8	(0.5)	23.2	(0.4)	24.9	(0.4)	**-3.3**	(0.6)
	Thailand	25.9	(0.6)	26.9	(0.5)	26.4	(0.5)	24.7	(0.5)	1.2	(0.8)
	Tunisia	32.6	(0.8)	32.5	(0.8)	29.9	(0.7)	29.8	(0.6)	**3.0**	(0.9)
	Uruguay	28.3	(0.8)	27.2	(0.7)	25.8	(0.5)	26.0	(0.5)	**2.3**	(1.0)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.7c [Part 1/7] Mean learning hours and allocation of total learning time on the language of instruction, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Mean learning hours per week									
		Regular school lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	3.83	(0.04)	4.02	(0.03)	4.13	(0.04)	4.28	(0.04)	**-0.46**	(0.05)
	Austria	2.86	(0.07)	2.87	(0.05)	2.90	(0.05)	2.84	(0.05)	0.01	(0.08)
	Belgium	3.22	(0.06)	3.39	(0.05)	3.62	(0.04)	3.72	(0.05)	**-0.48**	(0.08)
	Canada	4.10	(0.06)	4.38	(0.06)	4.59	(0.06)	4.65	(0.07)	**-0.56**	(0.08)
	Czech Republic	3.77	(0.06)	3.66	(0.05)	3.73	(0.05)	3.73	(0.06)	0.03	(0.08)
	Denmark	5.39	(0.07)	5.51	(0.05)	5.57	(0.05)	5.55	(0.05)	-0.16	(0.08)
	Finland	3.05	(0.06)	3.11	(0.06)	3.13	(0.06)	3.24	(0.06)	**-0.20**	(0.06)
	France	3.72	(0.06)	3.96	(0.05)	4.07	(0.04)	4.34	(0.04)	**-0.61**	(0.07)
	Germany	3.65	(0.07)	3.70	(0.06)	3.74	(0.05)	3.55	(0.05)	**0.07**	(0.09)
	Greece	2.88	(0.07)	3.12	(0.07)	3.31	(0.07)	3.39	(0.06)	**-0.51**	(0.09)
	Hungary	2.79	(0.06)	3.19	(0.07)	3.26	(0.07)	3.50	(0.07)	**-0.71**	(0.09)
	Iceland	4.51	(0.05)	4.55	(0.05)	4.43	(0.06)	4.59	(0.05)	-0.09	(0.07)
	Ireland	3.56	(0.06)	3.44	(0.06)	3.57	(0.05)	3.63	(0.05)	-0.07	(0.08)
	Italy	4.46	(0.06)	4.57	(0.05)	4.70	(0.05)	4.75	(0.06)	**-0.30**	(0.08)
	Japan	3.41	(0.07)	3.74	(0.05)	4.04	(0.05)	4.11	(0.05)	**-0.70**	(0.08)
	Korea	4.24	(0.07)	4.48	(0.07)	4.50	(0.05)	4.68	(0.05)	**-0.44**	(0.08)
	Luxembourg	3.31	(0.06)	3.42	(0.05)	3.56	(0.05)	3.74	(0.05)	**-0.43**	(0.07)
	Mexico	3.53	(0.08)	3.69	(0.07)	3.65	(0.05)	4.05	(0.06)	**-0.51**	(0.09)
	Netherlands	2.92	(0.05)	2.94	(0.04)	2.95	(0.05)	2.87	(0.04)	0.05	(0.07)
	New Zealand	4.11	(0.06)	4.38	(0.05)	4.49	(0.05)	4.63	(0.04)	**-0.51**	(0.07)
	Norway	3.38	(0.07)	3.60	(0.06)	3.64	(0.07)	3.78	(0.06)	**-0.40**	(0.09)
	Poland	4.38	(0.05)	4.62	(0.05)	4.72	(0.06)	4.84	(0.04)	**-0.46**	(0.05)
	Portugal	3.04	(0.05)	3.23	(0.05)	3.32	(0.05)	3.48	(0.05)	**-0.44**	(0.07)
	Slovak Republic	3.01	(0.07)	3.05	(0.07)	3.21	(0.08)	3.22	(0.06)	**-0.21**	(0.07)
	Spain	3.46	(0.05)	3.56	(0.05)	3.62	(0.04)	3.79	(0.05)	**-0.33**	(0.06)
	Sweden	3.06	(0.04)	3.09	(0.05)	3.11	(0.04)	3.21	(0.06)	-0.15	(0.08)
	Switzerland	3.57	(0.05)	3.60	(0.06)	3.68	(0.05)	3.75	(0.05)	**-0.18**	(0.06)
	Turkey	3.71	(0.09)	3.89	(0.07)	4.06	(0.08)	4.31	(0.06)	**-0.60**	(0.10)
	United Kingdom	3.75	(0.05)	3.84	(0.04)	3.97	(0.05)	4.03	(0.05)	**-0.27**	(0.07)
	United States	3.04	(0.09)	3.45	(0.07)	3.80	(0.05)	4.29	(0.06)	**-1.24**	(0.11)
	OECD average	3.59	(0.01)	3.73	(0.01)	3.84	(0.01)	3.95	(0.01)	**-0.36**	(0.01)
Partners	Argentina	2.18	(0.06)	2.30	(0.06)	2.31	(0.07)	2.78	(0.12)	**-0.58**	(0.14)
	Azerbaijan	3.34	(0.07)	3.59	(0.09)	3.87	(0.08)	3.95	(0.08)	**-0.62**	(0.10)
	Brazil	2.90	(0.09)	2.96	(0.07)	3.16	(0.05)	3.38	(0.05)	**-0.48**	(0.11)
	Bulgaria	2.59	(0.10)	2.77	(0.07)	3.02	(0.07)	3.27	(0.06)	**-0.68**	(0.12)
	Chile	2.93	(0.08)	3.25	(0.07)	3.51	(0.07)	4.09	(0.10)	**-1.15**	(0.13)
	Colombia	3.71	(0.07)	3.78	(0.08)	3.97	(0.07)	4.22	(0.07)	**-0.51**	(0.10)
	Croatia	3.19	(0.06)	3.31	(0.05)	3.34	(0.05)	3.48	(0.05)	**-0.29**	(0.07)
	Estonia	3.40	(0.07)	3.48	(0.06)	3.52	(0.06)	3.55	(0.05)	**-0.14**	(0.07)
	Hong Kong-China	5.00	(0.06)	5.15	(0.06)	5.27	(0.07)	5.34	(0.07)	**-0.35**	(0.09)
	Indonesia	3.61	(0.10)	3.64	(0.08)	3.56	(0.06)	3.75	(0.05)	-0.14	(0.10)
	Israel	2.78	(0.07)	2.91	(0.08)	3.06	(0.08)	3.38	(0.07)	**-0.59**	(0.10)
	Jordan	3.33	(0.09)	3.44	(0.09)	3.60	(0.07)	3.89	(0.08)	**-0.56**	(0.12)
	Kyrgyzstan	2.54	(0.11)	2.46	(0.08)	2.80	(0.08)	3.17	(0.08)	**-0.61**	(0.12)
	Latvia	3.57	(0.08)	3.72	(0.05)	3.71	(0.05)	3.79	(0.06)	**-0.21**	(0.11)
	Liechtenstein	3.54	(0.17)	3.72	(0.19)	3.78	(0.18)	3.62	(0.14)	-0.07	(0.24)
	Lithuania	3.39	(0.07)	3.62	(0.06)	3.71	(0.07)	3.92	(0.08)	**-0.53**	(0.10)
	Macao-China	5.16	(0.06)	5.42	(0.06)	5.29	(0.06)	5.41	(0.06)	**-0.24**	(0.08)
	Montenegro	2.55	(0.08)	2.80	(0.07)	2.96	(0.07)	3.42	(0.08)	**-0.87**	(0.11)
	Qatar	2.58	(0.06)	2.82	(0.07)	3.05	(0.07)	3.12	(0.06)	**-0.55**	(0.09)
	Romania	2.87	(0.08)	3.22	(0.08)	3.38	(0.09)	3.73	(0.07)	**-0.87**	(0.11)
	Russian Federation	2.05	(0.05)	2.04	(0.06)	2.10	(0.05)	2.00	(0.06)	0.05	(0.08)
	Serbia	3.05	(0.05)	2.97	(0.05)	3.24	(0.05)	3.45	(0.05)	**-0.40**	(0.07)
	Slovenia	2.96	(0.06)	3.16	(0.05)	3.33	(0.05)	3.54	(0.05)	**-0.58**	(0.08)
	Chinese Taipei	3.80	(0.07)	4.15	(0.07)	4.60	(0.06)	4.95	(0.06)	**-1.16**	(0.08)
	Thailand	3.21	(0.05)	3.14	(0.04)	2.97	(0.04)	3.09	(0.05)	0.12	(0.07)
	Tunisia	3.13	(0.08)	3.19	(0.08)	3.12	(0.07)	3.10	(0.08)	0.03	(0.11)
	Uruguay	2.66	(0.07)	2.73	(0.07)	2.76	(0.06)	2.81	(0.05)	-0.14	(0.09)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.7c [Part 2/7] Mean learning hours and allocation of total learning time on the language of instruction, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Mean learning hours per week									
		Out-of-school-time lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	0.71	(0.03)	0.66	(0.03)	0.65	(0.02)	0.62	(0.03)	**0.10**	(0.04)
	Austria	0.33	(0.03)	0.28	(0.03)	0.17	(0.02)	0.16	(0.03)	**0.18**	(0.04)
	Belgium	0.54	(0.02)	0.46	(0.02)	0.44	(0.03)	0.36	(0.03)	**0.19**	(0.04)
	Canada	0.85	(0.03)	0.83	(0.04)	0.92	(0.04)	0.86	(0.04)	-0.02	(0.04)
	Czech Republic	0.67	(0.03)	0.59	(0.04)	0.58	(0.04)	0.60	(0.03)	0.08	(0.05)
	Denmark	1.75	(0.06)	1.60	(0.05)	1.69	(0.06)	1.69	(0.06)	0.06	(0.09)
	Finland	0.38	(0.03)	0.38	(0.03)	0.37	(0.02)	0.33	(0.02)	0.05	(0.04)
	France	0.95	(0.04)	0.77	(0.03)	0.74	(0.03)	0.60	(0.04)	**0.36**	(0.06)
	Germany	0.81	(0.05)	0.64	(0.03)	0.55	(0.04)	0.43	(0.04)	**0.38**	(0.07)
	Greece	1.46	(0.07)	1.61	(0.04)	1.77	(0.07)	1.67	(0.06)	**-0.22**	(0.09)
	Hungary	1.29	(0.05)	1.27	(0.05)	1.41	(0.05)	1.26	(0.06)	0.04	(0.08)
	Iceland	0.40	(0.03)	0.46	(0.04)	0.53	(0.04)	0.46	(0.03)	-0.06	(0.05)
	Ireland	0.69	(0.05)	0.64	(0.04)	0.65	(0.04)	0.55	(0.04)	**0.14**	(0.06)
	Italy	0.85	(0.03)	0.82	(0.04)	0.76	(0.03)	0.75	(0.04)	0.10	(0.05)
	Japan	0.44	(0.03)	0.37	(0.03)	0.45	(0.04)	0.43	(0.03)	-0.00	(0.04)
	Korea	1.05	(0.06)	1.28	(0.06)	1.55	(0.06)	1.90	(0.08)	**-0.85**	(0.10)
	Luxembourg	0.84	(0.04)	0.64	(0.03)	0.49	(0.03)	0.39	(0.03)	**0.45**	(0.06)
	Mexico	1.27	(0.07)	1.08	(0.04)	1.12	(0.04)	0.95	(0.06)	**0.32**	(0.10)
	Netherlands	0.77	(0.04)	0.74	(0.03)	0.60	(0.04)	0.47	(0.03)	**0.31**	(0.06)
	New Zealand	0.75	(0.05)	0.66	(0.04)	0.58	(0.04)	0.60	(0.04)	**0.16**	(0.06)
	Norway	1.17	(0.04)	1.14	(0.04)	1.11	(0.05)	1.19	(0.05)	-0.02	(0.06)
	Poland	0.73	(0.05)	0.74	(0.04)	0.67	(0.04)	0.66	(0.03)	0.07	(0.06)
	Portugal	0.66	(0.04)	0.61	(0.04)	0.56	(0.03)	0.43	(0.03)	**0.22**	(0.05)
	Slovak Republic	0.89	(0.05)	0.83	(0.04)	0.88	(0.04)	0.95	(0.04)	-0.06	(0.07)
	Spain	0.69	(0.04)	0.66	(0.04)	0.55	(0.03)	0.43	(0.04)	**0.27**	(0.05)
	Sweden	0.68	(0.04)	0.67	(0.03)	0.64	(0.03)	0.69	(0.05)	-0.00	(0.06)
	Switzerland	0.63	(0.03)	0.50	(0.03)	0.44	(0.03)	0.38	(0.03)	**0.25**	(0.04)
	Turkey	1.81	(0.07)	1.83	(0.07)	1.87	(0.07)	1.75	(0.09)	0.05	(0.11)
	United Kingdom	0.62	(0.04)	0.60	(0.03)	0.64	(0.03)	0.51	(0.03)	**0.11**	(0.04)
	United States	1.17	(0.08)	1.12	(0.04)	1.14	(0.06)	1.03	(0.05)	0.14	(0.09)
	OECD average	0.86	(0.01)	0.82	(0.01)	0.82	(0.01)	0.77	(0.01)	**0.09**	(0.01)
Partners	Argentina	0.48	(0.04)	0.44	(0.03)	0.44	(0.05)	0.34	(0.04)	**0.14**	(0.05)
	Azerbaijan	1.69	(0.08)	1.70	(0.07)	1.79	(0.07)	2.01	(0.07)	**-0.31**	(0.09)
	Brazil	1.16	(0.06)	1.19	(0.05)	1.20	(0.05)	1.17	(0.05)	0.00	(0.08)
	Bulgaria	1.09	(0.07)	1.15	(0.06)	1.03	(0.05)	1.10	(0.07)	-0.02	(0.11)
	Chile	1.10	(0.05)	1.03	(0.05)	1.03	(0.05)	0.83	(0.05)	**0.27**	(0.06)
	Colombia	1.20	(0.06)	1.22	(0.08)	1.06	(0.04)	1.12	(0.06)	0.08	(0.07)
	Croatia	0.44	(0.04)	0.40	(0.03)	0.34	(0.03)	0.37	(0.02)	0.07	(0.04)
	Estonia	0.95	(0.05)	0.94	(0.05)	0.87	(0.05)	0.78	(0.05)	**0.17**	(0.05)
	Hong Kong-China	0.82	(0.05)	0.85	(0.06)	0.75	(0.04)	0.81	(0.06)	0.01	(0.07)
	Indonesia	1.24	(0.06)	1.28	(0.05)	1.29	(0.07)	1.21	(0.05)	0.03	(0.07)
	Israel	1.51	(0.06)	1.36	(0.06)	1.24	(0.06)	1.25	(0.05)	**0.27**	(0.08)
	Jordan	1.81	(0.06)	1.81	(0.06)	1.85	(0.06)	1.63	(0.07)	0.18	(0.09)
	Kyrgyzstan	1.72	(0.07)	1.69	(0.06)	1.74	(0.07)	1.65	(0.06)	0.07	(0.08)
	Latvia	0.91	(0.06)	0.94	(0.06)	0.84	(0.04)	0.81	(0.05)	0.10	(0.08)
	Liechtenstein	0.45	(0.09)	0.30	(0.08)	0.28	(0.08)	0.22	(0.06)	**0.22**	(0.11)
	Lithuania	0.74	(0.04)	0.64	(0.04)	0.64	(0.03)	0.60	(0.04)	**0.14**	(0.06)
	Macao-China	1.01	(0.05)	1.02	(0.04)	1.01	(0.05)	1.19	(0.07)	**-0.19**	(0.09)
	Montenegro	0.69	(0.04)	0.75	(0.05)	0.80	(0.05)	0.75	(0.05)	-0.06	(0.06)
	Qatar	1.57	(0.05)	1.64	(0.05)	1.61	(0.06)	1.52	(0.05)	0.06	(0.06)
	Romania	1.42	(0.08)	1.51	(0.06)	1.62	(0.07)	1.52	(0.05)	-0.11	(0.10)
	Russian Federation	0.81	(0.04)	0.85	(0.04)	0.82	(0.04)	0.80	(0.04)	0.02	(0.05)
	Serbia	0.96	(0.04)	0.88	(0.05)	0.97	(0.05)	0.89	(0.05)	0.07	(0.07)
	Slovenia	0.85	(0.03)	0.77	(0.04)	0.73	(0.04)	0.58	(0.03)	**0.27**	(0.05)
	Chinese Taipei	0.64	(0.03)	0.71	(0.04)	0.70	(0.04)	0.72	(0.04)	-0.09	(0.05)
	Thailand	0.61	(0.05)	0.66	(0.04)	0.56	(0.03)	0.42	(0.04)	**0.20**	(0.06)
	Tunisia	1.96	(0.06)	2.00	(0.06)	1.83	(0.06)	1.33	(0.08)	**0.62**	(0.09)
	Uruguay	0.64	(0.04)	0.73	(0.05)	0.68	(0.04)	0.52	(0.04)	**0.12**	(0.06)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.7c [Part 3/7] Mean learning hours and allocation of total learning time on the language of instruction, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Mean learning hours per week									
		Individual study									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	1.52	(0.03)	1.64	(0.03)	1.76	(0.04)	1.94	(0.04)	**-0.42**	(0.05)
	Austria	1.71	(0.06)	1.59	(0.05)	1.47	(0.05)	1.42	(0.04)	**0.29**	(0.07)
	Belgium	1.24	(0.04)	1.30	(0.03)	1.42	(0.03)	1.43	(0.03)	**-0.18**	(0.05)
	Canada	1.52	(0.04)	1.59	(0.04)	1.90	(0.05)	1.95	(0.05)	**-0.43**	(0.06)
	Czech Republic	1.18	(0.05)	1.16	(0.05)	1.11	(0.04)	1.19	(0.05)	-0.00	(0.07)
	Denmark	2.08	(0.06)	2.09	(0.05)	2.24	(0.05)	2.25	(0.05)	**-0.16**	(0.07)
	Finland	1.06	(0.03)	1.11	(0.04)	1.17	(0.04)	1.20	(0.03)	**-0.13**	(0.04)
	France	1.36	(0.05)	1.44	(0.04)	1.55	(0.04)	1.72	(0.05)	**-0.35**	(0.07)
	Germany	1.92	(0.06)	1.95	(0.05)	1.92	(0.05)	1.78	(0.05)	0.12	(0.08)
	Greece	1.78	(0.06)	1.91	(0.06)	2.04	(0.06)	2.02	(0.06)	**-0.23**	(0.07)
	Hungary	1.73	(0.05)	1.82	(0.05)	1.96	(0.06)	1.93	(0.06)	**-0.19**	(0.07)
	Iceland	1.55	(0.04)	1.55	(0.04)	1.51	(0.04)	1.57	(0.04)	-0.02	(0.06)
	Ireland	1.59	(0.06)	1.66	(0.05)	1.83	(0.05)	1.92	(0.06)	**-0.32**	(0.09)
	Italy	2.69	(0.04)	2.87	(0.05)	2.99	(0.05)	3.26	(0.08)	**-0.57**	(0.08)
	Japan	0.74	(0.03)	0.91	(0.04)	1.05	(0.05)	1.08	(0.05)	**-0.34**	(0.05)
	Korea	1.06	(0.04)	1.17	(0.04)	1.45	(0.04)	1.94	(0.07)	**-0.88**	(0.08)
	Luxembourg	1.54	(0.05)	1.43	(0.05)	1.34	(0.03)	1.24	(0.03)	**0.29**	(0.06)
	Mexico	2.07	(0.06)	2.09	(0.04)	2.07	(0.05)	2.00	(0.05)	0.07	(0.07)
	Netherlands	1.37	(0.05)	1.29	(0.04)	1.31	(0.04)	1.35	(0.04)	0.02	(0.06)
	New Zealand	1.42	(0.05)	1.58	(0.04)	1.54	(0.04)	1.78	(0.05)	**-0.35**	(0.07)
	Norway	1.32	(0.05)	1.45	(0.05)	1.43	(0.05)	1.59	(0.04)	**-0.27**	(0.06)
	Poland	2.19	(0.05)	2.19	(0.05)	2.23	(0.05)	2.29	(0.05)	-0.12	(0.07)
	Portugal	1.73	(0.06)	1.83	(0.05)	1.82	(0.04)	1.78	(0.05)	-0.05	(0.08)
	Slovak Republic	1.59	(0.06)	1.72	(0.05)	1.87	(0.05)	1.79	(0.06)	**-0.20**	(0.07)
	Spain	1.76	(0.05)	1.85	(0.05)	1.95	(0.05)	1.99	(0.04)	**-0.24**	(0.05)
	Sweden	1.13	(0.04)	1.22	(0.04)	1.29	(0.03)	1.39	(0.05)	**-0.27**	(0.07)
	Switzerland	1.48	(0.03)	1.37	(0.03)	1.38	(0.03)	1.37	(0.03)	**0.12**	(0.04)
	Turkey	2.17	(0.06)	2.32	(0.06)	2.26	(0.06)	1.96	(0.09)	**0.20**	(0.10)
	United Kingdom	1.36	(0.03)	1.47	(0.04)	1.67	(0.04)	1.85	(0.04)	**-0.49**	(0.05)
	United States	1.59	(0.04)	1.64	(0.05)	1.91	(0.05)	2.31	(0.06)	**-0.71**	(0.07)
	OECD average	1.58	(0.01)	1.64	(0.01)	1.71	(0.01)	1.78	(0.01)	**-0.19**	(0.01)
Partners	Argentina	1.58	(0.06)	1.61	(0.08)	1.76	(0.06)	1.61	(0.05)	-0.02	(0.08)
	Azerbaijan	2.80	(0.11)	2.97	(0.08)	3.26	(0.08)	3.39	(0.08)	**-0.58**	(0.14)
	Brazil	1.76	(0.05)	1.67	(0.05)	1.80	(0.05)	1.74	(0.04)	0.02	(0.07)
	Bulgaria	1.69	(0.08)	2.00	(0.08)	2.18	(0.08)	2.35	(0.08)	**-0.68**	(0.11)
	Chile	1.54	(0.04)	1.58	(0.05)	1.62	(0.06)	1.51	(0.05)	0.03	(0.06)
	Colombia	1.78	(0.07)	1.87	(0.08)	1.78	(0.06)	1.92	(0.07)	-0.14	(0.11)
	Croatia	1.58	(0.05)	1.59	(0.04)	1.60	(0.06)	1.55	(0.06)	0.03	(0.07)
	Estonia	1.60	(0.05)	1.62	(0.04)	1.64	(0.05)	1.62	(0.05)	-0.02	(0.07)
	Hong Kong-China	1.62	(0.06)	1.68	(0.05)	1.57	(0.06)	1.70	(0.07)	-0.08	(0.07)
	Indonesia	1.86	(0.08)	1.76	(0.04)	1.82	(0.05)	1.76	(0.06)	0.10	(0.11)
	Israel	1.75	(0.07)	1.63	(0.07)	1.59	(0.06)	1.67	(0.05)	0.09	(0.10)
	Jordan	2.66	(0.07)	2.55	(0.06)	2.59	(0.06)	2.56	(0.08)	0.11	(0.11)
	Kyrgyzstan	2.38	(0.08)	2.26	(0.06)	2.37	(0.06)	2.35	(0.06)	0.03	(0.09)
	Latvia	1.93	(0.07)	2.03	(0.06)	2.01	(0.05)	2.05	(0.06)	-0.12	(0.09)
	Liechtenstein	1.16	(0.12)	1.20	(0.09)	1.28	(0.11)	1.26	(0.15)	-0.10	(0.20)
	Lithuania	1.73	(0.05)	1.74	(0.05)	1.86	(0.06)	1.95	(0.05)	**-0.21**	(0.07)
	Macao-China	1.36	(0.05)	1.45	(0.05)	1.48	(0.05)	1.67	(0.06)	**-0.30**	(0.08)
	Montenegro	1.83	(0.06)	2.03	(0.07)	2.00	(0.07)	2.09	(0.06)	**-0.26**	(0.10)
	Qatar	1.98	(0.05)	2.06	(0.05)	2.13	(0.05)	1.98	(0.05)	0.00	(0.07)
	Romania	1.99	(0.10)	2.15	(0.06)	2.22	(0.06)	2.40	(0.08)	**-0.42**	(0.09)
	Russian Federation	1.55	(0.06)	1.58	(0.05)	1.55	(0.04)	1.52	(0.04)	0.02	(0.05)
	Serbia	1.64	(0.05)	1.61	(0.05)	1.74	(0.05)	1.81	(0.06)	**-0.17**	(0.08)
	Slovenia	1.46	(0.04)	1.50	(0.04)	1.49	(0.04)	1.46	(0.05)	-0.00	(0.06)
	Chinese Taipei	1.43	(0.04)	1.68	(0.05)	1.90	(0.05)	2.07	(0.04)	**-0.64**	(0.05)
	Thailand	1.78	(0.06)	1.81	(0.05)	1.67	(0.05)	1.56	(0.04)	**0.22**	(0.07)
	Tunisia	2.31	(0.07)	2.25	(0.06)	2.07	(0.06)	1.84	(0.07)	**0.46**	(0.09)
	Uruguay	1.30	(0.05)	1.32	(0.06)	1.34	(0.05)	1.44	(0.04)	**-0.14**	(0.06)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.7c [Part 4/7] Mean learning hours and allocation of total learning time on the language of instruction, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Mean learning hours per week									
		Total learning hours									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	6.09	(0.07)	6.33	(0.06)	6.52	(0.07)	6.81	(0.07)	**-0.74**	(0.10)
	Austria	4.89	(0.13)	4.77	(0.11)	4.53	(0.09)	4.43	(0.08)	**0.46**	(0.14)
	Belgium	5.04	(0.10)	5.16	(0.06)	5.48	(0.06)	5.51	(0.06)	**-0.43**	(0.12)
	Canada	6.50	(0.10)	6.84	(0.09)	7.42	(0.11)	7.48	(0.12)	**-0.96**	(0.14)
	Czech Republic	5.61	(0.09)	5.42	(0.09)	5.41	(0.10)	5.52	(0.10)	0.12	(0.13)
	Denmark	9.23	(0.15)	9.19	(0.11)	9.50	(0.11)	9.47	(0.11)	-0.23	(0.17)
	Finland	4.49	(0.10)	4.60	(0.09)	4.67	(0.09)	4.76	(0.08)	**-0.27**	(0.11)
	France	6.06	(0.10)	6.18	(0.08)	6.37	(0.07)	6.65	(0.09)	**-0.58**	(0.14)
	Germany	6.42	(0.13)	6.28	(0.10)	6.23	(0.08)	5.75	(0.11)	**0.60**	(0.18)
	Greece	6.13	(0.15)	6.66	(0.13)	7.12	(0.16)	7.08	(0.13)	**-0.96**	(0.18)
	Hungary	5.85	(0.13)	6.29	(0.13)	6.65	(0.14)	6.67	(0.15)	**-0.83**	(0.19)
	Iceland	6.45	(0.08)	6.57	(0.08)	6.48	(0.10)	6.63	(0.08)	-0.17	(0.12)
	Ireland	5.85	(0.13)	5.77	(0.11)	6.05	(0.10)	6.11	(0.11)	-0.25	(0.17)
	Italy	8.03	(0.09)	8.26	(0.10)	8.45	(0.10)	8.74	(0.13)	**-0.71**	(0.16)
	Japan	4.59	(0.09)	5.02	(0.09)	5.55	(0.10)	5.63	(0.11)	**-1.03**	(0.12)
	Korea	6.38	(0.14)	6.95	(0.11)	7.54	(0.11)	8.50	(0.17)	**-2.12**	(0.20)
	Luxembourg	5.69	(0.10)	5.51	(0.10)	5.35	(0.07)	5.38	(0.08)	**0.31**	(0.13)
	Mexico	6.85	(0.14)	6.83	(0.11)	6.82	(0.10)	6.99	(0.12)	-0.14	(0.16)
	Netherlands	5.05	(0.08)	4.99	(0.08)	4.85	(0.09)	4.67	(0.07)	**0.40**	(0.10)
	New Zealand	6.29	(0.10)	6.63	(0.09)	6.60	(0.09)	7.00	(0.10)	**-0.70**	(0.13)
	Norway	5.89	(0.11)	6.16	(0.10)	6.19	(0.11)	6.54	(0.11)	**-0.66**	(0.15)
	Poland	7.29	(0.09)	7.55	(0.10)	7.62	(0.09)	7.79	(0.08)	**-0.50**	(0.12)
	Portugal	5.46	(0.10)	5.68	(0.10)	5.70	(0.10)	5.65	(0.10)	-0.21	(0.14)
	Slovak Republic	5.48	(0.12)	5.61	(0.12)	5.96	(0.13)	5.95	(0.12)	**-0.50**	(0.15)
	Spain	5.98	(0.09)	6.11	(0.10)	6.10	(0.09)	6.22	(0.06)	**-0.25**	(0.11)
	Sweden	4.89	(0.09)	4.98	(0.09)	5.03	(0.07)	5.30	(0.14)	**-0.40**	(0.18)
	Switzerland	5.69	(0.07)	5.47	(0.08)	5.51	(0.07)	5.49	(0.08)	**0.20**	(0.10)
	Turkey	7.62	(0.17)	8.04	(0.16)	8.20	(0.17)	7.97	(0.18)	-0.39	(0.22)
	United Kingdom	5.75	(0.10)	5.91	(0.08)	6.28	(0.09)	6.39	(0.09)	**-0.64**	(0.12)
	United States	5.87	(0.11)	6.26	(0.11)	6.84	(0.12)	7.65	(0.10)	**-1.76**	(0.15)
	OECD average	6.05	(0.02)	6.20	(0.02)	6.37	(0.02)	6.49	(0.02)	**-0.45**	(0.03)
Partners	Argentina	4.27	(0.12)	4.33	(0.12)	4.50	(0.12)	4.70	(0.14)	**-0.40**	(0.18)
	Azerbaijan	7.93	(0.20)	8.32	(0.20)	9.01	(0.20)	9.36	(0.18)	**-1.40**	(0.26)
	Brazil	5.79	(0.12)	5.83	(0.13)	6.15	(0.12)	6.26	(0.10)	**-0.43**	(0.17)
	Bulgaria	5.42	(0.19)	5.95	(0.16)	6.24	(0.16)	6.70	(0.16)	**-1.31**	(0.27)
	Chile	5.60	(0.12)	5.87	(0.11)	6.20	(0.14)	6.45	(0.13)	**-0.84**	(0.15)
	Colombia	6.69	(0.13)	6.89	(0.17)	6.84	(0.12)	7.25	(0.14)	**-0.57**	(0.18)
	Croatia	5.25	(0.11)	5.32	(0.09)	5.29	(0.09)	5.42	(0.09)	-0.17	(0.13)
	Estonia	5.97	(0.09)	6.03	(0.10)	6.03	(0.11)	5.94	(0.10)	0.03	(0.12)
	Hong Kong-China	7.44	(0.12)	7.69	(0.12)	7.58	(0.11)	7.86	(0.16)	**-0.41**	(0.17)
	Indonesia	6.72	(0.19)	6.67	(0.13)	6.64	(0.14)	6.71	(0.12)	0.00	(0.22)
	Israel	6.14	(0.16)	5.92	(0.17)	5.87	(0.16)	6.27	(0.13)	-0.12	(0.21)
	Jordan	7.81	(0.18)	7.79	(0.15)	8.04	(0.11)	8.03	(0.13)	-0.21	(0.22)
	Kyrgyzstan	6.77	(0.18)	6.46	(0.15)	6.96	(0.16)	7.21	(0.13)	**-0.42**	(0.20)
	Latvia	6.40	(0.16)	6.71	(0.11)	6.55	(0.09)	6.66	(0.12)	-0.24	(0.22)
	Liechtenstein	5.18	(0.23)	5.16	(0.24)	5.29	(0.24)	5.15	(0.23)	0.05	(0.37)
	Lithuania	5.84	(0.11)	6.02	(0.12)	6.22	(0.12)	6.45	(0.11)	**-0.62**	(0.15)
	Macao-China	7.54	(0.11)	7.88	(0.11)	7.78	(0.11)	8.26	(0.12)	**-0.73**	(0.16)
	Montenegro	5.07	(0.13)	5.61	(0.14)	5.74	(0.14)	6.23	(0.14)	**-1.16**	(0.20)
	Qatar	6.16	(0.11)	6.52	(0.12)	6.77	(0.13)	6.58	(0.12)	**-0.40**	(0.16)
	Romania	6.29	(0.17)	6.89	(0.16)	7.25	(0.17)	7.64	(0.14)	**-1.37**	(0.20)
	Russian Federation	4.40	(0.10)	4.45	(0.11)	4.44	(0.10)	4.30	(0.10)	0.10	(0.11)
	Serbia	5.64	(0.10)	5.47	(0.10)	5.94	(0.10)	6.13	(0.14)	**-0.51**	(0.17)
	Slovenia	5.33	(0.09)	5.42	(0.09)	5.56	(0.10)	5.58	(0.09)	**-0.28**	(0.13)
	Chinese Taipei	5.95	(0.10)	6.56	(0.11)	7.23	(0.10)	7.75	(0.10)	**-1.83**	(0.13)
	Thailand	5.61	(0.12)	5.58	(0.08)	5.21	(0.09)	5.04	(0.09)	**0.57**	(0.16)
	Tunisia	7.39	(0.14)	7.46	(0.15)	7.09	(0.12)	6.25	(0.18)	**1.12**	(0.21)
	Uruguay	4.63	(0.11)	4.82	(0.14)	4.78	(0.11)	4.78	(0.10)	-0.12	(0.16)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.7c [Part 5/7] Mean learning hours and allocation of total learning time on the language of instruction, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Allocation of total learning time on the language of instruction for Regular school lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	67.4	(0.5)	67.3	(0.4)	67.0	(0.4)	66.6	(0.4)	0.7	(0.7)
	Austria	62.9	(0.8)	64.7	(0.7)	67.1	(0.7)	67.4	(0.7)	**-4.5**	(0.9)
	Belgium	65.9	(0.6)	67.1	(0.6)	67.4	(0.6)	68.8	(0.5)	**-2.8**	(0.7)
	Canada	65.7	(0.7)	66.2	(0.5)	65.3	(0.6)	65.3	(0.5)	0.3	(0.7)
	Czech Republic	70.1	(1.0)	71.2	(0.9)	72.4	(0.6)	72.8	(0.7)	**-2.7**	(1.2)
	Denmark	61.6	(0.7)	62.9	(0.5)	62.1	(0.6)	62.1	(0.6)	-0.6	(0.8)
	Finland	70.7	(0.7)	71.0	(0.7)	69.9	(0.6)	71.1	(0.6)	-0.5	(0.9)
	France	65.2	(0.8)	66.9	(0.8)	67.2	(0.6)	68.7	(0.7)	**-3.8**	(1.1)
	Germany	59.4	(0.7)	61.9	(0.6)	63.0	(0.7)	65.0	(0.6)	**-5.6**	(0.9)
	Greece	51.8	(1.0)	49.7	(0.8)	49.9	(0.9)	52.5	(0.9)	-0.6	(1.3)
	Hungary	49.8	(0.9)	54.2	(0.7)	52.6	(0.7)	56.4	(0.7)	**-6.7**	(1.1)
	Iceland	72.1	(0.6)	71.9	(0.7)	71.3	(0.6)	71.8	(0.5)	0.2	(0.8)
	Ireland	65.3	(0.8)	64.3	(0.7)	63.3	(0.6)	64.2	(0.8)	1.0	(1.1)
	Italy	57.2	(0.5)	57.4	(0.5)	57.8	(0.4)	56.4	(0.5)	0.9	(0.7)
	Japan	78.8	(0.7)	78.8	(0.7)	77.5	(0.6)	77.5	(0.7)	1.3	(0.8)
	Korea	71.9	(0.7)	69.3	(0.8)	64.5	(0.7)	59.7	(0.9)	**12.1**	(1.2)
	Luxembourg	62.2	(0.9)	65.5	(0.7)	69.7	(0.6)	71.9	(0.6)	**-10.0**	(1.1)
	Mexico	51.6	(1.0)	54.7	(0.7)	54.5	(0.5)	59.5	(0.8)	**-7.7**	(1.3)
	Netherlands	60.7	(1.1)	63.0	(0.6)	63.9	(0.8)	64.6	(0.7)	**-3.8**	(1.4)
	New Zealand	69.4	(0.8)	69.9	(0.6)	71.3	(0.7)	70.0	(0.7)	-0.6	(1.0)
	Norway	62.1	(0.8)	62.6	(0.8)	62.1	(0.9)	62.1	(0.8)	**0.2**	(1.1)
	Poland	62.1	(0.5)	63.1	(0.6)	64.2	(0.7)	64.7	(0.6)	**-2.7**	(0.7)
	Portugal	58.5	(1.0)	59.6	(0.8)	61.8	(0.6)	64.3	(0.7)	**-5.7**	(1.2)
	Slovak Republic	60.2	(0.9)	58.6	(0.7)	58.0	(0.9)	59.0	(0.8)	1.3	(1.1)
	Spain	61.4	(0.7)	62.1	(0.6)	62.7	(0.5)	64.4	(0.5)	**-3.1**	(0.9)
	Sweden	67.7	(0.9)	66.3	(0.8)	66.9	(0.6)	66.3	(0.8)	1.4	(1.0)
	Switzerland	64.5	(0.7)	67.4	(0.6)	68.2	(0.6)	70.0	(0.5)	**-5.4**	(0.8)
	Turkey	52.3	(1.0)	52.7	(0.7)	55.1	(0.8)	58.7	(1.3)	**-6.5**	(1.6)
	United Kingdom	69.0	(0.6)	68.6	(0.5)	66.7	(0.5)	66.0	(0.5)	**3.0**	(0.7)
	United States	52.6	(1.3)	55.8	(0.8)	57.1	(0.9)	58.1	(0.7)	**-5.5**	(1.5)
	OECD average	63.0	(0.1)	63.8	(0.1)	64.0	(0.1)	64.9	(0.1)	**-1.9**	(0.2)
Partners	Argentina	53.6	(0.9)	53.8	(1.0)	52.9	(1.1)	60.7	(1.2)	**-7.4**	(1.6)
	Azerbaijan	44.6	(1.1)	44.6	(1.0)	45.3	(0.7)	44.9	(0.8)	-0.7	(1.3)
	Brazil	53.0	(1.1)	53.9	(1.0)	53.9	(0.9)	56.9	(0.8)	**-3.9**	(1.5)
	Bulgaria	51.3	(1.0)	50.8	(0.9)	51.8	(0.7)	53.1	(1.0)	-1.5	(1.6)
	Chile	51.9	(0.8)	55.9	(0.9)	57.7	(0.8)	64.0	(1.0)	**-12.1**	(1.3)
	Colombia	58.3	(1.4)	58.9	(1.1)	61.3	(0.8)	62.6	(0.9)	**-4.0**	(1.7)
	Croatia	65.3	(0.8)	66.1	(0.7)	66.9	(0.7)	68.9	(0.8)	**-3.6**	(1.0)
	Estonia	60.6	(0.9)	60.9	(0.8)	62.0	(0.8)	63.6	(0.7)	**-3.0**	(0.9)
	Hong Kong-China	70.1	(0.8)	69.9	(0.7)	72.2	(0.8)	71.5	(0.7)	-1.5	(1.0)
	Indonesia	55.6	(0.7)	56.1	(0.7)	55.3	(1.1)	58.0	(1.0)	**-2.4**	(1.1)
	Israel	48.6	(1.1)	52.2	(0.9)	56.3	(1.1)	58.8	(0.9)	**-10.3**	(1.6)
	Jordan	41.0	(0.8)	43.3	(0.9)	44.6	(1.0)	48.1	(1.0)	**-7.2**	(1.3)
	Kyrgyzstan	36.9	(1.0)	37.5	(0.8)	39.8	(0.8)	45.1	(0.8)	**-8.1**	(1.3)
	Latvia	58.6	(0.9)	58.4	(0.7)	59.6	(0.7)	60.4	(0.6)	-1.8	(1.1)
	Liechtenstein	67.1	(2.6)	69.8	(2.2)	70.1	(2.3)	72.8	(2.2)	-5.8	(3.5)
	Lithuania	60.8	(0.9)	63.2	(0.7)	62.6	(0.7)	62.8	(0.7)	**-2.1**	(1.1)
	Macao-China	72.1	(0.7)	72.2	(0.6)	72.0	(0.7)	69.3	(0.8)	**2.6**	(1.1)
	Montenegro	50.9	(0.9)	51.9	(0.8)	53.2	(0.8)	56.1	(0.8)	**-5.4**	(1.3)
	Qatar	41.6	(0.7)	43.5	(0.7)	46.1	(0.7)	47.6	(0.7)	**-5.9**	(1.0)
	Romania	49.7	(1.3)	49.8	(1.0)	50.4	(1.0)	52.8	(1.0)	**-3.0**	(1.4)
	Russian Federation	48.6	(1.0)	47.1	(0.8)	48.5	(0.9)	48.8	(0.8)	-0.3	(1.2)
	Serbia	59.5	(0.7)	59.6	(0.8)	59.6	(0.8)	62.0	(0.8)	**-2.5**	(1.1)
	Slovenia	57.2	(0.8)	59.2	(0.7)	62.4	(0.7)	64.7	(0.9)	**-7.2**	(1.3)
	Chinese Taipei	66.9	(0.6)	65.4	(0.7)	66.0	(0.6)	66.1	(0.6)	0.8	(0.8)
	Thailand	62.1	(0.8)	60.6	(0.6)	61.6	(0.6)	65.8	(0.7)	**-3.8**	(1.1)
	Tunisia	42.6	(0.9)	43.6	(0.9)	46.0	(1.0)	50.2	(1.4)	**-7.6**	(1.6)
	Uruguay	59.8	(1.1)	60.6	(1.0)	60.6	(1.0)	62.5	(0.8)	**-2.9**	(1.3)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.7c [Part 6/7] Mean learning hours and allocation of total learning time on the language of instruction, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Allocation of total learning time on the language of instruction for Out-of-school-time lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	9.6	(0.3)	8.5	(0.3)	7.9	(0.3)	7.1	(0.3)	**2.6**	(0.4)
	Austria	4.7	(0.4)	4.0	(0.4)	2.5	(0.3)	2.3	(0.3)	**2.5**	(0.5)
	Belgium	9.1	(0.3)	7.3	(0.4)	6.6	(0.4)	5.1	(0.3)	**4.1**	(0.5)
	Canada	11.9	(0.4)	10.9	(0.4)	10.7	(0.4)	9.6	(0.3)	**2.3**	(0.5)
	Czech Republic	10.2	(0.4)	8.8	(0.5)	8.8	(0.4)	8.1	(0.4)	**2.3**	(0.6)
	Denmark	17.2	(0.5)	15.6	(0.4)	15.6	(0.4)	15.4	(0.5)	**1.9**	(0.7)
	Finland	7.0	(0.5)	6.4	(0.4)	6.4	(0.3)	5.1	(0.3)	**1.8**	(0.6)
	France	13.8	(0.5)	11.2	(0.5)	10.2	(0.4)	7.5	(0.4)	**6.3**	(0.6)
	Germany	10.9	(0.6)	8.0	(0.4)	7.1	(0.5)	5.5	(0.4)	**5.4**	(0.8)
	Greece	20.4	(0.8)	22.4	(0.6)	22.6	(0.7)	20.8	(0.6)	-0.4	(1.0)
	Hungary	20.8	(0.7)	17.9	(0.6)	18.3	(0.5)	16.0	(0.6)	**4.9**	(0.9)
	Iceland	5.5	(0.4)	6.1	(0.5)	6.6	(0.5)	5.7	(0.4)	-0.3	(0.6)
	Ireland	9.3	(0.6)	8.8	(0.4)	7.9	(0.4)	6.5	(0.4)	**2.9**	(0.6)
	Italy	9.6	(0.4)	8.4	(0.3)	7.7	(0.3)	7.5	(0.3)	**2.1**	(0.5)
	Japan	7.3	(0.4)	5.7	(0.4)	6.1	(0.4)	6.0	(0.3)	**1.3**	(0.5)
	Korea	13.1	(0.6)	15.2	(0.6)	17.9	(0.6)	19.7	(0.7)	**-6.5**	(0.9)
	Luxembourg	12.4	(0.6)	9.9	(0.4)	7.1	(0.4)	5.7	(0.3)	**6.9**	(0.7)
	Mexico	17.2	(0.9)	14.2	(0.5)	15.1	(0.4)	11.9	(0.6)	**5.3**	(1.1)
	Netherlands	13.1	(0.7)	12.3	(0.4)	10.2	(0.5)	7.8	(0.4)	**5.2**	(0.8)
	New Zealand	9.8	(0.6)	8.2	(0.4)	7.2	(0.4)	6.6	(0.4)	**3.2**	(0.7)
	Norway	17.7	(0.5)	16.3	(0.5)	16.1	(0.6)	15.5	(0.5)	**2.2**	(0.7)
	Poland	9.5	(0.6)	8.9	(0.4)	8.1	(0.5)	7.4	(0.4)	**2.1**	(0.7)
	Portugal	11.2	(0.6)	9.8	(0.6)	7.9	(0.4)	6.0	(0.4)	**5.2**	(0.9)
	Slovak Republic	12.6	(0.7)	12.5	(0.5)	12.6	(0.5)	13.1	(0.5)	-0.6	(0.9)
	Spain	10.3	(0.5)	8.9	(0.4)	7.8	(0.4)	5.4	(0.4)	**5.0**	(0.7)
	Sweden	11.2	(0.5)	10.6	(0.5)	9.9	(0.4)	9.3	(0.4)	**1.9**	(0.6)
	Switzerland	9.2	(0.5)	7.3	(0.4)	6.4	(0.4)	5.3	(0.3)	**4.0**	(0.6)
	Turkey	20.9	(0.9)	20.0	(0.5)	19.3	(0.5)	18.9	(0.8)	2.1	(1.2)
	United Kingdom	8.7	(0.4)	8.0	(0.3)	8.0	(0.3)	6.5	(0.4)	**2.2**	(0.5)
	United States	19.3	(1.1)	17.4	(0.5)	14.9	(0.6)	12.2	(0.4)	**7.1**	(1.3)
	OECD average	12.1	(0.1)	11.0	(0.1)	10.4	(0.1)	9.3	(0.1)	**2.8**	(0.1)
Partners	Argentina	9.5	(0.7)	8.6	(0.7)	8.5	(0.9)	5.3	(0.6)	**3.8**	(1.0)
	Azerbaijan	20.1	(0.8)	19.1	(0.8)	18.3	(0.7)	19.7	(0.6)	0.4	(0.9)
	Brazil	17.7	(0.9)	18.8	(0.7)	18.1	(0.6)	16.4	(0.7)	1.3	(1.2)
	Bulgaria	17.8	(0.7)	16.6	(0.8)	14.2	(0.6)	13.3	(0.8)	**4.4**	(1.2)
	Chile	18.4	(0.7)	16.1	(0.6)	15.3	(0.6)	11.1	(0.7)	**7.1**	(1.0)
	Colombia	16.6	(0.7)	14.9	(0.8)	13.8	(0.5)	12.5	(0.6)	**4.0**	(0.8)
	Croatia	6.8	(0.5)	5.9	(0.5)	5.4	(0.4)	5.3	(0.4)	**1.4**	(0.6)
	Estonia	14.4	(0.8)	13.9	(0.7)	12.7	(0.6)	11.3	(0.6)	**3.1**	(0.7)
	Hong Kong-China	9.7	(0.4)	9.7	(0.5)	8.5	(0.5)	8.4	(0.5)	**1.4**	(0.7)
	Indonesia	16.6	(0.6)	17.0	(0.6)	17.0	(0.9)	16.1	(0.6)	0.4	(0.6)
	Israel	23.2	(0.9)	21.3	(0.8)	18.2	(0.7)	16.9	(0.7)	**6.2**	(1.2)
	Jordan	23.5	(0.7)	22.7	(0.7)	22.7	(0.7)	19.6	(0.7)	**4.0**	(1.0)
	Kyrgyzstan	27.2	(1.0)	28.2	(0.8)	26.6	(0.9)	22.3	(0.8)	**4.8**	(1.3)
	Latvia	12.6	(0.7)	12.0	(0.6)	10.8	(0.5)	10.2	(0.5)	**2.4**	(0.8)
	Liechtenstein	9.1	(1.6)	5.3	(1.2)	4.1	(1.3)	3.5	(1.0)	**5.3**	(1.9)
	Lithuania	11.6	(0.6)	9.8	(0.5)	9.5	(0.5)	8.5	(0.5)	**3.1**	(0.7)
	Macao-China	10.9	(0.5)	10.7	(0.4)	10.8	(0.4)	12.1	(0.6)	-1.1	(0.8)
	Montenegro	12.6	(0.7)	11.4	(0.6)	12.0	(0.6)	9.8	(0.5)	**3.0**	(0.9)
	Qatar	25.4	(0.6)	24.5	(0.6)	22.4	(0.6)	22.1	(0.6)	**3.4**	(0.9)
	Romania	20.3	(0.9)	20.2	(0.8)	20.4	(0.8)	18.0	(0.7)	2.1	(1.3)
	Russian Federation	17.0	(0.8)	17.1	(0.9)	16.1	(0.9)	15.3	(0.6)	1.7	(1.1)
	Serbia	13.9	(0.6)	13.2	(0.7)	13.1	(0.6)	11.2	(0.5)	**2.7**	(0.8)
	Slovenia	14.5	(0.5)	12.9	(0.5)	11.4	(0.5)	9.4	(0.5)	**4.9**	(0.7)
	Chinese Taipei	9.3	(0.4)	9.3	(0.5)	8.7	(0.4)	8.2	(0.5)	1.0	(0.6)
	Thailand	7.8	(0.5)	8.3	(0.5)	7.6	(0.4)	5.7	(0.4)	**2.2**	(0.7)
	Tunisia	25.6	(0.7)	25.8	(0.8)	24.0	(0.7)	19.1	(0.8)	**6.4**	(1.1)
	Uruguay	11.8	(0.6)	12.3	(0.7)	12.8	(0.7)	8.2	(0.5)	**3.4**	(0.8)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.7c [Part 7/7] Mean learning hours and allocation of total learning time on the language of instruction, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Allocation of total learning time on the language of instruction for Individual study									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	23.0	(0.3)	24.2	(0.3)	25.2	(0.3)	26.3	(0.3)	**-3.3**	(0.5)
	Austria	32.4	(0.8)	31.3	(0.7)	30.5	(0.7)	30.3	(0.6)	**2.0**	(0.9)
	Belgium	24.9	(0.5)	25.6	(0.5)	26.1	(0.4)	26.1	(0.4)	**-1.3**	(0.6)
	Canada	22.5	(0.4)	22.7	(0.4)	24.1	(0.4)	25.1	(0.4)	**-2.5**	(0.5)
	Czech Republic	19.7	(0.7)	20.0	(0.6)	18.8	(0.4)	19.2	(0.6)	0.5	(0.9)
	Denmark	21.3	(0.4)	21.4	(0.3)	22.4	(0.4)	22.5	(0.4)	**-1.3**	(0.6)
	Finland	22.4	(0.5)	22.5	(0.5)	23.8	(0.5)	23.7	(0.5)	**-1.4**	(0.6)
	France	21.2	(0.6)	21.8	(0.5)	22.6	(0.4)	23.8	(0.4)	**-2.6**	(0.8)
	Germany	29.7	(0.5)	30.1	(0.6)	30.0	(0.5)	29.4	(0.6)	0.3	(0.7)
	Greece	27.7	(0.7)	27.9	(0.6)	27.5	(0.5)	26.7	(0.6)	1.1	(0.8)
	Hungary	29.3	(0.6)	27.9	(0.4)	29.1	(0.6)	27.7	(0.4)	**1.8**	(0.7)
	Iceland	22.4	(0.5)	21.9	(0.5)	22.1	(0.4)	22.4	(0.4)	0.1	(0.6)
	Ireland	25.3	(0.7)	27.0	(0.6)	28.7	(0.5)	29.2	(0.7)	**-3.9**	(1.0)
	Italy	33.2	(0.3)	34.2	(0.4)	34.5	(0.4)	36.1	(0.4)	**-3.0**	(0.5)
	Japan	14.0	(0.5)	15.5	(0.6)	16.4	(0.5)	16.5	(0.6)	**-2.6**	(0.6)
	Korea	15.0	(0.4)	15.5	(0.4)	17.6	(0.4)	20.6	(0.4)	**-5.6**	(0.6)
	Luxembourg	25.4	(0.7)	24.6	(0.6)	23.2	(0.5)	22.4	(0.4)	**3.1**	(0.8)
	Mexico	31.2	(0.6)	31.2	(0.4)	30.5	(0.4)	28.6	(0.5)	**2.5**	(0.7)
	Netherlands	26.3	(0.6)	24.7	(0.5)	25.9	(0.6)	27.7	(0.6)	**-1.4**	(0.9)
	New Zealand	20.7	(0.6)	21.9	(0.5)	21.6	(0.4)	23.3	(0.5)	**-2.6**	(0.7)
	Norway	20.2	(0.5)	21.1	(0.5)	21.8	(0.5)	22.4	(0.5)	**-2.3**	(0.7)
	Poland	28.5	(0.6)	27.8	(0.5)	27.7	(0.5)	27.9	(0.4)	0.6	(0.7)
	Portugal	30.4	(0.7)	30.5	(0.5)	30.3	(0.5)	29.7	(0.6)	0.6	(0.9)
	Slovak Republic	27.2	(1.2)	29.0	(0.5)	29.4	(0.7)	27.8	(0.7)	-0.6	(1.3)
	Spain	28.3	(0.5)	29.0	(0.5)	29.4	(0.5)	30.2	(0.4)	**-1.9**	(0.6)
	Sweden	21.1	(0.6)	23.2	(0.7)	23.3	(0.5)	24.4	(0.7)	**-3.2**	(0.8)
	Switzerland	26.2	(0.5)	25.3	(0.4)	25.3	(0.5)	24.7	(0.4)	**1.5**	(0.6)
	Turkey	26.8	(0.4)	27.2	(0.5)	25.5	(0.5)	22.4	(0.7)	**4.4**	(0.8)
	United Kingdom	22.3	(0.4)	23.4	(0.4)	25.2	(0.4)	27.5	(0.4)	**-5.1**	(0.5)
	United States	28.1	(0.5)	26.9	(0.5)	28.0	(0.5)	29.7	(0.6)	-1.5	(0.8)
	OECD average	24.9	(0.1)	25.2	(0.1)	25.6	(0.1)	25.8	(0.1)	**-0.9**	(0.1)
Partners	Argentina	37.0	(0.9)	37.5	(0.9)	38.7	(0.9)	34.0	(0.9)	**3.6**	(1.4)
	Azerbaijan	35.3	(1.1)	36.3	(0.7)	36.3	(0.6)	35.5	(0.6)	0.3	(1.2)
	Brazil	29.2	(0.7)	27.5	(0.6)	28.0	(0.6)	26.8	(0.5)	**2.5**	(0.8)
	Bulgaria	30.9	(0.8)	32.6	(0.8)	34.1	(0.6)	33.6	(0.7)	**-2.8**	(1.0)
	Chile	29.8	(0.6)	28.0	(0.7)	27.0	(0.6)	24.9	(0.6)	**5.0**	(0.9)
	Colombia	25.1	(0.9)	26.2	(0.8)	24.9	(0.5)	24.9	(0.7)	0.1	(1.3)
	Croatia	28.0	(0.7)	28.0	(0.6)	27.6	(0.6)	25.9	(0.7)	2.2	(0.8)
	Estonia	24.9	(0.6)	25.2	(0.5)	25.3	(0.6)	25.1	(0.5)	**-0.2**	(0.7)
	Hong Kong-China	20.3	(0.6)	20.3	(0.5)	19.3	(0.5)	20.1	(0.5)	0.2	(0.7)
	Indonesia	27.9	(0.6)	26.9	(0.6)	27.7	(0.5)	25.8	(0.7)	**2.0**	(1.0)
	Israel	28.2	(0.9)	26.4	(0.8)	25.7	(0.9)	24.2	(0.6)	**4.0**	(1.1)
	Jordan	35.5	(0.7)	34.0	(0.7)	32.8	(0.7)	32.3	(0.6)	**3.3**	(0.9)
	Kyrgyzstan	35.8	(0.8)	34.4	(0.7)	33.5	(0.7)	32.6	(0.7)	**3.4**	(1.0)
	Latvia	28.8	(0.8)	29.6	(0.7)	29.6	(0.5)	29.3	(0.5)	-0.6	(1.0)
	Liechtenstein	23.8	(1.6)	24.7	(2.0)	25.8	(1.9)	23.8	(1.9)	0.4	(2.5)
	Lithuania	27.6	(0.7)	26.9	(0.6)	28.0	(0.6)	28.7	(0.5)	-1.0	(0.8)
	Macao-China	17.0	(0.5)	17.0	(0.4)	17.3	(0.4)	18.6	(0.5)	**-1.6**	(0.6)
	Montenegro	36.7	(0.9)	36.5	(0.7)	34.8	(0.7)	34.2	(0.7)	**2.3**	(1.1)
	Qatar	33.0	(0.6)	32.0	(0.6)	31.4	(0.5)	30.4	(0.6)	**2.5**	(0.9)
	Romania	30.1	(0.8)	29.9	(0.6)	29.3	(0.7)	29.1	(0.7)	0.8	(0.8)
	Russian Federation	34.4	(0.8)	35.9	(0.7)	35.4	(0.6)	35.9	(0.7)	-1.6	(0.8)
	Serbia	26.6	(0.6)	27.2	(0.6)	27.2	(0.6)	26.8	(0.6)	-0.3	(0.8)
	Slovenia	28.3	(0.7)	27.8	(0.6)	26.4	(0.6)	25.9	(0.6)	**2.3**	(1.0)
	Chinese Taipei	23.8	(0.4)	25.2	(0.5)	25.3	(0.5)	25.6	(0.4)	**-1.9**	(0.6)
	Thailand	30.1	(0.6)	31.1	(0.5)	30.7	(0.5)	28.5	(0.5)	**1.7**	(0.8)
	Tunisia	31.9	(0.8)	30.5	(0.7)	30.1	(0.7)	30.6	(1.1)	1.3	(1.3)
	Uruguay	28.5	(0.8)	27.1	(0.8)	26.7	(0.9)	29.3	(0.6)	-0.6	(1.0)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.7d [Part 1/7] Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Mean learning hours per week									
		Regular school lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	10.49	(0.11)	11.23	(0.09)	11.61	(0.10)	12.34	(0.11)	**-1.86**	(0.14)
	Austria	7.98	(0.12)	8.34	(0.13)	8.80	(0.13)	9.11	(0.13)	**-1.12**	(0.17)
	Belgium	8.25	(0.17)	9.27	(0.13)	10.22	(0.15)	11.15	(0.11)	**-2.85**	(0.20)
	Canada	11.67	(0.16)	12.73	(0.14)	13.45	(0.16)	13.89	(0.20)	**-2.23**	(0.20)
	Czech Republic	10.12	(0.15)	10.32	(0.14)	10.66	(0.17)	11.50	(0.14)	**-1.36**	(0.17)
	Denmark	12.70	(0.13)	13.15	(0.13)	13.26	(0.11)	13.53	(0.13)	**-0.83**	(0.18)
	Finland	9.27	(0.16)	9.52	(0.14)	9.74	(0.13)	10.30	(0.15)	**-1.03**	(0.17)
	France	9.36	(0.14)	10.25	(0.13)	10.95	(0.13)	12.40	(0.13)	**-3.05**	(0.18)
	Germany	9.88	(0.18)	10.61	(0.15)	10.99	(0.14)	11.00	(0.12)	**-1.20**	(0.22)
	Greece	8.57	(0.17)	9.47	(0.17)	10.03	(0.16)	11.23	(0.18)	**-2.68**	(0.24)
	Hungary	7.98	(0.16)	8.83	(0.16)	8.99	(0.16)	10.19	(0.21)	**-2.21**	(0.25)
	Iceland	11.96	(0.12)	12.19	(0.13)	12.17	(0.12)	12.64	(0.12)	**-0.69**	(0.15)
	Ireland	9.49	(0.17)	9.43	(0.14)	9.87	(0.14)	10.22	(0.13)	**-0.74**	(0.21)
	Italy	10.71	(0.14)	11.17	(0.10)	11.67	(0.11)	11.53	(0.14)	**-0.84**	(0.17)
	Japan	9.43	(0.17)	10.50	(0.16)	11.38	(0.15)	11.81	(0.17)	**-2.39**	(0.21)
	Korea	11.94	(0.18)	12.67	(0.14)	12.87	(0.14)	13.54	(0.19)	**-1.61**	(0.25)
	Luxembourg	8.94	(0.12)	9.48	(0.11)	9.98	(0.12)	10.50	(0.12)	**-1.58**	(0.16)
	Mexico	10.43	(0.24)	10.51	(0.18)	10.62	(0.15)	11.80	(0.16)	**-1.30**	(0.29)
	Netherlands	7.47	(0.13)	7.67	(0.11)	8.14	(0.12)	8.63	(0.14)	**-1.14**	(0.20)
	New Zealand	11.80	(0.17)	12.71	(0.16)	13.19	(0.14)	13.72	(0.12)	**-1.89**	(0.21)
	Norway	9.05	(0.15)	9.61	(0.11)	9.88	(0.14)	10.01	(0.13)	**-0.98**	(0.20)
	Poland	11.05	(0.13)	11.47	(0.13)	11.91	(0.14)	12.44	(0.12)	**-1.41**	(0.15)
	Portugal	8.81	(0.18)	9.79	(0.17)	10.31	(0.16)	11.42	(0.19)	**-2.60**	(0.27)
	Slovak Republic	7.98	(0.18)	8.45	(0.16)	9.05	(0.20)	10.03	(0.18)	**-2.07**	(0.22)
	Spain	9.26	(0.11)	9.84	(0.12)	10.26	(0.12)	11.23	(0.16)	**-1.97**	(0.18)
	Sweden	8.82	(0.11)	8.88	(0.12)	9.08	(0.09)	9.28	(0.12)	**-0.47**	(0.17)
	Switzerland	9.28	(0.13)	9.59	(0.12)	10.01	(0.14)	10.64	(0.12)	**-1.36**	(0.15)
	Turkey	9.61	(0.22)	10.06	(0.18)	10.59	(0.20)	12.41	(0.28)	**-2.81**	(0.34)
	United Kingdom	11.27	(0.14)	11.73	(0.11)	12.20	(0.11)	12.60	(0.12)	**-1.32**	(0.16)
	United States	9.13	(0.27)	10.41	(0.18)	11.47	(0.16)	12.83	(0.18)	**-3.68**	(0.35)
	OECD average	9.76	(0.03)	10.33	(0.03)	10.78	(0.03)	11.46	(0.03)	**-1.71**	(0.04)
Partners	Argentina	6.62	(0.17)	7.17	(0.17)	7.66	(0.21)	9.04	(0.26)	**-2.45**	(0.32)
	Azerbaijan	9.51	(0.18)	10.10	(0.21)	10.71	(0.19)	11.18	(0.20)	**-1.66**	(0.24)
	Brazil	7.73	(0.19)	7.84	(0.16)	8.51	(0.12)	9.76	(0.14)	**-2.02**	(0.25)
	Bulgaria	7.28	(0.26)	7.90	(0.20)	8.86	(0.19)	10.17	(0.23)	**-2.91**	(0.35)
	Chile	7.60	(0.19)	8.54	(0.17)	9.52	(0.20)	11.45	(0.25)	**-3.82**	(0.30)
	Colombia	11.10	(0.26)	11.30	(0.27)	11.42	(0.19)	12.84	(0.26)	**-1.68**	(0.31)
	Croatia	7.60	(0.15)	8.32	(0.11)	8.50	(0.13)	9.31	(0.11)	**-1.70**	(0.17)
	Estonia	10.48	(0.19)	10.77	(0.13)	10.98	(0.16)	11.57	(0.13)	**-1.07**	(0.20)
	Hong Kong-China	12.68	(0.18)	13.30	(0.16)	13.67	(0.17)	14.63	(0.20)	**-1.96**	(0.28)
	Indonesia	10.47	(0.24)	10.71	(0.21)	10.76	(0.23)	11.96	(0.19)	**-1.48**	(0.26)
	Israel	8.52	(0.16)	9.45	(0.19)	9.73	(0.19)	10.67	(0.17)	**-2.10**	(0.25)
	Jordan	9.25	(0.23)	9.92	(0.21)	10.61	(0.18)	11.69	(0.21)	**-2.48**	(0.31)
	Kyrgyzstan	7.13	(0.31)	7.07	(0.21)	7.88	(0.21)	9.11	(0.22)	**-1.93**	(0.36)
	Latvia	10.47	(0.19)	11.01	(0.17)	11.13	(0.14)	11.64	(0.14)	**-1.18**	(0.23)
	Liechtenstein	9.79	(0.39)	9.97	(0.42)	10.52	(0.43)	10.73	(0.33)	-0.95	(0.53)
	Lithuania	8.95	(0.19)	9.69	(0.16)	10.07	(0.15)	10.70	(0.18)	**-1.77**	(0.23)
	Macao-China	13.87	(0.16)	14.96	(0.16)	14.26	(0.16)	14.78	(0.16)	**-0.92**	(0.21)
	Montenegro	7.96	(0.18)	8.51	(0.15)	8.91	(0.20)	10.17	(0.17)	**-2.25**	(0.28)
	Qatar	7.41	(0.15)	8.31	(0.16)	9.36	(0.18)	9.64	(0.15)	**-2.24**	(0.23)
	Romania	7.32	(0.19)	8.18	(0.23)	8.71	(0.20)	10.10	(0.24)	**-2.80**	(0.26)
	Russian Federation	8.83	(0.21)	9.06	(0.18)	9.62	(0.16)	10.16	(0.12)	**-1.35**	(0.24)
	Serbia	8.55	(0.15)	8.77	(0.14)	9.47	(0.16)	10.49	(0.14)	**-1.95**	(0.19)
	Slovenia	8.24	(0.15)	9.08	(0.12)	9.54	(0.12)	10.72	(0.14)	**-2.44**	(0.22)
	Chinese Taipei	9.83	(0.21)	10.86	(0.19)	12.14	(0.18)	13.30	(0.16)	**-3.49**	(0.24)
	Thailand	10.41	(0.13)	10.46	(0.11)	10.16	(0.14)	11.75	(0.17)	**-1.34**	(0.22)
	Tunisia	8.49	(0.17)	8.96	(0.16)	9.18	(0.17)	10.04	(0.23)	**-1.54**	(0.29)
	Uruguay	7.62	(0.16)	8.10	(0.17)	8.75	(0.14)	9.46	(0.16)	**-1.81**	(0.20)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.7d [Part 2/7] Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Mean learning hours per week									
		Out-of-school-time lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	1.85	(0.07)	1.72	(0.06)	1.72	(0.06)	1.75	(0.06)	0.10	(0.10)
	Austria	1.14	(0.08)	0.99	(0.07)	0.83	(0.06)	0.82	(0.06)	**0.31**	(0.09)
	Belgium	1.40	(0.06)	1.34	(0.08)	1.27	(0.06)	1.22	(0.07)	**0.22**	(0.10)
	Canada	2.27	(0.08)	2.23	(0.08)	2.49	(0.09)	2.41	(0.08)	-0.14	(0.10)
	Czech Republic	1.97	(0.09)	1.80	(0.10)	1.89	(0.08)	1.90	(0.09)	0.07	(0.14)
	Denmark	3.95	(0.14)	3.65	(0.11)	3.89	(0.12)	3.83	(0.11)	0.12	(0.17)
	Finland	1.09	(0.07)	1.10	(0.07)	1.07	(0.06)	0.96	(0.06)	0.14	(0.09)
	France	2.44	(0.08)	2.28	(0.08)	2.27	(0.08)	1.96	(0.08)	**0.50**	(0.12)
	Germany	2.24	(0.12)	1.94	(0.08)	1.91	(0.11)	1.57	(0.08)	**0.67**	(0.15)
	Greece	4.69	(0.17)	5.68	(0.16)	6.33	(0.16)	6.68	(0.22)	**-2.00**	(0.28)
	Hungary	3.58	(0.11)	3.46	(0.11)	3.73	(0.12)	3.58	(0.13)	-0.00	(0.17)
	Iceland	1.28	(0.08)	1.38	(0.09)	1.65	(0.10)	1.52	(0.07)	**-0.24**	(0.11)
	Ireland	1.66	(0.09)	1.64	(0.07)	1.75	(0.09)	1.55	(0.09)	0.10	(0.12)
	Italy	2.19	(0.07)	2.23	(0.08)	2.25	(0.07)	2.33	(0.08)	-0.14	(0.11)
	Japan	1.25	(0.08)	1.21	(0.08)	1.46	(0.09)	1.62	(0.08)	**-0.38**	(0.10)
	Korea	3.34	(0.15)	4.10	(0.13)	5.14	(0.13)	6.40	(0.15)	**-3.05**	(0.22)
	Luxembourg	2.31	(0.10)	2.06	(0.08)	1.81	(0.07)	1.51	(0.06)	**0.82**	(0.13)
	Mexico	3.80	(0.19)	3.10	(0.09)	3.31	(0.10)	2.88	(0.16)	**0.93**	(0.26)
	Netherlands	2.12	(0.11)	2.03	(0.08)	1.83	(0.09)	1.54	(0.08)	**0.58**	(0.14)
	New Zealand	1.94	(0.11)	1.71	(0.09)	1.64	(0.10)	1.69	(0.10)	0.26	(0.15)
	Norway	3.16	(0.09)	3.14	(0.10)	3.00	(0.09)	3.23	(0.11)	-0.06	(0.14)
	Poland	2.12	(0.11)	2.09	(0.09)	2.04	(0.09)	2.16	(0.08)	-0.04	(0.14)
	Portugal	1.90	(0.10)	2.01	(0.10)	2.05	(0.09)	2.03	(0.09)	-0.13	(0.15)
	Slovak Republic	2.24	(0.10)	2.19	(0.10)	2.38	(0.10)	2.82	(0.11)	**-0.60**	(0.16)
	Spain	2.19	(0.09)	2.36	(0.10)	2.30	(0.09)	2.10	(0.12)	0.10	(0.16)
	Sweden	1.81	(0.08)	1.77	(0.09)	1.75	(0.07)	1.78	(0.10)	0.02	(0.14)
	Switzerland	1.94	(0.09)	1.55	(0.08)	1.49	(0.06)	1.30	(0.06)	**0.63**	(0.11)
	Turkey	4.76	(0.15)	4.54	(0.14)	5.24	(0.15)	6.36	(0.13)	**-1.61**	(0.21)
	United Kingdom	1.65	(0.09)	1.71	(0.07)	1.81	(0.06)	1.61	(0.07)	0.05	(0.11)
	United States	3.16	(0.15)	3.06	(0.11)	3.14	(0.12)	2.77	(0.12)	**0.39**	(0.19)
	OECD average	2.38	(0.02)	2.34	(0.02)	2.45	(0.02)	2.46	(0.02)	**-0.08**	(0.03)
Partners	Argentina	1.68	(0.12)	1.71	(0.10)	1.69	(0.12)	1.56	(0.12)	0.13	(0.17)
	Azerbaijan	4.63	(0.19)	4.67	(0.16)	4.78	(0.16)	5.36	(0.16)	**-0.70**	(0.22)
	Brazil	2.98	(0.12)	3.01	(0.12)	3.18	(0.14)	3.43	(0.14)	**-0.43**	(0.18)
	Bulgaria	3.12	(0.16)	3.26	(0.15)	3.07	(0.12)	3.35	(0.11)	-0.22	(0.20)
	Chile	2.91	(0.10)	2.78	(0.09)	2.83	(0.10)	2.70	(0.10)	0.21	(0.12)
	Colombia	3.35	(0.14)	3.47	(0.20)	3.07	(0.11)	3.37	(0.12)	0.01	(0.20)
	Croatia	1.53	(0.08)	1.48	(0.08)	1.54	(0.07)	1.76	(0.09)	**-0.24**	(0.12)
	Estonia	2.76	(0.11)	2.71	(0.11)	2.55	(0.12)	2.50	(0.11)	**0.26**	(0.13)
	Hong Kong-China	2.51	(0.12)	2.96	(0.13)	3.08	(0.10)	3.76	(0.12)	**-1.25**	(0.16)
	Indonesia	3.31	(0.15)	3.53	(0.12)	3.68	(0.17)	4.14	(0.18)	**-0.84**	(0.19)
	Israel	4.72	(0.13)	4.52	(0.16)	4.22	(0.15)	4.37	(0.12)	0.35	(0.18)
	Jordan	4.83	(0.16)	5.13	(0.14)	5.22	(0.14)	5.19	(0.18)	-0.36	(0.24)
	Kyrgyzstan	4.73	(0.15)	4.66	(0.14)	4.64	(0.14)	4.36	(0.13)	0.36	(0.19)
	Latvia	2.64	(0.14)	2.75	(0.12)	2.72	(0.11)	2.77	(0.11)	-0.12	(0.19)
	Liechtenstein	1.96	(0.27)	0.92	(0.17)	1.22	(0.22)	1.24	(0.25)	0.68	(0.39)
	Lithuania	2.04	(0.10)	1.93	(0.09)	1.90	(0.08)	1.86	(0.09)	0.19	(0.13)
	Macao-China	3.10	(0.13)	3.17	(0.10)	3.10	(0.13)	3.65	(0.18)	**-0.54**	(0.22)
	Montenegro	2.42	(0.11)	2.63	(0.11)	2.81	(0.12)	2.86	(0.13)	**-0.43**	(0.18)
	Qatar	4.81	(0.11)	4.92	(0.11)	4.92	(0.13)	4.96	(0.12)	-0.14	(0.16)
	Romania	3.71	(0.20)	3.94	(0.13)	4.16	(0.15)	4.35	(0.10)	**-0.66**	(0.24)
	Russian Federation	2.94	(0.11)	3.10	(0.09)	3.07	(0.13)	3.16	(0.10)	-0.22	(0.15)
	Serbia	2.58	(0.08)	2.62	(0.11)	2.76	(0.11)	2.68	(0.11)	-0.12	(0.14)
	Slovenia	2.73	(0.09)	2.61	(0.09)	2.40	(0.10)	2.12	(0.08)	**0.62**	(0.14)
	Chinese Taipei	2.19	(0.07)	2.76	(0.09)	3.21	(0.10)	3.85	(0.11)	**-1.66**	(0.13)
	Thailand	1.82	(0.13)	2.17	(0.12)	2.27	(0.11)	3.33	(0.13)	**-1.52**	(0.19)
	Tunisia	5.96	(0.11)	6.00	(0.14)	6.11	(0.13)	6.35	(0.15)	**-0.39**	(0.20)
	Uruguay	1.90	(0.10)	2.08	(0.10)	2.31	(0.10)	2.03	(0.09)	-0.13	(0.14)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.7d [Part 3/7] Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Mean learning hours per week									
		Individual study									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	3.97	(0.08)	4.43	(0.08)	4.78	(0.10)	5.54	(0.09)	**-1.57**	(0.12)
	Austria	5.19	(0.11)	4.98	(0.12)	4.83	(0.13)	4.78	(0.12)	**0.37**	(0.15)
	Belgium	3.64	(0.10)	4.10	(0.09)	4.67	(0.10)	5.15	(0.09)	**-1.48**	(0.13)
	Canada	4.46	(0.11)	4.84	(0.10)	5.70	(0.11)	6.05	(0.13)	**-1.60**	(0.15)
	Czech Republic	3.43	(0.11)	3.47	(0.14)	3.35	(0.10)	3.62	(0.10)	-0.19	(0.16)
	Denmark	4.75	(0.12)	4.82	(0.10)	5.17	(0.09)	5.23	(0.10)	**-0.46**	(0.14)
	Finland	3.19	(0.09)	3.32	(0.09)	3.50	(0.08)	3.62	(0.08)	**-0.43**	(0.11)
	France	3.89	(0.11)	4.23	(0.11)	4.72	(0.11)	5.45	(0.13)	**-1.56**	(0.16)
	Germany	5.77	(0.17)	5.92	(0.13)	6.02	(0.14)	5.78	(0.14)	-0.08	(0.21)
	Greece	5.14	(0.13)	5.40	(0.13)	5.99	(0.15)	6.63	(0.13)	**-1.50**	(0.17)
	Hungary	4.91	(0.12)	5.11	(0.13)	5.37	(0.13)	5.77	(0.15)	**-0.85**	(0.19)
	Iceland	4.28	(0.11)	4.34	(0.09)	4.42	(0.10)	4.64	(0.11)	**-0.37**	(0.15)
	Ireland	4.12	(0.14)	4.40	(0.11)	4.99	(0.12)	5.29	(0.13)	**-1.15**	(0.19)
	Italy	6.81	(0.08)	7.32	(0.11)	7.83	(0.12)	8.17	(0.12)	**-1.37**	(0.12)
	Japan	2.28	(0.09)	2.97	(0.11)	3.41	(0.13)	3.82	(0.15)	**-1.53**	(0.15)
	Korea	3.62	(0.12)	4.20	(0.12)	5.05	(0.13)	6.86	(0.24)	**-3.23**	(0.28)
	Luxembourg	4.35	(0.11)	4.49	(0.11)	4.29	(0.08)	4.22	(0.09)	0.12	(0.14)
	Mexico	6.51	(0.17)	6.40	(0.10)	6.49	(0.12)	6.27	(0.12)	0.23	(0.18)
	Netherlands	3.73	(0.09)	3.74	(0.11)	4.12	(0.12)	4.40	(0.09)	**-0.64**	(0.12)
	New Zealand	3.84	(0.10)	4.31	(0.12)	4.47	(0.10)	5.13	(0.13)	**-1.30**	(0.16)
	Norway	3.70	(0.10)	4.03	(0.10)	4.03	(0.12)	4.50	(0.10)	**-0.79**	(0.13)
	Poland	6.30	(0.14)	6.08	(0.12)	6.38	(0.12)	6.60	(0.11)	-0.31	(0.19)
	Portugal	5.26	(0.16)	5.82	(0.16)	5.96	(0.12)	6.29	(0.16)	**-1.04**	(0.24)
	Slovak Republic	4.29	(0.13)	4.58	(0.11)	5.06	(0.14)	5.31	(0.16)	**-1.02**	(0.18)
	Spain	4.94	(0.12)	5.39	(0.12)	5.81	(0.13)	6.20	(0.11)	**-1.30**	(0.15)
	Sweden	3.23	(0.10)	3.44	(0.08)	3.76	(0.09)	3.89	(0.11)	**-0.67**	(0.17)
	Switzerland	4.31	(0.07)	4.07	(0.08)	4.18	(0.09)	4.23	(0.07)	0.07	(0.10)
	Turkey	5.76	(0.11)	5.99	(0.15)	6.18	(0.16)	6.52	(0.16)	**-0.76**	(0.21)
	United Kingdom	3.80	(0.08)	4.25	(0.08)	4.78	(0.09)	5.29	(0.11)	**-1.51**	(0.13)
	United States	4.73	(0.13)	4.95	(0.11)	5.87	(0.12)	6.78	(0.15)	**-2.04**	(0.21)
	OECD average	4.47	(0.02)	4.71	(0.02)	5.04	(0.02)	5.40	(0.02)	**-0.93**	(0.03)
Partners	Argentina	4.61	(0.15)	5.01	(0.18)	5.28	(0.16)	5.26	(0.14)	**-0.64**	(0.19)
	Azerbaijan	7.98	(0.29)	8.42	(0.17)	9.04	(0.21)	9.40	(0.20)	**-1.36**	(0.32)
	Brazil	5.18	(0.13)	4.85	(0.12)	5.36	(0.15)	5.44	(0.12)	-0.23	(0.18)
	Bulgaria	5.02	(0.18)	5.70	(0.19)	6.57	(0.21)	7.33	(0.22)	**-2.31**	(0.28)
	Chile	4.43	(0.10)	4.50	(0.10)	4.97	(0.16)	4.84	(0.11)	**-0.41**	(0.13)
	Colombia	5.39	(0.18)	5.73	(0.16)	5.28	(0.15)	5.91	(0.17)	-0.52	(0.29)
	Croatia	4.51	(0.12)	4.84	(0.12)	4.91	(0.12)	5.15	(0.11)	**-0.65**	(0.15)
	Estonia	4.78	(0.12)	5.09	(0.12)	5.17	(0.12)	5.42	(0.13)	**-0.63**	(0.17)
	Hong Kong-China	4.69	(0.14)	5.20	(0.13)	5.21	(0.14)	6.22	(0.17)	**-1.53**	(0.18)
	Indonesia	5.55	(0.16)	5.38	(0.11)	5.63	(0.14)	5.75	(0.16)	-0.20	(0.24)
	Israel	5.49	(0.16)	5.43	(0.19)	5.09	(0.18)	5.39	(0.18)	0.12	(0.25)
	Jordan	7.52	(0.18)	7.79	(0.17)	7.99	(0.14)	8.35	(0.20)	**-0.83**	(0.26)
	Kyrgyzstan	6.89	(0.20)	6.47	(0.16)	6.66	(0.15)	6.78	(0.15)	0.09	(0.25)
	Latvia	5.82	(0.17)	6.33	(0.16)	6.32	(0.13)	6.52	(0.14)	**-0.71**	(0.21)
	Liechtenstein	3.79	(0.26)	3.46	(0.25)	4.00	(0.25)	4.37	(0.38)	-0.60	(0.49)
	Lithuania	4.90	(0.13)	4.99	(0.12)	5.36	(0.13)	5.86	(0.13)	**-0.97**	(0.17)
	Macao-China	4.38	(0.13)	4.76	(0.13)	4.94	(0.12)	5.63	(0.14)	**-1.25**	(0.18)
	Montenegro	5.77	(0.15)	6.21	(0.15)	6.35	(0.18)	6.48	(0.16)	**-0.74**	(0.24)
	Qatar	5.82	(0.10)	6.18	(0.12)	6.59	(0.12)	6.50	(0.11)	**-0.70**	(0.16)
	Romania	5.28	(0.24)	5.81	(0.16)	6.09	(0.14)	6.65	(0.14)	**-1.41**	(0.29)
	Russian Federation	6.13	(0.18)	6.59	(0.17)	6.79	(0.15)	7.09	(0.10)	**-0.96**	(0.18)
	Serbia	4.73	(0.12)	4.93	(0.11)	5.29	(0.14)	5.95	(0.15)	**-1.23**	(0.18)
	Slovenia	4.70	(0.10)	4.98	(0.12)	4.93	(0.13)	5.12	(0.12)	**-0.43**	(0.17)
	Chinese Taipei	3.59	(0.11)	4.54	(0.13)	5.21	(0.11)	6.20	(0.12)	**-2.62**	(0.16)
	Thailand	5.13	(0.18)	5.29	(0.12)	5.23	(0.15)	5.61	(0.12)	**-0.49**	(0.23)
	Tunisia	7.24	(0.17)	7.33	(0.15)	7.08	(0.13)	7.50	(0.13)	-0.24	(0.23)
	Uruguay	3.85	(0.13)	4.11	(0.13)	4.35	(0.12)	4.62	(0.11)	**-0.79**	(0.16)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.7d [Part 4/7] Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Mean learning hours per week									
		Total learning hours									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	16.36	(0.20)	17.40	(0.16)	18.15	(0.19)	19.57	(0.19)	**-3.22**	(0.26)
	Austria	14.36	(0.22)	14.43	(0.22)	14.46	(0.25)	14.71	(0.23)	-0.39	(0.29)
	Belgium	13.34	(0.28)	14.73	(0.22)	16.18	(0.22)	17.51	(0.17)	**-4.05**	(0.32)
	Canada	18.52	(0.25)	19.93	(0.25)	21.67	(0.26)	22.42	(0.33)	**-3.89**	(0.35)
	Czech Republic	15.42	(0.25)	15.55	(0.25)	15.95	(0.28)	17.02	(0.23)	**-1.60**	(0.31)
	Denmark	21.32	(0.31)	21.60	(0.23)	22.32	(0.22)	22.52	(0.24)	**-1.20**	(0.34)
	Finland	13.55	(0.26)	13.92	(0.22)	14.34	(0.20)	14.86	(0.19)	**-1.32**	(0.28)
	France	15.78	(0.24)	16.76	(0.21)	17.95	(0.23)	19.83	(0.24)	**-4.05**	(0.34)
	Germany	17.94	(0.35)	18.49	(0.22)	19.02	(0.24)	18.31	(0.24)	-0.57	(0.41)
	Greece	18.36	(0.37)	20.68	(0.35)	22.28	(0.35)	24.61	(0.34)	**-6.23**	(0.50)
	Hungary	16.46	(0.31)	17.44	(0.32)	18.16	(0.31)	19.51	(0.42)	**-3.05**	(0.51)
	Iceland	17.44	(0.20)	17.99	(0.19)	18.26	(0.22)	18.81	(0.20)	**-1.37**	(0.26)
	Ireland	15.22	(0.29)	15.41	(0.24)	16.65	(0.26)	17.03	(0.26)	**-1.81**	(0.39)
	Italy	19.77	(0.20)	20.81	(0.22)	21.71	(0.22)	21.99	(0.26)	**-2.22**	(0.25)
	Japan	12.97	(0.25)	14.66	(0.25)	16.24	(0.28)	17.24	(0.30)	**-4.32**	(0.33)
	Korea	19.06	(0.37)	21.02	(0.29)	23.15	(0.28)	26.75	(0.50)	**-7.70**	(0.65)
	Luxembourg	15.60	(0.21)	16.10	(0.22)	16.01	(0.18)	16.24	(0.18)	**-0.64**	(0.27)
	Mexico	20.56	(0.40)	19.85	(0.27)	20.35	(0.25)	20.87	(0.33)	-0.26	(0.50)
	Netherlands	13.24	(0.23)	13.53	(0.23)	14.04	(0.24)	14.48	(0.21)	**-1.18**	(0.29)
	New Zealand	17.58	(0.24)	18.77	(0.25)	19.31	(0.22)	20.56	(0.25)	**-2.96**	(0.34)
	Norway	15.93	(0.25)	16.71	(0.21)	16.90	(0.24)	17.68	(0.26)	**-1.80**	(0.37)
	Poland	19.49	(0.25)	19.68	(0.23)	20.36	(0.22)	21.23	(0.22)	**-1.74**	(0.33)
	Portugal	16.09	(0.30)	17.64	(0.32)	18.35	(0.29)	19.65	(0.34)	**-3.63**	(0.48)
	Slovak Republic	14.52	(0.33)	15.23	(0.31)	16.52	(0.33)	18.20	(0.34)	**-3.72**	(0.42)
	Spain	16.60	(0.23)	17.77	(0.27)	18.37	(0.22)	19.59	(0.23)	**-3.02**	(0.27)
	Sweden	13.89	(0.22)	14.09	(0.19)	14.55	(0.18)	14.92	(0.25)	**-1.03**	(0.39)
	Switzerland	15.52	(0.16)	15.26	(0.19)	15.68	(0.19)	16.17	(0.18)	**-0.65**	(0.22)
	Turkey	19.89	(0.41)	20.54	(0.39)	21.88	(0.41)	25.25	(0.47)	**-5.39**	(0.65)
	United Kingdom	16.79	(0.25)	17.72	(0.19)	18.77	(0.21)	19.50	(0.22)	**-2.71**	(0.31)
	United States	17.16	(0.33)	18.58	(0.27)	20.58	(0.25)	22.43	(0.29)	**-5.24**	(0.48)
	OECD average	16.63	(0.05)	17.41	(0.05)	18.27	(0.05)	19.32	(0.05)	**-2.70**	(0.07)
Partners	Argentina	12.89	(0.28)	14.01	(0.32)	14.59	(0.33)	15.80	(0.32)	**-2.85**	(0.41)
	Azerbaijan	22.29	(0.50)	23.39	(0.45)	24.80	(0.45)	25.92	(0.42)	**-3.55**	(0.63)
	Brazil	15.76	(0.29)	15.67	(0.29)	17.06	(0.32)	18.62	(0.28)	**-2.72**	(0.40)
	Bulgaria	15.58	(0.50)	16.93	(0.42)	18.65	(0.42)	20.76	(0.41)	**-5.17**	(0.66)
	Chile	15.05	(0.29)	15.86	(0.25)	17.47	(0.38)	19.07	(0.31)	**-3.96**	(0.38)
	Colombia	19.76	(0.31)	20.45	(0.46)	19.78	(0.35)	22.22	(0.44)	**-2.43**	(0.57)
	Croatia	13.74	(0.26)	14.70	(0.22)	15.00	(0.23)	16.33	(0.21)	**-2.58**	(0.30)
	Estonia	18.07	(0.22)	18.55	(0.24)	18.71	(0.30)	19.52	(0.23)	**-1.43**	(0.32)
	Hong Kong-China	19.95	(0.32)	21.46	(0.30)	21.89	(0.28)	24.60	(0.40)	**-4.69**	(0.49)
	Indonesia	19.30	(0.43)	19.55	(0.32)	19.98	(0.32)	21.85	(0.33)	**-2.54**	(0.47)
	Israel	18.94	(0.35)	19.46	(0.40)	19.05	(0.44)	20.47	(0.37)	**-1.50**	(0.52)
	Jordan	21.70	(0.44)	22.83	(0.38)	23.72	(0.26)	25.15	(0.34)	**-3.49**	(0.56)
	Kyrgyzstan	19.28	(0.48)	18.19	(0.40)	19.20	(0.37)	20.30	(0.35)	-0.97	(0.57)
	Latvia	18.86	(0.37)	20.16	(0.29)	20.19	(0.24)	20.94	(0.27)	**-2.06**	(0.49)
	Liechtenstein	15.40	(0.56)	14.39	(0.57)	15.52	(0.59)	16.57	(0.56)	-1.22	(0.92)
	Lithuania	15.79	(0.30)	16.70	(0.29)	17.30	(0.25)	18.40	(0.28)	**-2.62**	(0.38)
	Macao-China	21.38	(0.26)	22.83	(0.29)	22.36	(0.27)	23.98	(0.31)	**-2.62**	(0.39)
	Montenegro	16.18	(0.34)	17.38	(0.28)	18.02	(0.40)	19.36	(0.32)	**-3.24**	(0.51)
	Qatar	18.10	(0.27)	19.38	(0.31)	20.95	(0.31)	21.11	(0.31)	**-3.02**	(0.42)
	Romania	16.34	(0.44)	17.94	(0.42)	18.98	(0.38)	21.05	(0.38)	**-4.80**	(0.58)
	Russian Federation	17.87	(0.34)	18.81	(0.34)	19.43	(0.33)	20.43	(0.21)	**-2.54**	(0.39)
	Serbia	15.81	(0.26)	16.30	(0.25)	17.56	(0.28)	19.08	(0.34)	**-3.33**	(0.41)
	Slovenia	15.71	(0.25)	16.76	(0.24)	16.91	(0.26)	17.96	(0.24)	**-2.22**	(0.36)
	Chinese Taipei	15.81	(0.35)	18.30	(0.34)	20.72	(0.31)	23.42	(0.30)	**-7.67**	(0.42)
	Thailand	17.32	(0.33)	17.92	(0.24)	17.65	(0.32)	20.66	(0.36)	**-3.38**	(0.54)
	Tunisia	21.66	(0.35)	22.23	(0.34)	22.58	(0.29)	23.96	(0.44)	**-2.26**	(0.56)
	Uruguay	13.54	(0.29)	14.33	(0.30)	15.38	(0.26)	16.10	(0.26)	**-2.52**	(0.36)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.7d [Part 5/7] Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Allocation of total learning time in science, mathematics and the language of instruction for Regular school lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	67.2	(0.5)	67.2	(0.4)	66.4	(0.4)	65.5	(0.4)	**1.7**	(0.6)
	Austria	59.2	(0.7)	61.0	(0.6)	63.4	(0.6)	63.9	(0.6)	**-4.6**	(0.8)
	Belgium	63.7	(0.5)	64.7	(0.6)	64.1	(0.5)	65.0	(0.4)	-1.1	(0.7)
	Canada	64.3	(0.6)	64.7	(0.5)	63.5	(0.5)	63.5	(0.4)	0.7	(0.7)
	Czech Republic	68.2	(0.8)	69.4	(0.7)	70.2	(0.6)	70.4	(0.6)	**-2.2**	(1.0)
	Denmark	61.7	(0.6)	63.0	(0.5)	61.9	(0.6)	62.6	(0.5)	-1.0	(0.8)
	Finland	70.5	(0.6)	70.5	(0.6)	69.7	(0.5)	71.3	(0.5)	-0.8	(0.8)
	France	62.4	(0.6)	63.6	(0.7)	63.4	(0.5)	64.3	(0.5)	**-2.0**	(0.8)
	Germany	56.9	(0.6)	59.4	(0.6)	59.9	(0.7)	61.8	(0.5)	**-4.9**	(0.8)
	Greece	50.1	(0.8)	47.9	(0.6)	46.6	(0.7)	47.6	(0.8)	**2.5**	(1.0)
	Hungary	50.0	(0.7)	53.0	(0.6)	52.0	(0.7)	54.4	(0.6)	**-4.4**	(0.9)
	Iceland	70.4	(0.5)	70.2	(0.6)	68.9	(0.6)	69.4	(0.5)	1.0	(0.7)
	Ireland	65.0	(0.8)	63.4	(0.6)	62.4	(0.6)	63.1	(0.6)	1.9	(1.0)
	Italy	55.7	(0.4)	55.1	(0.4)	55.1	(0.3)	53.8	(0.4)	**1.8**	(0.6)
	Japan	76.5	(0.6)	75.4	(0.7)	73.9	(0.7)	72.3	(0.7)	**4.3**	(0.8)
	Korea	67.6	(0.8)	65.0	(0.6)	59.3	(0.6)	53.4	(0.6)	**14.2**	(1.0)
	Luxembourg	60.0	(0.7)	61.5	(0.6)	64.6	(0.5)	66.7	(0.5)	**-7.0**	(0.9)
	Mexico	51.0	(0.9)	53.2	(0.6)	53.0	(0.5)	57.7	(0.6)	**-6.6**	(1.1)
	Netherlands	59.0	(0.9)	59.5	(0.6)	59.7	(0.7)	61.8	(0.6)	**-2.9**	(1.2)
	New Zealand	69.2	(0.8)	69.8	(0.6)	70.5	(0.6)	69.1	(0.6)	0.1	(0.9)
	Norway	60.5	(0.7)	60.8	(0.7)	61.0	(0.7)	59.5	(0.7)	0.9	(1.0)
	Poland	58.6	(0.5)	59.9	(0.5)	60.4	(0.6)	60.6	(0.4)	**-2.0**	(0.7)
	Portugal	57.3	(0.9)	57.4	(0.7)	58.5	(0.5)	59.9	(0.6)	**-2.6**	(1.1)
	Slovak Republic	59.6	(0.7)	59.3	(0.7)	58.1	(0.7)	58.7	(0.7)	0.9	(1.0)
	Spain	58.8	(0.6)	58.6	(0.5)	58.8	(0.5)	59.8	(0.5)	-0.9	(0.8)
	Sweden	67.0	(0.7)	66.0	(0.7)	65.8	(0.5)	66.0	(0.6)	1.0	(0.8)
	Switzerland	61.4	(0.7)	64.2	(0.5)	65.0	(0.5)	66.6	(0.4)	**-5.2**	(0.8)
	Turkey	51.0	(0.6)	51.7	(0.6)	51.6	(0.6)	51.5	(0.6)	-0.6	(0.9)
	United Kingdom	69.5	(0.6)	68.5	(0.4)	67.1	(0.4)	66.4	(0.4)	**3.1**	(0.7)
	United States	52.7	(1.1)	55.5	(0.7)	56.2	(0.6)	58.1	(0.6)	**-5.4**	(1.3)
	OECD average	61.5	(0.1)	62.0	(0.1)	61.7	(0.1)	62.2	(0.1)	**-0.7**	(0.2)
Partners	Argentina	53.8	(0.9)	52.5	(0.9)	53.4	(0.8)	58.3	(0.9)	**-5.0**	(1.3)
	Azerbaijan	44.3	(0.8)	44.3	(0.8)	44.9	(0.6)	44.2	(0.6)	-0.1	(0.9)
	Brazil	51.8	(0.9)	52.7	(0.8)	52.5	(0.8)	54.9	(0.7)	**-3.2**	(1.3)
	Bulgaria	50.0	(1.0)	49.3	(0.9)	49.8	(0.6)	50.9	(0.6)	-1.1	(1.2)
	Chile	50.3	(0.7)	53.4	(0.7)	54.8	(0.6)	59.8	(0.8)	**-9.5**	(1.0)
	Colombia	58.7	(1.3)	58.5	(1.0)	59.9	(0.7)	61.0	(0.7)	-1.9	(1.5)
	Croatia	59.1	(0.6)	60.0	(0.6)	60.0	(0.6)	60.6	(0.6)	**-1.5**	(0.7)
	Estonia	60.5	(0.9)	60.1	(0.7)	60.8	(0.6)	62.1	(0.6)	-1.6	(0.9)
	Hong Kong-China	66.0	(0.7)	64.4	(0.7)	64.3	(0.6)	61.8	(0.5)	**4.3**	(0.7)
	Indonesia	55.8	(0.7)	56.0	(0.7)	55.4	(1.2)	56.7	(1.0)	-0.9	(1.1)
	Israel	48.5	(0.9)	51.3	(0.8)	53.9	(0.9)	55.1	(0.7)	**-6.6**	(1.1)
	Jordan	41.3	(0.8)	43.0	(0.7)	44.3	(0.7)	46.0	(0.8)	**-4.8**	(1.1)
	Kyrgyzstan	37.0	(0.9)	37.9	(0.7)	40.3	(0.7)	44.8	(0.8)	**-7.8**	(1.1)
	Latvia	57.4	(0.6)	57.0	(0.6)	57.3	(0.6)	57.6	(0.5)	-0.2	(0.8)
	Liechtenstein	62.0	(2.3)	69.1	(1.8)	67.9	(2.0)	66.8	(1.7)	-4.4	(3.0)
	Lithuania	58.1	(0.8)	60.3	(0.6)	60.1	(0.6)	59.5	(0.6)	-1.4	(0.9)
	Macao-China	67.8	(0.7)	68.0	(0.5)	66.6	(0.7)	64.3	(0.7)	**3.4**	(0.9)
	Montenegro	49.7	(0.6)	49.8	(0.7)	50.8	(0.7)	52.9	(0.6)	**-3.2**	(1.0)
	Qatar	40.9	(0.5)	42.2	(0.5)	44.4	(0.5)	45.2	(0.5)	**-4.4**	(0.8)
	Romania	47.8	(1.3)	48.4	(0.8)	48.5	(0.7)	50.1	(0.6)	-2.2	(1.4)
	Russian Federation	51.1	(0.9)	49.8	(0.6)	51.1	(0.5)	51.6	(0.5)	-0.6	(1.0)
	Serbia	57.9	(0.6)	57.8	(0.7)	57.3	(0.7)	57.9	(0.6)	-0.0	(0.9)
	Slovenia	53.8	(0.6)	55.3	(0.5)	58.1	(0.6)	60.6	(0.6)	**-6.5**	(0.9)
	Chinese Taipei	64.9	(0.5)	61.4	(0.7)	60.8	(0.5)	58.6	(0.5)	**6.4**	(0.7)
	Thailand	64.2	(0.8)	62.1	(0.6)	62.0	(0.6)	60.7	(0.5)	**3.4**	(1.0)
	Tunisia	40.1	(0.5)	41.0	(0.6)	41.7	(0.7)	42.6	(0.6)	**-2.3**	(0.9)
	Uruguay	58.6	(0.9)	58.5	(0.7)	59.0	(0.6)	60.7	(0.6)	-2.1	(1.1)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.7d [Part 6/7] Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Allocation of total learning time in science, mathematics and the language of instruction for Out-of-school-time lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	9.9	(0.3)	8.7	(0.3)	8.4	(0.2)	7.7	(0.3)	**2.2**	(0.4)
	Austria	6.3	(0.4)	5.8	(0.4)	4.7	(0.3)	4.7	(0.3)	**1.6**	(0.5)
	Belgium	9.6	(0.3)	8.0	(0.4)	7.3	(0.3)	6.0	(0.3)	**3.5**	(0.5)
	Canada	11.9	(0.4)	11.0	(0.3)	10.9	(0.3)	10.1	(0.3)	**1.9**	(0.5)
	Czech Republic	11.0	(0.4)	9.8	(0.4)	10.3	(0.4)	9.7	(0.4)	**1.5**	(0.6)
	Denmark	17.1	(0.4)	15.5	(0.4)	15.9	(0.4)	15.3	(0.4)	**1.8**	(0.6)
	Finland	7.2	(0.4)	6.7	(0.4)	6.5	(0.3)	5.4	(0.3)	**1.8**	(0.5)
	France	14.1	(0.4)	12.7	(0.4)	11.7	(0.4)	9.4	(0.4)	**4.8**	(0.5)
	Germany	11.4	(0.5)	9.2	(0.4)	9.0	(0.5)	7.6	(0.3)	**3.9**	(0.6)
	Greece	22.9	(0.6)	26.3	(0.6)	27.3	(0.5)	26.4	(0.7)	**-3.5**	(1.0)
	Hungary	20.6	(0.5)	18.5	(0.5)	18.8	(0.4)	17.0	(0.5)	**3.6**	(0.7)
	Iceland	6.7	(0.4)	6.9	(0.4)	7.9	(0.4)	7.2	(0.3)	-0.6	(0.5)
	Ireland	9.2	(0.5)	9.2	(0.3)	8.8	(0.4)	7.6	(0.3)	**1.7**	(0.6)
	Italy	10.3	(0.3)	10.0	(0.3)	9.5	(0.3)	9.8	(0.3)	0.5	(0.5)
	Japan	7.8	(0.4)	6.7	(0.4)	7.3	(0.4)	7.9	(0.4)	-0.1	(0.5)
	Korea	14.6	(0.5)	16.6	(0.5)	20.0	(0.5)	22.3	(0.4)	**-7.7**	(0.7)
	Luxembourg	13.3	(0.5)	11.6	(0.4)	9.6	(0.4)	8.1	(0.3)	**5.4**	(0.6)
	Mexico	16.7	(0.8)	14.3	(0.4)	15.2	(0.4)	12.6	(0.5)	**4.1**	(1.0)
	Netherlands	14.0	(0.7)	13.6	(0.4)	11.9	(0.6)	9.6	(0.4)	**4.4**	(0.8)
	New Zealand	9.9	(0.6)	8.3	(0.4)	7.6	(0.4)	7.1	(0.4)	**2.9**	(0.6)
	Norway	18.0	(0.4)	16.9	(0.5)	16.3	(0.5)	16.6	(0.5)	**1.4**	(0.6)
	Poland	10.6	(0.5)	10.2	(0.4)	9.7	(0.4)	9.7	(0.3)	0.9	(0.6)
	Portugal	11.2	(0.6)	10.8	(0.5)	9.8	(0.4)	9.2	(0.3)	**2.1**	(0.7)
	Slovak Republic	12.6	(0.6)	12.3	(0.5)	12.7	(0.5)	13.3	(0.4)	-0.8	(0.7)
	Spain	12.0	(0.4)	11.7	(0.4)	11.4	(0.4)	9.8	(0.5)	**2.3**	(0.7)
	Sweden	11.0	(0.4)	10.3	(0.5)	10.1	(0.4)	9.5	(0.4)	**1.5**	(0.5)
	Switzerland	10.9	(0.5)	8.9	(0.3)	8.6	(0.3)	7.3	(0.3)	**3.6**	(0.6)
	Turkey	21.3	(0.5)	20.3	(0.5)	21.5	(0.5)	23.5	(0.4)	**-2.1**	(0.6)
	United Kingdom	8.6	(0.4)	8.4	(0.3)	8.3	(0.2)	7.3	(0.3)	**1.3**	(0.4)
	United States	18.2	(0.8)	16.5	(0.5)	14.6	(0.5)	11.8	(0.5)	**6.4**	(0.9)
	OECD average	12.6	(0.1)	11.9	(0.1)	11.7	(0.1)	11.0	(0.1)	**1.7**	(0.1)
Partners	Argentina	11.3	(0.8)	11.2	(0.7)	10.8	(0.6)	8.9	(0.6)	**2.5**	(1.0)
	Azerbaijan	20.4	(0.7)	19.6	(0.7)	18.9	(0.5)	20.0	(0.5)	0.2	(0.8)
	Brazil	16.8	(0.7)	17.8	(0.6)	17.2	(0.6)	16.8	(0.5)	0.1	(0.9)
	Bulgaria	18.8	(0.6)	17.8	(0.7)	15.5	(0.6)	15.2	(0.6)	**3.8**	(0.9)
	Chile	19.0	(0.6)	17.1	(0.5)	15.8	(0.4)	13.5	(0.5)	**5.5**	(0.8)
	Colombia	15.3	(0.6)	14.7	(0.6)	14.3	(0.5)	13.7	(0.4)	**1.5**	(0.7)
	Croatia	9.9	(0.5)	9.1	(0.4)	9.5	(0.4)	9.8	(0.4)	0.0	(0.6)
	Estonia	14.3	(0.6)	14.0	(0.5)	12.9	(0.5)	11.8	(0.5)	**2.6**	(0.6)
	Hong Kong-China	11.6	(0.5)	12.9	(0.4)	13.1	(0.4)	14.1	(0.4)	**-2.4**	(0.6)
	Indonesia	15.7	(0.6)	16.4	(0.5)	16.6	(0.7)	17.5	(0.7)	**-1.7**	(0.6)
	Israel	23.7	(0.5)	22.3	(0.4)	20.6	(0.4)	20.1	(0.4)	**3.6**	(0.7)
	Jordan	22.8	(0.6)	22.2	(0.6)	21.8	(0.6)	20.6	(0.7)	**2.2**	(0.9)
	Kyrgyzstan	25.8	(0.8)	26.9	(0.6)	26.0	(0.7)	22.0	(0.6)	**3.7**	(1.0)
	Latvia	13.2	(0.6)	12.9	(0.6)	12.4	(0.5)	12.4	(0.5)	0.8	(0.8)
	Liechtenstein	12.4	(1.5)	6.4	(1.2)	6.9	(1.3)	7.3	(1.2)	**5.0**	(2.0)
	Lithuania	12.6	(0.6)	11.3	(0.5)	10.5	(0.4)	10.0	(0.5)	**2.6**	(0.7)
	Macao-China	12.8	(0.5)	12.4	(0.4)	12.6	(0.4)	13.5	(0.5)	-0.7	(0.7)
	Montenegro	14.5	(0.5)	14.9	(0.6)	14.9	(0.6)	13.8	(0.6)	0.8	(0.8)
	Qatar	26.1	(0.5)	25.4	(0.4)	23.5	(0.5)	23.6	(0.4)	**2.6**	(0.6)
	Romania	21.1	(0.8)	20.5	(0.8)	20.6	(0.6)	19.7	(0.5)	1.3	(1.1)
	Russian Federation	16.5	(0.9)	16.4	(0.6)	15.2	(0.6)	14.5	(0.4)	**2.1**	(0.9)
	Serbia	14.5	(0.4)	14.0	(0.5)	14.2	(0.5)	12.7	(0.4)	**1.7**	(0.7)
	Slovenia	16.3	(0.5)	14.7	(0.5)	13.4	(0.4)	11.2	(0.4)	**5.0**	(0.6)
	Chinese Taipei	12.4	(0.4)	13.7	(0.4)	14.4	(0.4)	15.4	(0.3)	**-3.1**	(0.5)
	Thailand	8.1	(0.5)	9.5	(0.4)	10.2	(0.4)	13.3	(0.5)	**-5.2**	(0.7)
	Tunisia	26.4	(0.4)	26.1	(0.4)	27.0	(0.5)	26.3	(0.5)	-0.0	(0.7)
	Uruguay	12.6	(0.5)	13.1	(0.5)	13.6	(0.5)	11.1	(0.4)	**1.4**	(0.7)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.7d [Part 7/7] Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Allocation of total learning time in science, mathematics and the language of instruction for Individual study									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	23.0	(0.3)	24.2	(0.3)	25.2	(0.3)	26.9	(0.3)	**-3.9**	(0.4)
	Austria	34.6	(0.6)	33.2	(0.5)	31.9	(0.5)	31.3	(0.5)	**3.1**	(0.8)
	Belgium	26.7	(0.4)	27.3	(0.4)	28.6	(0.4)	29.0	(0.4)	**-2.3**	(0.6)
	Canada	23.9	(0.4)	24.2	(0.4)	25.7	(0.4)	26.4	(0.3)	**-2.5**	(0.4)
	Czech Republic	20.8	(0.6)	20.8	(0.5)	19.5	(0.5)	19.9	(0.5)	0.8	(0.8)
	Denmark	21.2	(0.4)	21.6	(0.3)	22.2	(0.3)	22.0	(0.3)	-0.9	(0.5)
	Finland	22.4	(0.4)	22.8	(0.4)	23.8	(0.4)	23.3	(0.4)	-1.0	(0.5)
	France	23.4	(0.5)	23.7	(0.5)	24.9	(0.4)	26.2	(0.4)	**-2.8**	(0.6)
	Germany	31.7	(0.4)	31.4	(0.5)	31.0	(0.5)	30.6	(0.5)	1.0	(0.6)
	Greece	27.0	(0.5)	25.8	(0.5)	26.1	(0.5)	26.0	(0.4)	1.0	(0.6)
	Hungary	29.3	(0.5)	28.5	(0.4)	29.2	(0.5)	28.6	(0.4)	0.8	(0.6)
	Iceland	23.0	(0.4)	22.8	(0.4)	23.3	(0.3)	23.3	(0.4)	-0.4	(0.5)
	Ireland	25.8	(0.6)	27.4	(0.5)	28.8	(0.4)	29.4	(0.6)	**-3.7**	(0.8)
	Italy	34.0	(0.3)	34.9	(0.3)	35.3	(0.3)	36.3	(0.3)	**-2.4**	(0.4)
	Japan	15.7	(0.4)	17.8	(0.5)	18.8	(0.5)	19.9	(0.5)	**-4.2**	(0.6)
	Korea	17.8	(0.4)	18.3	(0.4)	20.7	(0.5)	24.3	(0.5)	**-6.6**	(0.6)
	Luxembourg	26.6	(0.5)	27.0	(0.4)	25.7	(0.4)	25.2	(0.4)	**1.5**	(0.6)
	Mexico	32.2	(0.5)	32.5	(0.4)	31.8	(0.4)	29.7	(0.4)	**2.4**	(0.7)
	Netherlands	27.0	(0.5)	27.0	(0.5)	28.4	(0.4)	28.7	(0.5)	**-1.6**	(0.7)
	New Zealand	20.9	(0.4)	21.9	(0.4)	22.0	(0.4)	23.8	(0.5)	**-3.0**	(0.6)
	Norway	21.5	(0.4)	22.4	(0.5)	22.6	(0.4)	23.9	(0.4)	**-2.4**	(0.6)
	Poland	30.8	(0.5)	29.8	(0.4)	29.9	(0.4)	29.7	(0.3)	1.2	(0.7)
	Portugal	31.5	(0.6)	31.8	(0.5)	31.7	(0.4)	31.0	(0.5)	0.5	(0.8)
	Slovak Republic	27.7	(0.7)	28.5	(0.4)	29.1	(0.6)	28.0	(0.6)	-0.2	(0.9)
	Spain	29.2	(0.5)	29.6	(0.4)	29.8	(0.4)	30.4	(0.4)	**-1.3**	(0.6)
	Sweden	22.0	(0.5)	23.6	(0.6)	24.2	(0.4)	24.5	(0.5)	**-2.5**	(0.6)
	Switzerland	27.7	(0.4)	26.9	(0.4)	26.5	(0.4)	26.1	(0.3)	**1.5**	(0.5)
	Turkey	27.7	(0.4)	28.1	(0.5)	26.9	(0.4)	25.0	(0.4)	**2.7**	(0.6)
	United Kingdom	21.9	(0.3)	23.1	(0.4)	24.6	(0.4)	26.3	(0.4)	**-4.4**	(0.4)
	United States	29.1	(0.5)	28.1	(0.5)	29.1	(0.4)	30.2	(0.4)	-1.1	(0.7)
	OECD average	25.9	(0.1)	26.2	(0.1)	26.6	(0.1)	26.9	(0.1)	**-1.0**	(0.1)
Partners	Argentina	34.9	(0.7)	36.4	(0.8)	35.7	(0.6)	32.8	(0.6)	**2.6**	(1.0)
	Azerbaijan	35.3	(0.7)	36.2	(0.5)	36.2	(0.5)	35.8	(0.5)	-0.1	(0.8)
	Brazil	31.5	(0.7)	29.4	(0.5)	30.3	(0.5)	28.3	(0.5)	**3.1**	(0.8)
	Bulgaria	31.1	(0.7)	32.9	(0.6)	34.6	(0.5)	34.0	(0.5)	**-2.8**	(0.9)
	Chile	30.7	(0.5)	29.5	(0.5)	29.5	(0.5)	26.7	(0.5)	**4.0**	(0.6)
	Colombia	26.0	(0.8)	26.6	(0.7)	25.9	(0.4)	25.4	(0.5)	0.4	(1.0)
	Croatia	31.0	(0.5)	30.8	(0.5)	30.5	(0.6)	29.6	(0.5)	**1.4**	(0.7)
	Estonia	25.2	(0.5)	25.9	(0.5)	26.3	(0.4)	26.1	(0.4)	-0.9	(0.6)
	Hong Kong-China	22.3	(0.6)	22.7	(0.5)	22.6	(0.5)	24.2	(0.4)	**-1.9**	(0.6)
	Indonesia	28.5	(0.5)	27.6	(0.5)	27.9	(0.5)	25.8	(0.6)	**2.6**	(0.8)
	Israel	27.8	(0.6)	26.3	(0.6)	25.5	(0.6)	24.8	(0.6)	**3.1**	(0.9)
	Jordan	36.0	(0.5)	34.8	(0.5)	33.9	(0.5)	33.4	(0.5)	**2.6**	(0.7)
	Kyrgyzstan	37.2	(0.5)	35.2	(0.6)	33.8	(0.6)	33.2	(0.5)	**4.1**	(0.7)
	Latvia	29.4	(0.6)	30.2	(0.6)	30.2	(0.4)	30.0	(0.5)	-0.5	(0.8)
	Liechtenstein	25.6	(1.4)	24.6	(1.3)	25.0	(1.7)	26.1	(1.5)	-0.3	(1.9)
	Lithuania	29.3	(0.5)	28.4	(0.4)	29.3	(0.5)	30.5	(0.4)	**-1.3**	(0.6)
	Macao-China	19.4	(0.5)	19.6	(0.4)	20.7	(0.5)	22.1	(0.4)	**-2.7**	(0.6)
	Montenegro	35.7	(0.5)	35.3	(0.6)	34.4	(0.6)	33.3	(0.5)	**2.4**	(0.8)
	Qatar	33.1	(0.4)	32.5	(0.3)	32.1	(0.3)	31.2	(0.4)	**1.9**	(0.6)
	Romania	31.2	(0.7)	31.1	(0.5)	31.0	(0.6)	30.2	(0.4)	0.9	(0.7)
	Russian Federation	32.4	(0.8)	33.7	(0.5)	33.8	(0.4)	33.9	(0.4)	**-1.5**	(0.6)
	Serbia	27.6	(0.4)	28.2	(0.5)	28.5	(0.5)	29.3	(0.5)	**-1.7**	(0.6)
	Slovenia	29.9	(0.5)	29.9	(0.5)	28.4	(0.5)	28.3	(0.5)	**1.6**	(0.8)
	Chinese Taipei	22.7	(0.3)	24.9	(0.4)	24.8	(0.4)	25.9	(0.3)	**-3.3**	(0.5)
	Thailand	27.7	(0.5)	28.3	(0.4)	27.9	(0.4)	26.0	(0.4)	**1.8**	(0.6)
	Tunisia	33.4	(0.5)	32.9	(0.5)	31.3	(0.5)	31.1	(0.5)	**2.3**	(0.7)
	Uruguay	28.7	(0.7)	28.4	(0.7)	27.5	(0.4)	28.1	(0.4)	0.7	(0.8)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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[Part 1/3]

Table 3.8a Mean learning hours and allocation of total learning time in science, by immigrant status

		Mean learning hours per week											
		Regular school lessons						Out-of-school-time lessons					
		Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	3.18	(0.04)	3.51	(0.06)	**-0.33**	(0.07)	0.31	(0.01)	0.53	(0.03)	**-0.22**	(0.03)
	Austria	2.51	(0.07)	2.15	(0.10)	**0.36**	(0.11)	0.19	(0.01)	0.35	(0.05)	**-0.15**	(0.05)
	Belgium	2.66	(0.04)	2.38	(0.10)	**0.29**	(0.09)	0.29	(0.01)	0.51	(0.05)	**-0.22**	(0.05)
	Canada	4.01	(0.04)	4.04	(0.09)	-0.02	(0.09)	0.49	(0.01)	0.76	(0.04)	**-0.26**	(0.04)
	Czech Republic	2.95	(0.07)	2.69	(0.22)	0.26	(0.23)	0.53	(0.02)	0.79	(0.15)	-0.25	(0.15)
	Denmark	3.23	(0.04)	2.96	(0.13)	**0.27**	(0.12)	0.75	(0.02)	1.05	(0.07)	**-0.30**	(0.07)
	Finland	3.14	(0.04)	2.83	(0.26)	0.31	(0.27)	0.32	(0.01)	0.52	(0.10)	-0.20	(0.10)
	France	2.91	(0.05)	2.55	(0.12)	**0.36**	(0.13)	0.53	(0.02)	0.74	(0.06)	**-0.21**	(0.06)
	Germany	3.16	(0.05)	2.53	(0.10)	**0.62**	(0.10)	0.49	(0.02)	0.60	(0.06)	**-0.11**	(0.06)
	Greece	3.24	(0.05)	2.61	(0.14)	**0.63**	(0.14)	2.04	(0.04)	1.40	(0.12)	**0.63**	(0.12)
	Hungary	2.51	(0.04)	2.35	(0.26)	0.16	(0.26)	1.00	(0.03)	0.92	(0.18)	0.08	(0.18)
	Iceland	2.97	(0.02)	2.86	(0.20)	0.11	(0.20)	0.28	(0.01)	0.57	(0.14)	**-0.29**	(0.14)
	Ireland	2.53	(0.04)	2.65	(0.14)	-0.12	(0.14)	0.31	(0.01)	0.47	(0.07)	**-0.16**	(0.07)
	Italy	2.94	(0.06)	2.73	(0.12)	0.20	(0.12)	0.57	(0.01)	0.72	(0.06)	**-0.15**	(0.07)
	Japan	2.70	(0.05)	c	c	c	c	0.26	(0.01)	c	c	c	c
	Korea	3.60	(0.06)	c	c	c	c	1.03	(0.04)	c	c	c	c
	Luxembourg	2.38	(0.03)	2.24	(0.05)	0.14	(0.06)	0.46	(0.02)	0.58	(0.03)	**-0.12**	(0.03)
	Mexico	3.18	(0.04)	2.95	(0.25)	**0.23**	(0.26)	0.98	(0.03)	1.63	(0.31)	**-0.65**	(0.31)
	Netherlands	2.22	(0.04)	1.83	(0.12)	**0.39**	(0.12)	0.51	(0.02)	0.76	(0.05)	**-0.25**	(0.05)
	New Zealand	4.05	(0.05)	4.09	(0.07)	-0.03	(0.09)	0.32	(0.02)	0.70	(0.04)	**-0.38**	(0.04)
	Norway	2.64	(0.03)	2.70	(0.10)	-0.06	(0.10)	0.91	(0.02)	1.30	(0.09)	**-0.39**	(0.09)
	Poland	2.72	(0.04)	c	c	c	c	0.62	(0.02)	c	c	c	c
	Portugal	3.25	(0.05)	2.71	(0.19)	**0.54**	(0.19)	0.63	(0.02)	0.67	(0.09)	-0.04	(0.10)
	Slovak Republic	2.46	(0.07)	c	c	c	c	0.65	(0.03)	c	c	c	c
	Spain	3.14	(0.04)	2.89	(0.14)	0.26	(0.14)	0.68	(0.03)	0.64	(0.05)	0.03	(0.06)
	Sweden	2.82	(0.03)	2.72	(0.09)	0.10	(0.09)	0.47	(0.01)	0.74	(0.06)	**-0.27**	(0.06)
	Switzerland	2.46	(0.05)	2.08	(0.05)	**0.38**	(0.06)	0.36	(0.01)	0.50	(0.03)	**-0.14**	(0.04)
	Turkey	2.88	(0.09)	3.13	(0.33)	-0.25	(0.31)	1.36	(0.05)	1.11	(0.34)	0.24	(0.33)
	United Kingdom	4.26	(0.04)	4.33	(0.12)	-0.07	(0.12)	0.43	(0.01)	0.99	(0.07)	**-0.56**	(0.07)
	United States	3.58	(0.05)	3.25	(0.08)	**0.33**	(0.08)	0.75	(0.02)	0.90	(0.05)	**-0.15**	(0.05)
	OECD average	3.01	(0.01)	2.84	(0.03)	**0.19**	(0.03)	0.62	(0.00)	0.79	(0.02)	**-0.17**	(0.02)
Partners	Argentina	2.27	(0.06)	2.05	(0.19)	0.23	(0.18)	0.49	(0.02)	0.40	(0.10)	0.09	(0.10)
	Azerbaijan	2.86	(0.06)	2.83	(0.21)	0.03	(0.21)	1.36	(0.03)	1.39	(0.13)	-0.03	(0.13)
	Brazil	2.23	(0.03)	1.61	(0.12)	**0.62**	(0.12)	0.78	(0.02)	0.81	(0.12)	-0.03	(0.11)
	Bulgaria	2.65	(0.08)	c	c	c	c	0.98	(0.03)	c	c	c	c
	Chile	2.34	(0.05)	c	c	c	c	0.82	(0.02)	c	c	c	c
	Colombia	3.53	(0.11)	c	c	c	c	0.95	(0.04)	c	c	c	c
	Croatia	2.03	(0.05)	1.90	(0.07)	0.13	(0.07)	0.43	(0.02)	0.44	(0.04)	-0.02	(0.04)
	Estonia	3.29	(0.04)	3.24	(0.11)	0.06	(0.11)	0.73	(0.02)	0.94	(0.07)	**-0.20**	(0.07)
	Hong Kong-China	3.14	(0.08)	3.16	(0.08)	-0.02	(0.11)	0.99	(0.04)	0.74	(0.04)	**0.24**	(0.05)
	Indonesia	3.24	(0.07)	1.85	(0.39)	**1.39**	(0.40)	1.04	(0.04)	1.06	(0.16)	-0.02	(0.16)
	Israel	2.41	(0.06)	2.57	(0.10)	-0.17	(0.10)	0.94	(0.03)	1.00	(0.05)	-0.06	(0.05)
	Jordan	3.25	(0.06)	3.43	(0.09)	-0.18	(0.10)	1.51	(0.04)	1.51	(0.07)	0.00	(0.08)
	Kyrgyzstan	2.09	(0.07)	2.36	(0.20)	-0.26	(0.20)	1.36	(0.03)	0.97	(0.13)	**0.38**	(0.13)
	Latvia	2.86	(0.06)	3.02	(0.14)	-0.16	(0.13)	0.63	(0.02)	0.90	(0.07)	**-0.27**	(0.07)
	Liechtenstein	2.58	(0.10)	2.60	(0.14)	-0.02	(0.18)	0.42	(0.06)	0.69	(0.12)	**-0.27**	(0.13)
	Lithuania	2.70	(0.04)	2.75	(0.22)	-0.05	(0.21)	0.56	(0.02)	0.50	(0.08)	0.06	(0.08)
	Macao-China	3.47	(0.07)	3.86	(0.04)	**-0.40**	(0.09)	0.99	(0.05)	0.99	(0.03)	-0.01	(0.05)
	Montenegro	2.85	(0.04)	2.63	(0.16)	0.23	(0.16)	1.06	(0.02)	0.87	(0.09)	0.19	(0.10)
	Qatar	2.33	(0.04)	3.20	(0.05)	**-0.87**	(0.07)	1.46	(0.03)	1.47	(0.04)	-0.00	(0.04)
	Romania	2.26	(0.07)	c	c	c	c	1.03	(0.02)	c	c	c	c
	Russian Federation	3.75	(0.09)	3.56	(0.16)	0.19	(0.16)	1.12	(0.03)	1.14	(0.08)	-0.02	(0.08)
	Serbia	2.87	(0.06)	2.76	(0.12)	0.11	(0.13)	0.78	(0.02)	0.76	(0.06)	0.02	(0.06)
	Slovenia	2.86	(0.03)	2.45	(0.11)	**0.41**	(0.12)	0.72	(0.02)	0.68	(0.05)	0.04	(0.05)
	Chinese Taipei	2.91	(0.05)	2.15	(0.32)	**0.76**	(0.31)	0.78	(0.02)	0.80	(0.23)	-0.02	(0.23)
	Thailand	3.83	(0.04)	c	c	c	c	0.91	(0.03)	c	c	c	c
	Tunisia	2.63	(0.05)	2.20	(0.33)	0.43	(0.34)	1.92	(0.03)	2.36	(0.40)	-0.44	(0.40)
	Uruguay	2.42	(0.05)	c	c	c	c	0.60	(0.02)	c	c	c	c

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



[Part 2/3]

Table 3.8a Mean learning hours and allocation of total learning time in science, by immigrant status

		Mean learning hours per week											
		Individual study						Total learning hours					
		Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	1.08	(0.02)	1.53	(0.05)	**-0.45**	(0.04)	4.56	(0.05)	5.56	(0.11)	**-0.99**	(0.11)
	Austria	1.24	(0.04)	1.49	(0.07)	**-0.25**	(0.07)	3.95	(0.10)	4.02	(0.15)	-0.07	(0.17)
	Belgium	1.25	(0.02)	1.26	(0.06)	-0.00	(0.06)	4.22	(0.06)	4.10	(0.16)	0.12	(0.15)
	Canada	1.42	(0.02)	2.05	(0.06)	**-0.63**	(0.06)	5.95	(0.06)	6.83	(0.13)	**-0.88**	(0.14)
	Czech Republic	1.00	(0.03)	1.19	(0.18)	-0.19	(0.18)	4.47	(0.10)	4.67	(0.41)	-0.20	(0.42)
	Denmark	1.06	(0.02)	1.46	(0.08)	**-0.41**	(0.08)	5.03	(0.07)	5.40	(0.18)	**-0.37**	(0.17)
	Finland	1.07	(0.02)	1.12	(0.11)	-0.05	(0.11)	4.53	(0.06)	4.49	(0.34)	0.04	(0.34)
	France	1.30	(0.03)	1.38	(0.08)	-0.08	(0.08)	4.75	(0.09)	4.69	(0.19)	0.06	(0.21)
	Germany	1.70	(0.03)	1.70	(0.07)	-0.00	(0.07)	5.36	(0.07)	4.77	(0.15)	**0.59**	(0.16)
	Greece	1.87	(0.04)	1.54	(0.11)	**0.33**	(0.11)	7.15	(0.10)	5.53	(0.29)	**1.61**	(0.27)
	Hungary	1.59	(0.03)	1.66	(0.18)	-0.07	(0.17)	5.11	(0.09)	4.97	(0.54)	0.14	(0.53)
	Iceland	1.16	(0.02)	1.37	(0.18)	-0.21	(0.18)	4.42	(0.04)	4.84	(0.37)	-0.42	(0.36)
	Ireland	1.19	(0.03)	1.40	(0.11)	-0.21	(0.11)	4.02	(0.07)	4.50	(0.25)	-0.47	(0.25)
	Italy	2.11	(0.04)	1.99	(0.11)	0.12	(0.11)	5.60	(0.10)	5.43	(0.20)	0.17	(0.20)
	Japan	0.69	(0.02)	c	c	c	c	3.65	(0.07)	c	c	c	c
	Korea	1.22	(0.06)	c	c	c	c	5.86	(0.14)	c	c	c	c
	Luxembourg	1.25	(0.02)	1.24	(0.04)	0.01	(0.04)	4.10	(0.06)	4.05	(0.08)	0.05	(0.10)
	Mexico	2.13	(0.03)	2.21	(0.13)	-0.08	(0.12)	6.25	(0.07)	6.67	(0.47)	-0.42	(0.48)
	Netherlands	1.19	(0.03)	1.32	(0.07)	-0.12	(0.07)	3.90	(0.06)	3.90	(0.17)	0.01	(0.17)
	New Zealand	1.14	(0.03)	1.80	(0.05)	**-0.66**	(0.06)	5.52	(0.07)	6.58	(0.10)	**-1.06**	(0.12)
	Norway	1.20	(0.02)	1.60	(0.09)	**-0.40**	(0.09)	4.75	(0.05)	5.63	(0.20)	**-0.88**	(0.20)
	Poland	2.02	(0.03)	c	c	c	c	5.37	(0.07)	c	c	c	c
	Portugal	2.08	(0.04)	2.15	(0.15)	-0.07	(0.15)	5.97	(0.08)	5.43	(0.36)	0.53	(0.37)
	Slovak Republic	1.39	(0.04)	c	c	c	c	4.52	(0.12)	c	c	c	c
	Spain	1.73	(0.03)	1.76	(0.09)	-0.03	(0.09)	5.58	(0.08)	5.29	(0.17)	0.29	(0.19)
	Sweden	1.12	(0.02)	1.42	(0.06)	**-0.30**	(0.06)	4.41	(0.04)	4.89	(0.13)	**-0.48**	(0.13)
	Switzerland	1.09	(0.02)	1.22	(0.04)	**-0.13**	(0.04)	3.90	(0.06)	3.80	(0.10)	0.10	(0.11)
	Turkey	1.66	(0.05)	1.36	(0.25)	0.30	(0.24)	5.85	(0.18)	5.52	(0.89)	0.33	(0.85)
	United Kingdom	1.40	(0.02)	1.95	(0.07)	**-0.55**	(0.07)	6.09	(0.05)	7.23	(0.18)	**-1.13**	(0.18)
	United States	1.66	(0.03)	1.81	(0.06)	**-0.15**	(0.06)	6.02	(0.07)	5.98	(0.14)	0.04	(0.15)
	OECD average	1.40	(0.01)	1.58	(0.02)	**-0.16**	(0.02)	5.03	(0.02)	5.18	(0.06)	**-0.13**	(0.06)
Partners	Argentina	1.59	(0.04)	1.54	(0.14)	0.05	(0.13)	4.33	(0.09)	4.02	(0.25)	0.31	(0.26)
	Azerbaijan	2.65	(0.05)	2.63	(0.27)	0.03	(0.28)	6.87	(0.11)	6.76	(0.41)	0.11	(0.41)
	Brazil	1.70	(0.02)	1.59	(0.15)	0.11	(0.15)	4.71	(0.06)	4.01	(0.31)	**0.70**	(0.31)
	Bulgaria	2.01	(0.06)	c	c	c	c	5.65	(0.13)	c	c	c	c
	Chile	1.52	(0.03)	c	c	c	c	4.70	(0.07)	c	c	c	c
	Colombia	1.83	(0.04)	c	c	c	c	6.31	(0.17)	c	c	c	c
	Croatia	1.47	(0.04)	1.43	(0.07)	0.04	(0.07)	3.94	(0.09)	3.81	(0.14)	0.14	(0.13)
	Estonia	1.52	(0.03)	1.74	(0.08)	**-0.22**	(0.09)	5.54	(0.06)	5.92	(0.18)	**-0.38**	(0.18)
	Hong Kong-China	1.45	(0.05)	1.44	(0.05)	0.01	(0.08)	5.56	(0.15)	5.34	(0.13)	0.22	(0.22)
	Indonesia	1.78	(0.03)	2.18	(0.24)	-0.40	(0.24)	6.04	(0.11)	5.18	(0.50)	0.86	(0.51)
	Israel	1.34	(0.04)	1.30	(0.07)	0.04	(0.07)	4.67	(0.10)	4.88	(0.18)	-0.20	(0.19)
	Jordan	2.62	(0.05)	2.82	(0.10)	**-0.21**	(0.10)	7.38	(0.10)	7.67	(0.18)	-0.28	(0.20)
	Kyrgyzstan	2.15	(0.04)	1.89	(0.16)	0.25	(0.17)	5.63	(0.09)	5.27	(0.33)	0.36	(0.33)
	Latvia	1.79	(0.03)	2.01	(0.10)	**-0.23**	(0.10)	5.26	(0.09)	5.94	(0.24)	**-0.68**	(0.24)
	Liechtenstein	1.23	(0.08)	1.14	(0.11)	0.09	(0.15)	4.26	(0.14)	4.38	(0.22)	-0.12	(0.30)
	Lithuania	1.69	(0.03)	1.58	(0.15)	0.11	(0.14)	4.94	(0.06)	4.85	(0.32)	0.09	(0.32)
	Macao-China	1.38	(0.05)	1.37	(0.03)	0.01	(0.06)	5.84	(0.13)	6.22	(0.07)	**-0.38**	(0.16)
	Montenegro	2.19	(0.03)	2.32	(0.13)	-0.13	(0.13)	6.09	(0.07)	5.82	(0.28)	0.27	(0.29)
	Qatar	1.86	(0.03)	2.28	(0.04)	**-0.42**	(0.05)	5.67	(0.08)	6.99	(0.09)	**-1.32**	(0.11)
	Romania	1.61	(0.05)	c	c	c	c	4.87	(0.11)	c	c	c	c
	Russian Federation	2.88	(0.06)	2.79	(0.12)	0.09	(0.13)	7.75	(0.14)	7.51	(0.29)	0.25	(0.30)
	Serbia	1.71	(0.04)	1.66	(0.10)	0.06	(0.10)	5.37	(0.10)	5.17	(0.22)	0.21	(0.22)
	Slovenia	1.56	(0.02)	1.32	(0.06)	**0.24**	(0.07)	5.15	(0.05)	4.47	(0.17)	**0.68**	(0.18)
	Chinese Taipei	1.25	(0.03)	0.88	(0.18)	**0.37**	(0.18)	4.97	(0.09)	3.86	(0.56)	**1.10**	(0.55)
	Thailand	1.82	(0.03)	c	c	c	c	6.55	(0.07)	c	c	c	c
	Tunisia	2.61	(0.04)	3.13	(0.44)	-0.53	(0.45)	7.14	(0.10)	7.73	(0.80)	-0.59	(0.80)
	Uruguay	1.33	(0.03)	c	c	c	c	4.37	(0.08)	c	c	c	c

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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[Part 3/3]

Table 3.8a Mean learning hours and allocation of total learning time in science, by immigrant status

		Allocation of total learning time in science for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	72.5	(0.3)	66.3	(0.6)	**6.2**	(0.6)	5.6	(0.2)	8.1	(0.3)	**-2.5**	(0.3)	21.9	(0.2)	25.6	(0.5)	**-3.7**	(0.5)
	Austria	65.2	(0.6)	57.1	(1.3)	**8.1**	(1.3)	3.8	(0.2)	7.0	(0.9)	**-3.2**	(0.9)	31.0	(0.6)	35.9	(1.3)	**-4.9**	(1.3)
	Belgium	64.2	(0.4)	59.2	(1.2)	**4.9**	(1.2)	6.0	(0.2)	10.5	(0.8)	**-4.5**	(0.9)	29.9	(0.3)	30.3	(0.9)	-0.4	(0.9)
	Canada	68.3	(0.3)	59.8	(0.8)	**8.5**	(0.8)	7.9	(0.2)	10.2	(0.5)	**-2.3**	(0.5)	23.8	(0.2)	30.0	(0.7)	**-6.2**	(0.7)
	Czech Republic	68.9	(0.6)	63.2	(3.4)	5.7	(3.5)	9.8	(0.3)	13.2	(2.2)	-3.4	(2.2)	21.3	(0.4)	23.6	(3.4)	-2.3	(3.5)
	Denmark	67.4	(0.5)	56.9	(1.8)	**10.5**	(1.8)	12.7	(0.3)	17.1	(1.0)	**-4.4**	(1.0)	19.8	(0.3)	26.0	(1.3)	**-6.2**	(1.3)
	Finland	71.1	(0.4)	65.2	(3.3)	5.9	(3.2)	5.8	(0.2)	9.4	(2.0)	-3.6	(1.9)	23.1	(0.3)	25.3	(2.7)	-2.3	(2.7)
	France	63.6	(0.5)	58.7	(1.1)	**4.9**	(1.1)	10.4	(0.3)	13.5	(0.9)	**-3.1**	(0.9)	26.1	(0.4)	27.8	(0.8)	**-1.7**	(0.8)
	Germany	58.9	(0.5)	53.3	(1.2)	**5.6**	(1.2)	8.0	(0.3)	11.4	(1.0)	**-3.5**	(1.0)	33.2	(0.4)	35.3	(0.9)	**-2.1**	(0.9)
	Greece	48.4	(0.6)	50.3	(2.1)	-1.9	(2.1)	26.3	(0.5)	23.6	(1.8)	2.7	(1.9)	25.3	(0.4)	26.1	(1.7)	-0.8	(1.7)
	Hungary	51.6	(0.5)	50.6	(2.8)	1.1	(2.7)	17.9	(0.5)	13.9	(2.1)	3.9	(2.1)	30.5	(0.4)	35.5	(2.7)	-5.0	(2.7)
	Iceland	70.3	(0.3)	60.2	(3.2)	**10.1**	(3.1)	4.9	(0.2)	12.2	(2.6)	**-7.3**	(2.6)	24.8	(0.3)	27.6	(2.5)	-2.8	(2.5)
	Ireland	66.5	(0.4)	61.7	(1.6)	**4.8**	(1.5)	6.0	(0.3)	7.6	(0.9)	-1.6	(1.0)	27.4	(0.3)	30.6	(1.3)	**-3.2**	(1.3)
	Italy	54.2	(0.3)	53.1	(1.4)	1.1	(1.3)	8.9	(0.2)	12.3	(1.5)	**-3.4**	(1.5)	36.9	(0.2)	34.6	(1.2)	2.3	(1.2)
	Japan	78.4	(0.4)	c	c	c	c	5.2	(0.2)	c	c	c	c	16.5	(0.4)	c	c	c	c
	Korea	67.5	(0.6)	c	c	c	c	13.8	(0.4)	c	c	c	c	18.7	(0.4)	c	c	c	c
	Luxembourg	61.5	(0.5)	57.1	(0.8)	**4.4**	(1.1)	8.6	(0.3)	12.4	(0.6)	**-3.8**	(0.6)	29.9	(0.5)	30.5	(0.6)	-0.6	(0.8)
	Mexico	48.9	(0.4)	41.2	(2.4)	**7.8**	(2.4)	14.6	(0.3)	21.8	(3.1)	**-7.3**	(3.0)	36.5	(0.4)	37.0	(2.4)	-0.5	(2.4)
	Netherlands	57.7	(0.6)	47.0	(1.5)	**10.7**	(1.6)	11.9	(0.4)	18.2	(1.1)	**-6.3**	(1.3)	30.4	(0.4)	34.8	(1.5)	**-4.4**	(1.6)
	New Zealand	75.4	(0.4)	64.9	(0.8)	**10.5**	(0.9)	5.1	(0.2)	9.7	(0.6)	**-4.6**	(0.7)	19.5	(0.3)	25.4	(0.5)	**-5.9**	(0.6)
	Norway	60.1	(0.5)	52.7	(1.5)	**7.5**	(1.5)	16.6	(0.3)	20.3	(1.0)	**-3.8**	(1.0)	23.3	(0.3)	27.0	(1.0)	**-3.7**	(1.1)
	Poland	53.2	(0.4)	c	c	c	c	10.2	(0.3)	c	c	c	c	36.5	(0.4)	c	c	c	c
	Portugal	54.9	(0.5)	50.5	(2.2)	**4.4**	(2.3)	9.3	(0.3)	9.5	(1.0)	-0.3	(1.0)	35.8	(0.4)	40.0	(2.0)	-4.2	(2.1)
	Slovak Republic	58.8	(0.6)	c	c	c	c	11.7	(0.4)	c	c	c	c	29.5	(0.4)	c	c	c	c
	Spain	59.3	(0.4)	56.5	(1.6)	2.8	(1.6)	10.6	(0.3)	10.7	(0.8)	**-0.0**	(0.9)	30.1	(0.3)	32.8	(1.4)	**-2.7**	(1.3)
	Sweden	67.6	(0.6)	59.4	(1.1)	**8.2**	(1.2)	8.7	(0.2)	12.4	(0.7)	**-3.7**	(0.8)	23.6	(0.5)	28.1	(0.8)	**-4.5**	(0.9)
	Switzerland	63.5	(0.4)	57.4	(0.8)	**6.1**	(0.8)	7.6	(0.2)	10.6	(0.5)	**-3.1**	(0.6)	28.9	(0.3)	31.9	(0.8)	**-3.0**	(0.8)
	Turkey	51.1	(0.6)	56.9	(4.6)	-5.7	(4.5)	21.0	(0.4)	16.7	(3.6)	4.3	(3.6)	27.9	(0.5)	26.4	(2.9)	1.5	(3.0)
	United Kingdom	71.8	(0.3)	61.4	(1.0)	**10.4**	(1.0)	6.1	(0.2)	12.5	(0.9)	**-6.4**	(0.9)	22.1	(0.3)	26.1	(0.7)	**-4.0**	(0.7)
	United States	59.4	(0.5)	54.9	(0.9)	**4.5**	(1.0)	12.0	(0.4)	14.4	(0.7)	**-2.5**	(0.8)	28.6	(0.3)	30.7	(0.6)	**-2.1**	(0.6)
	OECD average	62.7	(0.1)	56.8	(0.4)	**5.6**	(0.4)	10.2	(0.1)	13.1	(0.3)	**-2.8**	(0.3)	27.1	(0.1)	30.2	(0.3)	**-2.8**	(0.3)
PARTNERS	Argentina	53.2	(0.8)	51.8	(3.3)	1.4	(3.3)	9.6	(0.4)	11.0	(3.2)	-1.4	(3.1)	37.3	(0.7)	37.2	(2.3)	0.0	(2.4)
	Azerbaijan	43.1	(0.6)	43.9	(3.9)	-0.8	(3.9)	19.3	(0.4)	20.3	(2.2)	-1.0	(2.1)	37.6	(0.4)	35.8	(3.1)	1.8	(3.2)
	Brazil	50.5	(0.4)	46.5	(3.0)	4.0	(2.9)	13.9	(0.3)	19.0	(2.3)	-5.0	(2.3)	35.5	(0.4)	34.5	(2.9)	1.0	(2.9)
	Bulgaria	49.1	(0.7)	c	c	c	c	16.1	(0.6)	c	c	c	c	34.8	(0.4)	c	c	c	c
	Chile	49.2	(0.6)	c	c	c	c	16.2	(0.4)	c	c	c	c	34.6	(0.4)	c	c	c	c
	Colombia	59.1	(0.6)	c	c	c	c	13.0	(0.3)	c	c	c	c	28.0	(0.4)	c	c	c	c
	Croatia	54.8	(0.5)	52.6	(1.4)	2.3	(1.4)	9.6	(0.4)	11.1	(0.9)	-1.5	(0.9)	35.6	(0.5)	36.3	(1.2)	-0.8	(1.2)
	Estonia	62.2	(0.5)	57.3	(1.2)	**5.0**	(1.2)	12.1	(0.3)	15.1	(1.1)	**-3.0**	(1.1)	25.7	(0.3)	27.6	(0.9)	**-2.0**	(1.0)
	Hong Kong-China	59.5	(0.6)	62.8	(0.9)	**-3.4**	(1.1)	15.7	(0.4)	11.7	(0.6)	**4.0**	(0.6)	24.8	(0.5)	25.4	(0.6)	-0.6	(0.7)
	Indonesia	54.8	(0.9)	38.5	(7.8)	**16.3**	(7.8)	15.4	(0.6)	18.8	(2.5)	-3.4	(2.6)	29.8	(0.4)	42.7	(6.4)	**-12.9**	(6.4)
	Israel	54.9	(0.8)	55.6	(1.2)	-0.7	(1.4)	17.9	(0.5)	18.0	(0.7)	-0.1	(0.9)	27.2	(0.6)	26.4	(1.0)	0.8	(1.0)
	Jordan	43.4	(0.6)	42.5	(1.0)	0.8	(1.2)	20.1	(0.4)	19.7	(0.9)	0.4	(1.0)	36.5	(0.4)	37.8	(0.8)	-1.2	(0.9)
	Kyrgyzstan	35.5	(0.6)	45.6	(3.7)	**-10.1**	(3.7)	25.7	(0.6)	19.2	(2.6)	**6.5**	(2.6)	38.8	(0.4)	35.2	(2.9)	3.6	(3.0)
	Latvia	56.3	(0.5)	53.1	(1.2)	**3.2**	(1.2)	10.2	(0.3)	13.3	(0.9)	**-3.1**	(0.9)	33.4	(0.4)	33.5	(1.2)	-0.1	(1.2)
	Liechtenstein	62.5	(1.6)	60.9	(2.8)	1.6	(3.2)	8.7	(1.0)	12.6	(2.0)	-3.9	(2.2)	28.8	(1.5)	26.5	(2.0)	2.3	(2.3)
	Lithuania	57.2	(0.5)	58.2	(2.7)	-1.0	(2.6)	9.9	(0.3)	9.7	(1.5)	0.2	(1.6)	32.8	(0.3)	32.1	(2.2)	0.7	(2.2)
	Macao-China	63.3	(0.8)	65.4	(0.5)	**-2.1**	(0.9)	15.1	(0.6)	14.1	(0.4)	1.0	(0.7)	21.5	(0.6)	20.4	(0.4)	1.1	(0.6)
	Montenegro	47.1	(0.4)	45.4	(2.0)	1.7	(2.0)	16.1	(0.3)	13.2	(1.4)	**2.9**	(1.4)	36.8	(0.5)	41.4	(1.7)	**-4.6**	(1.7)
	Qatar	38.7	(0.5)	44.6	(0.5)	**-5.9**	(0.7)	26.6	(0.4)	21.5	(0.5)	**5.1**	(0.7)	34.7	(0.4)	33.8	(0.5)	0.9	(0.6)
	Romania	48.1	(0.6)	c	c	c	c	19.5	(0.5)	c	c	c	c	32.4	(0.5)	c	c	c	c
	Russian Federation	48.6	(0.5)	48.9	(1.1)	-0.3	(1.2)	14.9	(0.5)	14.9	(1.0)	0.1	(1.0)	36.4	(0.5)	36.2	(1.0)	0.2	(1.0)
	Serbia	56.9	(0.6)	57.2	(1.3)	-0.3	(1.5)	13.3	(0.4)	13.4	(1.0)	-0.1	(1.0)	29.8	(0.5)	29.4	(1.2)	0.4	(1.3)
	Slovenia	55.7	(0.4)	56.1	(1.3)	-0.4	(1.4)	13.0	(0.3)	14.0	(0.9)	-0.9	(1.0)	31.3	(0.4)	30.0	(1.0)	1.3	(1.1)
	Chinese Taipei	63.7	(0.3)	61.4	(5.1)	2.3	(5.1)	12.2	(0.2)	18.3	(3.5)	-6.1	(3.5)	24.1	(0.3)	20.3	(3.3)	3.8	(3.3)
	Thailand	63.9	(0.4)	c	c	c	c	9.9	(0.3)	c	c	c	c	26.2	(0.3)	c	c	c	c
	Tunisia	37.5	(0.4)	28.9	(4.3)	8.6	(4.2)	25.8	(0.4)	27.6	(3.4)	-1.8	(3.4)	36.8	(0.4)	43.5	(4.1)	-6.8	(4.1)
	Uruguay	56.4	(0.5)	c	c	c	c	11.7	(0.3)	c	c	c	c	31.9	(0.4)	c	c	c	c

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



[Part 1/3]
Table 3.8b Mean learning hours and allocation of total learning time in mathematics, by immigrant status

		Mean learning hours per week											
		Regular school lessons						Out-of-school-time lessons					
		Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	4.04	(0.03)	4.31	(0.05)	**-0.27**	(0.05)	0.63	(0.01)	1.13	(0.05)	**-0.50**	(0.05)
	Austria	3.21	(0.05)	3.31	(0.10)	-0.10	(0.10)	0.47	(0.02)	0.77	(0.07)	**-0.30**	(0.08)
	Belgium	3.61	(0.04)	3.38	(0.10)	**0.23**	(0.11)	0.52	(0.01)	0.79	(0.06)	**-0.27**	(0.06)
	Canada	4.52	(0.04)	4.50	(0.07)	0.02	(0.07)	0.83	(0.02)	1.30	(0.05)	**-0.47**	(0.05)
	Czech Republic	4.00	(0.05)	3.98	(0.19)	0.02	(0.20)	0.75	(0.02)	0.82	(0.17)	-0.06	(0.18)
	Denmark	4.44	(0.03)	4.39	(0.10)	0.05	(0.10)	1.32	(0.03)	1.84	(0.10)	**-0.52**	(0.10)
	Finland	3.46	(0.04)	3.11	(0.17)	**0.35**	(0.17)	0.36	(0.02)	0.76	(0.17)	**-0.40**	(0.17)
	France	3.87	(0.03)	3.66	(0.09)	**0.21**	(0.09)	0.89	(0.02)	1.19	(0.06)	**-0.30**	(0.07)
	Germany	3.86	(0.04)	4.02	(0.08)	**-0.16**	(0.08)	0.74	(0.02)	1.19	(0.09)	**-0.45**	(0.09)
	Greece	3.48	(0.05)	3.20	(0.14)	**0.28**	(0.14)	2.31	(0.06)	1.31	(0.10)	**1.00**	(0.12)
	Hungary	3.29	(0.04)	3.44	(0.26)	-0.15	(0.26)	1.28	(0.03)	1.38	(0.25)	-0.10	(0.26)
	Iceland	4.74	(0.02)	4.66	(0.25)	0.08	(0.25)	0.71	(0.02)	1.09	(0.17)	**-0.38**	(0.17)
	Ireland	3.64	(0.03)	3.80	(0.11)	-0.15	(0.11)	0.70	(0.02)	0.93	(0.12)	-0.23	(0.12)
	Italy	3.76	(0.03)	3.63	(0.11)	0.13	(0.11)	0.88	(0.02)	1.02	(0.07)	-0.14	(0.07)
	Japan	4.24	(0.07)	c	c	c	c	0.71	(0.03)	c	c	c	c
	Korea	4.71	(0.04)	c	c	c	c	2.28	(0.04)	c	c	c	c
	Luxembourg	3.90	(0.03)	3.78	(0.05)	**0.12**	(0.05)	0.77	(0.02)	0.94	(0.04)	**-0.18**	(0.04)
	Mexico	4.01	(0.03)	2.89	(0.33)	**1.12**	(0.33)	1.16	(0.03)	1.43	(0.18)	-0.26	(0.18)
	Netherlands	2.87	(0.03)	2.90	(0.10)	-0.02	(0.10)	0.64	(0.02)	1.04	(0.06)	**-0.40**	(0.06)
	New Zealand	4.40	(0.03)	4.34	(0.07)	0.06	(0.07)	0.55	(0.02)	1.15	(0.05)	**-0.60**	(0.06)
	Norway	3.39	(0.03)	3.44	(0.09)	-0.05	(0.09)	1.02	(0.02)	1.42	(0.09)	**-0.40**	(0.09)
	Poland	4.36	(0.04)	c	c	c	c	0.77	(0.02)	c	c	c	c
	Portugal	3.64	(0.04)	3.37	(0.11)	**0.26**	(0.12)	0.81	(0.02)	0.87	(0.08)	-0.06	(0.08)
	Slovak Republic	3.28	(0.05)	c	c	c	c	0.88	(0.03)	c	c	c	c
	Spain	3.44	(0.03)	3.23	(0.10)	**0.21**	(0.10)	1.00	(0.02)	0.89	(0.08)	0.10	(0.09)
	Sweden	3.09	(0.02)	3.16	(0.08)	-0.08	(0.07)	0.56	(0.01)	1.00	(0.07)	**-0.44**	(0.07)
	Switzerland	3.85	(0.04)	3.88	(0.05)	-0.03	(0.06)	0.62	(0.02)	0.96	(0.05)	**-0.34**	(0.05)
	Turkey	3.84	(0.06)	3.42	(0.36)	0.42	(0.36)	2.09	(0.05)	1.67	(0.49)	0.42	(0.50)
	United Kingdom	3.77	(0.03)	3.88	(0.10)	-0.10	(0.10)	0.57	(0.01)	1.24	(0.07)	**-0.67**	(0.07)
	United States	3.84	(0.05)	3.49	(0.07)	**0.35**	(0.08)	1.10	(0.03)	1.35	(0.06)	**-0.25**	(0.07)
	OECD average	3.82	(0.01)	3.66	(0.03)	**0.11**	(0.03)	0.93	(0.00)	1.13	(0.03)	**-0.24**	(0.03)
Partners	Argentina	2.96	(0.06)	2.80	(0.25)	0.16	(0.25)	0.78	(0.04)	0.48	(0.08)	**0.30**	(0.09)
	Azerbaijan	3.81	(0.06)	3.76	(0.27)	0.05	(0.27)	1.69	(0.05)	1.85	(0.24)	-0.16	(0.23)
	Brazil	3.18	(0.04)	2.50	(0.20)	**0.67**	(0.20)	1.20	(0.03)	1.20	(0.16)	0.01	(0.16)
	Bulgaria	2.99	(0.07)	c	c	c	c	1.12	(0.04)	c	c	c	c
	Chile	3.50	(0.06)	c	c	c	c	0.99	(0.03)	c	c	c	c
	Colombia	4.24	(0.06)	c	c	c	c	1.22	(0.03)	c	c	c	c
	Croatia	3.04	(0.04)	3.10	(0.07)	-0.05	(0.08)	0.75	(0.02)	0.80	(0.06)	-0.05	(0.06)
	Estonia	4.21	(0.04)	4.21	(0.10)	-0.01	(0.10)	0.98	(0.03)	1.08	(0.05)	-0.10	(0.06)
	Hong Kong-China	5.22	(0.05)	5.25	(0.05)	-0.02	(0.05)	1.56	(0.04)	1.18	(0.05)	**0.37**	(0.06)
	Indonesia	4.10	(0.07)	3.09	(0.54)	1.01	(0.54)	1.36	(0.05)	1.31	(0.33)	0.05	(0.33)
	Israel	4.09	(0.04)	4.36	(0.07)	**-0.27**	(0.08)	2.11	(0.05)	2.29	(0.07)	**-0.18**	(0.08)
	Jordan	3.48	(0.05)	3.62	(0.09)	-0.14	(0.11)	1.81	(0.04)	1.84	(0.07)	-0.03	(0.08)
	Kyrgyzstan	2.88	(0.05)	3.42	(0.20)	**-0.53**	(0.19)	1.55	(0.04)	1.56	(0.26)	-0.01	(0.25)
	Latvia	4.51	(0.04)	4.39	(0.10)	0.12	(0.10)	1.19	(0.04)	1.30	(0.07)	-0.10	(0.08)
	Liechtenstein	4.05	(0.10)	3.81	(0.14)	0.25	(0.16)	0.51	(0.06)	0.70	(0.10)	-0.19	(0.13)
	Lithuania	3.51	(0.04)	3.72	(0.18)	-0.21	(0.18)	0.74	(0.02)	0.71	(0.12)	0.03	(0.13)
	Macao-China	5.39	(0.06)	5.44	(0.03)	-0.05	(0.07)	1.27	(0.05)	1.18	(0.03)	0.09	(0.06)
	Montenegro	3.10	(0.04)	2.99	(0.14)	0.11	(0.15)	0.92	(0.02)	0.86	(0.12)	0.06	(0.12)
	Qatar	2.84	(0.04)	3.51	(0.04)	**-0.66**	(0.06)	1.90	(0.04)	1.73	(0.04)	**0.17**	(0.06)
	Romania	3.01	(0.07)	c	c	c	c	1.50	(0.03)	c	c	c	c
	Russian Federation	3.65	(0.06)	3.56	(0.10)	0.09	(0.11)	1.14	(0.03)	1.06	(0.07)	0.08	(0.07)
	Serbia	3.27	(0.04)	3.35	(0.09)	-0.08	(0.09)	0.97	(0.03)	1.02	(0.08)	-0.06	(0.09)
	Slovenia	3.34	(0.03)	3.18	(0.08)	0.17	(0.09)	1.01	(0.02)	1.11	(0.07)	-0.10	(0.08)
	Chinese Taipei	4.28	(0.05)	3.29	(0.41)	**0.99**	(0.40)	1.54	(0.03)	1.51	(0.29)	0.02	(0.29)
	Thailand	3.79	(0.03)	c	c	c	c	0.92	(0.03)	c	c	c	c
	Tunisia	3.41	(0.04)	3.18	(0.31)	0.22	(0.32)	2.42	(0.04)	2.44	(0.22)	-0.02	(0.23)
	Uruguay	3.33	(0.03)	c	c	c	c	0.83	(0.03)	c	c	c	c

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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[Part 2/3]
Table 3.8b Mean learning hours and allocation of total learning time in mathematics, by immigrant status

		Mean learning hours per week											
		Individual study						Total learning hours					
		Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	1.64	(0.02)	2.33	(0.05)	**-0.69**	(0.05)	6.32	(0.04)	7.79	(0.12)	**-1.47**	(0.13)
	Austria	2.08	(0.04)	2.44	(0.09)	**-0.36**	(0.10)	5.77	(0.09)	6.57	(0.20)	**-0.80**	(0.21)
	Belgium	1.81	(0.03)	1.71	(0.07)	0.09	(0.07)	5.96	(0.06)	5.86	(0.18)	0.10	(0.18)
	Canada	1.84	(0.02)	2.47	(0.08)	**-0.63**	(0.08)	7.23	(0.06)	8.27	(0.17)	**-1.03**	(0.17)
	Czech Republic	1.31	(0.03)	1.58	(0.20)	-0.28	(0.20)	6.05	(0.08)	6.38	(0.41)	-0.33	(0.42)
	Denmark	1.72	(0.03)	2.05	(0.09)	**-0.33**	(0.10)	7.47	(0.06)	8.18	(0.21)	**-0.71**	(0.21)
	Finland	1.20	(0.02)	1.40	(0.13)	-0.21	(0.12)	5.02	(0.06)	5.27	(0.26)	-0.26	(0.26)
	France	1.73	(0.03)	1.85	(0.09)	-0.12	(0.10)	6.49	(0.06)	6.68	(0.18)	-0.19	(0.18)
	Germany	2.23	(0.04)	2.52	(0.08)	**-0.29**	(0.09)	6.86	(0.07)	7.71	(0.19)	**-0.86**	(0.19)
	Greece	2.02	(0.04)	1.75	(0.10)	**0.27**	(0.11)	7.83	(0.10)	6.25	(0.27)	**1.58**	(0.29)
	Hungary	1.84	(0.03)	1.74	(0.18)	0.10	(0.19)	6.41	(0.09)	6.60	(0.51)	-0.18	(0.51)
	Iceland	1.71	(0.02)	1.85	(0.23)	-0.14	(0.23)	7.16	(0.05)	7.63	(0.41)	-0.47	(0.41)
	Ireland	1.74	(0.03)	2.06	(0.12)	**-0.31**	(0.12)	6.09	(0.07)	6.78	(0.26)	**-0.69**	(0.26)
	Italy	2.49	(0.04)	2.49	(0.11)	0.00	(0.12)	7.14	(0.07)	7.14	(0.19)	0.00	(0.20)
	Japan	1.48	(0.06)	c	c	c	c	6.43	(0.13)	c	c	c	c
	Korea	2.32	(0.07)	c	c	c	c	9.34	(0.13)	c	c	c	c
	Luxembourg	1.72	(0.03)	1.68	(0.04)	0.04	(0.05)	6.41	(0.06)	6.44	(0.08)	-0.03	(0.10)
	Mexico	2.25	(0.03)	2.40	(0.24)	-0.14	(0.24)	7.39	(0.06)	6.59	(0.52)	0.80	(0.51)
	Netherlands	1.43	(0.03)	1.77	(0.08)	**-0.33**	(0.08)	4.94	(0.07)	5.64	(0.20)	**-0.70**	(0.20)
	New Zealand	1.45	(0.03)	2.12	(0.06)	**-0.68**	(0.07)	6.41	(0.05)	7.61	(0.12)	**-1.21**	(0.14)
	Norway	1.37	(0.03)	1.82	(0.11)	**-0.44**	(0.11)	5.78	(0.06)	6.70	(0.21)	**-0.92**	(0.20)
	Poland	2.10	(0.03)	c	c	c	c	7.24	(0.06)	c	c	c	c
	Portugal	1.95	(0.03)	2.11	(0.12)	-0.16	(0.12)	6.39	(0.07)	6.32	(0.24)	0.07	(0.24)
	Slovak Republic	1.69	(0.03)	c	c	c	c	5.87	(0.10)	c	c	c	c
	Spain	1.96	(0.03)	2.00	(0.12)	-0.04	(0.12)	6.44	(0.06)	6.12	(0.18)	0.31	(0.18)
	Sweden	1.12	(0.02)	1.65	(0.08)	**-0.53**	(0.09)	4.77	(0.04)	5.86	(0.15)	**-1.10**	(0.15)
	Switzerland	1.64	(0.03)	1.85	(0.04)	**-0.22**	(0.05)	6.13	(0.07)	6.71	(0.09)	**-0.58**	(0.12)
	Turkey	2.32	(0.05)	1.85	(0.37)	0.47	(0.38)	8.21	(0.14)	6.88	(1.23)	1.33	(1.25)
	United Kingdom	1.44	(0.02)	1.97	(0.05)	**-0.52**	(0.06)	5.79	(0.05)	7.07	(0.12)	**-1.29**	(0.13)
	United States	2.04	(0.03)	2.09	(0.07)	-0.05	(0.09)	7.03	(0.07)	6.95	(0.16)	0.08	(0.18)
	OECD average	1.79	(0.01)	1.98	(0.03)	**-0.21**	(0.03)	6.55	(0.01)	6.77	(0.07)	**-0.33**	(0.07)
Partners	Argentina	1.83	(0.04)	1.55	(0.13)	0.28	(0.14)	5.58	(0.11)	4.89	(0.38)	0.69	(0.40)
	Azerbaijan	2.96	(0.07)	3.08	(0.19)	-0.12	(0.19)	8.51	(0.14)	8.75	(0.52)	-0.23	(0.50)
	Brazil	1.80	(0.03)	1.81	(0.17)	-0.02	(0.17)	6.16	(0.07)	5.59	(0.35)	0.57	(0.35)
	Bulgaria	2.08	(0.07)	c	c	c	c	6.23	(0.15)	c	c	c	c
	Chile	1.60	(0.03)	c	c	c	c	6.13	(0.10)	c	c	c	c
	Colombia	1.93	(0.03)	c	c	c	c	7.39	(0.08)	c	c	c	c
	Croatia	1.79	(0.03)	1.88	(0.08)	-0.09	(0.09)	5.62	(0.06)	5.82	(0.16)	-0.20	(0.17)
	Estonia	1.94	(0.03)	2.11	(0.10)	-0.17	(0.10)	7.13	(0.07)	7.42	(0.16)	-0.30	(0.18)
	Hong Kong-China	2.28	(0.05)	2.19	(0.05)	0.09	(0.06)	9.06	(0.09)	8.63	(0.11)	**0.43**	(0.11)
	Indonesia	1.99	(0.03)	1.81	(0.23)	0.19	(0.23)	7.45	(0.10)	6.30	(0.55)	**1.15**	(0.56)
	Israel	2.32	(0.06)	2.36	(0.08)	-0.05	(0.09)	8.60	(0.13)	9.10	(0.18)	**-0.50**	(0.20)
	Jordan	2.68	(0.04)	2.79	(0.10)	-0.11	(0.11)	7.96	(0.09)	8.17	(0.18)	-0.21	(0.21)
	Kyrgyzstan	2.22	(0.03)	2.35	(0.21)	-0.13	(0.21)	6.71	(0.09)	7.32	(0.59)	-0.61	(0.57)
	Latvia	2.45	(0.04)	2.35	(0.10)	0.10	(0.10)	8.16	(0.09)	8.04	(0.17)	0.12	(0.21)
	Liechtenstein	1.45	(0.07)	1.54	(0.10)	-0.08	(0.12)	6.01	(0.15)	6.02	(0.22)	-0.00	(0.27)
	Lithuania	1.78	(0.03)	1.91	(0.16)	-0.13	(0.16)	6.02	(0.05)	6.35	(0.28)	-0.32	(0.28)
	Macao-China	2.16	(0.06)	2.04	(0.03)	0.12	(0.07)	8.83	(0.13)	8.65	(0.06)	0.17	(0.14)
	Montenegro	2.02	(0.03)	2.21	(0.14)	-0.19	(0.14)	6.02	(0.07)	6.03	(0.28)	-0.01	(0.28)
	Qatar	2.05	(0.03)	2.46	(0.04)	**-0.41**	(0.06)	6.82	(0.08)	7.74	(0.10)	**-0.92**	(0.14)
	Romania	2.16	(0.04)	c	c	c	c	6.67	(0.11)	c	c	c	c
	Russian Federation	2.22	(0.05)	2.23	(0.11)	-0.01	(0.11)	7.01	(0.10)	6.84	(0.23)	0.17	(0.24)
	Serbia	1.81	(0.03)	1.85	(0.10)	-0.04	(0.11)	6.05	(0.08)	6.24	(0.18)	-0.20	(0.20)
	Slovenia	1.93	(0.02)	1.87	(0.09)	0.06	(0.10)	6.30	(0.05)	6.18	(0.19)	0.12	(0.20)
	Chinese Taipei	1.89	(0.04)	1.73	(0.22)	0.16	(0.22)	7.76	(0.11)	6.58	(0.75)	1.18	(0.74)
	Thailand	1.82	(0.03)	c	c	c	c	6.52	(0.07)	c	c	c	c
	Tunisia	2.56	(0.04)	2.13	(0.42)	0.43	(0.43)	8.39	(0.10)	7.73	(0.63)	0.66	(0.64)
	Uruguay	1.57	(0.03)	c	c	c	c	5.75	(0.07)	c	c	c	c

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



[Part 3/3]

Table 3.8b Mean learning hours and allocation of total learning time in mathematics, by immigrant status

		Allocation of total learning time in mathematics for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	67.6	(0.3)	59.7	(0.5)	**7.9**	(0.5)	8.4	(0.2)	12.2	(0.4)	**-3.8**	(0.4)	24.0	(0.2)	28.2	(0.4)	-4.1	(0.4)
	Austria	59.2	(0.5)	54.4	(0.9)	**4.8**	(1.0)	6.2	(0.3)	9.3	(0.7)	**-3.1**	(0.8)	34.6	(0.4)	36.3	(0.9)	-1.6	(0.9)
	Belgium	63.5	(0.3)	60.3	(0.8)	**3.2**	(0.9)	7.4	(0.2)	11.7	(0.9)	**-4.3**	(0.9)	29.1	(0.3)	27.9	(0.6)	1.2	(0.5)
	Canada	65.2	(0.3)	57.2	(0.7)	**8.0**	(0.7)	10.5	(0.2)	14.3	(0.4)	**-3.9**	(0.4)	24.3	(0.2)	28.5	(0.5)	-4.2	(0.6)
	Czech Republic	70.5	(0.4)	67.1	(2.6)	3.4	(2.6)	9.8	(0.2)	9.8	(1.6)	-0.0	(1.7)	19.8	(0.3)	23.1	(2.4)	-3.4	(2.3)
	Denmark	62.8	(0.3)	56.7	(1.2)	**6.1**	(1.2)	15.7	(0.3)	20.0	(0.8)	**-4.4**	(0.8)	21.5	(0.2)	23.3	(0.7)	-1.7	(0.8)
	Finland	71.4	(0.3)	61.8	(2.5)	**9.6**	(2.4)	5.8	(0.2)	11.6	(2.4)	**-5.8**	(2.4)	22.9	(0.2)	26.6	(2.2)	-3.8	(2.1)
	France	63.2	(0.4)	58.2	(0.9)	**5.0**	(1.0)	12.1	(0.3)	16.3	(0.8)	**-4.2**	(0.9)	24.7	(0.3)	25.5	(0.8)	-0.8	(0.8)
	Germany	59.1	(0.3)	55.0	(1.0)	**4.1**	(1.1)	9.0	(0.3)	13.4	(0.9)	**-4.4**	(0.9)	31.9	(0.3)	31.6	(0.6)	0.3	(0.7)
	Greece	49.0	(0.5)	55.0	(1.5)	**-6.0**	(1.5)	26.6	(0.5)	18.0	(1.2)	**8.6**	(1.3)	24.4	(0.4)	27.0	(1.1)	-2.6	(1.2)
	Hungary	54.4	(0.4)	54.5	(2.9)	-0.2	(3.0)	17.7	(0.3)	18.7	(2.6)	-1.1	(2.6)	28.0	(0.3)	26.7	(2.1)	1.2	(2.2)
	Iceland	69.6	(0.3)	63.5	(2.7)	**6.1**	(2.7)	8.3	(0.2)	14.2	(2.1)	**-5.9**	(2.1)	22.1	(0.2)	22.3	(2.0)	-0.2	(2.0)
	Ireland	63.8	(0.4)	60.5	(1.6)	**3.3**	(1.6)	9.4	(0.3)	10.5	(1.3)	-1.2	(1.4)	26.8	(0.3)	28.9	(1.2)	-2.1	(1.2)
	Italy	55.1	(0.2)	52.2	(1.3)	**2.9**	(1.3)	10.6	(0.2)	13.8	(1.3)	**-3.2**	(1.3)	34.3	(0.2)	34.0	(1.1)	0.3	(1.2)
	Japan	71.7	(0.5)	c	c	c	c	8.7	(0.3)	c	c	c	c	19.6	(0.4)	c	c	c	c
	Korea	56.9	(0.5)	c	c	c	c	20.9	(0.3)	c	c	c	c	22.2	(0.4)	c	c	c	c
	Luxembourg	64.4	(0.4)	61.5	(0.6)	**2.9**	(0.7)	10.0	(0.3)	12.9	(0.4)	**-2.9**	(0.5)	25.6	(0.3)	25.6	(0.4)	-0.0	(0.5)
	Mexico	55.2	(0.4)	41.6	(3.5)	**13.6**	(3.5)	14.1	(0.3)	19.8	(2.5)	**-5.7**	(2.4)	30.7	(0.3)	38.7	(2.9)	-7.9	(3.0)
	Netherlands	60.9	(0.4)	53.4	(1.1)	**7.5**	(1.2)	11.5	(0.3)	16.3	(1.0)	**-4.9**	(1.0)	27.6	(0.4)	30.2	(1.1)	-2.6	(1.1)
	New Zealand	72.0	(0.4)	60.9	(0.8)	**11.0**	(0.9)	7.2	(0.2)	13.1	(0.6)	**-5.9**	(0.6)	20.8	(0.3)	26.0	(0.5)	-5.1	(0.6)
	Norway	62.7	(0.4)	54.8	(1.4)	**7.9**	(1.5)	15.6	(0.3)	19.8	(0.9)	**-4.1**	(1.0)	21.7	(0.3)	25.4	(1.0)	-3.7	(1.0)
	Poland	62.5	(0.3)	c	c	c	c	10.0	(0.3)	c	c	c	c	27.5	(0.3)	c	c	c	c
	Portugal	59.1	(0.4)	57.5	(1.6)	1.6	(1.7)	11.5	(0.3)	12.3	(1.1)	-0.9	(1.1)	29.5	(0.4)	30.2	(1.3)	-0.7	(1.4)
	Slovak Republic	60.6	(0.5)	c	c	c	c	12.5	(0.3)	c	c	c	c	26.9	(0.3)	c	c	c	c
	Spain	57.9	(0.3)	56.1	(1.1)	1.7	(1.1)	13.0	(0.3)	12.6	(0.9)	0.4	(1.0)	29.1	(0.3)	31.3	(1.0)	-2.2	(1.1)
	Sweden	69.3	(0.5)	58.9	(1.1)	**10.4**	(1.2)	9.2	(0.2)	14.8	(0.9)	**-5.6**	(0.9)	21.5	(0.4)	26.3	(0.9)	-4.8	(1.0)
	Switzerland	64.5	(0.4)	60.5	(0.7)	**4.0**	(0.7)	8.8	(0.3)	12.1	(0.5)	**-3.3**	(0.5)	26.6	(0.2)	27.4	(0.5)	-0.7	(0.5)
	Turkey	50.6	(0.4)	53.8	(4.0)	-3.2	(4.0)	22.7	(0.4)	19.5	(3.9)	3.2	(3.9)	26.6	(0.3)	26.7	(1.5)	-0.1	(1.6)
	United Kingdom	68.1	(0.3)	58.0	(1.0)	**10.1**	(1.1)	8.2	(0.2)	15.0	(1.0)	**-6.8**	(1.0)	23.7	(0.2)	27.0	(0.6)	-3.3	(0.7)
	United States	56.2	(0.5)	52.0	(1.0)	**4.2**	(1.1)	14.7	(0.4)	18.1	(0.7)	**-3.4**	(0.7)	29.1	(0.3)	29.9	(0.8)	-0.8	(0.9)
	OECD average	62.2	(0.1)	57.1	(0.3)	**5.0**	(0.3)	11.9	(0.1)	14.6	(0.3)	**-2.9**	(0.3)	25.9	(0.1)	28.2	(0.3)	-2.1	(0.3)
Partners	Argentina	55.0	(0.6)	56.6	(2.3)	-1.7	(2.4)	12.4	(0.5)	9.3	(1.4)	**3.2**	(1.4)	32.6	(0.4)	34.1	(2.3)	-1.5	(2.3)
	Azerbaijan	47.2	(0.6)	46.7	(2.6)	0.6	(2.6)	18.6	(0.4)	19.4	(2.0)	-0.8	(2.0)	34.2	(0.5)	34.0	(1.7)	0.3	(1.7)
	Brazil	54.7	(0.5)	48.5	(2.7)	**6.2**	(2.8)	17.2	(0.4)	18.2	(2.3)	-1.1	(2.3)	28.1	(0.4)	33.3	(2.8)	-5.2	(2.8)
	Bulgaria	51.4	(0.5)	c	c	c	c	16.2	(0.5)	c	c	c	c	32.3	(0.5)	c	c	c	c
	Chile	57.0	(0.5)	c	c	c	c	15.1	(0.3)	c	c	c	c	27.9	(0.4)	c	c	c	c
	Colombia	61.0	(0.6)	c	c	c	c	14.1	(0.3)	c	c	c	c	25.0	(0.4)	c	c	c	c
	Croatia	58.5	(0.5)	58.4	(1.1)	0.1	(1.0)	11.4	(0.3)	11.1	(0.7)	**0.2**	(0.8)	30.2	(0.4)	30.5	(0.9)	-0.3	(1.0)
	Estonia	62.5	(0.4)	60.4	(1.0)	**2.1**	(1.0)	12.2	(0.3)	13.3	(0.7)	**-1.1**	(0.7)	25.3	(0.3)	26.4	(0.9)	-1.0	(1.0)
	Hong Kong-China	61.1	(0.5)	64.6	(0.6)	**-3.5**	(0.8)	15.5	(0.4)	12.2	(0.5)	**3.3**	(0.6)	23.4	(0.3)	23.3	(0.4)	0.2	(0.5)
	Indonesia	57.3	(0.6)	47.1	(8.7)	10.2	(8.7)	16.3	(0.5)	19.9	(5.1)	-3.6	(5.2)	26.5	(0.3)	33.0	(5.0)	-6.5	(5.0)
	Israel	51.8	(0.7)	51.7	(0.9)	0.1	(0.9)	22.8	(0.4)	23.5	(0.5)	-0.8	(0.6)	25.5	(0.5)	24.7	(0.6)	0.7	(0.6)
	Jordan	43.4	(0.6)	43.3	(1.2)	0.2	(1.3)	22.0	(0.5)	22.4	(0.9)	-0.3	(1.0)	34.5	(0.4)	34.4	(0.7)	0.1	(0.8)
	Kyrgyzstan	42.1	(0.5)	48.7	(3.0)	**-6.6**	(3.0)	24.1	(0.5)	19.6	(2.2)	**4.5**	(2.1)	33.9	(0.4)	31.7	(1.7)	2.2	(1.8)
	Latvia	58.4	(0.4)	56.9	(1.0)	1.5	(1.1)	13.2	(0.4)	15.6	(0.8)	**-2.3**	(0.9)	28.4	(0.3)	27.6	(0.9)	0.8	(0.9)
	Liechtenstein	67.9	(1.3)	64.7	(2.0)	3.3	(2.3)	7.3	(0.7)	10.5	(1.3)	**-3.2**	(1.6)	24.8	(1.1)	24.9	(1.3)	-0.1	(1.5)
	Lithuania	60.8	(0.4)	61.4	(2.1)	-0.6	(2.1)	11.4	(0.3)	10.3	(1.6)	1.2	(1.7)	27.8	(0.3)	28.3	(1.9)	-0.5	(1.9)
	Macao-China	65.4	(0.7)	66.7	(0.4)	-1.3	(0.8)	12.2	(0.4)	11.7	(0.3)	0.5	(0.4)	22.5	(0.6)	21.6	(0.3)	0.8	(0.6)
	Montenegro	52.8	(0.4)	49.7	(1.9)	3.1	(2.0)	13.3	(0.3)	13.4	(1.5)	-0.0	(1.5)	33.9	(0.4)	36.9	(1.7)	-3.0	(1.7)
	Qatar	41.5	(0.4)	46.1	(0.5)	**-4.7**	(0.7)	27.5	(0.4)	21.4	(0.4)	**6.1**	(0.7)	31.0	(0.4)	32.4	(0.4)	**-1.4**	(0.5)
	Romania	49.5	(0.6)	c	c	c	c	19.7	(0.4)	c	c	c	c	30.7	(0.4)	c	c	c	c
	Russian Federation	54.1	(0.5)	53.2	(1.3)	0.8	(1.2)	15.7	(0.6)	15.2	(0.9)	0.5	(0.8)	30.2	(0.4)	31.5	(0.9)	-1.3	(0.9)
	Serbia	59.3	(0.5)	59.2	(1.2)	0.2	(1.3)	13.0	(0.3)	12.8	(1.0)	0.2	(1.0)	27.7	(0.4)	28.0	(1.1)	-0.3	(1.1)
	Slovenia	55.9	(0.3)	53.0	(0.8)	**2.9**	(0.9)	14.0	(0.2)	16.7	(0.7)	**-2.7**	(0.8)	30.0	(0.3)	30.3	(0.8)	-0.2	(0.9)
	Chinese Taipei	59.8	(0.4)	53.4	(4.9)	6.4	(4.9)	16.9	(0.2)	18.5	(2.7)	-1.6	(2.7)	23.3	(0.2)	28.1	(4.1)	-4.8	(4.1)
	Thailand	63.4	(0.4)	c	c	c	c	10.6	(0.3)	c	c	c	c	26.0	(0.3)	c	c	c	c
	Tunisia	41.8	(0.4)	39.0	(4.2)	2.8	(4.3)	27.0	(0.3)	33.1	(2.4)	**-6.1**	(2.5)	31.1	(0.3)	27.9	(3.5)	3.2	(3.6)
	Uruguay	61.0	(0.4)	c	c	c	c	12.3	(0.3)	c	c	c	c	26.7	(0.3)	c	c	c	c

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.8c [Part 1/3] Mean learning hours and allocation of total learning time on the language of instruction, by immigrant status

		Mean learning hours per week											
		Regular school lessons						Out-of-school-time lessons					
		Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	4.02	(0.03)	4.22	(0.05)	**-0.19**	(0.06)	0.59	(0.01)	0.90	(0.04)	**-0.31**	(0.04)
	Austria	2.81	(0.03)	3.25	(0.12)	**-0.44**	(0.12)	0.20	(0.02)	0.49	(0.05)	**-0.30**	(0.04)
	Belgium	3.48	(0.03)	3.58	(0.10)	-0.11	(0.10)	0.41	(0.01)	0.77	(0.04)	**-0.37**	(0.05)
	Canada	4.47	(0.04)	4.34	(0.08)	0.13	(0.08)	0.79	(0.02)	1.12	(0.05)	**-0.33**	(0.05)
	Czech Republic	3.72	(0.03)	3.72	(0.17)	0.01	(0.16)	0.60	(0.01)	0.88	(0.18)	-0.28	(0.18)
	Denmark	5.52	(0.04)	5.33	(0.09)	**0.19**	(0.09)	1.65	(0.03)	2.14	(0.11)	**-0.50**	(0.11)
	Finland	3.14	(0.05)	2.90	(0.26)	0.24	(0.26)	0.36	(0.01)	0.75	(0.12)	**-0.40**	(0.12)
	France	4.04	(0.03)	3.86	(0.10)	0.18	(0.10)	0.73	(0.02)	1.05	(0.06)	**-0.33**	(0.06)
	Germany	3.63	(0.03)	3.83	(0.08)	**-0.19**	(0.08)	0.55	(0.02)	0.94	(0.07)	**-0.39**	(0.08)
	Greece	3.23	(0.04)	2.69	(0.14)	**0.54**	(0.13)	1.66	(0.04)	1.23	(0.11)	**0.43**	(0.11)
	Hungary	3.19	(0.04)	3.13	(0.23)	0.06	(0.23)	1.30	(0.03)	1.38	(0.24)	-0.07	(0.23)
	Iceland	4.52	(0.02)	4.29	(0.23)	0.23	(0.23)	0.45	(0.02)	0.85	(0.18)	**-0.39**	(0.18)
	Ireland	3.54	(0.03)	3.74	(0.11)	-0.20	(0.11)	0.61	(0.02)	0.98	(0.13)	**-0.38**	(0.13)
	Italy	4.64	(0.03)	4.33	(0.12)	**0.32**	(0.12)	0.77	(0.02)	1.15	(0.08)	**-0.38**	(0.09)
	Japan	3.82	(0.04)	c	c	c	c	0.43	(0.02)	c	c	c	c
	Korea	4.49	(0.04)	c	c	c	c	1.45	(0.04)	c	c	c	c
	Luxembourg	3.46	(0.03)	3.60	(0.04)	**-0.14**	(0.05)	0.48	(0.02)	0.80	(0.03)	**-0.32**	(0.04)
	Mexico	3.80	(0.04)	2.78	(0.28)	**1.02**	(0.29)	1.09	(0.03)	1.36	(0.21)	-0.27	(0.22)
	Netherlands	2.91	(0.03)	2.97	(0.09)	-0.05	(0.09)	0.58	(0.02)	1.12	(0.06)	**-0.54**	(0.07)
	New Zealand	4.42	(0.03)	4.29	(0.06)	0.13	(0.07)	0.55	(0.03)	1.00	(0.05)	**-0.45**	(0.06)
	Norway	3.60	(0.04)	3.60	(0.13)	0.01	(0.14)	1.12	(0.02)	1.59	(0.12)	**-0.46**	(0.12)
	Poland	4.65	(0.03)	c	c	c	c	0.70	(0.03)	c	c	c	c
	Portugal	3.29	(0.03)	3.10	(0.13)	0.20	(0.13)	0.55	(0.02)	0.79	(0.10)	**-0.24**	(0.10)
	Slovak Republic	3.12	(0.05)	c	c	c	c	0.88	(0.03)	c	c	c	c
	Spain	3.64	(0.03)	3.23	(0.11)	**0.41**	(0.11)	0.56	(0.02)	0.83	(0.09)	**-0.27**	(0.09)
	Sweden	3.12	(0.03)	3.13	(0.08)	-0.01	(0.08)	0.63	(0.02)	1.03	(0.07)	**-0.40**	(0.07)
	Switzerland	3.64	(0.04)	3.70	(0.05)	-0.06	(0.05)	0.39	(0.02)	0.79	(0.05)	**-0.40**	(0.05)
	Turkey	3.99	(0.05)	4.29	(0.24)	-0.30	(0.23)	1.82	(0.05)	1.62	(0.24)	0.20	(0.25)
	United Kingdom	3.89	(0.03)	3.95	(0.11)	-0.06	(0.11)	0.53	(0.01)	1.13	(0.10)	**-0.59**	(0.10)
	United States	3.71	(0.04)	3.37	(0.07)	**0.34**	(0.08)	1.07	(0.03)	1.26	(0.06)	**-0.19**	(0.07)
	OECD average	3.78	(0.01)	3.66	(0.03)	**0.09**	(0.03)	0.78	(0.00)	1.08	(0.02)	**-0.31**	(0.02)
Partners	Argentina	2.39	(0.05)	2.49	(0.21)	-0.11	(0.19)	0.42	(0.03)	0.43	(0.10)	-0.01	(0.10)
	Azerbaijan	3.70	(0.05)	4.06	(0.37)	-0.36	(0.37)	1.80	(0.05)	1.91	(0.18)	-0.12	(0.18)
	Brazil	3.13	(0.04)	2.64	(0.23)	**0.49**	(0.24)	1.18	(0.03)	1.15	(0.13)	0.02	(0.13)
	Bulgaria	2.93	(0.05)	c	c	c	c	1.08	(0.04)	c	c	c	c
	Chile	3.46	(0.06)	c	c	c	c	0.99	(0.03)	c	c	c	c
	Colombia	3.95	(0.05)	c	c	c	c	1.15	(0.03)	c	c	c	c
	Croatia	3.32	(0.04)	3.38	(0.07)	-0.05	(0.07)	0.38	(0.02)	0.38	(0.04)	-0.00	(0.05)
	Estonia	3.48	(0.04)	3.61	(0.09)	-0.13	(0.10)	0.86	(0.03)	0.99	(0.06)	**-0.12**	(0.06)
	Hong Kong-China	5.15	(0.05)	5.25	(0.05)	-0.10	(0.06)	0.82	(0.04)	0.79	(0.04)	0.03	(0.05)
	Indonesia	3.65	(0.05)	2.27	(0.32)	**1.37**	(0.31)	1.25	(0.04)	1.11	(0.25)	0.14	(0.24)
	Israel	3.07	(0.05)	2.91	(0.09)	0.16	(0.09)	1.32	(0.03)	1.27	(0.07)	0.05	(0.08)
	Jordan	3.59	(0.06)	3.66	(0.09)	-0.07	(0.11)	1.79	(0.04)	1.67	(0.08)	0.12	(0.08)
	Kyrgyzstan	2.76	(0.06)	2.99	(0.16)	-0.22	(0.17)	1.72	(0.03)	1.18	(0.14)	**0.54**	(0.15)
	Latvia	3.73	(0.04)	3.29	(0.10)	**0.45**	(0.11)	0.87	(0.04)	0.90	(0.06)	-0.02	(0.07)
	Liechtenstein	3.76	(0.10)	3.51	(0.16)	0.25	(0.19)	0.25	(0.04)	0.44	(0.07)	**-0.19**	(0.08)
	Lithuania	3.67	(0.04)	3.77	(0.16)	-0.10	(0.16)	0.65	(0.02)	0.80	(0.10)	-0.15	(0.10)
	Macao-China	5.28	(0.06)	5.35	(0.04)	-0.07	(0.07)	1.10	(0.05)	1.03	(0.03)	0.07	(0.06)
	Montenegro	2.95	(0.04)	2.80	(0.15)	0.15	(0.15)	0.74	(0.02)	0.72	(0.09)	0.02	(0.10)
	Qatar	2.68	(0.04)	3.22	(0.04)	**-0.54**	(0.06)	1.60	(0.03)	1.51	(0.04)	0.09	(0.05)
	Romania	3.30	(0.06)	c	c	c	c	1.52	(0.03)	c	c	c	c
	Russian Federation	2.02	(0.03)	2.26	(0.09)	**-0.24**	(0.09)	0.82	(0.03)	0.83	(0.06)	-0.02	(0.06)
	Serbia	3.18	(0.04)	3.13	(0.10)	0.06	(0.10)	0.93	(0.03)	0.82	(0.08)	0.11	(0.08)
	Slovenia	3.26	(0.03)	3.12	(0.09)	0.14	(0.10)	0.73	(0.02)	0.74	(0.05)	-0.01	(0.05)
	Chinese Taipei	4.39	(0.05)	3.48	(0.34)	**0.91**	(0.34)	0.69	(0.02)	0.77	(0.19)	-0.08	(0.19)
	Thailand	3.11	(0.02)	c	c	c	c	0.55	(0.02)	c	c	c	c
	Tunisia	3.15	(0.05)	2.91	(0.37)	0.24	(0.37)	1.78	(0.04)	1.98	(0.35)	-0.20	(0.36)
	Uruguay	2.76	(0.04)	c	c	c	c	0.64	(0.03)	c	c	c	c

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.8c [Part 2/3] Mean learning hours and allocation of total learning time on the language of instruction, by immigrant status

		Mean learning hours per week											
		Individual study						Total learning hours					
		Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	1.63	(0.02)	1.99	(0.05)	**-0.36**	(0.05)	6.24	(0.04)	7.09	(0.10)	**-0.85**	(0.11)
	Austria	1.45	(0.03)	2.12	(0.09)	**-0.67**	(0.09)	4.47	(0.06)	5.83	(0.21)	**-1.36**	(0.22)
	Belgium	1.33	(0.02)	1.47	(0.05)	**-0.14**	(0.05)	5.23	(0.04)	5.84	(0.14)	**-0.61**	(0.14)
	Canada	1.63	(0.02)	2.14	(0.07)	**-0.50**	(0.08)	6.93	(0.06)	7.58	(0.15)	**-0.65**	(0.15)
	Czech Republic	1.16	(0.02)	1.27	(0.16)	-0.11	(0.15)	5.48	(0.05)	5.87	(0.37)	-0.39	(0.37)
	Denmark	2.14	(0.03)	2.45	(0.09)	**-0.32**	(0.10)	9.30	(0.07)	9.85	(0.22)	**-0.55**	(0.21)
	Finland	1.13	(0.02)	1.22	(0.13)	-0.09	(0.13)	4.63	(0.07)	4.88	(0.35)	-0.25	(0.35)
	France	1.50	(0.02)	1.66	(0.07)	**-0.16**	(0.07)	6.28	(0.05)	6.58	(0.13)	**-0.30**	(0.13)
	Germany	1.86	(0.03)	2.09	(0.08)	**-0.23**	(0.08)	6.06	(0.05)	6.80	(0.17)	**-0.74**	(0.17)
	Greece	1.95	(0.03)	1.65	(0.10)	**0.31**	(0.10)	6.85	(0.08)	5.55	(0.28)	**1.30**	(0.29)
	Hungary	1.86	(0.03)	1.76	(0.18)	0.11	(0.18)	6.37	(0.08)	6.31	(0.52)	0.06	(0.51)
	Iceland	1.54	(0.02)	1.63	(0.20)	-0.08	(0.20)	6.52	(0.04)	6.81	(0.35)	-0.30	(0.35)
	Ireland	1.73	(0.03)	2.11	(0.12)	**-0.38**	(0.12)	5.88	(0.07)	6.84	(0.27)	**-0.96**	(0.29)
	Italy	2.96	(0.04)	2.78	(0.11)	0.17	(0.11)	8.38	(0.07)	8.23	(0.20)	0.15	(0.21)
	Japan	0.94	(0.03)	c	c	c	c	5.19	(0.07)	c	c	c	c
	Korea	1.41	(0.03)	c	c	c	c	7.36	(0.09)	c	c	c	c
	Luxembourg	1.31	(0.02)	1.51	(0.04)	**-0.21**	(0.05)	5.24	(0.05)	5.90	(0.07)	**-0.66**	(0.09)
	Mexico	2.06	(0.03)	2.19	(0.21)	-0.13	(0.21)	6.91	(0.07)	6.37	(0.30)	0.55	(0.31)
	Netherlands	1.29	(0.02)	1.63	(0.07)	**-0.34**	(0.07)	4.78	(0.04)	5.71	(0.18)	**-0.93**	(0.18)
	New Zealand	1.46	(0.03)	1.97	(0.05)	**-0.51**	(0.06)	6.44	(0.07)	7.25	(0.10)	**-0.80**	(0.13)
	Norway	1.42	(0.03)	1.90	(0.10)	**-0.48**	(0.10)	6.14	(0.06)	7.06	(0.25)	**-0.92**	(0.24)
	Poland	2.23	(0.03)	c	c	c	c	7.58	(0.05)	c	c	c	c
	Portugal	1.77	(0.03)	2.03	(0.13)	-0.26	(0.14)	5.61	(0.05)	5.95	(0.30)	-0.34	(0.31)
	Slovak Republic	1.74	(0.03)	c	c	c	c	5.75	(0.08)	c	c	c	c
	Spain	1.89	(0.03)	1.89	(0.09)	-0.01	(0.08)	6.11	(0.06)	5.95	(0.13)	0.17	(0.14)
	Sweden	1.23	(0.02)	1.47	(0.06)	**-0.23**	(0.06)	4.99	(0.05)	5.65	(0.15)	**-0.66**	(0.14)
	Switzerland	1.35	(0.02)	1.57	(0.04)	**-0.22**	(0.04)	5.38	(0.06)	6.09	(0.09)	**-0.71**	(0.10)
	Turkey	2.18	(0.05)	2.19	(0.25)	-0.01	(0.26)	7.97	(0.12)	8.16	(0.51)	-0.19	(0.54)
	United Kingdom	1.55	(0.02)	1.95	(0.09)	**-0.40**	(0.08)	5.99	(0.06)	7.01	(0.20)	**-1.03**	(0.19)
	United States	1.87	(0.04)	1.90	(0.08)	-0.04	(0.09)	6.69	(0.07)	6.54	(0.16)	0.15	(0.18)
	OECD average	1.65	(0.01)	1.87	(0.02)	**-0.20**	(0.02)	6.23	(0.01)	6.60	(0.05)	**-0.42**	(0.05)
Partners	Argentina	1.64	(0.04)	1.48	(0.12)	0.16	(0.13)	4.44	(0.08)	4.43	(0.33)	0.00	(0.31)
	Azerbaijan	3.11	(0.05)	3.28	(0.25)	-0.17	(0.26)	8.65	(0.11)	9.35	(0.69)	-0.70	(0.71)
	Brazil	1.75	(0.03)	1.49	(0.16)	0.26	(0.16)	6.04	(0.06)	5.34	(0.34)	**0.69**	(0.33)
	Bulgaria	2.05	(0.05)	c	c	c	c	6.09	(0.11)	c	c	c	c
	Chile	1.57	(0.03)	c	c	c	c	6.04	(0.08)	c	c	c	c
	Colombia	1.83	(0.04)	c	c	c	c	6.94	(0.08)	c	c	c	c
	Croatia	1.57	(0.03)	1.64	(0.07)	-0.07	(0.07)	5.30	(0.06)	5.43	(0.12)	-0.14	(0.12)
	Estonia	1.61	(0.03)	1.68	(0.09)	-0.07	(0.10)	5.95	(0.06)	6.29	(0.19)	-0.33	(0.20)
	Hong Kong-China	1.58	(0.04)	1.72	(0.05)	**-0.14**	(0.05)	7.55	(0.09)	7.77	(0.10)	**-0.21**	(0.10)
	Indonesia	1.80	(0.03)	1.88	(0.39)	-0.08	(0.39)	6.68	(0.10)	5.24	(0.76)	1.44	(0.74)
	Israel	1.67	(0.04)	1.61	(0.07)	0.06	(0.08)	6.08	(0.10)	5.80	(0.17)	0.28	(0.19)
	Jordan	2.60	(0.05)	2.53	(0.08)	0.07	(0.08)	7.98	(0.10)	7.79	(0.20)	0.19	(0.22)
	Kyrgyzstan	2.35	(0.04)	2.35	(0.18)	0.00	(0.18)	6.89	(0.10)	6.62	(0.30)	0.27	(0.31)
	Latvia	2.02	(0.03)	1.96	(0.08)	0.06	(0.09)	6.63	(0.08)	6.17	(0.18)	**0.45**	(0.21)
	Liechtenstein	1.16	(0.06)	1.35	(0.12)	-0.19	(0.14)	5.16	(0.12)	5.29	(0.22)	-0.13	(0.26)
	Lithuania	1.82	(0.03)	1.79	(0.17)	0.04	(0.16)	6.14	(0.06)	6.37	(0.31)	-0.24	(0.31)
	Macao-China	1.55	(0.05)	1.46	(0.03)	0.09	(0.06)	7.94	(0.12)	7.84	(0.07)	0.10	(0.14)
	Montenegro	1.98	(0.03)	2.03	(0.14)	-0.05	(0.15)	5.66	(0.07)	5.56	(0.29)	0.11	(0.30)
	Qatar	1.92	(0.04)	2.18	(0.04)	**-0.26**	(0.06)	6.21	(0.07)	6.89	(0.09)	**-0.68**	(0.11)
	Romania	2.19	(0.04)	c	c	c	c	7.02	(0.10)	c	c	c	c
	Russian Federation	1.54	(0.03)	1.71	(0.09)	**-0.17**	(0.08)	4.35	(0.07)	4.76	(0.18)	**-0.41**	(0.17)
	Serbia	1.70	(0.03)	1.73	(0.10)	**-0.04**	(0.10)	5.81	(0.07)	5.63	(0.18)	0.18	(0.19)
	Slovenia	1.48	(0.02)	1.45	(0.05)	**0.04**	(0.06)	5.49	(0.04)	5.34	(0.14)	0.16	(0.14)
	Chinese Taipei	1.78	(0.03)	1.38	(0.22)	**0.40**	(0.21)	6.89	(0.08)	5.64	(0.59)	**1.25**	(0.58)
	Thailand	1.71	(0.03)	c	c	**c**	c	5.37	(0.05)	c	c	c	c
	Tunisia	2.11	(0.04)	1.83	(0.26)	**0.29**	(0.27)	7.05	(0.11)	6.91	(0.78)	0.14	(0.80)
	Uruguay	1.36	(0.02)	c	c	**c**	c	4.77	(0.06)	c	c	c	c

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.8c [Part 3/3] Mean learning hours and allocation of total learning time on the language of instruction, by immigrant status

		Allocation of total learning time on the language of instruction for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	68.2	(0.3)	63.4	(0.5)	**4.8**	(0.6)	7.6	(0.2)	10.5	(0.3)	**-2.9**	(0.4)	24.2	(0.2)	26.1	(0.4)	**-1.9**	(0.4)
	Austria	66.4	(0.5)	60.1	(0.9)	**6.3**	(0.9)	2.9	(0.2)	6.4	(0.7)	**-3.6**	(0.6)	30.7	(0.4)	33.5	(0.7)	**-2.7**	(0.8)
	Belgium	67.8	(0.3)	64.0	(1.0)	**3.8**	(1.1)	6.4	(0.2)	11.8	(0.7)	**-5.4**	(0.7)	25.8	(0.2)	24.2	(0.6)	**1.6**	(0.6)
	Canada	67.5	(0.3)	59.3	(0.8)	**8.2**	(1.0)	10.0	(0.2)	13.1	(0.5)	**-3.1**	(0.5)	22.5	(0.2)	27.6	(0.6)	**-5.1**	(0.7)
	Czech Republic	71.7	(0.4)	68.3	(2.8)	3.4	(2.8)	8.9	(0.2)	11.6	(1.8)	-2.7	(1.9)	19.4	(0.4)	20.0	(1.9)	-0.7	(1.8)
	Denmark	62.6	(0.3)	56.5	(1.2)	**6.1**	(1.2)	15.6	(0.2)	20.2	(0.9)	**-4.6**	(0.9)	21.8	(0.2)	23.3	(0.7)	**-1.5**	(0.7)
	Finland	70.9	(0.4)	61.9	(3.0)	**9.0**	(2.9)	6.0	(0.2)	12.9	(1.7)	**-6.9**	(1.7)	23.0	(0.3)	25.2	(2.6)	-2.1	(2.6)
	France	67.7	(0.4)	61.7	(1.1)	**6.0**	(1.2)	10.1	(0.3)	14.8	(0.8)	**-4.7**	(0.9)	22.2	(0.3)	23.5	(0.7)	-1.3	(0.7)
	Germany	63.0	(0.4)	57.8	(1.3)	**5.3**	(1.3)	7.2	(0.3)	12.0	(0.9)	**-4.9**	(1.0)	29.8	(0.3)	30.2	(0.7)	-0.4	(0.7)
	Greece	51.1	(0.6)	52.3	(1.4)	-1.2	(1.5)	21.8	(0.4)	18.8	(1.4)	**3.0**	(1.4)	27.2	(0.4)	28.9	(1.1)	-1.7	(1.1)
	Hungary	53.3	(0.4)	53.6	(3.2)	-0.3	(3.3)	18.2	(0.3)	18.0	(2.0)	0.2	(2.0)	28.5	(0.3)	28.4	(2.7)	0.1	(2.8)
	Iceland	71.9	(0.3)	63.7	(3.2)	**8.3**	(3.2)	5.8	(0.2)	13.3	(2.4)	**-7.5**	(2.4)	22.2	(0.2)	23.1	(2.2)	-0.8	(2.2)
	Ireland	64.6	(0.5)	61.0	(1.5)	**3.6**	(1.5)	8.0	(0.3)	9.7	(1.1)	-1.7	(1.1)	27.5	(0.4)	29.3	(1.1)	-1.8	(1.1)
	Italy	57.5	(0.3)	53.6	(1.1)	**3.9**	(1.1)	8.0	(0.2)	13.2	(0.8)	**-5.2**	(0.9)	34.5	(0.2)	33.2	(0.8)	1.3	(0.9)
	Japan	78.1	(0.5)	c	c	c	c	6.3	(0.3)	c	c	c	c	15.6	(0.4)	c	c	c	c
	Korea	66.4	(0.5)	c	c	c	c	16.5	(0.4)	c	c	c	c	17.2	(0.2)	c	c	c	c
	Luxembourg	69.2	(0.4)	64.4	(0.7)	**4.7**	(0.8)	7.2	(0.3)	11.4	(0.4)	**-4.2**	(0.5)	23.6	(0.3)	24.2	(0.5)	-0.6	(0.6)
	Mexico	55.8	(0.4)	43.2	(3.3)	**12.5**	(3.3)	14.2	(0.3)	21.5	(2.8)	**-7.3**	(2.8)	30.0	(0.3)	35.3	(2.5)	**-5.2**	(2.6)
	Netherlands	64.0	(0.4)	55.0	(1.1)	**9.0**	(1.1)	10.1	(0.3)	17.0	(0.6)	**-7.0**	(0.7)	25.9	(0.3)	28.0	(0.9)	**-2.1**	(0.9)
	New Zealand	72.1	(0.5)	63.1	(0.9)	**9.0**	(1.0)	6.9	(0.3)	11.8	(0.6)	**-4.9**	(0.7)	21.0	(0.3)	25.1	(0.5)	**-4.1**	(0.6)
	Norway	62.8	(0.4)	54.0	(1.7)	**8.8**	(1.7)	16.1	(0.3)	21.1	(1.2)	**-5.0**	(1.2)	21.2	(0.3)	24.9	(1.1)	**-3.8**	(1.1)
	Poland	63.6	(0.3)	c	c	c	c	8.4	(0.3)	c	c	c	c	27.9	(0.3)	c	c	c	c
	Portugal	61.4	(0.4)	57.3	(2.0)	4.1	(2.2)	8.5	(0.3)	11.2	(1.3)	**-2.7**	(1.3)	30.1	(0.3)	31.5	(1.4)	-1.4	(1.5)
	Slovak Republic	58.9	(0.5)	c	c	c	c	12.7	(0.3)	c	c	c	c	28.4	(0.5)	c	c	c	c
	Spain	63.2	(0.3)	56.8	(1.6)	**6.4**	(1.5)	7.7	(0.2)	13.3	(1.5)	**-5.6**	(1.5)	29.2	(0.3)	29.9	(1.1)	-0.8	(1.1)
	Sweden	67.6	(0.6)	60.3	(1.2)	**7.3**	(1.4)	9.7	(0.2)	14.8	(0.9)	**-5.1**	(1.0)	22.7	(0.5)	24.9	(0.7)	**-2.1**	(0.9)
	Switzerland	68.7	(0.4)	63.8	(0.7)	**4.9**	(0.7)	5.9	(0.3)	10.8	(0.5)	**-4.9**	(0.6)	25.4	(0.3)	25.4	(0.4)	-0.0	(0.4)
	Turkey	54.7	(0.7)	56.2	(3.5)	-1.5	(3.5)	19.9	(0.4)	18.1	(1.9)	1.7	(1.9)	25.5	(0.3)	25.7	(2.2)	-0.2	(2.2)
	United Kingdom	68.5	(0.3)	59.1	(1.2)	**9.4**	(1.3)	7.1	(0.2)	13.8	(1.2)	**-6.7**	(1.2)	24.3	(0.3)	27.1	(0.8)	**-2.7**	(0.9)
	United States	56.8	(0.6)	52.3	(0.9)	**4.5**	(1.0)	15.3	(0.4)	18.3	(0.7)	**-3.1**	(0.6)	28.0	(0.4)	29.4	(0.7)	-1.4	(0.9)
	OECD average	64.5	(0.1)	58.6	(0.4)	**5.6**	(0.4)	10.3	(0.1)	14.2	(0.3)	**-4.0**	(0.3)	25.2	(0.1)	27.2	(0.3)	**-1.6**	(0.3)
Partners	Argentina	55.1	(0.7)	59.7	(3.1)	-4.6	(3.1)	8.0	(0.5)	6.9	(1.5)	1.1	(1.5)	36.9	(0.5)	33.4	(2.7)	3.5	(2.8)
	Azerbaijan	45.0	(0.6)	46.4	(2.2)	-1.4	(2.2)	19.4	(0.5)	18.2	(1.9)	1.1	(1.8)	35.6	(0.5)	35.4	(1.5)	0.2	(1.6)
	Brazil	54.7	(0.5)	53.5	(2.8)	1.2	(2.9)	17.5	(0.3)	19.6	(2.1)	-2.1	(2.0)	27.8	(0.3)	27.0	(2.5)	0.9	(2.6)
	Bulgaria	52.0	(0.5)	c	c	c	c	15.3	(0.4)	c	c	c	c	32.7	(0.4)	c	c	c	c
	Chile	57.5	(0.6)	c	c	c	c	15.1	(0.5)	c	c	c	c	27.4	(0.4)	c	c	c	c
	Colombia	60.5	(0.6)	c	c	c	c	14.3	(0.4)	c	c	c	c	25.2	(0.4)	c	c	c	c
	Croatia	67.0	(0.4)	65.8	(1.0)	1.2	(1.1)	5.8	(0.3)	5.5	(0.5)	0.3	(0.6)	27.2	(0.4)	28.7	(0.9)	-1.5	(1.0)
	Estonia	62.0	(0.5)	61.5	(1.0)	0.5	(1.1)	12.8	(0.4)	14.1	(0.8)	-1.3	(0.8)	25.2	(0.3)	24.4	(0.7)	0.8	(0.8)
	Hong Kong-China	71.0	(0.5)	71.0	(0.6)	0.0	(0.8)	9.3	(0.4)	8.7	(0.4)	0.6	(0.5)	19.7	(0.4)	20.3	(0.4)	-0.7	(0.5)
	Indonesia	56.4	(0.7)	51.7	(8.8)	4.7	(8.8)	16.7	(0.6)	14.4	(3.1)	2.3	(3.1)	27.0	(0.3)	34.0	(6.7)	-7.0	(6.7)
	Israel	54.8	(0.6)	53.2	(1.0)	1.6	(1.1)	19.4	(0.5)	19.6	(0.7)	-0.2	(0.9)	25.8	(0.5)	27.2	(0.9)	-1.4	(0.9)
	Jordan	44.4	(0.7)	45.1	(0.9)	-0.6	(0.9)	22.2	(0.5)	21.1	(0.8)	1.1	(0.9)	33.4	(0.4)	33.9	(0.7)	-0.5	(0.8)
	Kyrgyzstan	39.9	(0.5)	47.4	(2.0)	**-7.5**	(2.1)	26.1	(0.4)	17.5	(2.1)	**8.6**	(2.1)	34.1	(0.4)	35.1	(1.9)	-1.1	(2.0)
	Latvia	59.5	(0.4)	56.4	(1.0)	**3.0**	(1.0)	11.3	(0.4)	12.7	(0.8)	-1.4	(0.8)	29.3	(0.4)	30.9	(0.8)	-1.6	(0.8)
	Liechtenstein	71.8	(1.3)	66.6	(2.3)	**5.1**	(2.6)	4.4	(0.7)	7.6	(1.1)	**-3.2**	(1.2)	23.9	(1.1)	25.8	(1.8)	-1.9	(2.1)
	Lithuania	62.4	(0.4)	62.4	(2.0)	-0.0	(2.0)	9.7	(0.3)	10.9	(1.1)	**-1.2**	(1.2)	27.9	(0.3)	26.6	(1.7)	1.2	(1.6)
	Macao-China	70.6	(0.7)	71.9	(0.4)	-1.3	(0.8)	11.7	(0.4)	10.8	(0.3)	**0.8**	(0.5)	17.7	(0.5)	17.2	(0.3)	0.5	(0.5)
	Montenegro	53.3	(0.4)	51.8	(1.9)	1.5	(2.0)	11.3	(0.3)	11.3	(1.6)	**0.0**	(1.5)	35.4	(0.4)	36.9	(1.7)	-1.5	(1.7)
	Qatar	43.5	(0.5)	47.0	(0.5)	**-3.5**	(0.7)	25.0	(0.4)	21.2	(0.4)	**3.7**	(0.6)	31.6	(0.4)	31.8	(0.4)	-0.2	(0.6)
	Romania	50.6	(0.6)	c	c	c	c	19.7	(0.4)	c	c	c	c	29.6	(0.3)	c	c	c	c
	Russian Federation	48.2	(0.6)	49.0	(1.1)	**-0.8**	(0.9)	16.5	(0.6)	14.9	(1.0)	1.6	(0.9)	35.3	(0.5)	36.2	(1.0)	-0.9	(0.8)
	Serbia	60.3	(0.5)	60.1	(1.6)	**0.2**	(1.7)	12.9	(0.4)	11.4	(1.0)	1.5	(1.0)	26.8	(0.3)	28.5	(1.3)	-1.7	(1.3)
	Slovenia	61.0	(0.4)	59.4	(1.0)	**1.7**	(1.1)	11.9	(0.3)	12.7	(0.8)	-0.7	(0.9)	27.0	(0.3)	28.0	(0.9)	-0.9	(1.0)
	Chinese Taipei	66.2	(0.3)	64.2	(4.9)	**2.0**	(4.9)	8.8	(0.2)	12.1	(2.4)	-3.3	(2.4)	25.0	(0.2)	23.6	(3.4)	1.4	(3.4)
	Thailand	62.6	(0.4)	c	c	c	c	7.2	(0.3)	c	c	c	c	30.2	(0.3)	c	c	c	c
	Tunisia	45.8	(0.7)	38.7	(3.8)	7.1	(3.8)	23.6	(0.5)	31.4	(3.9)	**-7.9**	(3.8)	30.6	(0.5)	29.9	(3.3)	0.8	(3.3)
	Uruguay	61.2	(0.5)	c	c	c	c	11.0	(0.4)	c	c	c	c	27.8	(0.4)	c	c	c	c

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.8d [Part 1/3] Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by immigrant status

		Mean learning hours per week															
		Regular school lessons								Out-of-school-time lessons							
		Native students		Students with an immigrant background		Difference (native-immigrant)		Difference after accounting for ESCS and school average ESCS (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)		Difference after accounting for ESCS and school average ESCS (native-immigrant)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	11.25	(0.08)	12.04	(0.14)	**-0.79**	(0.16)	**-0.71**	(0.15)	1.52	(0.03)	2.54	(0.10)	**-1.01**	(0.10)	**-1.05**	(0.10)
	Austria	8.53	(0.10)	8.70	(0.16)	-0.16	(0.18)	**-0.65**	(0.22)	0.85	(0.04)	1.58	(0.13)	**-0.74**	(0.13)	**-0.65**	(0.14)
	Belgium	9.77	(0.09)	9.34	(0.27)	0.42	(0.27)	**-1.00**	(0.29)	1.21	(0.03)	2.04	(0.12)	**-0.83**	(0.13)	**-0.71**	(0.13)
	Canada	13.00	(0.11)	12.87	(0.22)	0.13	(0.22)	0.17	(0.21)	2.11	(0.04)	3.17	(0.11)	**-1.07**	(0.11)	**-1.11**	(0.11)
	Czech Republic	10.67	(0.11)	10.38	(0.38)	0.29	(0.38)	0.13	(0.38)	1.87	(0.04)	2.51	(0.37)	-0.64	(0.39)	-0.63	(0.38)
	Denmark	13.20	(0.08)	12.69	(0.25)	**0.51**	(0.25)	0.15	(0.25)	3.74	(0.06)	5.01	(0.23)	**-1.27**	(0.23)	**-1.28**	(0.23)
	Finland	9.74	(0.11)	8.84	(0.62)	0.90	(0.62)	0.73	(0.62)	1.03	(0.04)	2.03	(0.35)	**-0.99**	(0.34)	**-1.01**	(0.35)
	France	10.83	(0.10)	10.09	(0.27)	**0.74**	(0.26)	0.10	(0.22)	2.13	(0.04)	2.99	(0.15)	**-0.86**	(0.16)	**-0.83**	(0.16)
	Germany	10.66	(0.09)	10.40	(0.20)	0.26	(0.21)	-0.17	(0.21)	1.77	(0.05)	2.72	(0.19)	**-0.95**	(0.19)	**-0.70**	(0.19)
	Greece	9.96	(0.12)	8.55	(0.34)	**1.40**	(0.32)	**0.66**	(0.33)	6.00	(0.11)	3.95	(0.27)	**2.04**	(0.28)	**1.62**	(0.29)
	Hungary	9.01	(0.10)	8.97	(0.62)	0.03	(0.62)	0.35	(0.62)	3.58	(0.06)	3.57	(0.48)	0.02	(0.48)	-0.08	(0.47)
	Iceland	12.24	(0.06)	11.83	(0.58)	0.41	(0.57)	0.25	(0.56)	1.43	(0.04)	2.51	(0.42)	**-1.08**	(0.42)	**-1.12**	(0.42)
	Ireland	9.71	(0.09)	10.24	(0.29)	-0.53	(0.30)	-0.49	(0.29)	1.60	(0.05)	2.39	(0.27)	**-0.78**	(0.28)	**-0.74**	(0.27)
	Italy	11.33	(0.09)	10.72	(0.28)	**0.61**	(0.29)	0.49	(0.27)	2.21	(0.04)	2.81	(0.17)	**-0.60**	(0.18)	**-0.64**	(0.17)
	Japan	10.76	(0.13)	c	c	c	c	c	c	1.39	(0.05)	c	c	c	c	c	c
	Korea	12.79	(0.11)	c	c	c	c	c	c	4.76	(0.08)	c	c	c	c	c	c
	Luxembourg	9.77	(0.07)	9.64	(0.10)	0.13	(0.12)	**-0.39**	(0.13)	1.70	(0.04)	2.31	(0.08)	**-0.61**	(0.09)	**-0.47**	(0.10)
	Mexico	10.99	(0.10)	8.61	(0.82)	**2.38**	(0.82)	**1.81**	(0.84)	3.23	(0.08)	4.35	(0.61)	-1.13	(0.61)	-0.70	(0.62)
	Netherlands	8.01	(0.07)	7.74	(0.24)	0.26	(0.26)	-0.38	(0.22)	1.74	(0.05)	2.95	(0.14)	**-1.20**	(0.15)	**-1.01**	(0.18)
	New Zealand	12.88	(0.10)	12.73	(0.18)	0.16	(0.21)	0.24	(0.17)	1.43	(0.06)	2.84	(0.13)	**-1.42**	(0.14)	**-1.43**	(0.14)
	Norway	9.63	(0.08)	9.75	(0.28)	-0.12	(0.28)	-0.25	(0.30)	3.05	(0.05)	4.30	(0.25)	**-1.25**	(0.24)	**-1.35**	(0.24)
	Poland	11.74	(0.09)	c	c	c	c	c	c	2.10	(0.06)	c	c	c	c	c	c
	Portugal	10.17	(0.10)	9.20	(0.34)	**0.97**	(0.35)	**1.03**	(0.28)	1.97	(0.05)	2.33	(0.22)	-0.36	(0.23)	-0.38	(0.22)
	Slovak Republic	8.88	(0.14)	c	c	c	c	c	c	2.40	(0.07)	c	c	c	c	c	c
	Spain	10.23	(0.09)	9.31	(0.25)	**0.92**	(0.26)	**0.70**	(0.23)	2.22	(0.06)	2.30	(0.16)	-0.08	(0.18)	-0.06	(0.17)
	Sweden	9.03	(0.07)	9.03	(0.20)	-0.00	(0.19)	-0.05	(0.19)	1.66	(0.03)	2.77	(0.18)	**-1.11**	(0.18)	**-1.03**	(0.16)
	Switzerland	9.96	(0.10)	9.65	(0.11)	**0.30**	(0.12)	0.05	(0.13)	1.37	(0.05)	2.23	(0.11)	**-0.86**	(0.12)	**-0.81**	(0.12)
	Turkey	10.71	(0.16)	10.83	(0.62)	-0.12	(0.59)	0.54	(0.59)	5.25	(0.09)	4.26	(0.91)	0.99	(0.91)	1.31	(0.91)
	United Kingdom	11.93	(0.09)	12.17	(0.29)	-0.24	(0.29)	-0.49	(0.29)	1.53	(0.03)	3.36	(0.22)	**-1.83**	(0.22)	**-1.85**	(0.20)
	United States	11.15	(0.13)	10.11	(0.21)	**1.04**	(0.22)	-0.02	(0.25)	2.91	(0.07)	3.54	(0.14)	**-0.63**	(0.15)	**-0.46**	(0.16)
	OECD average	10.62	(0.02)	10.17	(0.07)	**0.38**	(0.07)	0.11	(0.07)	2.33	(0.01)	2.98	(0.06)	**-0.70**	(0.06)	**-0.66**	(0.06)
Partners	Argentina	7.63	(0.16)	7.34	(0.56)	0.29	(0.54)	-0.01	(0.52)	1.66	(0.07)	1.28	(0.20)	0.38	(0.21)	0.38	(0.22)
	Azerbaijan	10.42	(0.12)	10.81	(0.76)	-0.39	(0.75)	-0.17	(0.67)	4.86	(0.10)	5.15	(0.35)	-0.30	(0.34)	-0.32	(0.33)
	Brazil	8.54	(0.09)	6.83	(0.45)	**1.71**	(0.46)	**1.44**	(0.44)	3.14	(0.07)	2.88	(0.29)	0.26	(0.28)	0.21	(0.28)
	Bulgaria	8.59	(0.16)	c	c	c	c	c	c	3.17	(0.08)	c	c	c	c	c	c
	Chile	9.30	(0.17)	c	c	c	c	c	c	2.80	(0.06)	c	c	c	c	c	c
	Colombia	11.74	(0.20)	c	c	c	c	c	c	3.32	(0.07)	c	c	c	c	c	c
	Croatia	8.44	(0.09)	8.42	(0.16)	0.02	(0.17)	-0.17	(0.16)	1.55	(0.05)	1.63	(0.11)	-0.07	(0.11)	-0.12	(0.11)
	Estonia	10.97	(0.10)	11.05	(0.22)	-0.08	(0.23)	-0.13	(0.24)	2.56	(0.07)	3.01	(0.13)	**-0.45**	(0.13)	**-0.42**	(0.13)
	Hong Kong-China	13.52	(0.13)	13.67	(0.15)	-0.16	(0.17)	**-0.73**	(0.16)	3.36	(0.10)	2.72	(0.11)	**0.65**	(0.13)	**0.40**	(0.15)
	Indonesia	11.00	(0.17)	7.14	(0.83)	**3.86**	(0.84)	**3.26**	(0.79)	3.65	(0.11)	3.48	(0.68)	0.17	(0.69)	0.10	(0.68)
	Israel	9.56	(0.11)	9.84	(0.21)	-0.28	(0.21)	**-0.54**	(0.21)	4.35	(0.09)	4.55	(0.14)	-0.20	(0.17)	-0.15	(0.16)
	Jordan	10.39	(0.15)	10.75	(0.24)	-0.36	(0.28)	0.04	(0.30)	5.09	(0.11)	5.01	(0.19)	0.08	(0.20)	0.04	(0.20)
	Kyrgyzstan	7.81	(0.15)	8.77	(0.49)	**-0.96**	(0.48)	-0.42	(0.44)	4.60	(0.09)	3.77	(0.46)	0.83	(0.44)	0.58	(0.42)
	Latvia	11.11	(0.11)	10.72	(0.26)	0.40	(0.26)	**0.50**	(0.25)	2.70	(0.08)	3.09	(0.15)	**-0.39**	(0.18)	**-0.43**	(0.17)
	Liechtenstein	10.43	(0.24)	9.91	(0.35)	0.52	(0.43)	0.21	(0.42)	1.13	(0.12)	1.77	(0.19)	**-0.64**	(0.22)	-0.34	(0.20)
	Lithuania	9.88	(0.10)	10.24	(0.47)	-0.36	(0.46)	-0.22	(0.44)	1.92	(0.05)	2.01	(0.22)	-0.10	(0.24)	-0.18	(0.24)
	Macao-China	14.14	(0.16)	14.64	(0.09)	**-0.50**	(0.19)	**-0.76**	(0.21)	3.35	(0.13)	3.20	(0.08)	0.16	(0.14)	0.10	(0.14)
	Montenegro	8.95	(0.09)	8.36	(0.34)	0.59	(0.35)	**0.83**	(0.32)	2.68	(0.05)	2.38	(0.21)	0.29	(0.22)	0.27	(0.22)
	Qatar	7.85	(0.10)	9.95	(0.11)	**-2.10**	(0.15)	**-1.98**	(0.15)	4.94	(0.08)	4.71	(0.10)	0.24	(0.13)	0.16	(0.13)
	Romania	8.57	(0.15)	c	c	c	c	c	c	4.04	(0.07)	c	c	c	c	c	c
	Russian Federation	9.43	(0.14)	9.41	(0.24)	0.02	(0.24)	0.08	(0.25)	3.07	(0.07)	2.95	(0.16)	0.12	(0.15)	0.08	(0.15)
	Serbia	9.34	(0.11)	9.21	(0.24)	0.13	(0.25)	0.40	(0.23)	2.65	(0.06)	2.61	(0.18)	0.04	(0.18)	-0.01	(0.18)
	Slovenia	9.47	(0.07)	8.77	(0.25)	**0.70**	(0.26)	0.27	(0.26)	2.45	(0.05)	2.51	(0.12)	-0.06	(0.13)	0.10	(0.14)
	Chinese Taipei	11.59	(0.14)	8.84	(0.98)	**2.75**	(0.96)	**2.65**	(0.82)	3.01	(0.06)	3.08	(0.58)	-0.07	(0.57)	-0.16	(0.54)
	Thailand	10.73	(0.08)	c	c	c	c	c	c	2.39	(0.07)	c	c	c	c	c	c
	Tunisia	9.21	(0.12)	8.33	(0.81)	0.88	(0.83)	0.58	(0.87)	6.09	(0.06)	6.69	(0.76)	-0.60	(0.77)	-0.49	(0.76)
	Uruguay	8.53	(0.09)	c	c	c	c	c	c	2.06	(0.06)	c	c	c	c	c	c

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.8d [Part 2/3] Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by immigrant status

		Mean learning hours per week													
		Individual study								Total learning hours					
		Native students		Students with an immigrant background		Difference (native-immigrant)		Difference after accounting for ESCS and school average ESCS (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	4.34	(0.05)	5.85	(0.12)	**-1.51**	(0.12)	**-1.46**	(0.13)	17.13	(0.11)	20.40	(0.27)	**-3.27**	(0.29)
	Austria	4.77	(0.08)	6.04	(0.18)	**-1.27**	(0.20)	**-1.21**	(0.20)	14.19	(0.17)	16.39	(0.33)	**-2.20**	(0.37)
	Belgium	4.39	(0.05)	4.44	(0.16)	-0.05	(0.15)	**-0.74**	(0.17)	15.41	(0.13)	15.71	(0.44)	-0.30	(0.44)
	Canada	4.90	(0.06)	6.64	(0.20)	**-1.74**	(0.20)	**-1.69**	(0.20)	20.12	(0.16)	22.60	(0.41)	**-2.49**	(0.41)
	Czech Republic	3.45	(0.05)	3.94	(0.43)	-0.49	(0.42)	-0.50	(0.42)	15.97	(0.16)	16.79	(0.84)	-0.82	(0.86)
	Denmark	4.92	(0.06)	5.93	(0.21)	**-1.01**	(0.21)	**-1.32**	(0.21)	21.83	(0.15)	23.32	(0.48)	**-1.49**	(0.47)
	Finland	3.40	(0.05)	3.76	(0.31)	-0.36	(0.30)	-0.51	(0.30)	14.16	(0.16)	14.65	(0.82)	-0.49	(0.82)
	France	4.53	(0.08)	4.91	(0.20)	-0.39	(0.20)	**-0.76**	(0.20)	17.53	(0.15)	18.03	(0.41)	-0.51	(0.41)
	Germany	5.79	(0.08)	6.32	(0.19)	**-0.52**	(0.20)	**-0.53**	(0.20)	18.28	(0.16)	19.26	(0.37)	**-0.98**	(0.39)
	Greece	5.84	(0.09)	4.93	(0.25)	**0.91**	(0.25)	**0.56**	(0.26)	21.82	(0.24)	17.43	(0.74)	**4.39**	(0.73)
	Hungary	5.29	(0.08)	5.16	(0.38)	0.13	(0.38)	0.20	(0.39)	17.89	(0.20)	17.83	(1.20)	0.06	(1.19)
	Iceland	4.42	(0.05)	4.92	(0.51)	-0.50	(0.51)	-0.60	(0.52)	18.10	(0.09)	19.35	(0.85)	-1.25	(0.84)
	Ireland	4.65	(0.08)	5.50	(0.27)	**-0.85**	(0.27)	**-0.74**	(0.27)	15.95	(0.16)	18.01	(0.58)	**-2.06**	(0.61)
	Italy	7.56	(0.08)	7.31	(0.26)	0.25	(0.27)	0.04	(0.25)	21.11	(0.17)	20.88	(0.48)	0.23	(0.49)
	Japan	3.11	(0.09)	c	c	c	c	c	c	15.26	(0.22)	c	c	c	c
	Korea	4.95	(0.12)	c	c	c	c	c	c	22.55	(0.25)	c	c	c	c
	Luxembourg	4.26	(0.06)	4.42	(0.09)	-0.16	(0.11)	-0.12	(0.12)	15.74	(0.12)	16.35	(0.18)	**-0.62**	(0.22)
	Mexico	6.41	(0.08)	6.71	(0.56)	-0.30	(0.55)	-0.23	(0.54)	20.50	(0.19)	19.53	(1.21)	0.97	(1.21)
	Netherlands	3.91	(0.06)	4.62	(0.15)	**-0.72**	(0.15)	**-1.09**	(0.17)	13.63	(0.13)	15.24	(0.44)	**-1.61**	(0.46)
	New Zealand	4.04	(0.08)	5.87	(0.13)	**-1.84**	(0.16)	**-1.76**	(0.16)	18.37	(0.16)	21.43	(0.27)	**-3.06**	(0.33)
	Norway	3.99	(0.06)	5.27	(0.25)	**-1.28**	(0.25)	**-1.56**	(0.24)	16.65	(0.12)	19.32	(0.50)	**-2.67**	(0.50)
	Poland	6.36	(0.07)	c	c	c	c	c	c	20.23	(0.14)	c	c	c	c
	Portugal	5.80	(0.08)	6.22	(0.37)	-0.42	(0.38)	-0.39	(0.37)	17.97	(0.17)	17.81	(0.76)	0.16	(0.78)
	Slovak Republic	4.81	(0.09)	c	c	c	c	c	c	16.13	(0.25)	c	c	c	c
	Spain	5.58	(0.08)	5.59	(0.23)	-0.01	(0.23)	-0.15	(0.24)	18.15	(0.17)	17.21	(0.33)	**0.94**	(0.37)
	Sweden	3.47	(0.05)	4.55	(0.16)	**-1.08**	(0.17)	**-1.22**	(0.19)	14.14	(0.10)	16.42	(0.36)	**-2.28**	(0.33)
	Switzerland	4.08	(0.05)	4.61	(0.10)	**-0.53**	(0.11)	**-0.55**	(0.12)	15.40	(0.15)	16.53	(0.21)	**-1.13**	(0.26)
	Turkey	6.14	(0.09)	5.37	(0.72)	0.77	(0.73)	0.94	(0.72)	21.99	(0.29)	20.38	(2.16)	1.60	(2.17)
	United Kingdom	4.39	(0.06)	5.89	(0.16)	**-1.50**	(0.16)	**-1.81**	(0.16)	17.87	(0.13)	21.43	(0.39)	**-3.56**	(0.38)
	United States	5.56	(0.08)	5.79	(0.18)	-0.23	(0.21)	**-0.90**	(0.21)	19.76	(0.16)	19.43	(0.40)	0.33	(0.43)
	OECD average	4.84	(0.01)	5.41	(0.06)	**-0.56**	(0.06)	**-0.70**	(0.06)	17.79	(0.03)	18.53	(0.14)	**-0.85**	(0.14)
Partners	Argentina	5.04	(0.10)	4.52	(0.32)	0.52	(0.33)	0.42	(0.34)	14.34	(0.24)	13.30	(0.81)	1.04	(0.81)
	Azerbaijan	8.74	(0.14)	9.10	(0.39)	-0.36	(0.40)	-0.35	(0.42)	24.16	(0.27)	25.09	(1.11)	-0.93	(1.11)
	Brazil	5.21	(0.07)	4.93	(0.42)	0.27	(0.42)	0.23	(0.42)	16.84	(0.17)	14.68	(0.95)	**2.16**	(0.94)
	Bulgaria	6.15	(0.16)	c	c	c	c	c	c	17.99	(0.33)	c	c	c	c
	Chile	4.68	(0.08)	c	c	c	c	c	c	16.88	(0.23)	c	c	c	c
	Colombia	5.57	(0.10)	c	c	c	c	c	c	20.62	(0.27)	c	c	c	c
	Croatia	4.83	(0.07)	4.96	(0.19)	-0.13	(0.20)	-0.19	(0.20)	14.91	(0.15)	15.09	(0.34)	-0.18	(0.34)
	Estonia	5.07	(0.07)	5.51	(0.22)	-0.43	(0.24)	-0.46	(0.24)	18.62	(0.16)	19.66	(0.40)	**-1.05**	(0.45)
	Hong Kong-China	5.33	(0.10)	5.35	(0.13)	-0.02	(0.15)	**-0.46**	(0.16)	22.19	(0.24)	21.75	(0.29)	0.44	(0.33)
	Indonesia	5.56	(0.08)	5.94	(0.66)	-0.38	(0.66)	-0.39	(0.66)	20.17	(0.25)	16.42	(1.23)	**3.74**	(1.23)
	Israel	5.34	(0.12)	5.24	(0.17)	0.10	(0.18)	0.16	(0.18)	19.32	(0.27)	19.71	(0.42)	-0.39	(0.43)
	Jordan	7.89	(0.12)	8.11	(0.23)	-0.21	(0.24)	-0.23	(0.23)	23.39	(0.24)	23.65	(0.51)	-0.26	(0.56)
	Kyrgyzstan	6.73	(0.09)	6.56	(0.42)	0.17	(0.42)	0.08	(0.43)	19.26	(0.25)	19.16	(0.98)	0.10	(0.94)
	Latvia	6.25	(0.09)	6.32	(0.21)	-0.07	(0.23)	-0.07	(0.22)	20.06	(0.20)	20.16	(0.46)	-0.11	(0.53)
	Liechtenstein	3.87	(0.18)	4.00	(0.30)	-0.14	(0.36)	-0.11	(0.37)	15.50	(0.33)	15.48	(0.45)	0.02	(0.62)
	Lithuania	5.28	(0.07)	5.27	(0.42)	0.01	(0.41)	0.06	(0.40)	17.06	(0.14)	17.55	(0.74)	-0.49	(0.72)
	Macao-China	5.09	(0.14)	4.87	(0.08)	0.22	(0.16)	-0.30	(0.16)	22.60	(0.31)	22.69	(0.17)	-0.10	(0.34)
	Montenegro	6.17	(0.08)	6.50	(0.32)	-0.33	(0.32)	-0.25	(0.32)	17.75	(0.17)	17.15	(0.68)	0.61	(0.70)
	Qatar	5.80	(0.08)	6.92	(0.10)	**-1.12**	(0.14)	**-1.15**	(0.14)	18.60	(0.20)	21.65	(0.24)	**-3.05**	(0.31)
	Romania	5.96	(0.10)	c	c	c	c	c	c	18.57	(0.26)	c	c	c	c
	Russian Federation	6.65	(0.12)	6.71	(0.26)	-0.06	(0.23)	-0.03	(0.24)	19.15	(0.24)	18.99	(0.53)	0.16	(0.53)
	Serbia	5.23	(0.08)	5.20	(0.20)	0.03	(0.21)	0.13	(0.21)	17.22	(0.20)	16.94	(0.40)	0.28	(0.44)
	Slovenia	4.98	(0.06)	4.62	(0.18)	0.36	(0.19)	0.30	(0.18)	16.94	(0.12)	15.96	(0.41)	**0.98**	(0.42)
	Chinese Taipei	4.91	(0.09)	3.91	(0.48)	**1.00**	(0.48)	0.83	(0.44)	19.63	(0.26)	15.76	(1.69)	**3.87**	(1.66)
	Thailand	5.34	(0.08)	c	c	c	c	c	c	18.44	(0.16)	c	c	c	c
	Tunisia	7.28	(0.08)	7.08	(0.70)	0.20	(0.70)	0.31	(0.71)	22.61	(0.21)	22.57	(1.76)	0.05	(1.77)
	Uruguay	4.25	(0.06)	c	c	c	c	c	c	14.87	(0.15)	c	c	c	c

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.8d [Part 3/3] Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by immigrant status

		Allocation of total learning time in science, mathematics and the language of instruction for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	68.1	(0.2)	61.7	(0.4)	**6.4**	(0.5)	7.9	(0.2)	11.0	(0.3)	**-3.1**	(0.3)	24.0	(0.2)	27.3	(0.3)	**-3.3**	(0.3)
	Austria	62.7	(0.4)	56.7	(0.8)	**6.0**	(0.9)	4.9	(0.2)	8.3	(0.6)	**-3.4**	(0.6)	32.4	(0.3)	35.0	(0.8)	**-2.6**	(0.8)
	Belgium	64.8	(0.2)	61.2	(0.8)	**3.5**	(0.8)	7.2	(0.2)	11.9	(0.7)	**-4.8**	(0.7)	28.1	(0.2)	26.8	(0.5)	**1.2**	(0.5)
	Canada	65.8	(0.3)	57.8	(0.7)	**8.0**	(0.7)	10.2	(0.2)	13.3	(0.4)	**-3.1**	(0.4)	24.0	(0.2)	28.9	(0.6)	**-4.9**	(0.6)
	Czech Republic	69.7	(0.4)	66.1	(2.5)	3.6	(2.5)	10.1	(0.2)	12.5	(1.5)	-2.4	(1.5)	20.2	(0.3)	21.4	(1.8)	-1.2	(1.8)
	Denmark	62.8	(0.3)	55.5	(1.2)	**7.3**	(1.2)	15.6	(0.2)	20.2	(0.9)	**-4.6**	(0.9)	21.6	(0.2)	24.3	(0.6)	**-2.7**	(0.7)
	Finland	70.7	(0.3)	62.5	(2.6)	**8.2**	(2.5)	6.3	(0.2)	12.0	(1.8)	**-5.8**	(1.8)	23.0	(0.2)	25.5	(2.2)	-2.5	(2.1)
	France	64.1	(0.3)	58.4	(0.8)	**5.7**	(0.9)	11.5	(0.2)	15.9	(0.7)	**-4.4**	(0.8)	24.4	(0.3)	25.7	(0.5)	**-1.3**	(0.6)
	Germany	60.2	(0.3)	55.3	(1.0)	**4.9**	(1.1)	8.6	(0.3)	13.0	(0.9)	**-4.4**	(0.9)	31.2	(0.3)	31.7	(0.5)	-0.5	(0.5)
	Greece	48.0	(0.5)	51.4	(1.3)	**-3.5**	(1.2)	26.0	(0.3)	20.9	(1.2)	**5.2**	(1.2)	26.0	(0.3)	27.7	(1.0)	-1.7	(1.0)
	Hungary	52.5	(0.4)	52.0	(2.1)	0.4	(2.1)	18.7	(0.3)	18.5	(1.8)	0.2	(1.9)	28.8	(0.3)	29.5	(1.5)	-0.7	(1.6)
	Iceland	69.9	(0.3)	62.2	(2.7)	**7.6**	(2.6)	7.0	(0.2)	13.2	(2.0)	**-6.1**	(2.0)	23.1	(0.2)	24.6	(1.9)	-1.5	(1.9)
	Ireland	63.7	(0.4)	60.2	(1.2)	**3.5**	(1.2)	8.6	(0.3)	10.1	(1.0)	-1.5	(1.1)	27.7	(0.3)	29.7	(0.9)	**-1.9**	(0.9)
	Italy	55.1	(0.2)	52.2	(1.0)	**2.9**	(1.0)	9.7	(0.2)	13.6	(1.0)	**-3.9**	(1.0)	35.2	(0.2)	34.2	(0.7)	1.0	(0.7)
	Japan	74.5	(0.5)	c	c	c	c	7.5	(0.3)	c	c	c	c	18.0	(0.4)	c	c	c	c
	Korea	61.3	(0.4)	c	c	c	c	18.4	(0.2)	c	c	c	c	20.3	(0.3)	c	c	c	c
	Luxembourg	64.6	(0.3)	61.1	(0.6)	**3.5**	(0.7)	9.4	(0.2)	12.9	(0.4)	**-3.5**	(0.4)	26.0	(0.2)	26.0	(0.4)	-0.1	(0.5)
	Mexico	54.3	(0.3)	43.5	(2.7)	**10.8**	(2.7)	14.4	(0.3)	19.6	(2.4)	**-5.2**	(2.3)	31.3	(0.3)	36.9	(2.4)	**-5.6**	(2.4)
	Netherlands	60.9	(0.4)	53.2	(1.0)	**7.7**	(1.0)	11.6	(0.3)	17.3	(0.6)	**-5.7**	(0.6)	27.5	(0.3)	29.5	(0.7)	**-2.0**	(0.8)
	New Zealand	71.9	(0.4)	61.6	(0.7)	**10.4**	(0.9)	7.0	(0.2)	12.3	(0.6)	**-5.2**	(0.6)	21.0	(0.3)	26.2	(0.4)	**-5.1**	(0.5)
	Norway	60.9	(0.4)	52.9	(1.3)	**8.0**	(1.3)	16.7	(0.3)	20.9	(0.9)	**-4.2**	(0.9)	22.4	(0.3)	26.2	(0.8)	**-3.8**	(0.9)
	Poland	59.9	(0.3)	c	c	c	c	10.0	(0.3)	c	c	c	c	30.0	(0.3)	c	c	c	c
	Portugal	58.5	(0.4)	55.6	(1.6)	3.0	(1.7)	10.1	(0.2)	11.7	(0.8)	-1.6	(0.9)	31.4	(0.3)	32.8	(1.3)	-1.4	(1.4)
	Slovak Republic	58.9	(0.5)	c	c	c	c	12.7	(0.3)	c	c	c	c	28.4	(0.3)	c	c	c	c
	Spain	59.3	(0.3)	56.1	(1.1)	**3.3**	(1.1)	11.1	(0.2)	12.5	(0.9)	-1.4	(0.9)	29.6	(0.3)	31.5	(1.1)	-1.9	(1.1)
	Sweden	67.2	(0.5)	58.4	(1.0)	**8.8**	(1.1)	9.7	(0.2)	14.7	(0.8)	**-5.0**	(0.8)	23.2	(0.4)	26.9	(0.6)	**-3.8**	(0.7)
	Switzerland	65.3	(0.3)	60.8	(0.6)	**4.6**	(0.6)	8.0	(0.2)	11.9	(0.5)	**-3.9**	(0.5)	26.6	(0.2)	27.4	(0.4)	-0.7	(0.4)
	Turkey	51.3	(0.3)	55.8	(3.9)	-4.5	(3.9)	21.7	(0.3)	18.7	(3.0)	3.0	(3.0)	27.0	(0.3)	25.5	(1.3)	1.4	(1.3)
	United Kingdom	68.8	(0.3)	58.8	(0.9)	**10.0**	(1.0)	7.5	(0.1)	14.2	(0.9)	**-6.7**	(0.9)	23.6	(0.2)	27.0	(0.5)	**-3.4**	(0.6)
	United States	56.5	(0.5)	51.8	(0.8)	**4.7**	(0.9)	14.6	(0.4)	17.9	(0.6)	**-3.3**	(0.6)	28.9	(0.3)	30.3	(0.6)	**-1.4**	(0.7)
	OECD average	62.4	(0.1)	57.0	(0.3)	**5.2**	(0.3)	11.4	(0.0)	14.6	(0.2)	**-3.3**	(0.2)	26.2	(0.0)	28.4	(0.2)	**-1.9**	(0.2)
Partners	Argentina	54.5	(0.6)	55.9	(1.8)	-1.5	(1.8)	10.5	(0.4)	9.1	(1.3)	1.5	(1.3)	35.0	(0.4)	35.0	(1.5)	0.0	(1.5)
	Azerbaijan	44.5	(0.5)	44.1	(2.3)	0.4	(2.3)	19.7	(0.4)	20.4	(1.5)	-0.7	(1.4)	35.8	(0.3)	35.5	(1.4)	0.3	(1.5)
	Brazil	53.2	(0.4)	51.6	(2.3)	1.6	(2.3)	17.0	(0.3)	17.7	(1.8)	-0.7	(1.7)	29.8	(0.3)	30.7	(1.9)	-0.9	(2.0)
	Bulgaria	50.3	(0.5)	c	c	c	c	16.7	(0.4)	c	c	c	c	33.1	(0.4)	c	c	c	c
	Chile	54.7	(0.5)	c	c	c	c	16.3	(0.3)	c	c	c	c	29.1	(0.3)	c	c	c	c
	Colombia	59.7	(0.6)	c	c	c	c	14.4	(0.3)	c	c	c	c	25.9	(0.4)	c	c	c	c
	Croatia	60.1	(0.4)	59.2	(0.9)	0.9	(0.9)	9.5	(0.3)	9.5	(0.5)	0.1	(0.6)	30.4	(0.3)	31.3	(0.8)	-1.0	(0.8)
	Estonia	61.3	(0.4)	58.5	(0.9)	**2.8**	(0.9)	12.9	(0.3)	14.7	(0.7)	**-1.8**	(0.7)	25.8	(0.2)	26.8	(0.7)	-1.0	(0.8)
	Hong Kong-China	63.1	(0.5)	65.5	(0.6)	**-2.4**	(0.8)	14.1	(0.3)	11.4	(0.4)	**2.7**	(0.5)	22.8	(0.3)	23.1	(0.4)	-0.3	(0.5)
	Indonesia	56.1	(0.7)	45.0	(5.0)	**11.1**	(5.1)	16.5	(0.5)	17.8	(3.2)	-1.3	(3.2)	27.4	(0.3)	37.2	(3.6)	**-9.8**	(3.6)
	Israel	52.8	(0.5)	52.2	(0.8)	0.5	(0.8)	21.2	(0.3)	22.0	(0.4)	-0.7	(0.6)	26.0	(0.4)	25.8	(0.6)	0.2	(0.6)
	Jordan	43.9	(0.5)	43.5	(0.9)	0.4	(1.0)	21.7	(0.4)	21.5	(0.7)	0.3	(0.8)	34.3	(0.4)	35.0	(0.6)	-0.7	(0.6)
	Kyrgyzstan	40.1	(0.5)	46.1	(2.5)	**-6.0**	(2.5)	25.2	(0.4)	19.4	(2.2)	**5.8**	(2.1)	34.7	(0.3)	34.6	(1.7)	0.2	(1.7)
	Latvia	57.5	(0.3)	55.6	(0.8)	**2.0**	(0.8)	12.6	(0.3)	14.4	(0.5)	**-1.8**	(0.6)	29.9	(0.3)	30.0	(0.6)	-0.2	(0.7)
	Liechtenstein	67.5	(1.2)	64.4	(2.0)	3.1	(2.3)	7.0	(0.6)	10.6	(1.1)	**-3.7**	(1.2)	25.6	(1.0)	25.0	(1.3)	0.6	(1.5)
	Lithuania	59.6	(0.3)	60.2	(1.8)	-0.6	(1.8)	11.0	(0.3)	10.8	(1.2)	0.2	(1.2)	29.4	(0.2)	29.0	(1.5)	0.3	(1.5)
	Macao-China	65.6	(0.6)	67.2	(0.4)	**-1.7**	(0.7)	13.4	(0.4)	12.5	(0.2)	**0.9**	(0.4)	21.0	(0.4)	20.2	(0.3)	0.8	(0.5)
	Montenegro	51.1	(0.3)	49.3	(1.5)	1.8	(1.5)	14.5	(0.3)	12.8	(1.0)	1.8	(1.0)	34.4	(0.3)	37.9	(1.3)	**-3.6**	(1.3)
	Qatar	41.7	(0.4)	45.9	(0.4)	**-4.2**	(0.6)	26.4	(0.3)	21.6	(0.4)	**4.8**	(0.5)	32.0	(0.3)	32.5	(0.3)	-0.5	(0.5)
	Romania	48.7	(0.4)	c	c	c	c	20.5	(0.3)	c	c	c	c	30.9	(0.2)	c	c	c	c
	Russian Federation	50.9	(0.5)	51.1	(0.7)	-0.2	(0.6)	15.7	(0.5)	15.2	(0.7)	0.5	(0.6)	33.4	(0.4)	33.7	(0.6)	-0.2	(0.5)
	Serbia	57.8	(0.4)	57.3	(1.1)	0.5	(1.2)	13.8	(0.3)	13.7	(0.9)	0.1	(0.9)	28.4	(0.3)	29.0	(0.9)	-0.6	(1.0)
	Slovenia	57.2	(0.3)	55.3	(0.8)	**1.9**	(0.8)	13.7	(0.2)	15.4	(0.6)	**-1.8**	(0.6)	29.1	(0.3)	29.3	(0.7)	-0.1	(0.7)
	Chinese Taipei	61.5	(0.3)	57.5	(4.3)	4.0	(4.3)	13.9	(0.2)	16.2	(2.4)	-2.3	(2.4)	24.6	(0.2)	26.3	(3.3)	-1.8	(3.2)
	Thailand	62.3	(0.4)	c	c	c	c	10.2	(0.3)	c	c	c	c	27.5	(0.3)	c	c	c	c
	Tunisia	41.5	(0.3)	36.1	(2.4)	**5.4**	(2.4)	26.4	(0.2)	30.6	(2.0)	**-4.2**	(1.9)	32.1	(0.3)	33.3	(2.4)	-1.2	(2.5)
	Uruguay	59.4	(0.4)	c	c	c	c	12.4	(0.3)	c	c	c	c	28.2	(0.3)	c	c	c	c

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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[Part 1/2]

Table 3.9a Within- and between-school variance in learning time in science

		Regular school lessons							Out-of-school-time lessons						
		Between-school variance	Within-school variance	Proportion of between school variance	Mean hours per week		Standard deviation		Between-school variance	Within-school variance	Proportion of between school variance	Mean hours per week		Standard deviation	
					Mean	S.E.	S.D.	S.E.				Mean	S.E.	S.D.	S.E.
OECD	Australia	0.56	3.33	0.14	3.24	(0.02)	1.97	(0.02)	0.01	0.72	0.02	0.36	(0.01)	0.86	(0.02)
	Austria	1.08	2.87	0.27	2.47	(0.04)	1.98	(0.04)	0.04	0.53	0.08	0.21	(0.01)	0.76	(0.04)
	Belgium	0.89	3.20	0.22	2.63	(0.02)	2.03	(0.02)	0.03	0.71	0.04	0.32	(0.01)	0.86	(0.03)
	Canada	0.55	4.58	0.11	4.00	(0.02)	2.29	(0.02)	0.04	1.04	0.03	0.55	(0.01)	1.05	(0.02)
	Czech Republic	1.81	3.42	0.35	2.93	(0.03)	2.25	(0.03)	0.04	1.08	0.04	0.54	(0.02)	1.07	(0.03)
	Denmark	0.26	1.96	0.12	3.21	(0.03)	1.49	(0.03)	0.03	1.06	0.03	0.77	(0.02)	1.05	(0.02)
	Finland	0.18	2.45	0.07	3.13	(0.02)	1.62	(0.02)	0.01	0.54	0.01	0.32	(0.01)	0.74	(0.03)
	France	1.29	2.60	0.33	2.85	(0.02)	1.98	(0.02)	0.02	0.88	0.02	0.55	(0.02)	0.95	(0.03)
	Germany	0.99	3.39	0.23	3.06	(0.02)	2.08	(0.02)	0.03	1.07	0.03	0.51	(0.02)	1.05	(0.03)
	Greece	0.69	3.17	0.18	3.18	(0.02)	1.95	(0.02)	0.30	3.34	0.08	1.99	(0.04)	1.90	(0.02)
	Hungary	0.50	2.69	0.16	2.51	(0.03)	1.79	(0.03)	0.07	1.67	0.04	1.00	(0.03)	1.32	(0.03)
	Iceland	0.23	2.03	0.10	2.97	(0.02)	1.50	(0.02)	0.02	0.59	0.03	0.29	(0.01)	0.78	(0.03)
	Ireland	0.20	2.54	0.07	2.54	(0.02)	1.65	(0.02)	0.01	0.62	0.01	0.32	(0.01)	0.80	(0.03)
	Italy	0.92	3.24	0.22	2.91	(0.03)	2.05	(0.03)	0.06	1.33	0.05	0.58	(0.01)	1.19	(0.02)
	Japan	0.72	1.11	0.39	2.70	(0.04)	1.34	(0.04)	0.01	0.48	0.02	0.26	(0.01)	0.70	(0.03)
	Korea	0.67	1.47	0.31	3.58	(0.06)	1.47	(0.06)	0.35	1.57	0.18	1.02	(0.04)	1.39	(0.05)
	Luxembourg	0.31	3.20	0.09	2.33	(0.02)	1.85	(0.02)	0.02	1.06	0.02	0.50	(0.02)	1.04	(0.03)
	Mexico	0.32	5.64	0.05	3.15	(0.01)	2.47	(0.01)	0.12	1.98	0.06	1.01	(0.03)	1.48	(0.03)
	Netherlands	0.60	3.24	0.16	2.17	(0.02)	1.96	(0.02)	0.02	0.97	0.02	0.54	(0.02)	1.00	(0.03)
	New Zealand	0.30	3.37	0.08	4.06	(0.03)	1.91	(0.03)	0.02	0.83	0.03	0.41	(0.02)	0.92	(0.03)
	Norway	0.09	1.32	0.06	2.64	(0.02)	1.19	(0.02)	0.02	1.27	0.02	0.93	(0.02)	1.14	(0.02)
	Poland	0.16	2.59	0.06	2.72	(0.02)	1.66	(0.02)	0.04	1.05	0.03	0.62	(0.02)	1.04	(0.03)
	Portugal	0.35	5.46	0.06	3.21	(0.02)	2.41	(0.02)	0.01	1.44	0.01	0.63	(0.02)	1.21	(0.03)
	Slovak Republic	1.65	2.88	0.36	2.46	(0.04)	2.15	(0.04)	0.11	1.21	0.08	0.65	(0.03)	1.16	(0.03)
	Spain	0.31	3.64	0.08	3.12	(0.02)	2.01	(0.02)	0.09	1.73	0.05	0.68	(0.02)	1.35	(0.03)
	Sweden	0.19	1.31	0.13	2.81	(0.02)	1.21	(0.02)	0.01	0.77	0.02	0.50	(0.01)	0.89	(0.02)
	Switzerland	0.87	2.49	0.26	2.36	(0.03)	1.90	(0.03)	0.05	0.75	0.06	0.39	(0.01)	0.89	(0.02)
	Turkey	1.46	5.02	0.22	2.86	(0.03)	2.55	(0.03)	0.35	3.18	0.10	1.35	(0.05)	1.88	(0.04)
	United Kingdom	0.35	2.56	0.12	4.25	(0.03)	1.71	(0.03)	0.04	0.79	0.05	0.48	(0.02)	0.92	(0.02)
	United States	0.23	4.76	0.05	3.51	(0.03)	2.24	(0.03)	0.03	1.56	0.02	0.78	(0.02)	1.26	(0.03)
	OECD average	0.62	3.05	0.17	0.55	(0.03)	0.35	(0.03)	0.07	1.19	0.04	0.13	(0.02)	0.21	(0.03)
Partners	Argentina	0.35	3.10	0.10	2.26	(0.03)	1.87	(0.03)	0.04	1.04	0.04	0.49	(0.02)	1.05	(0.03)
	Azerbaijan	0.45	3.83	0.10	2.84	(0.04)	2.06	(0.04)	0.10	2.77	0.04	1.36	(0.03)	1.70	(0.03)
	Brazil	0.39	2.22	0.15	2.21	(0.03)	1.62	(0.03)	0.09	1.42	0.06	0.79	(0.02)	1.23	(0.04)
	Bulgaria	0.85	3.86	0.18	2.63	(0.03)	2.16	(0.03)	0.06	1.98	0.03	0.98	(0.03)	1.43	(0.03)
	Chile	0.63	3.49	0.15	2.33	(0.03)	2.02	(0.03)	0.02	1.45	0.01	0.83	(0.02)	1.22	(0.02)
	Colombia	0.46	3.21	0.12	3.50	(0.05)	1.95	(0.05)	0.04	1.82	0.02	0.95	(0.03)	1.37	(0.04)
	Croatia	0.51	2.46	0.17	2.02	(0.02)	1.72	(0.02)	0.02	0.93	0.02	0.43	(0.02)	0.98	(0.03)
	Estonia	0.18	3.68	0.05	3.27	(0.02)	1.97	(0.02)	0.04	1.36	0.03	0.76	(0.02)	1.18	(0.03)
	Hong Kong-China	0.42	7.66	0.05	3.14	(0.02)	2.84	(0.02)	0.06	2.17	0.03	0.88	(0.03)	1.49	(0.03)
	Indonesia	1.00	2.78	0.26	3.23	(0.03)	1.99	(0.03)	0.15	1.66	0.09	1.04	(0.04)	1.36	(0.03)
	Israel	0.34	4.46	0.07	2.43	(0.03)	2.19	(0.03)	0.17	1.86	0.08	0.98	(0.03)	1.42	(0.03)
	Jordan	0.43	4.80	0.08	3.25	(0.02)	2.30	(0.02)	0.09	2.82	0.03	1.52	(0.03)	1.71	(0.02)
	Kyrgyzstan	0.44	4.07	0.10	2.09	(0.05)	2.15	(0.05)	0.12	2.44	0.05	1.36	(0.03)	1.61	(0.03)
	Latvia	0.34	3.32	0.09	2.86	(0.03)	1.91	(0.03)	0.03	1.23	0.03	0.65	(0.02)	1.12	(0.03)
	Liechtenstein	0.35	2.38	0.13	2.57	(0.06)	1.69	(0.06)	0.05	0.94	0.05	0.52	(0.06)	1.00	(0.08)
	Lithuania	0.15	3.05	0.05	2.69	(0.02)	1.79	(0.02)	0.02	1.06	0.02	0.57	(0.02)	1.04	(0.03)
	Macao-China	0.31	5.35	0.05	3.74	(0.02)	2.38	(0.02)	0.03	2.47	0.01	1.00	(0.03)	1.58	(0.04)
	Montenegro	0.41	4.37	0.09	2.83	(0.02)	2.20	(0.02)	0.02	2.29	0.01	1.05	(0.02)	1.52	(0.03)
	Qatar	0.82	4.39	0.16	2.66	(0.02)	2.25	(0.02)	0.05	2.56	0.02	1.48	(0.02)	1.61	(0.02)
	Romania	0.56	3.69	0.13	2.26	(0.04)	2.06	(0.04)	0.03	1.91	0.01	1.03	(0.02)	1.39	(0.03)
	Russian Federation	0.91	4.77	0.16	3.73	(0.02)	2.38	(0.02)	0.11	2.06	0.05	1.12	(0.03)	1.48	(0.03)
	Serbia	0.71	3.82	0.16	2.86	(0.02)	2.13	(0.02)	0.02	1.64	0.01	0.78	(0.02)	1.29	(0.03)
	Slovenia	1.09	3.39	0.24	2.82	(0.02)	2.14	(0.02)	0.05	1.22	0.04	0.72	(0.02)	1.11	(0.03)
	Chinese Taipei	1.15	2.90	0.28	2.89	(0.02)	2.01	(0.02)	0.25	1.55	0.14	0.78	(0.02)	1.36	(0.03)
	Thailand	0.63	2.01	0.24	3.81	(0.02)	1.65	(0.02)	0.35	1.88	0.16	0.91	(0.03)	1.50	(0.03)
	Tunisia	0.42	3.84	0.10	2.62	(0.03)	2.07	(0.03)	0.09	3.11	0.03	1.93	(0.03)	1.79	(0.02)
	Uruguay	0.66	3.53	0.16	2.40	(0.02)	2.05	(0.02)	0.03	1.30	0.03	0.61	(0.02)	1.16	(0.03)



[Part 2/2]

Table 3.9a Within- and between-school variance in learning time in science

		Individual study							Total learning hours						
		Between-school variance	Within-school variance	Proportion of between school variance	Mean hours per week		Standard deviation		Between-school variance	Within-school variance	Proportion of between school variance	Mean hours per week		Standard deviation	
					Mean	S.E.	S.D.	S.E.				Mean	S.E.	S.D.	S.E.
OECD	Australia	0.15	1.55	0.09	1.17	(0.02)	1.30	(0.02)	1.25	8.55	0.13	4.77	(0.05)	3.12	(0.03)
	Austria	0.17	2.09	0.08	1.28	(0.03)	1.50	(0.03)	1.74	7.53	0.19	3.96	(0.09)	3.02	(0.06)
	Belgium	0.15	1.46	0.09	1.25	(0.02)	1.27	(0.02)	1.68	7.84	0.18	4.20	(0.07)	3.10	(0.04)
	Canada	0.21	2.06	0.09	1.55	(0.02)	1.53	(0.02)	1.33	10.89	0.11	6.13	(0.06)	3.55	(0.04)
	Czech Republic	0.13	1.43	0.08	1.00	(0.03)	1.26	(0.03)	3.10	8.02	0.28	4.47	(0.10)	3.32	(0.06)
	Denmark	0.06	1.04	0.06	1.09	(0.02)	1.05	(0.02)	0.69	5.90	0.11	5.06	(0.07)	2.56	(0.05)
	Finland	0.02	0.93	0.02	1.07	(0.02)	0.97	(0.02)	0.27	5.17	0.05	4.52	(0.06)	2.33	(0.05)
	France	0.21	1.53	0.12	1.31	(0.03)	1.32	(0.03)	2.60	7.24	0.26	4.72	(0.08)	3.14	(0.05)
	Germany	0.06	2.31	0.02	1.71	(0.03)	1.54	(0.02)	1.17	9.37	0.11	5.28	(0.07)	3.24	(0.05)
	Greece	0.14	2.96	0.05	1.85	(0.04)	1.76	(0.03)	2.32	16.02	0.13	7.02	(0.10)	4.26	(0.06)
	Hungary	0.13	2.14	0.06	1.60	(0.03)	1.51	(0.03)	1.21	10.61	0.10	5.10	(0.08)	3.45	(0.06)
	Iceland	0.06	1.21	0.04	1.16	(0.02)	1.13	(0.03)	0.47	5.09	0.08	4.42	(0.04)	2.35	(0.05)
	Ireland	0.06	1.69	0.04	1.20	(0.03)	1.32	(0.02)	0.50	7.38	0.06	4.05	(0.07)	2.81	(0.05)
	Italy	0.45	2.76	0.14	2.10	(0.04)	1.81	(0.02)	2.57	11.12	0.19	5.58	(0.10)	3.74	(0.06)
	Japan	0.07	0.69	0.09	0.69	(0.02)	0.87	(0.02)	1.11	2.88	0.28	3.65	(0.07)	1.99	(0.05)
	Korea	0.28	1.52	0.16	1.22	(0.06)	1.35	(0.09)	3.12	6.22	0.33	5.84	(0.14)	3.09	(0.23)
	Luxembourg	0.04	1.83	0.02	1.25	(0.02)	1.36	(0.03)	0.63	8.73	0.07	4.09	(0.05)	3.03	(0.05)
	Mexico	0.16	3.15	0.05	2.12	(0.03)	1.84	(0.02)	0.94	15.68	0.06	6.24	(0.07)	4.14	(0.04)
	Netherlands	0.09	1.62	0.05	1.21	(0.03)	1.31	(0.03)	1.01	9.58	0.10	3.90	(0.06)	3.25	(0.05)
	New Zealand	0.11	1.63	0.07	1.28	(0.02)	1.32	(0.02)	0.73	8.25	0.08	5.74	(0.06)	3.00	(0.05)
	Norway	0.04	1.27	0.03	1.23	(0.02)	1.15	(0.02)	0.22	6.01	0.04	4.80	(0.05)	2.50	(0.05)
	Poland	0.06	2.65	0.02	2.02	(0.03)	1.65	(0.02)	0.39	9.59	0.04	5.36	(0.07)	3.16	(0.05)
	Portugal	0.08	3.26	0.02	2.09	(0.04)	1.83	(0.02)	0.58	16.63	0.03	5.93	(0.08)	4.16	(0.04)
	Slovak Republic	0.34	1.98	0.15	1.39	(0.04)	1.53	(0.03)	4.35	8.98	0.33	4.51	(0.12)	3.69	(0.07)
	Spain	0.11	2.54	0.04	1.74	(0.03)	1.64	(0.02)	0.88	11.28	0.07	5.56	(0.07)	3.53	(0.04)
	Sweden	0.03	1.12	0.03	1.15	(0.02)	1.08	(0.03)	0.36	4.45	0.08	4.45	(0.04)	2.18	(0.05)
	Switzerland	0.11	1.22	0.08	1.12	(0.02)	1.16	(0.02)	1.61	6.34	0.20	3.87	(0.06)	2.86	(0.04)
	Turkey	0.31	3.11	0.09	1.64	(0.05)	1.85	(0.03)	5.29	21.49	0.20	5.81	(0.18)	5.18	(0.09)
	United Kingdom	0.10	1.40	0.07	1.45	(0.02)	1.23	(0.02)	0.66	6.32	0.09	6.18	(0.05)	2.66	(0.04)
	United States	0.08	2.39	0.03	1.68	(0.03)	1.57	(0.02)	0.31	12.80	0.02	6.01	(0.06)	3.62	(0.04)
	OECD average	0.13	1.89	0.07	0.27	(0.03)	0.26	(0.03)	1.44	9.20	0.13	0.93	(0.08)	0.60	(0.06)
Partners	Argentina	0.13	2.32	0.05	1.59	(0.04)	1.58	(0.03)	0.72	9.02	0.07	4.32	(0.09)	3.14	(0.05)
	Azerbaijan	0.27	4.46	0.06	2.64	(0.05)	2.17	(0.03)	1.58	16.91	0.09	6.83	(0.10)	4.29	(0.08)
	Brazil	0.14	2.41	0.05	1.70	(0.02)	1.59	(0.02)	0.99	8.57	0.10	4.70	(0.06)	3.09	(0.06)
	Bulgaria	0.36	3.38	0.10	2.00	(0.06)	1.93	(0.03)	2.20	15.23	0.13	5.65	(0.13)	4.17	(0.06)
	Chile	0.06	2.15	0.03	1.52	(0.03)	1.49	(0.02)	1.15	11.33	0.09	4.70	(0.07)	3.53	(0.05)
	Colombia	0.08	2.77	0.03	1.83	(0.04)	1.69	(0.02)	0.77	11.33	0.06	6.28	(0.17)	3.53	(0.12)
	Croatia	0.34	2.32	0.13	1.46	(0.04)	1.63	(0.03)	1.86	8.64	0.18	3.93	(0.09)	3.24	(0.05)
	Estonia	0.08	2.13	0.04	1.54	(0.03)	1.49	(0.03)	0.45	9.80	0.04	5.57	(0.06)	3.20	(0.06)
	Hong Kong-China	0.17	3.22	0.05	1.44	(0.03)	1.84	(0.03)	1.33	25.73	0.05	5.45	(0.10)	5.20	(0.05)
	Indonesia	0.15	2.10	0.07	1.78	(0.03)	1.51	(0.02)	2.38	9.19	0.21	6.04	(0.11)	3.47	(0.08)
	Israel	0.34	2.32	0.13	1.35	(0.04)	1.63	(0.03)	1.71	14.44	0.11	4.75	(0.10)	4.02	(0.06)
	Jordan	0.18	3.92	0.04	2.65	(0.04)	2.03	(0.02)	0.74	16.23	0.04	7.40	(0.09)	4.15	(0.05)
	Kyrgyzstan	0.15	4.31	0.03	2.14	(0.03)	2.12	(0.02)	0.90	15.75	0.05	5.63	(0.09)	4.11	(0.06)
	Latvia	0.09	2.38	0.04	1.80	(0.03)	1.57	(0.03)	0.82	10.07	0.08	5.30	(0.09)	3.30	(0.05)
	Liechtenstein	0.01	1.44	0.01	1.20	(0.06)	1.20	(0.09)	0.46	5.82	0.07	4.29	(0.10)	2.52	(0.11)
	Lithuania	0.04	2.29	0.02	1.69	(0.03)	1.53	(0.02)	0.27	9.31	0.03	4.94	(0.06)	3.09	(0.04)
	Macao-China	0.10	2.39	0.04	1.37	(0.03)	1.57	(0.03)	0.73	16.25	0.04	6.11	(0.06)	4.12	(0.06)
	Montenegro	0.14	3.64	0.04	2.20	(0.03)	1.95	(0.02)	1.06	16.31	0.06	6.08	(0.07)	4.18	(0.05)
	Qatar	0.10	2.99	0.03	2.04	(0.02)	1.75	(0.02)	1.41	15.27	0.08	6.21	(0.06)	4.07	(0.05)
	Romania	0.15	2.86	0.05	1.61	(0.05)	1.74	(0.03)	1.27	14.47	0.08	4.88	(0.11)	3.96	(0.07)
	Russian Federation	0.51	4.08	0.11	2.87	(0.06)	2.14	(0.02)	2.74	15.88	0.15	7.72	(0.13)	4.31	(0.06)
	Serbia	0.28	2.96	0.09	1.71	(0.04)	1.80	(0.03)	1.96	13.11	0.13	5.35	(0.10)	3.89	(0.06)
	Slovenia	0.11	1.99	0.05	1.53	(0.02)	1.44	(0.02)	1.80	9.43	0.16	5.08	(0.05)	3.35	(0.04)
	Chinese Taipei	0.26	1.71	0.13	1.24	(0.03)	1.41	(0.02)	3.83	9.30	0.29	4.94	(0.10)	3.65	(0.05)
	Thailand	0.20	2.12	0.09	1.80	(0.03)	1.53	(0.03)	2.66	8.95	0.23	6.52	(0.07)	3.46	(0.05)
	Tunisia	0.09	4.00	0.02	2.61	(0.04)	2.02	(0.02)	1.47	17.39	0.08	7.14	(0.10)	4.35	(0.07)
	Uruguay	0.13	1.80	0.07	1.32	(0.03)	1.40	(0.03)	1.31	10.37	0.11	4.35	(0.07)	3.43	(0.06)

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[Part 1/2]

Table 3.9b Within- and between-school variance in learning time in mathematics

		Regular school lessons							Out-of-school-time lessons						
		Between-school variance	Within-school variance	Proportion of between school variance	Mean hours per week		Standard deviation		Between-school variance	Within-school variance	Proportion of between school variance	Mean hours per week		Standard deviation	
					Mean	S.E.	S.D.	S.E.				Mean	S.E.	S.D.	S.E.
OECD	Australia	0.24	2.42	0.09	4.10	(0.03)	1.63	(0.01)	0.05	1.57	0.03	0.75	(0.02)	1.28	(0.02)
	Austria	0.42	1.97	0.17	3.22	(0.05)	1.55	(0.03)	0.07	1.20	0.06	0.51	(0.02)	1.13	(0.03)
	Belgium	0.74	2.44	0.23	3.58	(0.04)	1.79	(0.02)	0.07	1.17	0.05	0.55	(0.01)	1.12	(0.02)
	Canada	0.28	3.88	0.07	4.50	(0.04)	2.06	(0.02)	0.07	1.92	0.04	0.94	(0.02)	1.43	(0.02)
	Czech Republic	0.31	2.02	0.13	4.00	(0.05)	1.55	(0.02)	0.04	1.49	0.03	0.76	(0.02)	1.25	(0.03)
	Denmark	0.17	1.80	0.09	4.44	(0.03)	1.40	(0.02)	0.08	1.94	0.04	1.36	(0.03)	1.42	(0.02)
	Finland	0.20	1.64	0.11	3.45	(0.04)	1.35	(0.02)	0.01	0.69	0.01	0.37	(0.02)	0.84	(0.03)
	France	0.24	1.90	0.11	3.84	(0.03)	1.46	(0.02)	0.03	1.49	0.02	0.93	(0.02)	1.23	(0.02)
	Germany	0.20	2.35	0.08	3.88	(0.04)	1.60	(0.03)	0.12	1.73	0.07	0.82	(0.03)	1.36	(0.03)
	Greece	0.33	2.70	0.11	3.45	(0.04)	1.73	(0.02)	0.55	3.59	0.13	2.23	(0.05)	2.02	(0.02)
	Hungary	0.30	2.53	0.10	3.29	(0.04)	1.68	(0.02)	0.06	2.16	0.02	1.29	(0.03)	1.49	(0.02)
	Iceland	0.11	2.27	0.05	4.74	(0.02)	1.54	(0.02)	0.09	1.42	0.06	0.72	(0.02)	1.23	(0.03)
	Ireland	0.05	2.61	0.02	3.66	(0.03)	1.63	(0.02)	0.01	1.53	0.01	0.72	(0.02)	1.24	(0.03)
	Italy	0.44	2.61	0.14	3.74	(0.03)	1.75	(0.01)	0.09	1.96	0.04	0.89	(0.02)	1.43	(0.02)
	Japan	1.34	1.40	0.49	4.24	(0.07)	1.65	(0.04)	0.13	1.45	0.08	0.71	(0.03)	1.26	(0.04)
	Korea	0.50	1.75	0.22	4.70	(0.04)	1.50	(0.03)	0.93	3.41	0.21	2.28	(0.04)	2.08	(0.03)
	Luxembourg	0.10	2.59	0.04	3.86	(0.03)	1.63	(0.02)	0.03	1.73	0.02	0.83	(0.02)	1.33	(0.02)
	Mexico	0.40	4.34	0.08	3.94	(0.03)	2.21	(0.02)	0.13	2.34	0.05	1.18	(0.03)	1.61	(0.03)
	Netherlands	0.16	2.09	0.07	2.87	(0.03)	1.51	(0.03)	0.04	1.14	0.03	0.69	(0.02)	1.09	(0.02)
	New Zealand	0.09	2.12	0.04	4.38	(0.03)	1.49	(0.02)	0.07	1.44	0.05	0.68	(0.02)	1.23	(0.03)
	Norway	0.10	1.92	0.05	3.39	(0.03)	1.43	(0.02)	0.03	1.52	0.02	1.05	(0.02)	1.25	(0.03)
	Poland	0.14	2.93	0.05	4.36	(0.04)	1.75	(0.02)	0.05	1.25	0.04	0.78	(0.02)	1.14	(0.03)
	Portugal	0.30	3.40	0.08	3.61	(0.04)	1.92	(0.02)	0.04	1.45	0.03	0.81	(0.02)	1.22	(0.03)
	Slovak Republic	0.92	1.58	0.37	3.29	(0.05)	1.56	(0.02)	0.09	1.33	0.06	0.88	(0.03)	1.19	(0.03)
	Spain	0.17	1.98	0.08	3.42	(0.03)	1.48	(0.02)	0.12	2.30	0.05	0.99	(0.02)	1.56	(0.02)
	Sweden	0.07	1.22	0.06	3.09	(0.03)	1.13	(0.02)	0.02	1.02	0.02	0.61	(0.02)	1.02	(0.02)
	Switzerland	0.37	2.30	0.14	3.86	(0.04)	1.67	(0.02)	0.10	1.28	0.07	0.70	(0.02)	1.18	(0.03)
	Turkey	0.66	3.36	0.16	3.82	(0.06)	2.01	(0.04)	0.29	4.01	0.07	2.08	(0.05)	2.08	(0.03)
	United Kingdom	0.15	1.84	0.08	3.78	(0.03)	1.42	(0.02)	0.05	1.06	0.05	0.63	(0.02)	1.06	(0.02)
	United States	0.16	4.53	0.03	3.77	(0.05)	2.17	(0.03)	0.07	2.33	0.03	1.15	(0.03)	1.55	(0.03)
	OECD average	0.32	0.46	0.12	0.70	(0.04)	0.30	(0.02)	0.12	1.76	0.05	0.20	(0.02)	0.25	(0.03)
Partners	Argentina	0.36	3.21	0.10	2.95	(0.06)	1.90	(0.03)	0.08	1.78	0.04	0.78	(0.04)	1.37	(0.04)
	Azerbaijan	0.50	4.95	0.09	3.79	(0.06)	2.33	(0.02)	0.21	3.86	0.05	1.70	(0.05)	2.02	(0.03)
	Brazil	0.31	3.17	0.09	3.15	(0.04)	1.87	(0.02)	0.12	2.29	0.05	1.21	(0.03)	1.55	(0.03)
	Bulgaria	0.55	3.40	0.14	2.98	(0.07)	1.99	(0.04)	0.05	2.42	0.02	1.14	(0.04)	1.58	(0.04)
	Chile	0.74	4.41	0.14	3.49	(0.06)	2.26	(0.02)	0.05	1.77	0.03	0.99	(0.03)	1.35	(0.02)
	Colombia	0.44	3.02	0.13	4.21	(0.06)	1.86	(0.03)	0.07	2.37	0.03	1.23	(0.03)	1.56	(0.03)
	Croatia	0.30	1.91	0.14	3.05	(0.04)	1.48	(0.02)	0.07	1.60	0.04	0.77	(0.02)	1.29	(0.03)
	Estonia	0.14	2.82	0.05	4.19	(0.04)	1.72	(0.03)	0.06	1.83	0.03	0.99	(0.03)	1.37	(0.03)
	Hong Kong-China	0.28	3.25	0.08	5.23	(0.04)	1.88	(0.03)	0.09	2.76	0.03	1.39	(0.04)	1.69	(0.03)
	Indonesia	0.56	3.04	0.16	4.09	(0.07)	1.91	(0.03)	0.22	2.05	0.10	1.36	(0.05)	1.52	(0.03)
	Israel	0.39	3.67	0.10	4.12	(0.04)	2.01	(0.03)	0.22	3.88	0.05	2.15	(0.04)	2.03	(0.02)
	Jordan	0.32	5.07	0.06	3.48	(0.05)	2.33	(0.02)	0.13	3.51	0.04	1.82	(0.04)	1.92	(0.03)
	Kyrgyzstan	0.49	4.81	0.09	2.88	(0.05)	2.32	(0.02)	0.13	3.06	0.04	1.55	(0.04)	1.79	(0.03)
	Latvia	0.16	2.66	0.06	4.49	(0.04)	1.68	(0.02)	0.09	1.95	0.04	1.20	(0.04)	1.43	(0.03)
	Liechtenstein	0.19	2.74	0.07	3.98	(0.08)	1.69	(0.05)	0.08	0.91	0.08	0.58	(0.05)	1.00	(0.07)
	Lithuania	0.26	3.12	0.08	3.50	(0.04)	1.84	(0.02)	0.03	1.23	0.03	0.74	(0.02)	1.12	(0.02)
	Macao-China	0.22	3.11	0.07	5.41	(0.03)	1.81	(0.02)	0.06	3.05	0.02	1.20	(0.03)	1.76	(0.03)
	Montenegro	0.22	4.24	0.05	3.09	(0.04)	2.10	(0.02)	0.03	2.41	0.01	0.93	(0.02)	1.56	(0.03)
	Qatar	0.58	4.39	0.12	3.11	(0.03)	2.20	(0.01)	0.10	3.63	0.03	1.85	(0.03)	1.93	(0.02)
	Romania	0.57	2.89	0.16	3.01	(0.07)	1.86	(0.05)	0.11	2.82	0.04	1.50	(0.03)	1.71	(0.03)
	Russian Federation	0.59	2.73	0.18	3.63	(0.06)	1.82	(0.03)	0.10	1.66	0.06	1.13	(0.03)	1.33	(0.03)
	Serbia	0.27	2.45	0.10	3.27	(0.04)	1.65	(0.02)	0.03	2.15	0.01	0.97	(0.02)	1.48	(0.03)
	Slovenia	0.49	2.45	0.17	3.33	(0.03)	1.70	(0.01)	0.09	1.92	0.04	1.02	(0.02)	1.40	(0.03)
	Chinese Taipei	1.28	3.02	0.30	4.26	(0.05)	2.08	(0.02)	0.48	2.61	0.16	1.53	(0.04)	1.77	(0.02)
	Thailand	0.52	1.45	0.26	3.77	(0.03)	1.43	(0.02)	0.23	1.79	0.11	0.92	(0.03)	1.42	(0.03)
	Tunisia	0.25	4.09	0.06	3.39	(0.04)	2.08	(0.02)	0.05	4.50	0.01	2.42	(0.03)	2.13	(0.02)
	Uruguay	0.33	2.89	0.10	3.31	(0.03)	1.80	(0.02)	0.04	1.82	0.02	0.84	(0.03)	1.37	(0.03)



[Part 2/2]
Table 3.9b Within- and between-school variance in learning time in mathematics

		Individual study							Total learning hours						
		Between-school variance	Within-school variance	Proportion of between school variance	Mean hours per week		Standard deviation		Between-school variance	Within-school variance	Proportion of between school variance	Mean hours per week		Standard deviation	
					Mean	S.E.	S.D.	S.E.				Mean	S.E.	S.D.	S.E.
OECD	Australia	0.22	2.19	0.09	1.79	(0.02)	1.55	(0.02)	0.94	9.26	0.09	6.65	(0.05)	3.19	(0.04)
	Austria	0.15	2.84	0.05	2.13	(0.04)	1.73	(0.02)	1.15	8.61	0.12	5.88	(0.08)	3.13	(0.05)
	Belgium	0.26	2.02	0.11	1.79	(0.03)	1.52	(0.02)	1.81	8.13	0.18	5.93	(0.06)	3.17	(0.04)
	Canada	0.23	2.78	0.08	1.97	(0.03)	1.76	(0.02)	0.92	12.60	0.07	7.45	(0.07)	3.72	(0.04)
	Czech Republic	0.07	1.82	0.04	1.32	(0.03)	1.39	(0.04)	0.65	7.84	0.08	6.06	(0.08)	2.95	(0.07)
	Denmark	0.07	1.82	0.04	1.74	(0.02)	1.38	(0.02)	0.62	8.32	0.07	7.52	(0.06)	2.99	(0.05)
	Finland	0.03	0.98	0.03	1.20	(0.02)	1.00	(0.02)	0.29	4.50	0.06	5.02	(0.06)	2.19	(0.05)
	France	0.16	1.98	0.08	1.74	(0.03)	1.46	(0.02)	0.66	7.41	0.08	6.50	(0.06)	2.84	(0.04)
	Germany	0.14	2.70	0.05	2.27	(0.03)	1.69	(0.02)	0.86	9.92	0.08	6.99	(0.07)	3.29	(0.06)
	Greece	0.10	3.29	0.03	2.01	(0.03)	1.84	(0.02)	1.95	15.29	0.11	7.71	(0.10)	4.13	(0.05)
	Hungary	0.12	2.30	0.05	1.84	(0.03)	1.56	(0.03)	0.81	11.67	0.06	6.42	(0.09)	3.53	(0.06)
	Iceland	0.08	2.11	0.04	1.71	(0.02)	1.48	(0.02)	0.42	7.54	0.05	7.18	(0.05)	2.81	(0.05)
	Ireland	0.07	2.31	0.03	1.76	(0.03)	1.54	(0.03)	0.14	9.89	0.01	6.14	(0.06)	3.17	(0.06)
	Italy	0.40	2.90	0.12	2.48	(0.03)	1.83	(0.02)	1.72	10.96	0.14	7.12	(0.07)	3.58	(0.03)
	Japan	0.74	1.79	0.29	1.48	(0.06)	1.59	(0.05)	4.60	5.99	0.43	6.43	(0.13)	3.26	(0.08)
	Korea	0.93	3.38	0.22	2.31	(0.06)	2.08	(0.05)	5.81	12.37	0.32	9.32	(0.13)	4.25	(0.09)
	Luxembourg	0.02	2.22	0.01	1.71	(0.02)	1.50	(0.02)	0.19	8.89	0.02	6.42	(0.05)	3.01	(0.04)
	Mexico	0.15	3.10	0.04	2.26	(0.03)	1.83	(0.02)	0.82	13.76	0.06	7.35	(0.07)	3.88	(0.05)
	Netherlands	0.10	1.61	0.06	1.47	(0.03)	1.31	(0.03)	0.41	7.30	0.05	5.02	(0.07)	2.79	(0.06)
	New Zealand	0.11	2.01	0.05	1.59	(0.03)	1.46	(0.03)	0.38	7.95	0.05	6.66	(0.05)	2.89	(0.06)
	Norway	0.07	1.71	0.04	1.40	(0.03)	1.33	(0.03)	0.23	7.63	0.03	5.84	(0.06)	2.81	(0.05)
	Poland	0.06	2.80	0.02	2.09	(0.03)	1.69	(0.02)	0.37	9.80	0.04	7.23	(0.06)	3.19	(0.04)
	Portugal	0.05	2.77	0.02	1.96	(0.03)	1.68	(0.02)	0.61	11.74	0.05	6.38	(0.07)	3.52	(0.05)
	Slovak Republic	0.20	2.12	0.09	1.69	(0.03)	1.52	(0.03)	2.50	7.43	0.25	5.87	(0.10)	3.12	(0.05)
	Spain	0.13	2.53	0.05	1.96	(0.03)	1.64	(0.02)	0.63	9.28	0.06	6.41	(0.06)	3.17	(0.04)
	Sweden	0.05	1.26	0.04	1.18	(0.02)	1.14	(0.03)	0.19	5.34	0.03	4.88	(0.04)	2.35	(0.06)
	Switzerland	0.11	1.70	0.06	1.69	(0.02)	1.35	(0.02)	0.86	7.00	0.11	6.26	(0.06)	2.85	(0.05)
	Turkey	0.26	3.61	0.07	2.31	(0.05)	1.97	(0.02)	3.24	20.08	0.14	8.17	(0.14)	4.83	(0.08)
	United Kingdom	0.08	1.39	0.06	1.49	(0.02)	1.22	(0.02)	0.41	6.10	0.06	5.90	(0.05)	2.56	(0.04)
	United States	0.06	3.08	0.02	2.05	(0.03)	1.77	(0.02)	0.19	15.98	0.01	7.01	(0.07)	4.02	(0.06)
	OECD average	0.17	2.30	0.07	0.34	(0.03)	0.29	(0.03)	1.15	9.62	0.10	1.22	(0.07)	0.60	(0.05)
Partners	Argentina	0.09	2.81	0.03	1.82	(0.04)	1.71	(0.03)	0.90	10.73	0.08	5.56	(0.10)	3.42	(0.07)
	Azerbaijan	0.29	5.23	0.05	2.95	(0.06)	2.36	(0.02)	1.82	23.41	0.07	8.49	(0.13)	5.04	(0.07)
	Brazil	0.13	2.63	0.05	1.80	(0.03)	1.66	(0.03)	0.83	11.93	0.06	6.14	(0.07)	3.56	(0.05)
	Bulgaria	0.39	3.36	0.10	2.08	(0.06)	1.94	(0.04)	2.06	16.16	0.11	6.23	(0.15)	4.27	(0.09)
	Chile	0.06	2.25	0.03	1.60	(0.03)	1.52	(0.02)	1.27	12.61	0.09	6.12	(0.10)	3.73	(0.04)
	Colombia	0.04	2.91	0.01	1.93	(0.03)	1.72	(0.03)	0.69	12.38	0.05	7.37	(0.08)	3.62	(0.08)
	Croatia	0.15	2.53	0.06	1.80	(0.03)	1.64	(0.02)	0.84	8.44	0.09	5.66	(0.06)	3.05	(0.05)
	Estonia	0.06	2.88	0.02	1.96	(0.03)	1.71	(0.02)	0.40	10.75	0.04	7.15	(0.07)	3.34	(0.06)
	Hong Kong-China	0.24	3.29	0.07	2.24	(0.04)	1.88	(0.03)	1.01	13.91	0.07	8.87	(0.08)	3.86	(0.05)
	Indonesia	0.12	2.35	0.05	1.99	(0.03)	1.57	(0.02)	1.47	10.31	0.12	7.44	(0.10)	3.44	(0.06)
	Israel	0.22	3.91	0.05	2.33	(0.05)	2.04	(0.03)	1.45	20.12	0.07	8.69	(0.11)	4.64	(0.07)
	Jordan	0.17	4.16	0.04	2.69	(0.04)	2.09	(0.02)	0.77	19.61	0.04	7.96	(0.08)	4.55	(0.06)
	Kyrgyzstan	0.10	4.44	0.02	2.22	(0.03)	2.14	(0.02)	0.85	20.15	0.04	6.71	(0.09)	4.62	(0.06)
	Latvia	0.09	3.07	0.03	2.44	(0.04)	1.78	(0.02)	0.52	10.89	0.05	8.14	(0.09)	3.38	(0.05)
	Liechtenstein	0.05	1.31	0.03	1.49	(0.06)	1.16	(0.06)	0.50	5.97	0.08	6.04	(0.12)	2.52	(0.11)
	Lithuania	0.08	2.48	0.03	1.78	(0.03)	1.60	(0.02)	0.58	9.55	0.06	6.02	(0.06)	3.18	(0.05)
	Macao-China	0.58	3.03	0.16	2.07	(0.03)	1.86	(0.02)	1.50	12.75	0.11	8.68	(0.06)	3.72	(0.04)
	Montenegro	0.04	3.57	0.01	2.03	(0.03)	1.90	(0.02)	0.42	15.35	0.03	6.03	(0.07)	3.97	(0.05)
	Qatar	0.08	3.47	0.02	2.22	(0.02)	1.88	(0.01)	0.86	18.97	0.04	7.21	(0.06)	4.44	(0.04)
	Romania	0.22	3.51	0.06	2.16	(0.04)	1.93	(0.03)	1.95	16.66	0.10	6.67	(0.11)	4.30	(0.08)
	Russian Federation	0.36	2.83	0.11	2.23	(0.05)	1.78	(0.03)	1.97	10.77	0.15	6.99	(0.10)	3.55	(0.06)
	Serbia	0.10	2.86	0.03	1.82	(0.03)	1.72	(0.02)	0.77	11.71	0.06	6.06	(0.07)	3.53	(0.05)
	Slovenia	0.18	2.49	0.07	1.92	(0.02)	1.62	(0.02)	1.16	11.00	0.10	6.30	(0.05)	3.44	(0.04)
	Chinese Taipei	0.52	2.44	0.18	1.88	(0.04)	1.72	(0.02)	5.51	11.74	0.32	7.72	(0.12)	4.17	(0.04)
	Thailand	0.22	2.09	0.09	1.81	(0.03)	1.52	(0.02)	2.23	7.73	0.22	6.50	(0.07)	3.22	(0.05)
	Tunisia	0.08	4.47	0.02	2.57	(0.04)	2.13	(0.02)	0.91	21.24	0.04	8.38	(0.10)	4.70	(0.06)
	Uruguay	0.08	2.22	0.03	1.57	(0.03)	1.52	(0.03)	0.60	10.60	0.05	5.74	(0.07)	3.36	(0.07)

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[Part 1/2]

Table 3.9c Within- and between-school variance in learning time on the language of instruction

		Regular school lessons							Out-of-school-time lessons						
		Between-school variance	Within-school variance	Proportion of between school variance	Mean hours per week		Standard deviation		Between-school variance	Within-school variance	Proportion of between school variance	Mean hours per week		Standard deviation	
					Mean	S.E.	S.D.	S.E.				Mean	S.E.	S.D.	S.E.
OECD	Australia	0.25	2.26	0.10	4.06	(0.03)	1.58	(0.01)	0.04	1.49	0.02	0.66	(0.02)	1.24	(0.02)
	Austria	0.34	1.62	0.17	2.87	(0.03)	1.39	(0.03)	0.06	0.59	0.09	0.24	(0.02)	0.80	(0.04)
	Belgium	0.47	2.43	0.16	3.49	(0.03)	1.71	(0.02)	0.06	1.03	0.05	0.46	(0.01)	1.05	(0.03)
	Canada	0.27	4.13	0.06	4.43	(0.04)	2.12	(0.02)	0.08	2.03	0.04	0.86	(0.02)	1.47	(0.02)
	Czech Republic	0.19	1.83	0.10	3.72	(0.03)	1.44	(0.02)	0.02	1.13	0.02	0.61	(0.01)	1.08	(0.02)
	Denmark	0.24	2.16	0.10	5.50	(0.03)	1.55	(0.02)	0.08	2.78	0.03	1.68	(0.03)	1.69	(0.02)
	Finland	0.23	1.43	0.14	3.13	(0.05)	1.29	(0.04)	0.01	0.71	0.01	0.36	(0.01)	0.85	(0.03)
	France	0.24	1.94	0.11	4.01	(0.03)	1.47	(0.02)	0.06	1.30	0.05	0.77	(0.02)	1.17	(0.02)
	Germany	0.18	2.36	0.07	3.66	(0.03)	1.60	(0.03)	0.14	1.38	0.09	0.61	(0.02)	1.23	(0.03)
	Greece	0.39	3.31	0.11	3.18	(0.04)	1.91	(0.02)	0.14	3.01	0.04	1.63	(0.03)	1.77	(0.03)
	Hungary	0.36	2.44	0.13	3.18	(0.04)	1.66	(0.02)	0.08	2.31	0.03	1.31	(0.03)	1.54	(0.03)
	Iceland	0.14	2.30	0.06	4.52	(0.02)	1.56	(0.02)	0.06	0.98	0.06	0.46	(0.02)	1.02	(0.04)
	Ireland	0.07	2.64	0.03	3.55	(0.03)	1.65	(0.02)	0.03	1.68	0.02	0.63	(0.02)	1.31	(0.03)
	Italy	0.40	3.51	0.10	4.62	(0.03)	1.99	(0.01)	0.15	2.18	0.06	0.79	(0.02)	1.53	(0.02)
	Japan	0.63	1.41	0.31	3.82	(0.04)	1.42	(0.03)	0.06	0.82	0.06	0.43	(0.02)	0.93	(0.03)
	Korea	0.39	1.73	0.18	4.48	(0.04)	1.45	(0.03)	0.40	2.21	0.15	1.45	(0.04)	1.61	(0.02)
	Luxembourg	0.26	2.55	0.09	3.50	(0.03)	1.65	(0.01)	0.05	1.44	0.03	0.60	(0.02)	1.22	(0.02)
	Mexico	0.31	4.41	0.07	3.73	(0.04)	2.20	(0.01)	0.13	2.13	0.06	1.10	(0.03)	1.53	(0.03)
	Netherlands	0.07	1.59	0.04	2.92	(0.03)	1.29	(0.02)	0.09	1.07	0.08	0.64	(0.02)	1.08	(0.02)
	New Zealand	0.09	2.09	0.04	4.39	(0.03)	1.48	(0.03)	0.08	1.50	0.05	0.65	(0.03)	1.26	(0.04)
	Norway	0.23	2.19	0.09	3.60	(0.04)	1.56	(0.02)	0.04	1.89	0.02	1.16	(0.02)	1.39	(0.03)
	Poland	0.09	2.94	0.03	4.64	(0.03)	1.74	(0.02)	0.06	1.25	0.05	0.70	(0.03)	1.15	(0.03)
	Portugal	0.10	2.21	0.04	3.27	(0.03)	1.52	(0.02)	0.06	1.03	0.06	0.57	(0.02)	1.05	(0.02)
	Slovak Republic	0.76	1.47	0.34	3.12	(0.05)	1.48	(0.02)	0.07	1.34	0.05	0.89	(0.03)	1.19	(0.02)
	Spain	0.25	2.03	0.11	3.60	(0.03)	1.53	(0.02)	0.07	1.53	0.04	0.58	(0.02)	1.27	(0.03)
	Sweden	0.09	1.35	0.07	3.12	(0.03)	1.20	(0.03)	0.02	1.40	0.01	0.68	(0.02)	1.19	(0.04)
	Switzerland	0.43	2.28	0.16	3.65	(0.04)	1.66	(0.02)	0.09	1.03	0.08	0.49	(0.02)	1.06	(0.03)
	Turkey	0.49	2.60	0.16	3.99	(0.05)	1.77	(0.02)	0.22	3.25	0.06	1.81	(0.05)	1.87	(0.03)
	United Kingdom	0.16	1.88	0.08	3.89	(0.04)	1.44	(0.02)	0.06	1.13	0.05	0.59	(0.02)	1.10	(0.02)
	United States	0.20	4.63	0.04	3.64	(0.04)	2.20	(0.03)	0.06	2.32	0.03	1.11	(0.03)	1.54	(0.03)
	OECD average	0.28	0.46	0.11	0.70	(0.04)	0.30	(0.02)	0.08	1.60	0.05	0.17	(0.02)	0.24	(0.03)
Partners	Argentina	0.25	2.47	0.09	2.39	(0.05)	1.66	(0.05)	0.07	0.88	0.07	0.43	(0.03)	0.98	(0.04)
	Azerbaijan	0.28	4.32	0.06	3.69	(0.05)	2.14	(0.02)	0.17	4.01	0.04	1.80	(0.05)	2.05	(0.03)
	Brazil	0.28	3.32	0.08	3.10	(0.04)	1.90	(0.02)	0.10	2.15	0.05	1.18	(0.03)	1.50	(0.03)
	Bulgaria	0.26	3.16	0.08	2.91	(0.05)	1.85	(0.02)	0.10	2.32	0.04	1.09	(0.04)	1.56	(0.03)
	Chile	0.60	4.25	0.12	3.45	(0.06)	2.20	(0.02)	0.06	1.86	0.03	1.00	(0.03)	1.39	(0.03)
	Colombia	0.27	2.65	0.09	3.92	(0.05)	1.71	(0.03)	0.06	2.11	0.03	1.15	(0.03)	1.48	(0.03)
	Croatia	0.17	1.95	0.08	3.33	(0.03)	1.46	(0.02)	0.05	0.92	0.05	0.39	(0.02)	0.98	(0.03)
	Estonia	0.12	2.43	0.05	3.48	(0.04)	1.60	(0.02)	0.06	1.53	0.04	0.88	(0.03)	1.26	(0.03)
	Hong Kong-China	0.20	3.32	0.06	5.19	(0.04)	1.88	(0.03)	0.13	1.68	0.07	0.81	(0.03)	1.34	(0.03)
	Indonesia	0.63	2.66	0.19	3.64	(0.05)	1.83	(0.04)	0.16	1.84	0.08	1.25	(0.04)	1.42	(0.02)
	Israel	0.19	4.10	0.04	3.03	(0.04)	2.08	(0.02)	0.17	2.75	0.06	1.33	(0.03)	1.71	(0.03)
	Jordan	0.39	5.24	0.07	3.56	(0.05)	2.38	(0.02)	0.14	3.25	0.04	1.77	(0.04)	1.85	(0.02)
	Kyrgyzstan	0.37	4.32	0.08	2.74	(0.06)	2.18	(0.02)	0.14	3.30	0.04	1.70	(0.03)	1.86	(0.03)
	Latvia	0.17	2.21	0.07	3.69	(0.04)	1.54	(0.02)	0.07	1.51	0.05	0.88	(0.03)	1.26	(0.03)
	Liechtenstein	0.00	2.76	0.00	3.66	(0.08)	1.66	(0.05)	0.04	0.52	0.07	0.32	(0.04)	0.75	(0.08)
	Lithuania	0.21	3.30	0.06	3.66	(0.04)	1.87	(0.02)	0.04	1.32	0.03	0.66	(0.02)	1.17	(0.03)
	Macao-China	0.23	3.19	0.07	5.32	(0.03)	1.83	(0.02)	0.06	2.67	0.02	1.06	(0.03)	1.65	(0.03)
	Montenegro	0.22	4.41	0.05	2.93	(0.04)	2.15	(0.02)	0.03	2.05	0.02	0.75	(0.02)	1.44	(0.03)
	Qatar	0.52	4.21	0.11	2.90	(0.03)	2.13	(0.02)	0.12	2.97	0.04	1.59	(0.03)	1.76	(0.02)
	Romania	0.63	2.55	0.20	3.30	(0.06)	1.77	(0.04)	0.12	2.64	0.04	1.52	(0.03)	1.66	(0.03)
	Russian Federation	0.16	1.97	0.07	2.04	(0.04)	1.46	(0.02)	0.08	1.21	0.06	0.82	(0.03)	1.14	(0.03)
	Serbia	0.23	2.35	0.09	3.17	(0.04)	1.61	(0.02)	0.05	2.10	0.02	0.93	(0.03)	1.47	(0.03)
	Slovenia	0.34	2.72	0.11	3.25	(0.03)	1.73	(0.01)	0.08	1.23	0.06	0.73	(0.02)	1.13	(0.02)
	Chinese Taipei	0.79	2.97	0.21	4.37	(0.05)	1.94	(0.02)	0.09	1.57	0.06	0.69	(0.02)	1.29	(0.02)
	Thailand	0.50	0.78	0.39	3.10	(0.02)	1.18	(0.02)	0.15	1.12	0.12	0.56	(0.02)	1.12	(0.03)
	Tunisia	0.34	4.02	0.08	3.14	(0.05)	2.09	(0.02)	0.17	3.14	0.05	1.78	(0.04)	1.82	(0.03)
	Uruguay	0.20	2.68	0.07	2.74	(0.04)	1.70	(0.02)	0.06	1.41	0.04	0.65	(0.02)	1.22	(0.04)



[Part 2/2]

Table 3.9c Within- and between-school variance in learning time on the language of instruction

		Individual study							Total learning hours						
		Between-school variance	Within-school variance	Proportion of between school variance	Mean hours per week		Standard deviation		Between-school variance	Within-school variance	Proportion of between school variance	Mean hours per week		Standard deviation	
					Mean	S.E.	S.D.	S.E.				Mean	S.E.	S.D.	S.E.
OECD	Australia	0.13	2.12	0.06	1.71	(0.02)	1.50	(0.02)	0.64	8.66	0.07	6.43	(0.04)	3.05	(0.04)
	Austria	0.21	2.03	0.09	1.55	(0.04)	1.50	(0.03)	1.11	5.95	0.16	4.66	(0.07)	2.64	(0.06)
	Belgium	0.06	1.37	0.04	1.35	(0.02)	1.20	(0.02)	0.80	6.21	0.11	5.30	(0.04)	2.67	(0.04)
	Canada	0.24	2.53	0.09	1.74	(0.03)	1.70	(0.02)	0.97	13.03	0.07	7.06	(0.06)	3.80	(0.04)
	Czech Republic	0.07	1.35	0.05	1.16	(0.02)	1.20	(0.03)	0.35	6.00	0.06	5.49	(0.05)	2.54	(0.05)
	Denmark	0.06	2.36	0.02	2.16	(0.03)	1.56	(0.02)	0.69	10.91	0.06	9.34	(0.07)	3.40	(0.05)
	Finland	0.03	1.05	0.02	1.13	(0.02)	1.04	(0.03)	0.38	4.37	0.08	4.63	(0.07)	2.18	(0.06)
	France	0.08	1.70	0.05	1.51	(0.02)	1.34	(0.02)	0.42	6.84	0.06	6.30	(0.04)	2.69	(0.04)
	Germany	0.13	2.32	0.05	1.89	(0.03)	1.57	(0.02)	0.91	8.59	0.10	6.17	(0.05)	3.08	(0.07)
	Greece	0.07	3.04	0.02	1.94	(0.03)	1.76	(0.02)	1.12	16.61	0.06	6.75	(0.08)	4.20	(0.06)
	Hungary	0.13	2.31	0.05	1.86	(0.03)	1.56	(0.02)	0.91	12.18	0.07	6.36	(0.08)	3.61	(0.05)
	Iceland	0.08	1.67	0.05	1.54	(0.02)	1.32	(0.02)	0.39	6.27	0.06	6.54	(0.04)	2.57	(0.05)
	Ireland	0.06	2.52	0.02	1.75	(0.03)	1.61	(0.03)	0.24	10.59	0.02	5.94	(0.07)	3.29	(0.06)
	Italy	0.59	3.23	0.15	2.95	(0.04)	1.97	(0.02)	1.76	12.35	0.12	8.37	(0.07)	3.78	(0.04)
	Japan	0.19	1.05	0.16	0.94	(0.03)	1.12	(0.04)	1.47	4.18	0.26	5.19	(0.07)	2.38	(0.07)
	Korea	0.20	1.90	0.09	1.40	(0.03)	1.45	(0.03)	2.28	7.94	0.22	7.34	(0.09)	3.19	(0.05)
	Luxembourg	0.03	1.89	0.01	1.38	(0.02)	1.39	(0.02)	0.30	8.19	0.04	5.48	(0.04)	2.90	(0.04)
	Mexico	0.13	2.73	0.04	2.06	(0.03)	1.71	(0.02)	0.70	12.75	0.05	6.87	(0.07)	3.73	(0.04)
	Netherlands	0.04	1.31	0.03	1.33	(0.02)	1.16	(0.03)	0.33	5.25	0.06	4.89	(0.05)	2.37	(0.05)
	New Zealand	0.10	2.06	0.05	1.57	(0.03)	1.47	(0.03)	0.44	8.06	0.05	6.62	(0.06)	2.92	(0.07)
	Norway	0.07	1.81	0.04	1.44	(0.03)	1.37	(0.03)	0.48	8.80	0.05	6.19	(0.06)	3.05	(0.06)
	Poland	0.05	2.87	0.02	2.22	(0.03)	1.71	(0.02)	0.22	9.72	0.02	7.56	(0.05)	3.15	(0.04)
	Portugal	0.06	2.14	0.03	1.79	(0.03)	1.48	(0.02)	0.22	7.54	0.03	5.63	(0.05)	2.79	(0.05)
	Slovak Republic	0.16	2.15	0.07	1.74	(0.03)	1.52	(0.02)	1.64	7.20	0.19	5.75	(0.08)	2.96	(0.05)
	Spain	0.13	2.37	0.05	1.89	(0.03)	1.59	(0.02)	0.65	7.72	0.08	6.10	(0.05)	2.93	(0.04)
	Sweden	0.04	1.44	0.03	1.26	(0.02)	1.22	(0.04)	0.26	6.42	0.04	5.06	(0.06)	2.58	(0.10)
	Switzerland	0.08	1.30	0.06	1.40	(0.02)	1.17	(0.02)	0.83	6.16	0.12	5.54	(0.05)	2.66	(0.04)
	Turkey	0.22	3.10	0.07	2.18	(0.05)	1.83	(0.03)	1.92	15.45	0.11	7.96	(0.12)	4.18	(0.07)
	United Kingdom	0.09	1.65	0.05	1.59	(0.02)	1.33	(0.02)	0.45	6.64	0.06	6.08	(0.06)	2.68	(0.04)
	United States	0.10	2.78	0.04	1.87	(0.03)	1.70	(0.02)	0.30	15.34	0.02	6.65	(0.06)	3.95	(0.05)
	OECD average	0.12	2.07	0.05	0.31	(0.03)	0.27	(0.02)	0.77	8.86	0.08	1.16	(0.06)	0.57	(0.05)
Partners	Argentina	0.12	2.17	0.05	1.64	(0.04)	1.52	(0.04)	0.56	7.29	0.07	4.45	(0.08)	2.82	(0.07)
	Azerbaijan	0.21	5.07	0.04	3.10	(0.05)	2.30	(0.02)	0.89	22.54	0.04	8.66	(0.11)	4.85	(0.07)
	Brazil	0.12	2.57	0.04	1.74	(0.03)	1.64	(0.02)	0.60	11.86	0.05	6.01	(0.06)	3.52	(0.05)
	Bulgaria	0.32	3.12	0.09	2.05	(0.05)	1.85	(0.03)	1.22	15.11	0.07	6.08	(0.11)	4.04	(0.07)
	Chile	0.06	2.19	0.02	1.56	(0.03)	1.50	(0.03)	0.81	12.30	0.06	6.03	(0.08)	3.63	(0.06)
	Colombia	0.07	2.61	0.03	1.84	(0.04)	1.64	(0.03)	0.50	10.32	0.05	6.92	(0.08)	3.29	(0.07)
	Croatia	0.09	2.12	0.04	1.58	(0.03)	1.49	(0.02)	0.38	6.89	0.05	5.32	(0.06)	2.70	(0.05)
	Estonia	0.05	2.09	0.03	1.62	(0.03)	1.46	(0.02)	0.31	8.40	0.04	5.99	(0.06)	2.95	(0.05)
	Hong Kong-China	0.05	2.40	0.02	1.64	(0.03)	1.56	(0.03)	0.41	10.62	0.04	7.64	(0.08)	3.32	(0.06)
	Indonesia	0.18	1.89	0.09	1.80	(0.03)	1.44	(0.04)	1.67	8.66	0.16	6.68	(0.10)	3.24	(0.07)
	Israel	0.17	3.05	0.05	1.66	(0.04)	1.80	(0.03)	0.83	17.00	0.05	6.04	(0.09)	4.24	(0.07)
	Jordan	0.14	3.81	0.04	2.59	(0.04)	2.00	(0.02)	0.64	18.61	0.03	7.92	(0.09)	4.41	(0.06)
	Kyrgyzstan	0.08	4.51	0.02	2.34	(0.04)	2.15	(0.02)	0.79	20.54	0.04	6.85	(0.09)	4.64	(0.06)
	Latvia	0.07	2.19	0.03	2.01	(0.03)	1.51	(0.02)	0.58	8.25	0.07	6.58	(0.07)	2.98	(0.05)
	Liechtenstein	0.00	1.18	0.00	1.24	(0.06)	1.09	(0.10)	0.02	4.73	0.00	5.21	(0.10)	2.18	(0.10)
	Lithuania	0.06	2.51	0.02	1.82	(0.03)	1.60	(0.02)	0.30	9.86	0.03	6.13	(0.06)	3.19	(0.05)
	Macao-China	0.16	2.17	0.07	1.49	(0.03)	1.51	(0.03)	0.78	11.09	0.07	7.86	(0.06)	3.41	(0.05)
	Montenegro	0.05	3.51	0.01	1.99	(0.03)	1.88	(0.02)	0.43	16.35	0.03	5.66	(0.07)	4.08	(0.06)
	Qatar	0.06	3.35	0.02	2.04	(0.02)	1.85	(0.02)	0.68	16.70	0.04	6.51	(0.06)	4.16	(0.04)
	Romania	0.21	3.17	0.06	2.19	(0.04)	1.84	(0.02)	1.96	13.87	0.12	7.02	(0.10)	3.96	(0.09)
	Russian Federation	0.11	1.70	0.06	1.55	(0.04)	1.35	(0.03)	0.58	7.31	0.07	4.40	(0.07)	2.81	(0.06)
	Serbia	0.07	2.69	0.03	1.70	(0.03)	1.66	(0.03)	0.53	11.56	0.04	5.80	(0.07)	3.48	(0.06)
	Slovenia	0.08	1.67	0.04	1.48	(0.02)	1.31	(0.02)	0.42	8.18	0.05	5.47	(0.04)	2.89	(0.04)
	Chinese Taipei	0.17	2.18	0.07	1.77	(0.03)	1.54	(0.02)	1.55	9.21	0.14	6.87	(0.08)	3.29	(0.04)
	Thailand	0.20	1.86	0.10	1.71	(0.03)	1.44	(0.03)	1.82	5.11	0.26	5.36	(0.05)	2.66	(0.05)
	Tunisia	0.12	3.35	0.03	2.12	(0.04)	1.86	(0.03)	0.75	17.24	0.04	7.05	(0.10)	4.24	(0.06)
	Uruguay	0.07	1.78	0.04	1.35	(0.02)	1.37	(0.02)	0.42	9.23	0.04	4.76	(0.06)	3.12	(0.07)

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Table 3.9d [Part 1/2] Within- and between-school variance in learning time in science, in mathematics and on the language of instruction

		Regular school lessons							Out-of-school-time lessons						
		Between-school variance	Within-school variance	Proportion of between school variance	Mean hours per week		Standard deviation		Between-school variance	Within-school variance	Proportion of between school variance	Mean hours per week		Standard deviation	
					Mean	S.E.	S.D.	S.E.				Mean	S.E.	S.D.	S.E.
OECD	Australia	2.43	17.00	0.12	11.40	(0.07)	4.41	(0.03)	0.24	7.77	0.03	1.76	(0.04)	2.83	(0.04)
	Austria	2.42	9.56	0.20	8.56	(0.09)	3.44	(0.06)	0.33	3.69	0.08	0.94	(0.04)	2.00	(0.07)
	Belgium	5.34	15.70	0.25	9.70	(0.10)	4.61	(0.04)	0.40	5.63	0.07	1.32	(0.03)	2.47	(0.05)
	Canada	2.66	29.59	0.08	12.93	(0.11)	5.75	(0.05)	0.40	9.87	0.04	2.35	(0.05)	3.24	(0.04)
	Czech Republic	2.54	11.73	0.18	10.65	(0.11)	3.80	(0.04)	0.15	6.51	0.02	1.89	(0.04)	2.60	(0.05)
	Denmark	1.02	10.54	0.09	13.16	(0.07)	3.40	(0.05)	0.43	10.92	0.04	3.83	(0.07)	3.37	(0.04)
	Finland	1.24	10.03	0.11	9.71	(0.11)	3.36	(0.06)	0.07	4.01	0.02	1.06	(0.04)	2.02	(0.06)
	France	3.84	10.82	0.26	10.71	(0.10)	3.83	(0.05)	0.26	7.03	0.04	2.24	(0.04)	2.70	(0.04)
	Germany	1.34	14.74	0.08	10.61	(0.08)	4.01	(0.05)	0.70	7.75	0.08	1.92	(0.06)	2.91	(0.07)
	Greece	3.62	14.84	0.20	9.82	(0.12)	4.25	(0.05)	2.39	15.85	0.13	5.84	(0.11)	4.25	(0.04)
	Hungary	2.79	13.41	0.17	8.99	(0.10)	4.00	(0.05)	0.40	10.53	0.04	3.59	(0.06)	3.30	(0.05)
	Iceland	0.75	12.87	0.06	12.24	(0.06)	3.68	(0.04)	0.38	5.49	0.06	1.46	(0.04)	2.42	(0.07)
	Ireland	0.53	15.98	0.03	9.75	(0.08)	4.07	(0.06)	0.13	7.14	0.02	1.65	(0.05)	2.70	(0.06)
	Italy	3.34	17.21	0.16	11.27	(0.09)	4.55	(0.05)	0.62	9.94	0.06	2.25	(0.04)	3.26	(0.05)
	Japan	5.84	7.32	0.44	10.75	(0.13)	3.60	(0.07)	0.32	5.71	0.05	1.40	(0.05)	2.46	(0.06)
	Korea	3.56	10.37	0.26	12.76	(0.11)	3.73	(0.09)	4.17	13.94	0.23	4.74	(0.08)	4.25	(0.06)
	Luxembourg	1.44	13.29	0.10	9.71	(0.06)	3.78	(0.04)	0.28	7.68	0.03	1.93	(0.04)	2.82	(0.06)
	Mexico	2.25	29.51	0.07	10.84	(0.09)	5.73	(0.04)	0.93	12.99	0.07	3.28	(0.08)	3.82	(0.07)
	Netherlands	1.23	10.64	0.10	7.97	(0.07)	3.45	(0.04)	0.39	5.93	0.06	1.88	(0.05)	2.52	(0.05)
	New Zealand	1.06	17.33	0.06	12.84	(0.09)	4.29	(0.06)	0.42	7.90	0.05	1.74	(0.06)	2.89	(0.07)
	Norway	0.96	10.32	0.09	9.63	(0.08)	3.37	(0.05)	0.19	9.40	0.02	3.13	(0.05)	3.10	(0.04)
	Poland	0.72	16.25	0.04	11.71	(0.09)	4.12	(0.05)	0.29	6.13	0.04	2.11	(0.05)	2.53	(0.06)
	Portugal	1.86	20.68	0.08	10.08	(0.10)	4.75	(0.05)	0.22	7.77	0.03	1.99	(0.05)	2.83	(0.06)
	Slovak Republic	6.12	8.92	0.41	8.88	(0.14)	3.86	(0.06)	0.62	7.90	0.07	2.40	(0.07)	2.93	(0.06)
	Spain	1.50	13.95	0.10	10.15	(0.09)	3.98	(0.05)	0.58	11.34	0.05	2.24	(0.05)	3.47	(0.06)
	Sweden	0.60	7.15	0.08	9.01	(0.07)	2.78	(0.05)	0.13	6.69	0.02	1.79	(0.04)	2.61	(0.06)
	Switzerland	2.36	12.24	0.16	9.88	(0.09)	3.93	(0.05)	0.47	5.52	0.08	1.57	(0.04)	2.46	(0.06)
	Turkey	5.79	16.63	0.26	10.67	(0.16)	4.75	(0.06)	1.24	17.04	0.07	5.22	(0.09)	4.28	(0.05)
	United Kingdom	1.15	13.48	0.08	11.92	(0.09)	3.86	(0.05)	0.38	6.07	0.06	1.70	(0.05)	2.56	(0.05)
	United States	1.57	33.39	0.04	10.95	(0.13)	5.92	(0.07)	0.42	11.88	0.03	3.04	(0.07)	3.51	(0.04)
	OECD average	2.40	2.94	0.15	1.95	(0.10)	0.76	(0.05)	0.60	8.53	0.06	0.49	(0.05)	0.55	(0.06)
Partners	Argentina	2.20	17.13	0.11	7.62	(0.16)	4.44	(0.10)	0.43	6.68	0.06	1.66	(0.07)	2.68	(0.08)
	Azerbaijan	2.74	21.27	0.11	10.37	(0.12)	4.87	(0.07)	0.86	17.94	0.05	4.86	(0.10)	4.35	(0.06)
	Brazil	2.36	17.92	0.12	8.46	(0.09)	4.51	(0.05)	0.64	11.15	0.05	3.15	(0.07)	3.42	(0.07)
	Bulgaria	4.21	19.11	0.18	8.55	(0.17)	4.81	(0.07)	0.47	11.91	0.04	3.20	(0.08)	3.53	(0.07)
	Chile	5.43	25.50	0.18	9.28	(0.17)	5.54	(0.06)	0.25	8.89	0.03	2.81	(0.06)	3.03	(0.05)
	Colombia	2.70	17.17	0.14	11.66	(0.20)	4.48	(0.09)	0.37	12.00	0.03	3.31	(0.07)	3.52	(0.07)
	Croatia	2.03	10.68	0.16	8.43	(0.09)	3.56	(0.04)	0.23	5.83	0.04	1.58	(0.05)	2.46	(0.06)
	Estonia	0.81	17.30	0.04	10.95	(0.09)	4.25	(0.07)	0.39	8.95	0.04	2.63	(0.07)	3.06	(0.07)
	Hong Kong-China	2.06	24.07	0.08	13.57	(0.11)	5.11	(0.06)	0.47	11.28	0.04	3.08	(0.08)	3.43	(0.06)
	Indonesia	4.67	17.58	0.21	10.98	(0.17)	4.74	(0.08)	1.07	11.07	0.09	3.66	(0.11)	3.51	(0.05)
	Israel	1.66	20.90	0.07	9.58	(0.11)	4.74	(0.07)	1.26	13.79	0.08	4.44	(0.08)	3.87	(0.06)
	Jordan	2.89	31.85	0.08	10.36	(0.14)	5.94	(0.05)	0.86	17.56	0.05	5.10	(0.10)	4.32	(0.05)
	Kyrgyzstan	3.18	23.19	0.12	7.80	(0.16)	5.19	(0.08)	0.97	13.90	0.07	4.60	(0.09)	3.88	(0.05)
	Latvia	1.04	14.20	0.07	11.06	(0.11)	3.91	(0.05)	0.35	7.82	0.04	2.72	(0.08)	2.87	(0.05)
	Liechtenstein	0.53	14.85	0.03	10.23	(0.19)	3.91	(0.12)	0.42	3.53	0.11	1.37	(0.10)	2.00	(0.13)
	Lithuania	1.61	19.07	0.08	9.85	(0.10)	4.54	(0.05)	0.22	6.70	0.03	1.93	(0.05)	2.63	(0.05)
	Macao-China	1.45	21.99	0.06	14.46	(0.07)	4.80	(0.05)	0.30	16.73	0.02	3.25	(0.07)	4.12	(0.08)
	Montenegro	2.10	22.64	0.08	8.89	(0.09)	4.98	(0.05)	0.17	10.91	0.01	2.68	(0.05)	3.32	(0.06)
	Qatar	5.55	26.71	0.17	8.68	(0.08)	5.52	(0.05)	0.56	16.92	0.03	4.90	(0.07)	4.18	(0.04)
	Romania	4.02	14.30	0.22	8.58	(0.15)	4.27	(0.12)	0.53	11.88	0.04	4.04	(0.07)	3.52	(0.05)
	Russian Federation	3.01	12.82	0.19	9.41	(0.13)	3.96	(0.05)	0.59	7.95	0.07	3.07	(0.07)	2.93	(0.06)
	Serbia	2.77	15.02	0.16	9.32	(0.11)	4.22	(0.05)	0.22	10.15	0.02	2.66	(0.06)	3.22	(0.05)
	Slovenia	4.83	16.77	0.22	9.39	(0.07)	4.66	(0.04)	0.49	8.15	0.06	2.47	(0.04)	2.90	(0.05)
	Chinese Taipei	8.33	19.95	0.29	11.52	(0.15)	5.32	(0.05)	1.37	10.10	0.12	3.00	(0.06)	3.41	(0.05)
	Thailand	4.11	6.78	0.38	10.69	(0.08)	3.42	(0.05)	1.44	9.07	0.14	2.40	(0.07)	3.24	(0.06)
	Tunisia	2.60	18.36	0.12	9.17	(0.12)	4.58	(0.05)	0.14	15.18	0.01	6.10	(0.06)	3.91	(0.04)
	Uruguay	2.36	16.43	0.13	8.49	(0.09)	4.34	(0.06)	0.23	8.14	0.03	2.08	(0.06)	2.91	(0.07)



Table 3.9d [Part 2/2] Within- and between-school variance in learning time in science, in mathematics and on the language of instruction

		Individual study							Total learning hours						
		Between-school variance	Within-school variance	Proportion of between school variance	Mean hours per week		Standard deviation		Between-school variance	Within-school variance	Proportion of between school variance	Mean hours per week		Standard deviation	
					Mean	S.E.	S.D.	S.E.				Mean	S.E.	S.D.	S.E.
OECD	Australia	1.30	11.53	0.10	4.67	(0.06)	3.58	(0.05)	6.48	52.43	0.11	17.85	(0.12)	7.67	(0.09)
	Austria	0.80	12.86	0.06	4.95	(0.08)	3.69	(0.06)	5.17	36.59	0.12	14.49	(0.16)	6.44	(0.11)
	Belgium	1.06	9.20	0.10	4.39	(0.06)	3.22	(0.04)	10.41	41.41	0.20	15.43	(0.14)	7.25	(0.08)
	Canada	1.54	15.00	0.09	5.26	(0.07)	4.15	(0.06)	7.34	75.91	0.09	20.63	(0.17)	9.26	(0.09)
	Czech Republic	0.41	8.16	0.05	3.47	(0.05)	2.95	(0.06)	4.31	35.77	0.11	15.98	(0.15)	6.37	(0.10)
	Denmark	0.37	9.48	0.04	5.00	(0.06)	3.13	(0.04)	3.26	45.50	0.07	21.94	(0.15)	6.98	(0.10)
	Finland	0.16	5.79	0.03	3.41	(0.05)	2.44	(0.06)	1.84	26.76	0.06	14.16	(0.16)	5.35	(0.11)
	France	1.21	9.43	0.11	4.56	(0.07)	3.27	(0.06)	7.96	36.03	0.18	17.55	(0.15)	6.63	(0.09)
	Germany	0.58	14.33	0.04	5.87	(0.08)	3.87	(0.06)	2.71	50.95	0.05	18.44	(0.15)	7.33	(0.13)
	Greece	0.82	15.72	0.05	5.79	(0.08)	4.06	(0.04)	14.71	75.01	0.16	21.48	(0.24)	9.40	(0.12)
	Hungary	0.85	11.99	0.07	5.29	(0.08)	3.58	(0.05)	6.31	59.91	0.10	17.89	(0.19)	8.13	(0.11)
	Iceland	0.29	10.07	0.03	4.42	(0.05)	3.22	(0.05)	2.20	36.31	0.06	18.14	(0.09)	6.19	(0.11)
	Ireland	0.36	12.71	0.03	4.70	(0.08)	3.62	(0.06)	1.33	53.45	0.02	16.08	(0.15)	7.41	(0.11)
	Italy	3.05	16.63	0.16	7.53	(0.07)	4.46	(0.05)	10.94	60.88	0.15	21.07	(0.17)	8.52	(0.09)
	Japan	2.06	6.74	0.23	3.11	(0.10)	2.97	(0.09)	14.61	25.41	0.37	15.26	(0.22)	6.31	(0.13)
	Korea	3.21	12.63	0.20	4.93	(0.12)	3.98	(0.10)	27.01	51.88	0.34	22.49	(0.25)	8.87	(0.21)
	Luxembourg	0.15	10.57	0.01	4.33	(0.05)	3.27	(0.05)	2.22	41.68	0.05	15.98	(0.10)	6.57	(0.09)
	Mexico	1.03	18.64	0.05	6.42	(0.08)	4.51	(0.06)	5.46	85.23	0.06	20.41	(0.19)	9.71	(0.11)
	Netherlands	0.43	8.03	0.05	3.99	(0.06)	2.92	(0.06)	2.28	35.55	0.06	13.82	(0.12)	6.16	(0.10)
	New Zealand	0.81	11.53	0.07	4.42	(0.07)	3.52	(0.06)	3.30	48.76	0.06	19.02	(0.14)	7.23	(0.11)
	Norway	0.34	9.42	0.03	4.06	(0.06)	3.13	(0.05)	1.54	42.87	0.03	16.79	(0.12)	6.68	(0.11)
	Poland	0.31	17.36	0.02	6.34	(0.07)	4.20	(0.04)	1.38	58.44	0.02	20.19	(0.14)	7.74	(0.09)
	Portugal	0.46	17.24	0.03	5.83	(0.08)	4.21	(0.06)	3.06	67.92	0.04	17.94	(0.16)	8.44	(0.10)
	Slovak Republic	1.43	12.23	0.10	4.81	(0.09)	3.69	(0.06)	16.43	43.01	0.28	16.11	(0.25)	7.70	(0.11)
	Spain	0.88	15.60	0.05	5.58	(0.08)	4.09	(0.06)	4.70	53.56	0.08	18.08	(0.16)	7.72	(0.11)
	Sweden	0.28	7.04	0.04	3.58	(0.05)	2.71	(0.08)	1.34	30.36	0.04	14.37	(0.12)	5.63	(0.16)
	Switzerland	0.46	7.56	0.06	4.20	(0.04)	2.84	(0.04)	3.95	33.70	0.10	15.66	(0.13)	6.24	(0.10)
	Turkey	1.08	15.91	0.06	6.11	(0.09)	4.12	(0.05)	19.65	84.77	0.19	21.88	(0.29)	10.21	(0.14)
	United Kingdom	0.66	8.72	0.07	4.52	(0.06)	3.09	(0.04)	2.88	38.38	0.07	18.16	(0.14)	6.48	(0.10)
	United States	0.58	16.07	0.03	5.59	(0.07)	4.08	(0.05)	1.63	89.82	0.02	19.69	(0.15)	9.56	(0.10)
	OECD average	0.90	11.94	0.07	0.91	(0.07)	0.66	(0.06)	6.55	50.61	0.11	3.30	(0.16)	1.38	(0.11)
Partners	Argentina	0.68	14.24	0.05	5.04	(0.10)	3.89	(0.09)	4.67	50.41	0.08	14.32	(0.23)	7.47	(0.15)
	Azerbaijan	1.68	25.47	0.06	8.71	(0.13)	5.21	(0.07)	7.27	104.17	0.07	24.10	(0.27)	10.56	(0.14)
	Brazil	0.96	15.80	0.06	5.21	(0.07)	4.09	(0.06)	5.71	66.13	0.08	16.78	(0.17)	8.44	(0.11)
	Bulgaria	3.00	18.61	0.14	6.15	(0.16)	4.62	(0.06)	14.12	85.61	0.14	17.98	(0.33)	9.95	(0.13)
	Chile	0.41	11.91	0.03	4.69	(0.08)	3.52	(0.05)	8.15	68.56	0.11	16.86	(0.23)	8.76	(0.09)
	Colombia	0.46	16.78	0.03	5.58	(0.09)	4.16	(0.06)	3.98	66.42	0.06	20.55	(0.27)	8.44	(0.18)
	Croatia	1.08	13.55	0.07	4.85	(0.07)	3.82	(0.05)	5.54	43.01	0.11	14.94	(0.15)	6.97	(0.09)
	Estonia	0.37	13.64	0.03	5.11	(0.06)	3.74	(0.06)	1.79	55.60	0.03	18.71	(0.14)	7.56	(0.14)
	Hong Kong-China	0.94	15.47	0.06	5.33	(0.08)	4.05	(0.06)	5.26	80.77	0.06	21.98	(0.21)	9.28	(0.11)
	Indonesia	1.00	13.36	0.07	5.58	(0.08)	3.80	(0.06)	11.12	59.77	0.16	20.17	(0.25)	8.46	(0.15)
	Israel	1.71	15.78	0.10	5.34	(0.11)	4.19	(0.06)	7.24	86.04	0.08	19.44	(0.24)	9.66	(0.16)
	Jordan	1.16	22.46	0.05	7.90	(0.11)	4.89	(0.06)	4.55	106.16	0.04	23.35	(0.22)	10.61	(0.13)
	Kyrgyzstan	0.93	24.77	0.04	6.70	(0.09)	5.09	(0.06)	6.16	103.23	0.06	19.24	(0.25)	10.54	(0.14)
	Latvia	0.43	14.69	0.03	6.25	(0.08)	3.89	(0.06)	2.64	50.96	0.05	20.03	(0.19)	7.33	(0.10)
	Liechtenstein	0.00	8.09	0.00	3.93	(0.15)	2.84	(0.21)	0.00	29.66	0.00	15.51	(0.23)	5.45	(0.21)
	Lithuania	0.38	15.10	0.02	5.27	(0.07)	3.93	(0.06)	2.40	56.72	0.04	17.04	(0.14)	7.69	(0.10)
	Macao-China	1.72	14.07	0.11	4.93	(0.07)	3.91	(0.06)	5.10	73.71	0.06	22.63	(0.15)	8.79	(0.12)
	Montenegro	0.59	19.56	0.03	6.20	(0.08)	4.49	(0.05)	4.74	83.31	0.05	17.73	(0.16)	9.39	(0.11)
	Qatar	0.53	18.55	0.03	6.27	(0.06)	4.36	(0.04)	6.98	103.04	0.06	19.89	(0.16)	10.42	(0.11)
	Romania	1.31	15.93	0.08	5.96	(0.10)	4.15	(0.06)	11.28	74.37	0.13	18.57	(0.26)	9.22	(0.15)
	Russian Federation	2.27	14.28	0.14	6.65	(0.12)	4.06	(0.07)	10.14	52.84	0.16	19.13	(0.24)	7.90	(0.14)
	Serbia	0.94	15.60	0.06	5.22	(0.08)	4.07	(0.06)	6.94	64.44	0.10	17.19	(0.18)	8.45	(0.13)
	Slovenia	0.74	12.02	0.06	4.93	(0.05)	3.53	(0.05)	7.80	55.81	0.12	16.84	(0.12)	7.89	(0.09)
	Chinese Taipei	2.43	12.26	0.17	4.88	(0.09)	3.83	(0.05)	26.30	61.64	0.30	19.53	(0.27)	9.43	(0.11)
	Thailand	1.57	12.91	0.11	5.31	(0.08)	3.82	(0.06)	15.96	42.34	0.27	18.37	(0.16)	7.81	(0.09)
	Tunisia	0.39	17.88	0.02	7.29	(0.08)	4.27	(0.05)	5.30	84.90	0.06	22.60	(0.21)	9.49	(0.12)
	Uruguay	0.44	10.39	0.04	4.23	(0.06)	3.31	(0.05)	3.64	51.68	0.07	14.84	(0.15)	7.47	(0.12)

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Table 3.10a [Part 1/3] Mean learning hours and allocation of total learning time in science, by lower and upper secondary schools

		Mean learning hours per week											
		Regular school lessons						Out-of-school-time lessons					
		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	3.39	(0.03)	2.66	(0.08)	**0.73**	(0.08)	0.35	(0.01)	0.38	(0.02)	-0.03	(0.02)
	Austria	2.08	(0.13)	2.49	(0.07)	**-0.41**	(0.16)	0.60	(0.14)	0.19	(0.01)	**0.41**	(0.14)
	Belgium	2.29	(0.17)	2.64	(0.04)	**-0.35**	(0.17)	0.66	(0.09)	0.31	(0.01)	**0.36**	(0.09)
	Canada	2.72	(0.08)	4.22	(0.05)	**-1.51**	(0.09)	0.52	(0.02)	0.56	(0.01)	-0.04	(0.03)
	Czech Republic	2.94	(0.06)	2.93	(0.12)	0.01	(0.13)	0.60	(0.02)	0.48	(0.03)	**0.12**	(0.04)
	Denmark	3.20	(0.04)	4.35	(0.45)	**-1.16**	(0.46)	0.77	(0.02)	1.15	(0.25)	-0.38	(0.25)
	Finland	3.13	(0.04)	c	c	c	c	0.32	(0.01)	c	c	c	c
	France	1.75	(0.04)	3.55	(0.08)	**-1.80**	(0.09)	0.56	(0.02)	0.55	(0.02)	0.01	(0.03)
	Germany	3.11	(0.05)	1.51	(0.37)	**1.60**	(0.38)	0.51	(0.02)	0.39	(0.08)	0.12	(0.08)
	Greece	2.25	(0.15)	3.26	(0.05)	**-1.01**	(0.15)	1.41	(0.13)	2.04	(0.05)	**-0.63**	(0.14)
	Hungary	1.93	(0.10)	2.55	(0.05)	**-0.63**	(0.11)	1.28	(0.11)	0.98	(0.03)	**0.30**	(0.12)
	Iceland	2.96	(0.02)	c	c	c	c	0.29	(0.01)	c	c	c	c
	Ireland	2.69	(0.05)	2.30	(0.06)	**0.39**	(0.07)	0.38	(0.02)	0.22	(0.02)	**0.16**	(0.02)
	Italy	1.81	(0.22)	2.93	(0.05)	**-1.12**	(0.23)	0.79	(0.15)	0.58	(0.01)	0.21	(0.15)
	Japan	a	a	2.70	(0.05)	a	a	a	a	0.26	(0.01)	a	a
	Korea	3.50	(0.13)	3.59	(0.06)	-0.08	(0.14)	1.21	(0.18)	1.02	(0.04)	0.19	(0.18)
	Luxembourg	1.92	(0.03)	3.06	(0.05)	**-1.14**	(0.05)	0.57	(0.02)	0.38	(0.02)	**0.19**	(0.03)
	Mexico	3.16	(0.07)	3.15	(0.04)	0.02	(0.08)	1.18	(0.06)	0.88	(0.02)	**0.30**	(0.06)
	Netherlands	1.93	(0.04)	2.81	(0.07)	**-0.88**	(0.09)	0.59	(0.02)	0.38	(0.02)	0.21	(0.04)
	New Zealand	3.36	(0.12)	4.10	(0.04)	**-0.74**	(0.13)	0.52	(0.06)	0.40	(0.02)	0.12	(0.06)
	Norway	2.63	(0.03)	c	c	c	c	0.94	(0.02)	c	c	c	c
	Poland	2.71	(0.04)	4.32	(0.18)	**-1.61**	(0.18)	0.62	(0.02)	0.49	(0.10)	0.13	(0.10)
	Portugal	2.45	(0.04)	3.97	(0.07)	**-1.52**	(0.08)	0.69	(0.03)	0.58	(0.02)	**0.11**	(0.03)
	Slovak Republic	2.38	(0.10)	2.50	(0.10)	-0.12	(0.14)	0.61	(0.03)	0.67	(0.04)	-0.06	(0.04)
	Spain	3.12	(0.04)	c	c	c	c	0.68	(0.02)	c	c	c	c
	Sweden	2.82	(0.03)	2.39	(0.43)	0.43	(0.43)	0.50	(0.01)	0.50	(0.09)	0.00	(0.09)
	Switzerland	2.17	(0.04)	3.30	(0.17)	**-1.13**	(0.16)	0.42	(0.01)	0.27	(0.03)	**0.14**	(0.03)
	Turkey	2.83	(0.32)	2.87	(0.09)	-0.04	(0.34)	1.72	(0.23)	1.33	(0.05)	0.39	(0.24)
	United Kingdom	2.88	(0.32)	4.25	(0.04)	**-1.37**	(0.32)	0.40	(0.12)	0.48	(0.02)	-0.08	(0.12)
	United States	2.51	(0.16)	3.64	(0.04)	**-1.14**	(0.16)	1.10	(0.08)	0.74	(0.02)	**0.36**	(0.08)
	OECD average	2.64	(0.02)	3.16	(0.03)	**-0.58**	(0.04)	0.72	(0.02)	0.62	(0.01)	**0.10**	(0.02)
Partners	Argentina	1.77	(0.07)	2.46	(0.08)	**-0.69**	(0.10)	0.64	(0.05)	0.42	(0.02)	**0.21**	(0.05)
	Azerbaijan	2.98	(0.06)	2.63	(0.07)	**0.35**	(0.08)	1.32	(0.04)	1.42	(0.05)	-0.10	(0.07)
	Brazil	2.04	(0.05)	2.29	(0.04)	**-0.25**	(0.07)	0.80	(0.04)	0.78	(0.03)	0.02	(0.05)
	Bulgaria	2.10	(0.27)	2.67	(0.08)	**-0.57**	(0.27)	1.02	(0.10)	0.98	(0.03)	0.03	(0.10)
	Chile	1.15	(0.13)	2.38	(0.05)	**-1.23**	(0.14)	0.79	(0.14)	0.83	(0.02)	-0.04	(0.14)
	Colombia	3.38	(0.08)	3.58	(0.15)	-0.21	(0.12)	0.99	(0.04)	0.93	(0.05)	0.06	(0.07)
	Croatia	c	c	2.02	(0.04)	**-1.02**	(0.36)	c	c	0.43	(0.02)	0.05	(0.36)
	Estonia	3.26	(0.04)	3.94	(0.19)	**-0.68**	(0.19)	0.76	(0.02)	0.72	(0.12)	0.04	(0.12)
	Hong Kong-China	3.02	(0.08)	3.22	(0.08)	-0.19	(0.12)	0.65	(0.05)	1.01	(0.04)	**-0.36**	(0.07)
	Indonesia	2.89	(0.05)	3.61	(0.12)	**-0.72**	(0.14)	1.05	(0.03)	1.04	(0.09)	0.01	(0.09)
	Israel	2.53	(0.09)	2.42	(0.06)	0.11	(0.11)	1.06	(0.07)	0.97	(0.03)	0.09	(0.07)
	Jordan	3.25	(0.06)	a	a	a	a	1.52	(0.03)	a	a	a	a
	Kyrgyzstan	2.04	(0.06)	2.26	(0.12)	**-0.22**	(0.10)	1.34	(0.03)	1.42	(0.06)	-0.08	(0.06)
	Latvia	2.83	(0.06)	3.74	(0.19)	**-0.91**	(0.19)	0.65	(0.02)	0.58	(0.09)	0.07	(0.09)
	Liechtenstein	2.42	(0.08)	3.69	(0.30)	**-1.26**	(0.30)	0.55	(0.06)	0.24	(0.12)	**0.31**	(0.11)
	Lithuania	2.69	(0.04)	c	c	**-2.31**	(0.04)	0.57	(0.02)	c	c	**0.57**	(0.02)
	Macao-China	3.56	(0.04)	4.05	(0.05)	**-0.48**	(0.06)	1.05	(0.03)	0.90	(0.04)	**0.16**	(0.05)
	Montenegro	c	c	2.83	(0.04)	**-1.71**	(0.40)	c	c	1.05	(0.02)	-0.28	(0.20)
	Qatar	2.09	(0.05)	2.82	(0.04)	**-0.73**	(0.06)	1.52	(0.05)	1.47	(0.03)	0.04	(0.06)
	Romania	2.26	(0.07)	a	a	a	a	1.03	(0.02)	a	a	a	a
	Russian Federation	3.35	(0.14)	3.95	(0.08)	**-0.60**	(0.13)	1.16	(0.05)	1.10	(0.04)	0.06	(0.07)
	Serbia	2.66	(0.35)	2.86	(0.06)	-0.20	(0.35)	0.72	(0.22)	0.78	(0.02)	-0.06	(0.22)
	Slovenia	1.52	(0.24)	2.87	(0.03)	**-1.34**	(0.24)	0.91	(0.20)	0.71	(0.02)	0.21	(0.20)
	Chinese Taipei	3.80	(0.07)	2.44	(0.07)	**1.36**	(0.10)	1.37	(0.05)	0.49	(0.02)	**0.88**	(0.06)
	Thailand	3.47	(0.05)	3.97	(0.05)	**-0.50**	(0.06)	0.83	(0.05)	0.95	(0.04)	-0.11	(0.07)
	Tunisia	2.02	(0.05)	3.17	(0.07)	**-1.15**	(0.08)	1.73	(0.04)	2.11	(0.04)	**-0.38**	(0.06)
	Uruguay	2.04	(0.06)	2.58	(0.06)	**-0.53**	(0.08)	0.70	(0.04)	0.56	(0.02)	**0.14**	(0.05)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.10a [Part 2/3] Mean learning hours and allocation of total learning time in science, by lower and upper secondary schools

		Mean learning hours per week											
		Individual study						Total learning hours					
		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	1.15	(0.02)	1.28	(0.04)	**-0.14**	(0.05)	4.89	(0.05)	4.31	(0.13)	**0.58**	(0.14)
	Austria	1.65	(0.15)	1.25	(0.03)	**0.40**	(0.15)	4.37	(0.28)	3.94	(0.10)	0.43	(0.29)
	Belgium	1.21	(0.09)	1.25	(0.02)	-0.04	(0.09)	4.20	(0.23)	4.20	(0.07)	-0.00	(0.23)
	Canada	1.10	(0.05)	1.63	(0.03)	**-0.54**	(0.05)	4.37	(0.14)	6.43	(0.06)	**-2.07**	(0.15)
	Czech Republic	1.06	(0.03)	0.95	(0.05)	**0.11**	(0.05)	4.59	(0.08)	4.36	(0.17)	0.23	(0.18)
	Denmark	1.08	(0.02)	1.84	(0.32)	**-0.76**	(0.32)	5.03	(0.07)	7.35	(0.95)	**-2.31**	(0.96)
	Finland	1.07	(0.02)	c	c	c	c	4.52	(0.06)	c	c	c	c
	France	0.96	(0.03)	1.54	(0.04)	**-0.57**	(0.05)	3.27	(0.07)	5.65	(0.12)	**-2.38**	(0.13)
	Germany	1.72	(0.03)	1.23	(0.19)	**0.49**	(0.19)	5.35	(0.07)	3.12	(0.54)	**2.23**	(0.55)
	Greece	1.56	(0.15)	1.87	(0.04)	**-0.31**	(0.15)	5.20	(0.30)	7.17	(0.11)	**-1.97**	(0.31)
	Hungary	1.56	(0.12)	1.60	(0.04)	-0.04	(0.13)	4.75	(0.23)	5.13	(0.09)	-0.38	(0.26)
	Iceland	1.16	(0.02)	c	c	c	c	4.41	(0.04)	c	c	c	c
	Ireland	1.35	(0.03)	0.97	(0.04)	**0.38**	(0.05)	4.40	(0.08)	3.50	(0.10)	**0.91**	(0.12)
	Italy	1.65	(0.25)	2.10	(0.04)	-0.45	(0.26)	4.38	(0.58)	5.60	(0.10)	**-1.23**	(0.59)
	Japan	a	a	0.69	(0.02)	a	a	a	a	3.65	(0.07)	a	a
	Korea	1.35	(0.08)	1.22	(0.06)	0.13	(0.10)	6.00	(0.19)	5.83	(0.14)	0.17	(0.24)
	Luxembourg	1.21	(0.02)	1.31	(0.04)	**-0.09**	(0.04)	3.71	(0.05)	4.74	(0.07)	**-1.03**	(0.08)
	Mexico	2.18	(0.06)	2.08	(0.02)	0.11	(0.06)	6.46	(0.13)	6.08	(0.07)	**0.39**	(0.15)
	Netherlands	1.14	(0.03)	1.40	(0.05)	**-0.27**	(0.05)	3.64	(0.07)	4.59	(0.13)	**-0.95**	(0.15)
	New Zealand	1.25	(0.07)	1.28	(0.03)	-0.03	(0.07)	5.09	(0.17)	5.78	(0.07)	**-0.69**	(0.18)
	Norway	1.23	(0.02)	c	c	c	c	4.79	(0.05)	c	c	c	c
	Poland	2.02	(0.03)	2.63	(0.23)	**-0.61**	(0.23)	5.35	(0.07)	7.44	(0.39)	**-2.09**	(0.39)
	Portugal	1.93	(0.05)	2.24	(0.05)	**-0.31**	(0.07)	5.08	(0.08)	6.76	(0.12)	**-1.69**	(0.14)
	Slovak Republic	1.36	(0.05)	1.41	(0.06)	-0.05	(0.08)	4.37	(0.13)	4.59	(0.18)	-0.22	(0.22)
	Spain	1.74	(0.03)	c	c	c	c	5.55	(0.07)	c	c	c	c
	Sweden	1.15	(0.02)	1.05	(0.20)	0.10	(0.21)	4.46	(0.04)	3.95	(0.69)	0.51	(0.69)
	Switzerland	1.08	(0.02)	1.29	(0.05)	**-0.21**	(0.05)	3.66	(0.05)	4.84	(0.21)	**-1.18**	(0.20)
	Turkey	2.11	(0.19)	1.62	(0.05)	**0.50**	(0.20)	6.60	(0.43)	5.77	(0.19)	0.83	(0.48)
	United Kingdom	0.58	(0.11)	1.45	(0.02)	**-0.87**	(0.11)	3.91	(0.31)	6.19	(0.05)	**-2.28**	(0.31)
	United States	1.49	(0.07)	1.71	(0.03)	**-0.22**	(0.07)	5.20	(0.16)	6.12	(0.06)	**-0.91**	(0.16)
	OECD average	1.38	(0.02)	1.50	(0.02)	**-0.13**	(0.03)	4.75	(0.04)	5.27	(0.06)	**-0.60**	(0.07)
Partners	Argentina	1.39	(0.05)	1.67	(0.05)	**-0.28**	(0.07)	3.77	(0.11)	4.54	(0.11)	**-0.76**	(0.15)
	Azerbaijan	2.72	(0.06)	2.52	(0.06)	**0.20**	(0.08)	7.01	(0.12)	6.57	(0.15)	**0.44**	(0.17)
	Brazil	1.70	(0.05)	1.70	(0.03)	0.01	(0.06)	4.55	(0.11)	4.77	(0.07)	-0.22	(0.13)
	Bulgaria	1.69	(0.16)	2.03	(0.06)	**-0.34**	(0.16)	4.81	(0.37)	5.71	(0.13)	**-0.90**	(0.36)
	Chile	1.07	(0.13)	1.54	(0.03)	**-0.47**	(0.14)	3.04	(0.34)	4.77	(0.07)	**-1.72**	(0.35)
	Colombia	1.80	(0.04)	1.85	(0.05)	-0.05	(0.06)	6.17	(0.11)	6.35	(0.23)	-0.18	(0.20)
	Croatia	c	c	1.46	(0.04)	c	c	c	c	3.93	(0.09)	c	c
	Estonia	1.53	(0.03)	1.81	(0.17)	-0.28	(0.17)	5.56	(0.06)	6.48	(0.33)	**-0.92**	(0.33)
	Hong Kong-China	1.32	(0.05)	1.51	(0.04)	**-0.19**	(0.06)	4.98	(0.14)	5.73	(0.13)	**-0.74**	(0.21)
	Indonesia	1.84	(0.04)	1.72	(0.07)	0.11	(0.09)	5.75	(0.08)	6.36	(0.23)	**-0.61**	(0.26)
	Israel	1.42	(0.08)	1.34	(0.04)	0.07	(0.09)	5.02	(0.19)	4.71	(0.11)	0.30	(0.21)
	Jordan	2.65	(0.04)	a	a	a	a	7.40	(0.09)	a	a	a	a
	Kyrgyzstan	2.07	(0.04)	2.33	(0.08)	**-0.26**	(0.09)	5.52	(0.08)	5.96	(0.18)	**-0.44**	(0.17)
	Latvia	1.80	(0.03)	1.84	(0.13)	-0.05	(0.14)	5.27	(0.09)	6.15	(0.33)	**-0.88**	(0.34)
	Liechtenstein	1.16	(0.07)	1.44	(0.22)	-0.28	(0.24)	4.14	(0.10)	5.37	(0.46)	**-1.23**	(0.48)
	Lithuania	1.69	(0.03)	c	c	c	c	4.94	(0.06)	c	c	c	c
	Macao-China	1.26	(0.03)	1.56	(0.04)	**-0.30**	(0.05)	5.87	(0.07)	6.50	(0.10)	**-0.62**	(0.13)
	Montenegro	c	c	2.20	(0.03)	c	c	c	c	6.09	(0.07)	**-2.46**	(0.80)
	Qatar	1.92	(0.05)	2.07	(0.03)	**-0.15**	(0.05)	5.53	(0.10)	6.40	(0.07)	**-0.87**	(0.12)
	Romania	1.61	(0.05)	a	a	a	a	4.88	(0.11)	a	a	a	a
	Russian Federation	2.75	(0.09)	2.94	(0.06)	**-0.19**	(0.10)	7.25	(0.23)	8.00	(0.14)	**-0.75**	(0.25)
	Serbia	1.34	(0.22)	1.72	(0.04)	-0.37	(0.22)	4.75	(0.67)	5.36	(0.10)	-0.62	(0.67)
	Slovenia	1.37	(0.15)	1.54	(0.02)	-0.17	(0.16)	3.71	(0.47)	5.13	(0.04)	**-1.42**	(0.47)
	Chinese Taipei	1.55	(0.05)	1.08	(0.03)	**0.47**	(0.06)	6.79	(0.14)	4.03	(0.11)	**2.76**	(0.18)
	Thailand	1.84	(0.07)	1.79	(0.03)	0.05	(0.08)	6.13	(0.11)	6.70	(0.09)	**-0.57**	(0.14)
	Tunisia	2.39	(0.05)	2.81	(0.06)	**-0.43**	(0.08)	6.11	(0.10)	8.08	(0.15)	**-1.97**	(0.18)
	Uruguay	1.16	(0.05)	1.39	(0.03)	**-0.23**	(0.06)	3.97	(0.12)	4.53	(0.09)	**-0.57**	(0.13)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.10a [Part 3/3] Mean learning hours and allocation of total learning time in science, by lower and upper secondary schools

		Allocation of total learning time in science for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)	
		%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.
OECD	Australia	72.1	(0.3)	64.1	(0.6)	**8.0**	(0.7)	5.9	(0.2)	8.2	(0.4)	**-2.3**	(0.4)	22.0	(0.3)	27.7	(0.4)	**-5.7**	(0.5)
	Austria	52.6	(2.6)	64.9	(0.6)	**-12.3**	(2.7)	9.9	(1.6)	3.8	(0.2)	**6.0**	(1.7)	37.5	(2.4)	31.3	(0.6)	**6.3**	(2.4)
	Belgium	58.2	(3.1)	63.7	(0.3)	-5.6	(3.1)	13.0	(1.7)	6.3	(0.2)	**6.6**	(1.7)	28.9	(1.9)	30.0	(0.3)	-1.1	(1.9)
	Canada	63.3	(0.7)	66.7	(0.4)	**-3.4**	(0.7)	10.9	(0.4)	8.1	(0.2)	**2.8**	(0.4)	25.8	(0.6)	25.2	(0.3)	0.6	(0.7)
	Czech Republic	67.2	(0.6)	70.3	(1.1)	**-3.2**	(1.3)	10.3	(0.4)	9.4	(0.5)	0.9	(0.6)	22.5	(0.4)	20.2	(0.8)	**2.3**	(0.9)
	Denmark	66.7	(0.5)	61.8	(2.6)	5.0	(2.6)	13.0	(0.3)	15.0	(1.8)	-2.0	(1.8)	20.3	(0.3)	23.2	(1.3)	**-3.0**	(1.4)
	Finland	70.9	(0.4)	c	c	c	c	5.9	(0.2)	c	c	c	c	23.1	(0.3)	c	c	c	c
	France	59.5	(0.9)	65.0	(0.6)	**-5.5**	(1.1)	13.7	(0.5)	9.0	(0.4)	**4.7**	(0.7)	26.8	(0.7)	26.0	(0.4)	0.8	(0.8)
	Germany	58.2	(0.5)	47.8	(5.4)	10.4	(5.5)	8.4	(0.3)	11.7	(3.6)	-3.3	(3.6)	33.4	(0.3)	40.4	(5.4)	-7.1	(5.4)
	Greece	46.2	(2.6)	48.5	(0.6)	-2.3	(2.7)	25.0	(1.9)	26.3	(0.5)	-1.3	(2.0)	28.8	(2.3)	25.2	(0.4)	3.6	(2.3)
	Hungary	42.1	(2.5)	52.3	(0.6)	**-10.2**	(2.6)	25.7	(2.1)	17.2	(0.4)	**8.5**	(2.2)	32.2	(1.5)	30.5	(0.4)	1.7	(1.6)
	Iceland	70.2	(0.4)	c	c	c	c	5.1	(0.2)	c	c	**c**	c	24.7	(0.3)	c	c	c	c
	Ireland	64.0	(0.5)	70.1	(0.7)	**-6.1**	(0.9)	6.9	(0.3)	4.8	(0.3)	**2.2**	(0.4)	29.1	(0.4)	25.1	(0.6)	**4.0**	(0.7)
	Italy	48.6	(2.7)	54.1	(0.3)	**-5.5**	(2.7)	15.2	(2.1)	9.1	(0.2)	**6.1**	(2.1)	36.3	(2.3)	36.9	(0.2)	-0.6	(2.3)
	Japan	a	a	78.4	(0.4)	a	a	a	a	5.2	(0.2)	a	a	a	a	16.4	(0.4)	a	a
	Korea	61.9	(1.9)	67.6	(0.6)	**-5.7**	(2.0)	17.3	(1.7)	13.7	(0.4)	**3.6**	(1.8)	20.8	(1.0)	18.7	(0.4)	2.1	(1.1)
	Luxembourg	56.2	(0.5)	66.3	(0.5)	**-10.1**	(0.8)	11.8	(0.4)	6.8	(0.3)	**5.0**	(0.5)	32.0	(0.5)	26.9	(0.5)	**5.0**	(0.7)
	Mexico	47.5	(0.8)	49.4	(0.4)	**-1.9**	(0.9)	16.6	(0.7)	13.6	(0.2)	**3.0**	(0.7)	36.0	(0.7)	37.0	(0.3)	-1.0	(0.8)
	Netherlands	54.0	(0.7)	62.5	(0.7)	**-8.5**	(0.9)	14.5	(0.4)	7.8	(0.4)	**6.6**	(0.6)	31.5	(0.5)	29.7	(0.6)	**1.9**	(0.7)
	New Zealand	67.1	(1.5)	73.5	(0.4)	**-6.4**	(1.5)	8.8	(0.9)	6.0	(0.2)	**2.8**	(1.0)	24.1	(1.1)	20.5	(0.3)	**3.6**	(1.1)
	Norway	59.6	(0.5)	c	c	c	c	16.9	(0.3)	c	c	c	c	23.5	(0.3)	c	c	c	c
	Poland	53.1	(0.4)	62.0	(2.6)	**-8.9**	(2.5)	10.3	(0.3)	4.4	(0.9)	**5.9**	(0.9)	36.6	(0.4)	33.6	(2.2)	3.0	(2.1)
	Portugal	50.3	(0.6)	59.8	(0.4)	**-9.4**	(0.7)	11.2	(0.4)	7.0	(0.3)	**4.2**	(0.5)	38.4	(0.6)	33.2	(0.4)	**5.2**	(0.7)
	Slovak Republic	58.9	(0.8)	58.6	(0.8)	0.2	(1.1)	11.7	(0.5)	11.7	(0.6)	-0.1	(0.7)	29.5	(0.7)	29.6	(0.5)	-0.2	(0.9)
	Spain	58.9	(0.3)	c	c	c	c	10.7	(0.3)	c	c	c	c	30.4	(0.3)	c	c	c	c
	Sweden	66.7	(0.6)	63.4	(2.9)	3.3	(3.0)	9.1	(0.2)	11.2	(1.2)	-2.0	(1.2)	24.1	(0.5)	25.4	(2.6)	-1.3	(2.6)
	Switzerland	61.0	(0.4)	67.3	(1.1)	**-6.3**	(1.1)	9.0	(0.2)	4.8	(0.5)	**4.2**	(0.6)	30.0	(0.3)	27.8	(0.9)	**2.2**	(1.0)
	Turkey	46.5	(2.9)	51.5	(0.6)	-5.0	(3.0)	21.5	(1.9)	20.9	(0.5)	0.6	(2.0)	32.0	(2.7)	27.6	(0.4)	4.4	(2.8)
	United Kingdom	76.4	(5.3)	70.7	(0.3)	5.7	(5.4)	8.8	(2.9)	6.7	(0.2)	2.0	(2.9)	14.8	(3.1)	22.6	(0.3)	**-7.8**	(3.1)
	United States	48.9	(2.4)	59.8	(0.4)	**-10.9**	(2.5)	21.1	(2.0)	11.4	(0.3)	**9.6**	(2.1)	30.0	(0.9)	28.8	(0.3)	1.2	(1.0)
	OECD average	58.9	(0.3)	62.3	(0.3)	**-3.8**	(0.5)	12.7	(0.2)	10.0	(0.2)	**3.0**	(0.3)	28.4	(0.2)	27.7	(0.3)	**0.8**	(0.4)
Partners	Argentina	48.3	(1.3)	55.0	(0.9)	**-6.7**	(1.6)	14.4	(1.0)	7.8	(0.3)	**6.6**	(1.0)	37.3	(1.2)	37.2	(0.7)	0.1	(1.4)
	Azerbaijan	43.7	(0.8)	42.2	(0.8)	1.5	(1.1)	18.8	(0.6)	20.1	(0.6)	-1.3	(0.8)	37.5	(0.5)	37.7	(0.7)	-0.2	(0.8)
	Brazil	48.6	(0.7)	51.1	(0.6)	**-2.4**	(1.0)	15.1	(0.7)	13.6	(0.4)	**1.5**	(0.7)	36.2	(0.7)	35.3	(0.4)	0.9	(0.9)
	Bulgaria	44.9	(3.6)	49.1	(0.7)	-4.1	(3.7)	18.8	(2.1)	16.1	(0.6)	2.7	(2.2)	36.2	(3.2)	34.8	(0.4)	1.4	(3.2)
	Chile	33.9	(3.0)	49.4	(0.6)	**-15.6**	(3.0)	31.1	(4.3)	16.0	(0.4)	**15.1**	(4.4)	35.0	(3.3)	34.6	(0.4)	0.4	(3.4)
	Colombia	58.3	(0.8)	59.3	(0.8)	-1.0	(0.9)	13.8	(0.6)	12.6	(0.5)	1.2	(0.8)	27.9	(0.6)	28.1	(0.5)	-0.2	(0.7)
	Croatia	c	c	54.7	(0.5)	c	c	c	c	9.8	(0.4)	c	c	59.4	(11.9)	35.5	(0.5)	**23.8**	(11.8)
	Estonia	61.4	(0.5)	64.3	(2.4)	-2.8	(2.4)	12.7	(0.4)	9.4	(1.3)	**3.3**	(1.4)	25.9	(0.3)	26.3	(2.1)	-0.4	(2.1)
	Hong Kong-China	63.7	(0.9)	58.7	(0.5)	**5.0**	(1.0)	11.3	(0.6)	16.1	(0.5)	**-4.8**	(0.6)	25.0	(0.6)	25.3	(0.4)	-0.2	(0.7)
	Indonesia	51.9	(0.7)	57.7	(1.5)	**-5.8**	(1.6)	16.4	(0.5)	14.7	(1.0)	1.7	(1.0)	31.8	(0.6)	27.6	(0.7)	**4.2**	(1.1)
	Israel	52.8	(1.4)	54.7	(0.8)	-1.8	(1.6)	19.6	(1.1)	18.1	(0.4)	1.5	(1.1)	27.6	(1.1)	27.3	(0.6)	0.3	(1.3)
	Jordan	42.9	(0.6)	a	a	a	a	20.3	(0.4)	a	a	a	a	36.8	(0.4)	a	a	a	a
	Kyrgyzstan	35.3	(0.7)	35.7	(1.2)	-0.4	(1.2)	26.1	(0.6)	25.0	(1.1)	1.2	(1.2)	38.5	(0.6)	39.3	(1.0)	-0.8	(1.3)
	Latvia	55.9	(0.5)	62.7	(1.7)	**-6.8**	(1.8)	10.5	(0.3)	7.4	(1.0)	**3.2**	(1.1)	33.6	(0.4)	30.0	(1.8)	3.6	(1.9)
	Liechtenstein	61.0	(1.5)	67.7	(3.7)	-6.7	(3.9)	11.0	(1.1)	3.5	(2.1)	**7.5**	(2.1)	28.0	(1.3)	28.8	(3.0)	-0.8	(3.0)
	Lithuania	57.1	(0.5)	c	c	c	c	10.1	(0.3)	c	c	**10.1**	(0.3)	32.8	(0.3)	37.5	(0.0)	**-4.7**	(0.3)
	Macao-China	64.7	(0.5)	64.9	(0.6)	-0.2	(0.7)	15.4	(0.4)	12.8	(0.5)	**2.6**	(0.6)	19.9	(0.4)	22.4	(0.5)	**-2.4**	(0.6)
	Montenegro	c	c	46.8	(0.4)	c	c	c	c	16.1	(0.3)	c	c	37.3	(17.0)	37.1	(0.5)	0.2	(17.1)
	Qatar	36.6	(0.7)	41.9	(0.4)	**-5.2**	(0.8)	27.8	(0.6)	23.9	(0.4)	**3.9**	(0.8)	35.5	(0.7)	34.2	(0.3)	1.3	(0.8)
	Romania	48.1	(0.6)	a	a	a	a	19.5	(0.5)	a	a	a	a	32.4	(0.5)	a	a	a	a
	Russian Federation	45.7	(0.9)	50.3	(0.5)	**-4.6**	(1.0)	17.1	(0.9)	13.8	(0.5)	**3.3**	(0.9)	37.2	(0.9)	36.0	(0.5)	1.3	(0.9)
	Serbia	57.4	(4.3)	56.8	(0.5)	0.6	(4.4)	13.8	(3.8)	13.4	(0.4)	0.4	(3.8)	28.8	(4.5)	29.8	(0.4)	-1.0	(4.5)
	Slovenia	43.3	(3.8)	56.2	(0.4)	**-12.9**	(3.8)	20.0	(3.3)	12.9	(0.3)	**7.1**	(3.3)	36.7	(3.7)	30.9	(0.3)	5.8	(3.7)
	Chinese Taipei	60.1	(0.7)	65.6	(0.4)	**-5.5**	(0.9)	17.6	(0.5)	9.4	(0.3)	**8.2**	(0.7)	22.3	(0.5)	25.0	(0.4)	**-2.7**	(0.6)
	Thailand	62.2	(0.7)	64.7	(0.4)	**-2.5**	(0.8)	10.7	(0.6)	9.6	(0.4)	1.0	(0.7)	27.1	(0.7)	25.7	(0.3)	**1.4**	(0.7)
	Tunisia	34.2	(0.6)	40.1	(0.4)	**-5.9**	(0.8)	27.3	(0.7)	24.6	(0.3)	**2.7**	(0.8)	38.5	(0.7)	35.4	(0.4)	**3.2**	(0.8)
	Uruguay	51.6	(1.0)	58.3	(0.6)	**-6.6**	(1.2)	16.3	(0.8)	10.0	(0.3)	**6.3**	(0.9)	32.0	(0.6)	31.7	(0.6)	0.4	(0.8)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.10b [Part 1/3] Mean learning hours and allocation of total learning time in mathematics, by lower and upper secondary schools

		Mean learning hours per week											
		Regular school lessons						Out-of-school-time lessons					
		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	4.13	(0.03)	3.98	(0.05)	**0.15**	(0.05)	0.74	(0.02)	0.79	(0.03)	-0.05	(0.03)
	Austria	3.45	(0.11)	3.21	(0.05)	**0.24**	(0.12)	0.93	(0.15)	0.48	(0.02)	**0.45**	(0.15)
	Belgium	3.39	(0.17)	3.59	(0.04)	-0.20	(0.18)	0.95	(0.08)	0.53	(0.01)	**0.42**	(0.08)
	Canada	4.06	(0.05)	4.58	(0.04)	**-0.52**	(0.07)	1.13	(0.04)	0.90	(0.02)	**0.22**	(0.04)
	Czech Republic	4.28	(0.04)	3.73	(0.08)	**0.54**	(0.09)	0.78	(0.02)	0.74	(0.03)	0.04	(0.04)
	Denmark	4.43	(0.03)	4.51	(0.32)	-0.07	(0.33)	1.36	(0.03)	1.40	(0.29)	-0.04	(0.29)
	Finland	3.45	(0.04)	c	c	c	c	0.37	(0.02)	c	c	c	c
	France	3.66	(0.04)	3.96	(0.04)	**-0.30**	(0.06)	1.11	(0.03)	0.81	(0.02)	**0.30**	(0.04)
	Germany	3.91	(0.04)	2.86	(0.24)	**1.05**	(0.25)	0.82	(0.03)	0.75	(0.26)	0.07	(0.26)
	Greece	3.16	(0.19)	3.48	(0.05)	-0.32	(0.20)	1.14	(0.10)	2.32	(0.05)	**-1.19**	(0.12)
	Hungary	2.76	(0.16)	3.33	(0.04)	**-0.57**	(0.17)	1.59	(0.14)	1.26	(0.03)	**0.33**	(0.14)
	Iceland	4.74	(0.02)	c	c	c	c	0.72	(0.02)	c	c	c	c
	Ireland	3.75	(0.04)	3.51	(0.05)	**0.25**	(0.06)	0.87	(0.03)	0.47	(0.03)	**0.40**	(0.04)
	Italy	3.03	(0.23)	3.75	(0.03)	**-0.72**	(0.23)	1.00	(0.25)	0.88	(0.02)	0.11	(0.25)
	Japan	a	a	4.24	(0.07)	a	a	a	a	0.71	(0.03)	a	a
	Korea	3.84	(0.10)	4.72	(0.05)	**-0.88**	(0.11)	1.87	(0.24)	2.28	(0.04)	-0.41	(0.24)
	Luxembourg	3.87	(0.03)	3.82	(0.04)	0.05	(0.05)	0.97	(0.03)	0.58	(0.03)	**0.39**	(0.04)
	Mexico	3.63	(0.07)	4.19	(0.04)	**-0.56**	(0.08)	1.33	(0.06)	1.07	(0.02)	**0.26**	(0.07)
	Netherlands	2.79	(0.04)	3.10	(0.05)	**-0.31**	(0.07)	0.74	(0.03)	0.54	(0.03)	**0.21**	(0.04)
	New Zealand	3.89	(0.10)	4.41	(0.03)	**-0.53**	(0.11)	0.93	(0.10)	0.67	(0.02)	**0.26**	(0.10)
	Norway	3.39	(0.03)	c	c	c	c	1.05	(0.02)	c	c	c	c
	Poland	4.36	(0.04)	4.13	(0.21)	0.23	(0.21)	0.78	(0.02)	0.50	(0.09)	**0.28**	(0.09)
	Portugal	3.07	(0.05)	4.14	(0.05)	**-1.08**	(0.06)	0.84	(0.03)	0.79	(0.04)	0.05	(0.04)
	Slovak Republic	4.20	(0.07)	2.74	(0.06)	**1.46**	(0.09)	1.06	(0.04)	0.78	(0.03)	**0.28**	(0.05)
	Spain	3.42	(0.03)	c	c	c	c	0.99	(0.02)	c	c	c	c
	Sweden	3.09	(0.03)	3.28	(0.20)	-0.19	(0.20)	0.61	(0.02)	0.54	(0.06)	0.07	(0.06)
	Switzerland	4.01	(0.04)	3.13	(0.11)	**0.88**	(0.12)	0.76	(0.03)	0.42	(0.03)	**0.35**	(0.04)
	Turkey	3.47	(0.22)	3.84	(0.06)	-0.36	(0.23)	1.83	(0.20)	2.09	(0.05)	-0.26	(0.20)
	United Kingdom	3.61	(0.29)	3.78	(0.03)	-0.16	(0.29)	0.73	(0.17)	0.63	(0.02)	0.10	(0.17)
	United States	3.02	(0.12)	3.87	(0.04)	**-0.86**	(0.12)	1.42	(0.07)	1.11	(0.03)	**0.32**	(0.07)
	OECD average	3.65	(0.02)	3.76	(0.02)	**-0.11**	(0.03)	1.01	(0.02)	0.92	(0.02)	**0.12**	(0.03)
Partners	Argentina	2.41	(0.06)	3.17	(0.08)	**-0.77**	(0.10)	0.87	(0.05)	0.74	(0.04)	**0.14**	(0.06)
	Azerbaijan	3.96	(0.07)	3.54	(0.09)	**0.43**	(0.11)	1.62	(0.06)	1.81	(0.06)	**-0.19**	(0.08)
	Brazil	2.75	(0.06)	3.34	(0.04)	**-0.59**	(0.08)	1.22	(0.04)	1.21	(0.04)	0.01	(0.06)
	Bulgaria	2.58	(0.19)	3.01	(0.07)	**-0.43**	(0.20)	1.02	(0.11)	1.14	(0.04)	-0.12	(0.12)
	Chile	2.31	(0.20)	3.54	(0.06)	**-1.22**	(0.21)	1.37	(0.14)	0.98	(0.03)	**0.40**	(0.14)
	Colombia	3.86	(0.08)	4.45	(0.07)	**-0.59**	(0.09)	1.21	(0.05)	1.24	(0.04)	-0.03	(0.07)
	Croatia	c	c	3.05	(0.04)	c	c	c	c	0.76	(0.02)	c	c
	Estonia	4.19	(0.04)	4.45	(0.17)	-0.26	(0.18)	1.00	(0.03)	0.73	(0.12)	**0.26**	(0.13)
	Hong Kong-China	4.89	(0.06)	5.43	(0.05)	**-0.54**	(0.07)	1.20	(0.06)	1.51	(0.04)	**-0.31**	(0.07)
	Indonesia	4.04	(0.08)	4.13	(0.10)	-0.09	(0.12)	1.56	(0.06)	1.15	(0.07)	**0.41**	(0.10)
	Israel	4.08	(0.11)	4.13	(0.04)	-0.05	(0.11)	2.08	(0.10)	2.16	(0.05)	-0.09	(0.10)
	Jordan	3.48	(0.05)	a	a	a	a	1.82	(0.04)	a	a	a	a
	Kyrgyzstan	2.88	(0.05)	2.89	(0.09)	-0.01	(0.09)	1.57	(0.04)	1.49	(0.06)	0.08	(0.06)
	Latvia	4.49	(0.04)	4.39	(0.15)	0.11	(0.15)	1.21	(0.04)	0.86	(0.08)	**0.35**	(0.09)
	Liechtenstein	4.05	(0.09)	3.42	(0.20)	**0.63**	(0.21)	0.63	(0.05)	0.24	(0.08)	**0.39**	(0.10)
	Lithuania	3.50	(0.04)	c	c	c	c	0.74	(0.02)	c	c	c	c
	Macao-China	5.18	(0.04)	5.80	(0.04)	**-0.62**	(0.05)	1.26	(0.03)	1.10	(0.05)	**0.16**	(0.06)
	Montenegro	c	c	3.09	(0.04)	c	c	c	c	0.93	(0.02)	c	c
	Qatar	2.70	(0.06)	3.23	(0.03)	**-0.52**	(0.07)	1.95	(0.06)	1.82	(0.03)	**0.13**	(0.06)
	Romania	3.01	(0.07)	a	a	a	a	1.50	(0.03)	a	a	a	a
	Russian Federation	3.41	(0.07)	3.76	(0.07)	**-0.35**	(0.07)	1.20	(0.05)	1.09	(0.04)	0.11	(0.06)
	Serbia	3.50	(0.36)	3.27	(0.04)	0.23	(0.35)	1.28	(0.25)	0.96	(0.02)	0.32	(0.25)
	Slovenia	2.97	(0.32)	3.34	(0.03)	-0.37	(0.32)	1.35	(0.30)	1.01	(0.02)	0.34	(0.30)
	Chinese Taipei	4.21	(0.06)	4.28	(0.08)	-0.06	(0.10)	1.76	(0.06)	1.41	(0.05)	**0.35**	(0.08)
	Thailand	3.68	(0.04)	3.82	(0.04)	**-0.14**	(0.05)	0.99	(0.05)	0.89	(0.04)	0.10	(0.07)
	Tunisia	2.92	(0.05)	3.82	(0.05)	**-0.91**	(0.07)	2.24	(0.04)	2.59	(0.05)	**-0.35**	(0.07)
	Uruguay	2.82	(0.07)	3.56	(0.04)	**-0.74**	(0.08)	0.89	(0.05)	0.81	(0.03)	0.08	(0.05)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.10b [Part 2/3] Mean learning hours and allocation of total learning time in mathematics, by lower and upper secondary schools

		Mean learning hours per week											
		Individual study						Total learning hours					
		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	1.74	(0.03)	1.99	(0.04)	**-0.25**	(0.04)	6.62	(0.05)	6.76	(0.08)	-0.15	(0.08)
	Austria	2.67	(0.13)	2.09	(0.04)	**0.57**	(0.13)	7.12	(0.24)	5.80	(0.08)	**1.33**	(0.24)
	Belgium	1.65	(0.10)	1.79	(0.03)	-0.14	(0.10)	6.02	(0.26)	5.93	(0.06)	0.08	(0.25)
	Canada	1.72	(0.05)	2.01	(0.03)	**-0.30**	(0.05)	6.98	(0.11)	7.53	(0.07)	**-0.55**	(0.12)
	Czech Republic	1.35	(0.03)	1.29	(0.05)	0.06	(0.06)	6.39	(0.06)	5.75	(0.13)	**0.65**	(0.14)
	Denmark	1.74	(0.02)	2.36	(0.43)	-0.63	(0.44)	7.51	(0.06)	8.27	(0.92)	-0.76	(0.94)
	Finland	1.20	(0.02)	c	c	c	c	5.02	(0.06)	9.00	(0.00)	**-3.98**	(0.06)
	France	1.52	(0.04)	1.88	(0.05)	**-0.36**	(0.06)	6.29	(0.08)	6.64	(0.08)	**-0.35**	(0.11)
	Germany	2.28	(0.03)	1.98	(0.20)	0.30	(0.20)	7.03	(0.07)	5.65	(0.59)	**1.38**	(0.59)
	Greece	1.68	(0.11)	2.03	(0.04)	**-0.35**	(0.12)	6.00	(0.28)	7.85	(0.10)	**-1.85**	(0.30)
	Hungary	1.88	(0.14)	1.84	(0.04)	0.05	(0.14)	6.20	(0.32)	6.44	(0.09)	-0.24	(0.33)
	Iceland	1.71	(0.02)	c	c	c	c	7.17	(0.05)	7.48	(0.48)	-0.31	(0.48)
	Ireland	1.93	(0.04)	1.50	(0.05)	**0.43**	(0.05)	6.55	(0.08)	5.48	(0.10)	**1.07**	(0.12)
	Italy	1.92	(0.32)	2.49	(0.03)	-0.58	(0.33)	6.22	(0.72)	7.13	(0.07)	-0.91	(0.73)
	Japan	a	a	1.48	(0.06)	a	a	a	a	6.43	(0.13)	a	a
	Korea	1.77	(0.25)	2.32	(0.07)	**-0.55**	(0.25)	7.46	(0.28)	9.36	(0.13)	**-1.89**	(0.30)
	Luxembourg	1.76	(0.03)	1.62	(0.03)	**0.14**	(0.04)	6.64	(0.06)	6.04	(0.07)	**0.60**	(0.09)
	Mexico	2.26	(0.06)	2.26	(0.02)	-0.01	(0.07)	7.15	(0.14)	7.50	(0.06)	**-0.35**	(0.15)
	Netherlands	1.37	(0.04)	1.74	(0.04)	**-0.37**	(0.06)	4.89	(0.08)	5.37	(0.08)	**-0.49**	(0.11)
	New Zealand	1.49	(0.09)	1.59	(0.03)	-0.10	(0.09)	6.28	(0.20)	6.68	(0.05)	**-0.41**	(0.20)
	Norway	1.40	(0.03)	c	c	c	c	5.83	(0.06)	6.55	(0.84)	-0.72	(0.84)
	Poland	2.09	(0.03)	2.31	(0.18)	-0.22	(0.19)	7.23	(0.06)	6.92	(0.38)	0.31	(0.39)
	Portugal	1.77	(0.04)	2.16	(0.04)	**-0.39**	(0.06)	5.67	(0.09)	7.08	(0.08)	**-1.40**	(0.11)
	Slovak Republic	1.89	(0.05)	1.56	(0.04)	**0.32**	(0.07)	7.18	(0.13)	5.09	(0.11)	**2.09**	(0.17)
	Spain	1.96	(0.03)	c	c	c	c	6.41	(0.06)	6.48	(0.56)	-0.07	(0.56)
	Sweden	1.18	(0.02)	1.39	(0.24)	-0.22	(0.24)	4.87	(0.04)	5.23	(0.44)	-0.36	(0.44)
	Switzerland	1.74	(0.02)	1.44	(0.05)	**0.30**	(0.05)	6.53	(0.06)	4.99	(0.15)	**1.54**	(0.16)
	Turkey	1.92	(0.12)	2.32	(0.05)	**-0.41**	(0.13)	7.16	(0.36)	8.22	(0.14)	**-1.06**	(0.39)
	United Kingdom	1.20	(0.31)	1.49	(0.02)	-0.29	(0.31)	5.64	(0.49)	5.90	(0.05)	-0.26	(0.50)
	United States	1.82	(0.09)	2.08	(0.03)	**-0.25**	(0.09)	6.39	(0.19)	7.09	(0.07)	**-0.70**	(0.19)
	OECD average	1.75	(0.02)	1.89	(0.02)	**-0.13**	(0.03)	6.43	(0.04)	6.69	(0.06)	**-0.27**	(0.07)
Partners	Argentina	1.72	(0.08)	1.86	(0.05)	-0.14	(0.10)	5.04	(0.14)	5.76	(0.13)	**-0.72**	(0.19)
	Azerbaijan	2.96	(0.08)	2.92	(0.08)	0.04	(0.10)	8.61	(0.17)	8.32	(0.18)	0.30	(0.23)
	Brazil	1.71	(0.05)	1.84	(0.04)	-0.12	(0.06)	5.64	(0.12)	6.38	(0.08)	**-0.74**	(0.15)
	Bulgaria	1.81	(0.18)	2.10	(0.06)	-0.29	(0.18)	5.32	(0.37)	6.29	(0.15)	**-0.98**	(0.39)
	Chile	1.69	(0.22)	1.60	(0.03)	0.09	(0.21)	5.48	(0.53)	6.15	(0.09)	-0.67	(0.52)
	Colombia	1.82	(0.05)	2.00	(0.04)	**-0.18**	(0.06)	6.91	(0.12)	7.67	(0.11)	**-0.75**	(0.16)
	Croatia	c	c	1.80	(0.03)	c	c	6.38	(0.87)	5.66	(0.06)	0.73	(0.87)
	Estonia	1.95	(0.03)	2.23	(0.20)	-0.27	(0.20)	7.14	(0.07)	7.44	(0.36)	-0.29	(0.36)
	Hong Kong-China	1.99	(0.07)	2.38	(0.05)	**-0.39**	(0.09)	8.08	(0.14)	9.32	(0.09)	**-1.24**	(0.16)
	Indonesia	2.07	(0.04)	1.91	(0.05)	**0.16**	(0.06)	7.66	(0.15)	7.20	(0.13)	**0.46**	(0.18)
	Israel	2.24	(0.10)	2.34	(0.06)	-0.10	(0.11)	8.47	(0.24)	8.73	(0.11)	-0.26	(0.24)
	Jordan	2.69	(0.04)	a	a	a	a	7.96	(0.08)	a	a	a	a
	Kyrgyzstan	2.19	(0.04)	2.28	(0.07)	-0.09	(0.08)	6.73	(0.10)	6.65	(0.17)	0.08	(0.18)
	Latvia	2.46	(0.04)	2.01	(0.14)	**0.45**	(0.14)	8.17	(0.09)	7.26	(0.30)	**0.91**	(0.30)
	Liechtenstein	1.50	(0.07)	1.44	(0.15)	0.05	(0.16)	6.17	(0.13)	5.10	(0.28)	**1.07**	(0.32)
	Lithuania	1.78	(0.03)	c	c	c	c	6.02	(0.06)	6.00	(0.00)	0.02	(0.06)
	Macao-China	1.80	(0.03)	2.51	(0.05)	**-0.71**	(0.05)	8.24	(0.07)	9.41	(0.09)	**-1.17**	(0.12)
	Montenegro	c	c	2.03	(0.03)	c	c	4.14	(0.84)	6.03	(0.07)	**-1.89**	(0.85)
	Qatar	2.17	(0.05)	2.24	(0.03)	-0.07	(0.05)	6.81	(0.12)	7.32	(0.07)	**-0.51**	(0.13)
	Romania	2.16	(0.04)	a	a	a	a	6.67	(0.11)	a	a	a	a
	Russian Federation	2.16	(0.07)	2.26	(0.05)	-0.10	(0.08)	6.77	(0.13)	7.12	(0.12)	**-0.35**	(0.15)
	Serbia	1.75	(0.26)	1.82	(0.03)	**-0.07**	(0.26)	6.63	(0.64)	6.04	(0.07)	0.59	(0.63)
	Slovenia	1.67	(0.21)	1.93	(0.02)	-0.26	(0.21)	5.99	(0.59)	6.31	(0.05)	-0.31	(0.60)
	Chinese Taipei	1.78	(0.05)	1.93	(0.05)	**-0.15**	(0.07)	7.82	(0.14)	7.67	(0.16)	0.15	(0.21)
	Thailand	1.83	(0.05)	1.80	(0.03)	0.03	(0.06)	6.48	(0.09)	6.51	(0.09)	-0.02	(0.12)
	Tunisia	2.39	(0.05)	2.73	(0.06)	**-0.34**	(0.08)	7.54	(0.10)	9.13	(0.14)	**-1.59**	(0.17)
	Uruguay	1.45	(0.05)	1.64	(0.03)	**-0.19**	(0.06)	5.21	(0.12)	6.00	(0.08)	**-0.79**	(0.14)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.10b [Part 3/3] Mean learning hours and allocation of total learning time in mathematics, by lower and upper secondary schools

		Allocation of total learning time in mathematics for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)	
		%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.
OECD	Australia	66.5	(0.3)	63.0	(0.6)	**3.5**	(0.6)	9.1	(0.2)	9.9	(0.4)	**-0.9**	(0.4)	24.4	(0.3)	27.1	(0.4)	**-2.7**	(0.4)
	Austria	51.0	(2.1)	59.0	(0.5)	**-8.0**	(2.2)	12.1	(1.6)	6.3	(0.2)	**5.8**	(1.6)	36.9	(1.7)	34.7	(0.4)	2.2	(1.7)
	Belgium	57.7	(1.9)	63.3	(0.3)	**-5.7**	(1.9)	15.8	(1.5)	7.7	(0.2)	**8.1**	(1.5)	26.6	(1.1)	29.0	(0.3)	**-2.4**	(1.2)
	Canada	61.2	(0.6)	63.7	(0.3)	**-2.5**	(0.6)	14.5	(0.4)	10.9	(0.2)	**3.6**	(0.4)	24.3	(0.4)	25.4	(0.2)	-1.1	(0.5)
	Czech Republic	70.5	(0.6)	70.2	(0.7)	0.3	(0.9)	9.9	(0.3)	9.7	(0.3)	0.2	(0.4)	19.6	(0.4)	20.1	(0.5)	-0.6	(0.7)
	Denmark	62.4	(0.3)	56.8	(2.5)	**5.6**	(2.5)	16.0	(0.3)	16.2	(2.5)	-0.2	(2.5)	21.6	(0.2)	26.9	(2.2)	**-5.3**	(2.2)
	Finland	71.1	(0.3)	c	c	c	c	6.0	(0.2)	c	c	c	c	22.9	(0.2)	c	c	c	c
	France	61.7	(0.6)	63.1	(0.4)	**-1.4**	(0.7)	15.9	(0.4)	10.6	(0.3)	**5.3**	(0.5)	22.5	(0.4)	26.3	(0.4)	**-3.8**	(0.5)
	Germany	58.5	(0.3)	53.5	(1.9)	**5.1**	(1.9)	9.8	(0.3)	11.2	(2.7)	-1.4	(2.8)	31.7	(0.3)	35.3	(1.4)	**-3.6**	(1.4)
	Greece	56.1	(2.2)	48.8	(0.5)	**7.3**	(2.3)	16.3	(1.3)	26.8	(0.5)	**-10.4**	(1.4)	27.6	(1.8)	24.4	(0.4)	3.2	(1.9)
	Hungary	45.2	(2.3)	55.0	(0.4)	**-9.8**	(2.3)	23.8	(1.6)	17.3	(0.3)	**6.5**	(1.7)	31.0	(1.2)	27.8	(0.3)	**3.3**	(1.2)
	Iceland	69.4	(0.3)	c	c	c	c	8.5	(0.2)	c	c	c	c	22.1	(0.2)	c	c	c	c
	Ireland	60.6	(0.4)	68.4	(0.6)	**-7.8**	(0.7)	11.2	(0.3)	6.7	(0.3)	**4.5**	(0.4)	28.2	(0.4)	24.9	(0.5)	**3.3**	(0.6)
	Italy	54.2	(3.5)	55.0	(0.2)	-0.8	(3.5)	15.0	(3.1)	10.7	(0.2)	4.3	(3.2)	30.7	(2.7)	34.3	(0.2)	-3.5	(2.7)
	Japan	a	a	71.7	(0.5)	a	a	a	a	8.7	(0.3)	a	a	a	a	19.6	(0.4)	a	a
	Korea	58.9	(2.8)	56.9	(0.5)	1.9	(2.8)	21.2	(2.3)	20.9	(0.3)	0.3	(2.3)	20.0	(2.6)	22.2	(0.4)	-2.2	(2.7)
	Luxembourg	61.5	(0.4)	66.4	(0.5)	**-4.9**	(0.7)	12.9	(0.3)	8.0	(0.3)	**4.9**	(0.5)	25.6	(0.3)	25.6	(0.4)	-0.1	(0.5)
	Mexico	50.5	(0.7)	57.5	(0.4)	**-7.0**	(0.8)	16.7	(0.6)	12.7	(0.3)	**4.0**	(0.7)	32.9	(0.5)	29.8	(0.3)	**3.1**	(0.6)
	Netherlands	59.6	(0.6)	61.0	(0.7)	-1.3	(1.0)	13.6	(0.5)	8.4	(0.4)	**5.1**	(0.6)	26.8	(0.4)	30.6	(0.5)	**-3.8**	(0.7)
	New Zealand	64.7	(1.4)	69.9	(0.4)	**-5.1**	(1.4)	12.1	(1.0)	8.3	(0.3)	**3.9**	(1.0)	23.1	(0.9)	21.8	(0.3)	1.3	(1.0)
	Norway	62.2	(0.4)	c	c	c	c	16.0	(0.3)	c	c	c	c	21.9	(0.3)	c	c	c	c
	Poland	62.5	(0.3)	63.4	(1.8)	-0.9	(1.7)	10.1	(0.3)	5.6	(0.8)	**4.5**	(0.8)	27.4	(0.3)	31.0	(1.6)	**-3.6**	(1.6)
	Portugal	56.9	(0.6)	60.9	(0.4)	**-4.0**	(0.6)	13.6	(0.4)	9.5	(0.4)	**4.0**	(0.6)	29.5	(0.5)	29.6	(0.4)	-0.1	(0.6)
	Slovak Republic	62.4	(0.7)	59.6	(0.7)	**2.8**	(1.0)	13.0	(0.4)	12.3	(0.4)	0.7	(0.5)	24.6	(0.5)	28.2	(0.5)	**-3.6**	(0.7)
	Spain	57.7	(0.3)	c	c	**c**	c	13.1	(0.2)	c	c	c	c	29.3	(0.3)	c	c	c	c
	Sweden	68.1	(0.5)	66.6	(2.3)	1.5	(2.3)	9.9	(0.2)	10.4	(1.8)	-0.5	(1.8)	22.0	(0.4)	23.0	(2.1)	-1.0	(2.1)
	Switzerland	63.4	(0.4)	64.2	(0.9)	-0.7	(1.0)	10.2	(0.3)	6.9	(0.5)	**3.3**	(0.6)	26.4	(0.2)	28.9	(0.7)	**-2.6**	(0.8)
	Turkey	49.8	(3.5)	50.8	(0.4)	-1.0	(3.5)	23.9	(2.9)	22.6	(0.4)	1.2	(2.9)	26.3	(2.7)	26.6	(0.3)	-0.2	(2.7)
	United Kingdom	68.9	(4.2)	67.1	(0.3)	1.8	(4.2)	10.8	(2.3)	8.9	(0.2)	2.0	(2.4)	20.3	(3.6)	24.0	(0.2)	-3.7	(3.6)
	United States	47.3	(1.8)	56.5	(0.4)	**-9.1**	(1.9)	22.3	(1.0)	14.4	(0.4)	7.9	(1.0)	30.3	(1.1)	29.1	(0.3)	1.2	(1.2)
	OECD average	60.0	(0.3)	61.2	(0.2)	**-1.6**	(0.4)	13.4	(0.2)	11.6	(0.2)	2.6	(0.3)	26.1	(0.2)	27.2	(0.2)	**-1.1**	(0.3)
Partners	Argentina	50.3	(1.1)	56.7	(0.7)	**-6.5**	(1.3)	15.1	(1.0)	11.4	(0.5)	**3.7**	(1.1)	34.7	(0.8)	31.9	(0.5)	**2.7**	(1.0)
	Azerbaijan	48.4	(0.7)	45.4	(0.6)	**3.0**	(0.8)	17.6	(0.5)	20.0	(0.6)	**-2.4**	(0.8)	34.1	(0.6)	34.6	(0.6)	-0.5	(0.8)
	Brazil	51.7	(0.8)	55.6	(0.6)	**-3.9**	(1.0)	19.3	(0.8)	16.4	(0.4)	**2.8**	(0.9)	29.0	(0.6)	27.9	(0.5)	1.1	(0.7)
	Bulgaria	50.2	(3.0)	51.3	(0.5)	-1.1	(3.0)	18.6	(1.5)	16.3	(0.5)	2.4	(1.5)	31.2	(2.5)	32.5	(0.4)	-1.3	(2.5)
	Chile	43.8	(1.5)	57.4	(0.5)	**-13.6**	(1.7)	26.4	(2.4)	14.7	(0.3)	**11.7**	(2.5)	29.9	(2.2)	28.0	(0.4)	1.9	(2.3)
	Colombia	58.5	(0.9)	62.1	(0.5)	**-3.6**	(0.9)	15.4	(0.7)	13.5	(0.4)	**2.0**	(0.8)	26.0	(0.6)	24.4	(0.4)	**1.6**	(0.6)
	Croatia	c	c	58.4	(0.5)	c	c	c	c	c	c	16.5	(17.7)	c	c	30.2	(0.4)	c	c
	Estonia	62.2	(0.4)	63.6	(2.0)	-1.4	(2.0)	12.4	(0.3)	8.5	(1.4)	**3.9**	(1.5)	25.4	(0.3)	27.9	(1.7)	-2.4	(1.7)
	Hong Kong-China	63.9	(0.9)	61.9	(0.5)	2.0	(1.0)	13.3	(0.5)	14.5	(0.3)	**-1.2**	(0.5)	22.8	(0.6)	23.7	(0.3)	-0.8	(0.7)
	Indonesia	54.0	(0.6)	60.5	(1.0)	**-6.5**	(1.3)	18.9	(0.5)	13.6	(0.7)	**5.3**	(0.9)	27.1	(0.4)	25.9	(0.5)	1.2	(0.7)
	Israel	52.0	(1.1)	51.3	(0.7)	0.7	(1.2)	23.0	(0.8)	23.1	(0.3)	-0.2	(0.9)	25.0	(0.8)	25.6	(0.5)	-0.5	(0.9)
	Jordan	43.2	(0.5)	c	c	c	c	22.3	(0.5)	c	c	c	c	34.5	(0.4)	c	c	c	c
	Kyrgyzstan	41.8	(0.6)	42.7	(0.8)	-0.9	(0.9)	24.8	(0.6)	22.0	(0.7)	**2.7**	(0.8)	33.5	(0.5)	35.3	(0.8)	-1.8	(1.0)
	Latvia	58.0	(0.4)	64.1	(1.8)	**-6.1**	(1.9)	13.4	(0.4)	11.2	(1.4)	2.2	(1.5)	28.6	(0.3)	24.7	(1.5)	**3.9**	(1.5)
	Liechtenstein	66.3	(1.2)	69.7	(2.8)	-3.4	(2.9)	9.1	(0.7)	3.7	(1.2)	**5.4**	(1.5)	24.5	(1.0)	26.6	(2.4)	-2.0	(2.3)
	Lithuania	60.7	(0.4)	a	a	a	a	11.5	(0.3)	a	a	a	a	27.8	(0.3)	a	a	a	a
	Macao-China	66.7	(0.5)	65.4	(0.4)	**1.3**	(0.6)	12.9	(0.3)	10.0	(0.4)	**2.9**	(0.5)	20.3	(0.4)	24.6	(0.4)	**-4.2**	(0.5)
	Montenegro	c	c	52.4	(0.4)	c	c	c	c	13.5	(0.3)	c	c	c	c	34.1	(0.4)	c	c
	Qatar	39.2	(0.7)	44.4	(0.3)	**-5.2**	(0.8)	28.1	(0.7)	24.3	(0.3)	**3.8**	(0.8)	32.6	(0.6)	31.3	(0.3)	**1.4**	(0.6)
	Romania	49.5	(0.6)	a	a	a	a	19.7	(0.4)	a	a	a	a	30.7	(0.4)	a	a	a	a
	Russian Federation	51.5	(0.9)	55.3	(0.5)	**-3.8**	(0.9)	17.8	(1.0)	14.4	(0.5)	**3.4**	(0.9)	30.7	(0.6)	30.2	(0.4)	0.4	(0.7)
	Serbia	59.6	(4.6)	59.3	(0.5)	0.4	(4.6)	16.6	(2.6)	12.9	(0.3)	3.7	(2.5)	23.8	(3.0)	27.8	(0.4)	-4.0	(3.1)
	Slovenia	48.8	(3.2)	55.9	(0.3)	**-7.0**	(3.2)	20.6	(2.3)	14.1	(0.2)	**6.5**	(2.3)	30.6	(4.5)	30.0	(0.3)	0.5	(4.5)
	Chinese Taipei	57.7	(0.6)	60.7	(0.5)	**-3.0**	(0.8)	19.9	(0.5)	15.4	(0.3)	**4.5**	(0.7)	22.4	(0.3)	23.9	(0.3)	**-1.5**	(0.4)
	Thailand	62.4	(0.9)	63.9	(0.4)	-1.5	(0.9)	12.2	(0.6)	9.9	(0.3)	**2.3**	(0.7)	25.4	(0.6)	26.2	(0.3)	-0.8	(0.7)
	Tunisia	39.3	(0.6)	43.8	(0.4)	**-4.5**	(0.8)	28.1	(0.5)	26.2	(0.3)	**1.8**	(0.6)	32.6	(0.5)	30.0	(0.4)	**2.6**	(0.7)
	Uruguay	56.0	(0.9)	62.9	(0.5)	**-6.9**	(1.0)	15.5	(0.7)	11.0	(0.3)	**4.4**	(0.8)	28.5	(0.7)	26.0	(0.3)	**2.5**	(0.7)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.10c [Part 1/3] Mean learning hours and allocation of total learning time on the language of instruction, by lower and upper secondary schools

		Mean learning hours per week											
		Regular school lessons						Out-of-school-time lessons					
		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	4.07	(0.03)	4.02	(0.05)	0.05	(0.05)	0.65	(0.02)	0.71	(0.03)	-0.07	(0.04)
	Austria	3.56	(0.13)	2.82	(0.04)	**0.74**	(0.14)	0.54	(0.12)	0.22	(0.02)	**0.32**	(0.12)
	Belgium	3.52	(0.19)	3.48	(0.03)	0.04	(0.19)	0.96	(0.10)	0.44	(0.01)	**0.52**	(0.10)
	Canada	4.14	(0.06)	4.48	(0.04)	**-0.34**	(0.07)	0.98	(0.04)	0.84	(0.02)	**0.14**	(0.04)
	Czech Republic	4.03	(0.04)	3.43	(0.05)	**0.60**	(0.06)	0.62	(0.02)	0.61	(0.02)	0.01	(0.03)
	Denmark	5.52	(0.04)	3.96	(0.16)	**1.56**	(0.17)	1.69	(0.03)	1.17	(0.19)	**0.52**	(0.20)
	Finland	3.13	(0.05)	c	c	c	c	0.36	(0.01)	c	c	c	c
	France	3.81	(0.05)	4.14	(0.03)	**-0.33**	(0.06)	1.00	(0.03)	0.62	(0.03)	**0.38**	(0.04)
	Germany	3.68	(0.03)	2.99	(0.21)	**0.69**	(0.21)	0.61	(0.02)	0.52	(0.22)	0.09	(0.22)
	Greece	2.68	(0.21)	3.22	(0.04)	**-0.53**	(0.21)	1.42	(0.16)	1.65	(0.03)	-0.23	(0.16)
	Hungary	2.46	(0.13)	3.24	(0.04)	**-0.78**	(0.14)	1.52	(0.13)	1.29	(0.03)	0.23	(0.13)
	Iceland	4.53	(0.02)	c	c	c	c	0.46	(0.02)	c	c	c	c
	Ireland	3.61	(0.04)	3.45	(0.05)	**0.16**	(0.06)	0.72	(0.03)	0.49	(0.03)	**0.23**	(0.03)
	Italy	3.92	(0.20)	4.63	(0.03)	**-0.71**	(0.21)	1.55	(0.26)	0.78	(0.02)	**0.77**	(0.27)
	Japan	a	a	3.82	(0.04)	a	a	a	a	0.43	(0.02)	a	a
	Korea	3.86	(0.19)	4.49	(0.04)	**-0.63**	(0.20)	1.29	(0.26)	1.45	(0.04)	-0.16	(0.26)
	Luxembourg	3.53	(0.03)	3.46	(0.04)	0.08	(0.05)	0.77	(0.02)	0.28	(0.02)	**0.49**	(0.03)
	Mexico	3.64	(0.07)	3.80	(0.04)	-0.16	(0.09)	1.29	(0.06)	0.96	(0.02)	**0.33**	(0.06)
	Netherlands	2.97	(0.03)	2.79	(0.04)	**0.18**	(0.05)	0.76	(0.02)	0.31	(0.02)	**0.45**	(0.03)
	New Zealand	3.81	(0.10)	4.43	(0.03)	**-0.62**	(0.10)	0.87	(0.09)	0.64	(0.03)	**0.23**	(0.10)
	Norway	3.60	(0.04)	c	c	c	c	1.16	(0.02)	c	c	c	c
	Poland	4.64	(0.03)	4.97	(0.19)	-0.33	(0.19)	0.71	(0.03)	0.32	(0.08)	**0.39**	(0.08)
	Portugal	3.01	(0.04)	3.52	(0.03)	**-0.52**	(0.05)	0.78	(0.03)	0.35	(0.02)	**0.44**	(0.03)
	Slovak Republic	4.07	(0.07)	2.56	(0.05)	**1.51**	(0.09)	1.03	(0.03)	0.80	(0.03)	**0.23**	(0.05)
	Spain	3.60	(0.03)	c	c	c	c	0.58	(0.02)	c	c	c	c
	Sweden	3.12	(0.03)	3.07	(0.15)	0.05	(0.15)	0.68	(0.02)	0.73	(0.11)	-0.05	(0.11)
	Switzerland	3.75	(0.03)	3.20	(0.12)	**0.55**	(0.13)	0.54	(0.02)	0.26	(0.04)	**0.28**	(0.04)
	Turkey	4.20	(0.23)	3.98	(0.05)	0.22	(0.23)	1.90	(0.21)	1.81	(0.05)	0.09	(0.22)
	United Kingdom	3.68	(0.25)	3.89	(0.04)	-0.21	(0.26)	0.93	(0.19)	0.59	(0.02)	0.34	(0.19)
	United States	2.77	(0.11)	3.76	(0.04)	**-0.98**	(0.11)	1.38	(0.13)	1.08	(0.03)	**0.30**	(0.14)
	OECD average	3.69	(0.02)	3.68	(0.02)	0.01	(0.03)	0.96	(0.02)	0.74	(0.01)	**0.25**	(0.03)
Partners	Argentina	2.19	(0.06)	2.47	(0.07)	**-0.29**	(0.09)	0.67	(0.04)	0.33	(0.03)	**0.34**	(0.05)
	Azerbaijan	3.64	(0.05)	3.75	(0.07)	-0.11	(0.08)	1.65	(0.06)	2.02	(0.07)	**-0.36**	(0.08)
	Brazil	2.77	(0.07)	3.26	(0.05)	**-0.49**	(0.09)	1.20	(0.04)	1.17	(0.03)	0.03	(0.05)
	Bulgaria	2.64	(0.21)	2.93	(0.05)	-0.30	(0.22)	1.09	(0.14)	1.09	(0.04)	-0.00	(0.15)
	Chile	2.41	(0.19)	3.49	(0.06)	**-1.08**	(0.20)	1.43	(0.17)	0.98	(0.03)	**0.45**	(0.17)
	Colombia	3.58	(0.07)	4.14	(0.07)	**-0.55**	(0.10)	1.19	(0.04)	1.12	(0.04)	0.06	(0.05)
	Croatia	c	c	3.33	(0.03)	c	c	c	c	0.39	(0.02)	c	c
	Estonia	3.47	(0.04)	4.14	(0.16)	**-0.67**	(0.16)	0.89	(0.03)	0.87	(0.15)	0.02	(0.15)
	Hong Kong-China	5.00	(0.07)	5.30	(0.05)	**-0.30**	(0.07)	0.83	(0.04)	0.79	(0.03)	0.03	(0.05)
	Indonesia	3.87	(0.09)	3.40	(0.06)	**0.47**	(0.10)	1.52	(0.04)	0.97	(0.04)	**0.56**	(0.06)
	Israel	2.80	(0.11)	3.06	(0.05)	**-0.26**	(0.12)	1.26	(0.08)	1.35	(0.04)	-0.08	(0.09)
	Jordan	3.56	(0.05)	a	a	a	a	1.77	(0.04)	a	a	a	a
	Kyrgyzstan	2.69	(0.05)	2.89	(0.11)	-0.20	(0.10)	1.68	(0.03)	1.78	(0.06)	-0.10	(0.07)
	Latvia	3.71	(0.04)	3.16	(0.15)	**0.55**	(0.15)	0.89	(0.03)	0.60	(0.08)	**0.29**	(0.08)
	Liechtenstein	3.70	(0.08)	3.39	(0.31)	0.30	(0.31)	0.35	(0.05)	0.11	(0.05)	**0.24**	(0.07)
	Lithuania	3.66	(0.04)	c	c	c	c	0.66	(0.02)	c	c	c	c
	Macao-China	5.13	(0.03)	5.63	(0.05)	**-0.49**	(0.06)	1.17	(0.04)	0.86	(0.05)	**0.32**	(0.06)
	Montenegro	c	c	2.94	(0.04)	c	c	c	c	0.75	(0.02)	c	c
	Qatar	2.60	(0.06)	2.98	(0.03)	**-0.38**	(0.07)	1.83	(0.05)	1.52	(0.03)	**0.31**	(0.05)
	Romania	3.30	(0.06)	a	a	a	a	1.52	(0.03)	a	a	a	a
	Russian Federation	2.47	(0.05)	1.79	(0.05)	**0.68**	(0.06)	0.96	(0.04)	0.74	(0.03)	**0.23**	(0.04)
	Serbia	3.36	(0.41)	3.17	(0.04)	0.19	(0.41)	1.09	(0.20)	0.92	(0.03)	0.16	(0.21)
	Slovenia	2.80	(0.24)	3.26	(0.03)	-0.46	(0.24)	1.13	(0.13)	0.72	(0.02)	**0.41**	(0.13)
	Chinese Taipei	4.51	(0.06)	4.30	(0.07)	**0.21**	(0.09)	0.95	(0.04)	0.57	(0.02)	**0.39**	(0.05)
	Thailand	3.58	(0.05)	2.88	(0.02)	**0.70**	(0.05)	0.86	(0.05)	0.42	(0.02)	**0.43**	(0.06)
	Tunisia	2.74	(0.08)	3.50	(0.06)	**-0.76**	(0.10)	2.05	(0.05)	1.53	(0.07)	**0.52**	(0.08)
	Uruguay	2.60	(0.07)	2.81	(0.04)	**-0.20**	(0.08)	0.81	(0.05)	0.56	(0.02)	**0.25**	(0.05)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.10c [Part 2/3] Mean learning hours and allocation of total learning time on the language of instruction, by lower and upper secondary schools

		Mean learning hours per week											
		Individual study						Total learning hours					
		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	1.66	(0.02)	1.92	(0.04)	**-0.27**	(0.04)	6.38	(0.05)	6.65	(0.08)	-0.27	(0.09)
	Austria	2.41	(0.17)	1.49	(0.04)	**0.92**	(0.17)	6.54	(0.24)	4.54	(0.07)	2.00	(0.25)
	Belgium	1.52	(0.10)	1.34	(0.02)	0.18	(0.10)	6.10	(0.27)	5.27	(0.04)	0.83	(0.27)
	Canada	1.45	(0.04)	1.79	(0.03)	**-0.34**	(0.05)	6.63	(0.11)	7.14	(0.07)	-0.50	(0.13)
	Czech Republic	1.16	(0.03)	1.16	(0.03)	0.01	(0.05)	5.81	(0.07)	5.19	(0.07)	0.61	(0.09)
	Denmark	2.16	(0.03)	2.21	(0.26)	-0.05	(0.25)	9.37	(0.07)	7.35	(0.27)	2.02	(0.27)
	Finland	1.13	(0.02)	c	c	c	c	4.63	(0.07)	c	c	c	c
	France	1.36	(0.03)	1.62	(0.03)	**-0.26**	(0.04)	6.19	(0.08)	6.38	(0.05)	-0.19	(0.09)
	Germany	1.90	(0.03)	1.63	(0.19)	0.27	(0.20)	6.20	(0.05)	5.16	(0.52)	1.04	(0.53)
	Greece	1.77	(0.14)	1.95	(0.03)	-0.18	(0.14)	5.91	(0.46)	6.82	(0.07)	-0.91	(0.45)
	Hungary	1.84	(0.14)	1.86	(0.04)	-0.02	(0.14)	5.79	(0.30)	6.41	(0.09)	-0.62	(0.32)
	Iceland	1.54	(0.02)	c	c	c	c	6.54	(0.04)	c	c	c	c
	Ireland	1.87	(0.04)	1.57	(0.05)	**0.30**	(0.06)	6.20	(0.08)	5.53	(0.10)	0.67	(0.12)
	Italy	2.28	(0.21)	2.96	(0.04)	**-0.68**	(0.22)	7.80	(0.44)	8.38	(0.07)	-0.58	(0.45)
	Japan	a	a	0.94	(0.03)	a	a	a	a	5.19	(0.07)	a	a
	Korea	1.27	(0.08)	1.41	(0.03)	-0.13	(0.09)	6.41	(0.34)	7.36	(0.09)	-0.95	(0.35)
	Luxembourg	1.51	(0.03)	1.15	(0.03)	**0.36**	(0.05)	5.82	(0.06)	4.89	(0.06)	0.94	(0.09)
	Mexico	2.13	(0.05)	2.00	(0.02)	**0.13**	(0.06)	7.05	(0.15)	6.73	(0.06)	0.32	(0.16)
	Netherlands	1.34	(0.03)	1.29	(0.04)	0.06	(0.05)	5.08	(0.06)	4.38	(0.07)	0.70	(0.09)
	New Zealand	1.55	(0.10)	1.57	(0.03)	-0.02	(0.10)	6.15	(0.20)	6.65	(0.06)	-0.51	(0.20)
	Norway	1.45	(0.03)	c	c	c	c	6.20	(0.06)	c	c	c	c
	Poland	2.22	(0.03)	2.36	(0.20)	-0.14	(0.20)	7.56	(0.05)	7.65	(0.38)	-0.09	(0.38)
	Portugal	1.78	(0.04)	1.80	(0.03)	-0.02	(0.06)	5.59	(0.08)	5.67	(0.06)	-0.08	(0.10)
	Slovak Republic	1.78	(0.05)	1.71	(0.05)	0.07	(0.07)	6.88	(0.11)	5.07	(0.09)	1.81	(0.15)
	Spain	1.89	(0.03)	c	c	c	c	6.10	(0.05)	c	c	c	c
	Sweden	1.26	(0.02)	1.29	(0.15)	-0.03	(0.15)	5.05	(0.06)	5.10	(0.35)	-0.05	(0.36)
	Switzerland	1.44	(0.02)	1.20	(0.04)	**0.24**	(0.04)	5.73	(0.04)	4.65	(0.17)	1.08	(0.17)
	Turkey	2.30	(0.12)	2.17	(0.05)	0.13	(0.13)	8.29	(0.35)	7.94	(0.13)	0.35	(0.38)
	United Kingdom	1.39	(0.33)	1.59	(0.02)	-0.20	(0.33)	6.11	(0.48)	6.08	(0.06)	0.03	(0.48)
	United States	1.60	(0.08)	1.90	(0.04)	**-0.30**	(0.09)	5.82	(0.21)	6.77	(0.07)	-0.95	(0.23)
	OECD average	1.69	(0.02)	1.69	(0.02)	0.00	(0.03)	6.34	(0.04)	6.11	(0.03)	0.27	(0.06)
Partners	Argentina	1.69	(0.10)	1.61	(0.04)	0.07	(0.10)	4.59	(0.15)	4.39	(0.09)	0.20	(0.17)
	Azerbaijan	2.99	(0.06)	3.27	(0.08)	-0.28	(0.09)	8.35	(0.14)	9.12	(0.16)	-0.77	(0.21)
	Brazil	1.80	(0.04)	1.72	(0.03)	0.09	(0.06)	5.76	(0.11)	6.13	(0.08)	-0.37	(0.13)
	Bulgaria	1.65	(0.18)	2.08	(0.05)	-0.43	(0.18)	5.34	(0.43)	6.13	(0.11)	-0.79	(0.43)
	Chile	1.63	(0.16)	1.56	(0.03)	0.06	(0.17)	5.50	(0.47)	6.05	(0.08)	-0.55	(0.46)
	Colombia	1.78	(0.05)	1.88	(0.05)	-0.10	(0.07)	6.59	(0.11)	7.13	(0.11)	-0.54	(0.14)
	Croatia	c	c	1.58	(0.03)	c	c	c	c	5.32	(0.06)	c	c
	Estonia	1.61	(0.02)	1.77	(0.15)	-0.15	(0.15)	5.98	(0.06)	6.77	(0.34)	-0.79	(0.34)
	Hong Kong-China	1.71	(0.06)	1.60	(0.03)	0.11	(0.06)	7.54	(0.13)	7.70	(0.08)	-0.16	(0.12)
	Indonesia	1.91	(0.05)	1.69	(0.06)	0.22	(0.09)	7.28	(0.14)	6.04	(0.12)	1.24	(0.20)
	Israel	1.53	(0.08)	1.68	(0.04)	-0.15	(0.08)	5.56	(0.19)	6.11	(0.10)	-0.54	(0.22)
	Jordan	2.59	(0.04)	a	a	a	a	7.92	(0.09)	a	a	a	a
	Kyrgyzstan	2.27	(0.04)	2.54	(0.07)	-0.28	(0.07)	6.72	(0.09)	7.22	(0.18)	-0.50	(0.18)
	Latvia	2.02	(0.03)	1.55	(0.12)	0.48	(0.13)	6.63	(0.07)	5.30	(0.27)	1.32	(0.28)
	Liechtenstein	1.25	(0.06)	1.10	(0.22)	0.16	(0.24)	5.29	(0.11)	4.60	(0.41)	0.69	(0.44)
	Lithuania	1.82	(0.03)	c	c	c	c	6.13	(0.06)	c	c	c	c
	Macao-China	1.43	(0.03)	1.59	(0.04)	-0.15	(0.05)	7.75	(0.07)	8.06	(0.10)	-0.31	(0.12)
	Montenegro	c	c	1.99	(0.03)	c	c	c	c	5.67	(0.07)	c	c
	Qatar	2.21	(0.05)	1.99	(0.03)	0.23	(0.06)	6.60	(0.12)	6.49	(0.07)	0.12	(0.13)
	Romania	2.19	(0.04)	a	a	a	a	7.02	(0.10)	a	a	a	a
	Russian Federation	1.76	(0.05)	1.43	(0.04)	0.33	(0.06)	5.18	(0.08)	3.94	(0.09)	1.24	(0.12)
	Serbia	1.59	(0.27)	1.70	(0.03)	-0.11	(0.27)	6.02	(0.53)	5.79	(0.07)	0.22	(0.54)
	Slovenia	1.55	(0.17)	1.47	(0.02)	0.07	(0.18)	5.53	(0.35)	5.47	(0.05)	0.06	(0.35)
	Chinese Taipei	1.85	(0.04)	1.73	(0.04)	0.12	(0.06)	7.36	(0.11)	6.62	(0.10)	0.74	(0.14)
	Thailand	1.92	(0.06)	1.61	(0.03)	0.31	(0.06)	6.35	(0.10)	4.90	(0.06)	1.45	(0.11)
	Tunisia	2.28	(0.06)	1.97	(0.05)	0.31	(0.08)	7.12	(0.14)	6.99	(0.15)	0.13	(0.20)
	Uruguay	1.30	(0.04)	1.38	(0.03)	-0.08	(0.04)	4.77	(0.09)	4.75	(0.07)	0.02	(0.11)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.10c [Part 3/3] Mean learning hours and allocation of total learning time on the language of instruction, by lower and upper secondary schools

		Allocation of total learning time on the language of instruction for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)	
		%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.
OECD	Australia	67.7	(0.3)	64.5	(0.5)	**3.2**	(0.6)	8.2	(0.2)	8.8	(0.4)	-0.7	(0.4)	24.1	(0.2)	26.7	(0.4)	**-2.5**	(0.4)
	Austria	58.0	(2.2)	66.0	(0.4)	**-8.0**	(2.2)	6.8	(1.2)	3.1	(0.3)	**3.7**	(1.3)	35.2	(1.8)	30.9	(0.4)	**4.3**	(1.8)
	Belgium	58.5	(1.9)	67.6	(0.3)	**-9.1**	(1.9)	15.4	(1.6)	6.8	(0.2)	**8.6**	(1.7)	26.2	(1.3)	25.6	(0.2)	0.5	(1.3)
	Canada	65.0	(0.7)	65.7	(0.3)	-0.8	(0.7)	12.9	(0.4)	10.4	(0.2)	**2.5**	(0.4)	22.1	(0.5)	23.8	(0.3)	-1.7	(0.6)
	Czech Republic	72.4	(0.6)	70.8	(0.7)	1.6	(0.9)	8.8	(0.2)	9.1	(0.3)	-0.3	(0.4)	18.7	(0.4)	20.0	(0.6)	-1.3	(0.7)
	Denmark	62.2	(0.3)	56.1	(2.4)	**6.1**	(2.4)	16.0	(0.2)	14.6	(2.8)	1.4	(2.8)	21.8	(0.2)	29.3	(2.7)	**-7.5**	(2.6)
	Finland	70.7	(0.4)	c	c	c	c	6.2	(0.2)	c	c	c	c	23.1	(0.3)	c	c	c	c
	France	64.7	(0.6)	68.4	(0.5)	**-3.7**	(0.8)	14.6	(0.4)	8.2	(0.4)	**6.4**	(0.5)	20.7	(0.4)	23.4	(0.3)	**-2.7**	(0.5)
	Germany	62.3	(0.4)	60.9	(1.7)	1.4	(1.8)	7.9	(0.3)	8.5	(1.9)	-0.6	(2.0)	29.8	(0.3)	30.6	(1.9)	-0.8	(1.9)
	Greece	50.6	(2.2)	51.0	(0.6)	-0.4	(2.3)	21.0	(2.0)	21.6	(0.3)	-0.6	(2.0)	28.4	(1.4)	27.4	(0.3)	1.0	(1.4)
	Hungary	43.0	(2.4)	54.0	(0.4)	**-11.0**	(2.5)	26.0	(1.7)	17.7	(0.3)	**8.3**	(1.8)	31.0	(1.5)	28.3	(0.3)	**2.7**	(1.5)
	Iceland	71.8	(0.3)	c	c	c	c	6.0	(0.2)	c	c	c	c	22.2	(0.2)	c	c	c	c
	Ireland	62.2	(0.5)	67.5	(0.7)	**-5.3**	(0.7)	9.1	(0.3)	6.6	(0.3)	**2.5**	(0.4)	28.6	(0.4)	25.9	(0.5)	2.7	(0.6)
	Italy	51.0	(3.9)	57.3	(0.2)	-6.3	(3.9)	19.3	(3.0)	8.1	(0.2)	**11.2**	(3.0)	29.7	(1.6)	34.6	(0.2)	**-4.9**	(1.7)
	Japan	a	a	78.1	(0.5)	a	a	a	a	6.3	(0.3)	a	a	a	a	15.5	(0.4)	a	a
	Korea	65.6	(2.8)	66.4	(0.5)	-0.8	(2.8)	16.0	(3.4)	16.5	(0.4)	-0.4	(3.4)	18.4	(1.5)	17.2	(0.2)	1.2	(1.5)
	Luxembourg	64.5	(0.4)	72.3	(0.6)	**-7.8**	(0.7)	11.1	(0.3)	4.8	(0.3)	**6.3**	(0.4)	24.4	(0.4)	22.9	(0.5)	**1.5**	(0.6)
	Mexico	51.6	(0.8)	57.7	(0.4)	**-6.0**	(0.9)	17.0	(0.7)	12.7	(0.3)	**4.3**	(0.8)	31.3	(0.6)	29.6	(0.3)	**1.7**	(0.7)
	Netherlands	61.7	(0.5)	66.6	(0.7)	**-5.0**	(0.9)	12.8	(0.4)	5.6	(0.3)	**7.2**	(0.5)	25.6	(0.3)	27.7	(0.7)	**-2.2**	(0.8)
	New Zealand	65.6	(1.5)	70.5	(0.4)	**-4.9**	(1.5)	11.5	(1.0)	7.7	(0.3)	**3.8**	(1.0)	22.9	(1.2)	21.8	(0.3)	1.1	(1.2)
	Norway	62.1	(0.5)	c	c	c	c	16.5	(0.3)	c	c	c	c	21.4	(0.3)	c	c	c	c
	Poland	63.5	(0.3)	68.4	(1.9)	-4.9	(1.9)	8.5	(0.3)	3.0	(0.7)	**5.5**	(0.8)	27.9	(0.3)	28.6	(1.8)	-0.6	(1.9)
	Portugal	56.4	(0.6)	65.5	(0.4)	-9.1	(0.7)	13.1	(0.5)	4.5	(0.2)	**8.6**	(0.6)	30.5	(0.6)	30.0	(0.3)	0.5	(0.6)
	Slovak Republic	63.4	(0.7)	56.3	(0.7)	7.1	(1.0)	12.9	(0.5)	12.6	(0.4)	0.4	(0.6)	23.7	(0.5)	31.1	(0.6)	**-7.5**	(0.8)
	Spain	62.6	(0.3)	c	c	c	c	8.1	(0.3)	c	c	c	c	29.2	(0.3)	c	c	c	c
	Sweden	66.8	(0.5)	63.9	(2.2)	2.9	(2.2)	10.2	(0.2)	11.9	(1.5)	-1.7	(1.5)	23.0	(0.4)	24.3	(1.5)	-1.3	(1.6)
	Switzerland	67.1	(0.4)	69.7	(0.8)	**-2.6**	(0.8)	7.7	(0.3)	4.2	(0.6)	**3.4**	(0.6)	25.3	(0.3)	26.1	(0.6)	-0.8	(0.7)
	Turkey	51.3	(2.3)	54.9	(0.6)	-3.7	(2.3)	21.2	(2.1)	19.7	(0.4)	1.5	(2.1)	27.6	(2.2)	25.4	(0.3)	2.2	(2.3)
	United Kingdom	66.3	(5.1)	67.6	(0.3)	-1.2	(5.1)	13.6	(2.8)	7.8	(0.2)	**5.8**	(2.9)	20.1	(3.4)	24.6	(0.3)	-4.6	(3.4)
	United States	48.1	(1.8)	56.9	(0.6)	**-8.8**	(1.8)	24.0	(1.7)	14.9	(0.3)	**9.0**	(1.8)	28.0	(0.8)	28.2	(0.4)	-0.2	(0.8)
	OECD average	61.3	(0.3)	64.0	(0.2)	**-3.1**	(0.4)	13.2	(0.2)	9.8	(0.2)	**3.8**	(0.3)	25.5	(0.2)	26.1	(0.2)	**-0.8**	(0.3)
Partners	Argentina	49.0	(1.0)	57.6	(0.7)	**-8.7**	(1.3)	13.2	(0.8)	6.0	(0.5)	**7.2**	(0.9)	37.8	(1.1)	36.4	(0.6)	1.5	(1.3)
	Azerbaijan	45.6	(0.7)	43.8	(0.8)	1.8	(1.0)	18.5	(0.6)	20.4	(0.6)	**-1.8**	(0.7)	35.8	(0.6)	35.9	(0.7)	-0.0	(0.8)
	Brazil	50.8	(0.7)	56.1	(0.6)	**-5.3**	(1.0)	19.6	(0.6)	16.9	(0.4)	**2.7**	(0.7)	29.7	(0.6)	27.0	(0.4)	**2.6**	(0.8)
	Bulgaria	53.1	(3.1)	51.7	(0.5)	1.3	(3.2)	17.6	(1.7)	15.3	(0.5)	2.3	(1.9)	29.3	(2.4)	33.0	(0.4)	-3.7	(2.4)
	Chile	45.1	(2.6)	57.8	(0.7)	**-12.7**	(2.8)	22.9	(2.5)	14.9	(0.5)	**8.0**	(2.6)	31.9	(2.2)	27.2	(0.4)	**4.7**	(2.3)
	Colombia	57.0	(0.9)	62.3	(0.7)	**-5.4**	(1.1)	16.6	(0.6)	13.1	(0.4)	**3.6**	(0.6)	26.4	(0.5)	24.6	(0.5)	**1.8**	(0.6)
	Croatia	c	c	66.8	(0.4)	c	c	c	c	5.8	(0.2)	c	c	c	c	27.4	(0.4)	c	c
	Estonia	61.7	(0.5)	65.1	(1.9)	-3.4	(2.1)	13.1	(0.4)	10.5	(1.7)	**2.6**	(1.8)	25.2	(0.3)	24.4	(1.5)	0.8	(1.5)
	Hong Kong-China	69.1	(0.7)	72.0	(0.4)	**-2.9**	(0.7)	9.6	(0.4)	8.8	(0.3)	**0.8**	(0.5)	21.3	(0.5)	19.2	(0.3)	**2.1**	(0.5)
	Indonesia	53.9	(0.6)	58.7	(1.0)	**-4.8**	(1.1)	19.7	(0.4)	13.4	(0.5)	**6.3**	(0.5)	26.3	(0.5)	27.9	(0.7)	-1.5	(0.9)
	Israel	53.2	(1.7)	54.2	(0.6)	-0.9	(1.8)	20.0	(1.0)	19.8	(0.4)	0.2	(1.1)	26.8	(1.2)	26.0	(0.5)	0.8	(1.2)
	Jordan	44.2	(0.6)	a	a	a	a	22.2	(0.5)	a	a	a	a	33.6	(0.4)	a	a	a	a
	Kyrgyzstan	39.7	(0.6)	40.4	(0.9)	-0.8	(1.1)	26.5	(0.5)	24.9	(0.9)	1.7	(0.9)	33.8	(0.5)	34.7	(0.6)	-0.9	(0.8)
	Latvia	59.2	(0.4)	61.5	(1.7)	-2.4	(1.9)	11.5	(0.4)	9.8	(1.5)	1.6	(1.5)	29.4	(0.4)	28.6	(1.8)	0.7	(1.9)
	Liechtenstein	69.3	(1.2)	73.6	(4.1)	-4.3	(4.1)	6.0	(0.7)	2.3	(1.2)	**3.7**	(1.4)	24.7	(0.9)	24.1	(3.3)	0.6	(3.3)
	Lithuania	62.3	(0.4)	c	c	c	c	9.9	(0.3)	c	c	c	c	27.8	(0.3)	c	c	c	c
	Macao-China	70.0	(0.5)	73.7	(0.5)	**-3.7**	(0.7)	12.8	(0.3)	8.4	(0.3)	**4.4**	(0.5)	17.2	(0.3)	17.9	(0.4)	-0.8	(0.5)
	Montenegro	c	c	53.0	(0.4)	c	c	c	c	11.4	(0.3)	c	c	c	c	35.6	(0.4)	c	c
	Qatar	39.2	(0.7)	46.2	(0.4)	**-7.0**	(0.8)	27.3	(0.6)	22.6	(0.3)	**4.7**	(0.6)	33.5	(0.6)	31.2	(0.3)	**2.3**	(0.7)
	Romania	50.6	(0.6)	a	a	a	a	19.7	(0.4)	a	a	a	a	29.6	(0.3)	a	a	a	a
	Russian Federation	48.6	(0.9)	48.0	(0.7)	0.6	(1.0)	17.9	(1.0)	15.5	(0.5)	**2.5**	(1.0)	33.5	(0.6)	36.5	(0.6)	**-3.0**	(0.7)
	Serbia	58.0	(3.6)	60.2	(0.5)	-2.2	(3.6)	18.7	(2.4)	12.8	(0.4)	**5.9**	(2.4)	23.2	(2.8)	27.0	(0.3)	-3.8	(2.9)
	Slovenia	51.6	(3.3)	61.2	(0.4)	**-9.6**	(3.4)	19.3	(2.5)	11.8	(0.2)	**7.5**	(2.5)	29.1	(3.2)	27.0	(0.3)	2.1	(3.3)
	Chinese Taipei	63.2	(0.5)	67.5	(0.4)	**-4.4**	(0.7)	11.6	(0.5)	7.6	(0.3)	**4.1**	(0.5)	25.2	(0.3)	24.9	(0.3)	0.3	(0.4)
	Thailand	62.2	(0.7)	62.7	(0.4)	-0.5	(0.7)	10.3	(0.6)	6.0	(0.2)	**4.3**	(0.6)	27.5	(0.5)	31.3	(0.3)	**-3.8**	(0.6)
	Tunisia	38.6	(0.9)	52.1	(0.8)	**-13.5**	(1.2)	28.5	(0.6)	19.1	(0.6)	**9.5**	(0.8)	32.9	(0.6)	28.8	(0.7)	**4.0**	(0.9)
	Uruguay	55.6	(1.0)	63.3	(0.4)	**-7.8**	(1.1)	15.8	(0.9)	9.2	(0.3)	**6.6**	(0.9)	28.7	(0.6)	27.5	(0.4)	1.1	(0.7)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.10d [Part 1/3] Mean learning hours and allocation of total learning time in science, in mathematics and on language of instruction, by lower and upper secondary schools

		Mean learning hours per week											
		Regular school lessons						Out-of-school-time lessons					
		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	11.59	(0.08)	10.66	(0.13)	**0.93**	(0.15)	1.73	(0.04)	1.87	(0.07)	-0.14	(0.07)
	Austria	9.08	(0.30)	8.53	(0.10)	0.56	(0.31)	1.97	(0.29)	0.88	(0.04)	**1.09**	(0.29)
	Belgium	9.26	(0.46)	9.72	(0.10)	-0.46	(0.48)	2.53	(0.21)	1.27	(0.03)	**1.26**	(0.21)
	Canada	10.93	(0.17)	13.28	(0.13)	**-2.35**	(0.22)	2.63	(0.08)	2.30	(0.05)	**0.33**	(0.09)
	Czech Republic	11.24	(0.10)	10.09	(0.17)	**1.15**	(0.20)	1.98	(0.05)	1.80	(0.07)	**0.18**	(0.08)
	Denmark	13.16	(0.08)	12.82	(0.71)	0.34	(0.73)	3.83	(0.07)	3.72	(0.60)	0.11	(0.61)
	Finland	9.71	(0.11)	c	c	c	c	1.06	(0.04)	c	c	c	c
	France	9.24	(0.11)	11.66	(0.14)	**-2.41**	(0.18)	2.67	(0.07)	1.97	(0.06)	**0.70**	(0.09)
	Germany	10.70	(0.08)	7.45	(0.66)	**3.25**	(0.68)	1.93	(0.06)	1.62	(0.54)	0.31	(0.55)
	Greece	8.17	(0.45)	9.96	(0.12)	**-1.78**	(0.46)	3.93	(0.30)	6.00	(0.11)	**-2.08**	(0.31)
	Hungary	7.16	(0.32)	9.14	(0.11)	**-1.98**	(0.34)	4.30	(0.30)	3.54	(0.07)	**0.77**	(0.31)
	Iceland	12.24	(0.06)	c	c	c	c	1.47	(0.04)	c	c	c	c
	Ireland	10.06	(0.10)	9.26	(0.14)	**0.80**	(0.16)	1.95	(0.06)	1.18	(0.06)	**0.77**	(0.07)
	Italy	8.77	(0.49)	11.31	(0.09)	**-2.55**	(0.49)	3.14	(0.48)	2.23	(0.04)	0.91	(0.49)
	Japan	c	c	10.75	(0.13)	c	c	c	c	1.40	(0.05)	c	c
	Korea	11.20	(0.22)	12.79	(0.12)	**-1.59**	(0.25)	4.38	(0.56)	4.75	(0.08)	-0.37	(0.56)
	Luxembourg	9.33	(0.08)	10.38	(0.10)	**-1.04**	(0.12)	2.31	(0.06)	1.25	(0.05)	**1.07**	(0.08)
	Mexico	10.45	(0.19)	11.13	(0.10)	**-0.68**	(0.22)	3.76	(0.17)	2.91	(0.06)	**0.85**	(0.18)
	Netherlands	7.69	(0.09)	8.70	(0.11)	**-1.01**	(0.14)	2.12	(0.06)	1.25	(0.06)	**0.87**	(0.09)
	New Zealand	11.09	(0.28)	12.95	(0.09)	**-1.86**	(0.29)	2.30	(0.21)	1.71	(0.06)	**0.59**	(0.22)
	Norway	9.62	(0.08)	c	c	c	c	3.14	(0.05)	c	c	c	c
	Poland	11.71	(0.09)	13.42	(0.39)	**-1.71**	(0.39)	2.11	(0.05)	1.32	(0.19)	**0.79**	(0.19)
	Portugal	8.52	(0.10)	11.64	(0.12)	**-3.12**	(0.14)	2.28	(0.07)	1.71	(0.06)	**0.56**	(0.08)
	Slovak Republic	10.67	(0.21)	7.80	(0.14)	**2.87**	(0.26)	2.69	(0.08)	2.23	(0.09)	**0.46**	(0.11)
	Spain	10.15	(0.09)	11.45	(2.07)	-1.31	(2.07)	2.24	(0.05)	c	c	c	c
	Sweden	9.02	(0.07)	8.68	(0.59)	0.34	(0.58)	1.79	(0.04)	1.81	(0.17)	-0.02	(0.18)
	Switzerland	9.93	(0.07)	9.63	(0.36)	0.30	(0.36)	1.70	(0.05)	0.95	(0.09)	**0.75**	(0.10)
	Turkey	10.68	(0.54)	10.67	(0.17)	0.02	(0.56)	5.43	(0.60)	5.21	(0.09)	0.22	(0.61)
	United Kingdom	10.19	(0.66)	11.93	(0.09)	**-1.75**	(0.67)	2.06	(0.35)	1.70	(0.05)	0.36	(0.36)
	United States	8.41	(0.33)	11.28	(0.11)	**-2.88**	(0.33)	3.86	(0.23)	2.93	(0.07)	**0.93**	(0.25)
	OECD average	10.00	(0.05)	10.63	(0.09)	**-0.69**	(0.11)	2.66	(0.04)	2.29	(0.03)	**0.45**	(0.06)
Partners	Argentina	6.37	(0.14)	8.12	(0.20)	**-1.75**	(0.23)	2.14	(0.11)	1.47	(0.08)	**0.66**	(0.13)
	Azerbaijan	10.67	(0.13)	9.95	(0.17)	**0.72**	(0.19)	4.60	(0.13)	5.25	(0.13)	**-0.65**	(0.18)
	Brazil	7.55	(0.17)	8.89	(0.10)	**-1.34**	(0.21)	3.15	(0.09)	3.15	(0.09)	0.00	(0.12)
	Bulgaria	7.34	(0.61)	8.64	(0.17)	**-1.30**	(0.62)	3.13	(0.27)	3.21	(0.09)	-0.08	(0.29)
	Chile	5.78	(0.44)	9.41	(0.17)	**-3.64**	(0.46)	3.45	(0.41)	2.78	(0.05)	0.67	(0.40)
	Colombia	10.87	(0.19)	12.17	(0.25)	**-1.30**	(0.28)	3.34	(0.10)	3.29	(0.10)	0.05	(0.14)
	Croatia	c	c	8.44	(0.08)	c	c	c	c	1.57	(0.05)	c	c
	Estonia	10.92	(0.10)	12.48	(0.36)	**-1.56**	(0.38)	2.63	(0.07)	2.33	(0.32)	0.31	(0.33)
	Hong Kong-China	12.92	(0.20)	13.94	(0.12)	**-1.03**	(0.22)	2.68	(0.13)	3.32	(0.09)	**-0.64**	(0.15)
	Indonesia	10.82	(0.21)	11.15	(0.24)	-0.33	(0.30)	4.12	(0.11)	3.17	(0.18)	**0.95**	(0.23)
	Israel	9.41	(0.25)	9.60	(0.11)	-0.19	(0.26)	4.40	(0.19)	4.45	(0.09)	-0.04	(0.20)
	Jordan	10.36	(0.14)	a	a	a	a	5.10	(0.10)	a	a	a	a
	Kyrgyzstan	7.69	(0.14)	8.11	(0.31)	-0.42	(0.27)	4.57	(0.09)	4.68	(0.13)	-0.11	(0.14)
	Latvia	11.05	(0.11)	11.27	(0.36)	-0.22	(0.36)	2.74	(0.08)	2.04	(0.16)	**0.70**	(0.18)
	Liechtenstein	10.20	(0.20)	10.50	(0.49)	-0.30	(0.51)	1.47	(0.11)	0.59	(0.17)	**0.88**	(0.19)
	Lithuania	9.85	(0.10)	c	c	c	c	1.93	(0.05)	c	c	c	c
	Macao-China	13.86	(0.09)	15.47	(0.12)	**-1.61**	(0.15)	3.49	(0.09)	2.85	(0.12)	**0.64**	(0.16)
	Montenegro	c	c	8.90	(0.09)	c	c	c	c	2.69	(0.05)	c	c
	Qatar	7.39	(0.15)	9.05	(0.09)	**-1.66**	(0.17)	5.28	(0.13)	4.80	(0.07)	**0.49**	(0.14)
	Romania	8.58	(0.15)	a	a	a	a	4.04	(0.07)	a	a	a	a
	Russian Federation	9.25	(0.22)	9.51	(0.13)	-0.26	(0.22)	3.31	(0.11)	2.93	(0.09)	**0.38**	(0.14)
	Serbia	9.69	(0.93)	9.32	(0.11)	0.37	(0.92)	2.88	(0.35)	2.66	(0.06)	0.22	(0.35)
	Slovenia	7.13	(0.59)	9.48	(0.07)	**-2.35**	(0.60)	3.46	(0.53)	2.43	(0.04)	1.03	(0.53)
	Chinese Taipei	12.53	(0.19)	11.02	(0.19)	**1.51**	(0.26)	4.08	(0.12)	2.47	(0.07)	**1.61**	(0.15)
	Thailand	10.73	(0.13)	10.66	(0.09)	0.07	(0.14)	2.68	(0.14)	2.27	(0.08)	**0.41**	(0.16)
	Tunisia	7.68	(0.14)	10.53	(0.15)	**-2.84**	(0.20)	5.96	(0.08)	6.23	(0.10)	-0.26	(0.14)
	Uruguay	7.51	(0.18)	8.94	(0.10)	**-1.43**	(0.21)	2.37	(0.11)	1.94	(0.05)	**0.44**	(0.11)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.10d [Part 2/3] Mean learning hours and allocation of total learning time in science, in mathematics and on language of instruction, by lower and upper secondary schools

		Mean learning hours per week											
		Individual study						Total learning hours					
		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	4.54	(0.06)	5.19	(0.09)	**-0.65**	(0.11)	17.88	(0.13)	17.72	(0.22)	0.16	(0.24)
	Austria	6.74	(0.39)	4.83	(0.07)	**1.90**	(0.39)	17.95	(0.57)	14.27	(0.16)	**3.68**	(0.58)
	Belgium	4.39	(0.23)	4.39	(0.05)	0.01	(0.22)	16.41	(0.62)	15.39	(0.14)	1.02	(0.60)
	Canada	4.26	(0.12)	5.44	(0.08)	**-1.18**	(0.13)	17.99	(0.31)	21.08	(0.19)	**-3.09**	(0.36)
	Czech Republic	3.56	(0.08)	3.38	(0.07)	0.18	(0.10)	16.77	(0.15)	15.25	(0.24)	**1.52**	(0.27)
	Denmark	4.98	(0.06)	6.41	(0.86)	-1.44	(0.86)	21.93	(0.15)	22.96	(1.92)	-1.03	(1.94)
	Finland	3.40	(0.05)	c	c	c	c	14.16	(0.16)	c	c	c	c
	France	3.82	(0.07)	5.04	(0.10)	**-1.22**	(0.12)	15.74	(0.20)	18.69	(0.21)	**-2.94**	(0.29)
	Germany	5.90	(0.08)	4.88	(0.52)	1.02	(0.53)	18.57	(0.14)	14.06	(1.34)	**4.51**	(1.36)
	Greece	5.04	(0.29)	5.85	(0.09)	**-0.81**	(0.30)	17.13	(0.83)	21.84	(0.24)	**-4.70**	(0.85)
	Hungary	5.19	(0.33)	5.30	(0.08)	-0.11	(0.35)	16.48	(0.74)	18.00	(0.20)	-1.52	(0.77)
	Iceland	4.42	(0.05)	c	c	c	c	18.14	(0.09)	c	c	c	c
	Ireland	5.13	(0.09)	4.03	(0.11)	**1.11**	(0.13)	17.08	(0.19)	14.47	(0.24)	**2.61**	(0.28)
	Italy	5.83	(0.67)	7.56	(0.08)	**-1.73**	(0.69)	18.31	(1.39)	21.11	(0.17)	**-2.80**	(1.42)
	Japan	c	c	3.11	(0.10)	c	c	c	c	15.26	(0.22)	c	c
	Korea	4.40	(0.32)	4.94	(0.12)	-0.55	(0.34)	19.87	(0.57)	22.54	(0.25)	**-2.67**	(0.62)
	Luxembourg	4.46	(0.06)	4.08	(0.07)	**0.39**	(0.10)	16.14	(0.12)	15.69	(0.14)	**0.45**	(0.19)
	Mexico	6.52	(0.16)	6.34	(0.07)	0.18	(0.16)	20.54	(0.39)	20.31	(0.16)	0.24	(0.42)
	Netherlands	3.83	(0.07)	4.43	(0.09)	**-0.60**	(0.11)	13.59	(0.15)	14.40	(0.18)	**-0.81**	(0.23)
	New Zealand	4.22	(0.21)	4.44	(0.07)	-0.21	(0.22)	17.49	(0.46)	19.12	(0.14)	**-1.64**	(0.47)
	Norway	4.06	(0.06)	c	c	c	c	16.79	(0.12)	c	c	c	c
	Poland	6.33	(0.07)	7.30	(0.50)	-0.97	(0.50)	20.18	(0.14)	22.06	(0.92)	**-1.88**	(0.92)
	Portugal	5.47	(0.12)	6.20	(0.10)	**-0.73**	(0.15)	16.33	(0.20)	19.51	(0.21)	**-3.18**	(0.27)
	Slovak Republic	5.02	(0.12)	4.68	(0.12)	0.33	(0.17)	18.43	(0.31)	14.74	(0.28)	**3.69**	(0.43)
	Spain	5.58	(0.08)	c	c	c	c	18.08	(0.16)	c	c	c	c
	Sweden	3.58	(0.05)	3.78	(0.45)	-0.20	(0.45)	14.37	(0.12)	14.38	(1.04)	-0.01	(1.03)
	Switzerland	4.26	(0.04)	3.93	(0.11)	**0.32**	(0.11)	15.92	(0.11)	14.46	(0.45)	**1.45**	(0.47)
	Turkey	6.35	(0.40)	6.10	(0.09)	0.25	(0.42)	22.06	(1.15)	21.88	(0.30)	0.19	(1.21)
	United Kingdom	3.16	(0.67)	4.53	(0.06)	**-1.37**	(0.67)	15.62	(0.80)	18.17	(0.14)	**-2.56**	(0.81)
	United States	4.92	(0.22)	5.68	(0.07)	**-0.76**	(0.23)	17.50	(0.46)	19.97	(0.15)	**-2.47**	(0.46)
	OECD average	4.81	(0.05)	5.07	(0.05)	**-0.27**	(0.07)	17.50	(0.09)	17.97	(0.11)	**-0.47**	(0.16)
Partners	Argentina	4.75	(0.19)	5.15	(0.12)	-0.41	(0.22)	13.30	(0.34)	14.71	(0.27)	**-1.41**	(0.41)
	Azerbaijan	8.68	(0.17)	8.75	(0.19)	-0.07	(0.23)	24.13	(0.35)	24.06	(0.37)	0.07	(0.48)
	Brazil	5.15	(0.12)	5.23	(0.09)	-0.08	(0.16)	15.74	(0.29)	17.24	(0.20)	**-1.49**	(0.37)
	Bulgaria	5.10	(0.46)	6.22	(0.16)	**-1.12**	(0.46)	15.17	(1.01)	18.16	(0.34)	**-2.99**	(1.03)
	Chile	4.31	(0.45)	4.70	(0.08)	-0.39	(0.45)	13.68	(1.36)	16.98	(0.22)	**-3.30**	(1.33)
	Colombia	5.38	(0.11)	5.71	(0.12)	**-0.32**	(0.15)	19.61	(0.23)	21.13	(0.36)	**-1.52**	(0.38)
	Croatia	c	c	4.85	(0.07)	c	c	c	c	14.93	(0.15)	c	c
	Estonia	5.10	(0.06)	5.82	(0.41)	-0.72	(0.40)	18.67	(0.14)	20.69	(0.75)	**-2.01**	(0.75)
	Hong Kong-China	5.02	(0.16)	5.51	(0.09)	**-0.49**	(0.18)	20.61	(0.38)	22.76	(0.21)	**-2.15**	(0.42)
	Indonesia	5.81	(0.12)	5.33	(0.15)	**0.48**	(0.22)	20.69	(0.34)	19.60	(0.41)	**1.09**	(0.55)
	Israel	5.19	(0.20)	5.36	(0.12)	-0.16	(0.23)	19.08	(0.52)	19.49	(0.26)	-0.41	(0.55)
	Jordan	7.90	(0.11)	a	a	a	a	23.35	(0.22)	a	a	a	a
	Kyrgyzstan	6.53	(0.10)	7.20	(0.19)	**-0.67**	(0.20)	19.01	(0.24)	19.93	(0.48)	**-0.93**	(0.46)
	Latvia	6.28	(0.08)	5.40	(0.33)	**0.87**	(0.34)	20.08	(0.19)	18.60	(0.65)	**1.48**	(0.67)
	Liechtenstein	3.92	(0.16)	3.98	(0.50)	-0.06	(0.55)	15.57	(0.28)	15.07	(0.71)	0.50	(0.84)
	Lithuania	5.27	(0.07)	c	c	c	c	17.04	(0.14)	c	c	c	c
	Macao-China	4.49	(0.08)	5.67	(0.11)	**-1.18**	(0.13)	21.84	(0.18)	23.98	(0.26)	**-2.14**	(0.32)
	Montenegro	c	c	6.21	(0.08)	c	c	c	c	17.75	(0.16)	c	c
	Qatar	6.26	(0.12)	6.28	(0.06)	-0.02	(0.14)	18.92	(0.30)	20.16	(0.17)	**-1.24**	(0.32)
	Romania	5.96	(0.10)	a	a	a	a	18.57	(0.26)	a	a	a	a
	Russian Federation	6.67	(0.20)	6.64	(0.12)	0.04	(0.20)	19.23	(0.40)	19.08	(0.26)	0.15	(0.45)
	Serbia	4.71	(0.60)	5.23	(0.08)	-0.52	(0.61)	17.53	(1.66)	17.18	(0.18)	0.35	(1.65)
	Slovenia	4.59	(0.27)	4.95	(0.05)	-0.36	(0.28)	15.03	(1.17)	16.91	(0.12)	-1.87	(1.18)
	Chinese Taipei	5.18	(0.13)	4.73	(0.11)	**0.45**	(0.17)	21.99	(0.37)	18.33	(0.34)	**3.65**	(0.49)
	Thailand	5.58	(0.17)	5.19	(0.08)	**0.39**	(0.19)	18.93	(0.29)	18.11	(0.19)	**0.82**	(0.34)
	Tunisia	7.02	(0.12)	7.53	(0.12)	**-0.51**	(0.17)	20.69	(0.25)	24.29	(0.31)	**-3.61**	(0.40)
	Uruguay	3.85	(0.10)	4.42	(0.07)	**-0.57**	(0.12)	13.86	(0.24)	15.28	(0.18)	**-1.42**	(0.28)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.10d [Part 3/3] Mean learning hours and allocation of total learning time in science, in mathematics and on language of instruction, by lower and upper secondary schools

		Allocation of total learning time in science, in mathematics and on the language of instruction for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)	
		%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.
OECD	Australia	67.4	(0.3)	63.3	(0.4)	**4.1**	(0.5)	8.4	(0.2)	9.6	(0.3)	**-1.1**	(0.4)	24.2	(0.2)	27.1	(0.3)	**-3.0**	(0.4)
	Austria	53.6	(2.1)	62.4	(0.4)	**-8.9**	(2.2)	10.1	(1.3)	5.1	(0.2)	**5.1**	(1.3)	36.3	(1.6)	32.5	(0.3)	**3.8**	(1.6)
	Belgium	59.0	(1.8)	64.5	(0.3)	**-5.5**	(1.8)	14.6	(1.3)	7.5	(0.2)	**7.1**	(1.4)	26.4	(0.8)	28.0	(0.2)	-1.6	(0.8)
	Canada	62.3	(0.6)	64.3	(0.3)	**-2.0**	(0.6)	13.7	(0.4)	10.5	(0.2)	**3.2**	(0.4)	24.0	(0.4)	25.2	(0.2)	**-1.2**	(0.4)
	Czech Republic	69.5	(0.5)	69.6	(0.6)	-0.1	(0.8)	10.4	(0.3)	10.0	(0.3)	0.4	(0.4)	20.1	(0.4)	20.4	(0.5)	-0.3	(0.6)
	Denmark	62.3	(0.3)	57.7	(2.4)	4.7	(2.4)	15.9	(0.2)	15.5	(2.0)	0.5	(2.0)	21.7	(0.2)	26.8	(2.0)	**-5.1**	(2.0)
	Finland	70.5	(0.3)	c	c	c	c	6.4	(0.2)	c	c	c	c	23.1	(0.2)	c	c	c	c
	France	61.5	(0.5)	64.6	(0.4)	**-3.1**	(0.6)	15.6	(0.3)	9.8	(0.3)	**5.8**	(0.5)	22.9	(0.3)	25.6	(0.3)	-2.6	(0.4)
	Germany	59.6	(0.3)	56.2	(1.9)	3.4	(2.0)	9.3	(0.3)	10.5	(2.5)	-1.2	(2.5)	31.1	(0.2)	33.4	(1.2)	-2.2	(1.3)
	Greece	51.1	(1.9)	47.8	(0.5)	3.3	(2.0)	20.7	(1.3)	26.1	(0.3)	**-5.4**	(1.3)	28.2	(1.1)	26.1	(0.3)	2.1	(1.2)
	Hungary	44.3	(2.2)	53.0	(0.4)	**-8.7**	(2.3)	25.1	(1.5)	18.3	(0.3)	**6.8**	(1.5)	30.6	(1.1)	28.8	(0.2)	1.9	(1.1)
	Iceland	69.7	(0.3)	c	c	c	c	7.2	(0.2)	c	c	c	c	23.0	(0.2)	c	c	c	c
	Ireland	61.0	(0.4)	67.4	(0.6)	**-6.4**	(0.6)	9.9	(0.3)	6.7	(0.3)	**3.2**	(0.3)	29.1	(0.3)	25.9	(0.5)	**3.2**	(0.5)
	Italy	51.9	(2.3)	55.0	(0.2)	-3.1	(2.3)	17.2	(1.6)	9.8	(0.2)	**7.4**	(1.6)	30.9	(2.0)	35.2	(0.2)	**-4.3**	(2.0)
	Japan	c	c	74.5	(0.5)	c	c	c	c	7.5	(0.3)	c	c	c	c	18.0	(0.4)	c	c
	Korea	61.0	(2.4)	61.4	(0.4)	-0.4	(2.5)	18.5	(2.3)	18.4	(0.3)	0.1	(2.4)	20.5	(0.8)	20.3	(0.3)	0.3	(0.9)
	Luxembourg	60.8	(0.4)	67.5	(0.4)	**-6.8**	(0.6)	12.7	(0.3)	7.3	(0.3)	**5.4**	(0.4)	26.6	(0.3)	25.2	(0.3)	**1.4**	(0.5)
	Mexico	50.5	(0.6)	56.1	(0.4)	**-5.6**	(0.7)	16.9	(0.6)	13.1	(0.2)	**3.9**	(0.6)	32.5	(0.5)	30.8	(0.2)	**1.7**	(0.6)
	Netherlands	58.9	(0.5)	62.8	(0.5)	**-3.9**	(0.8)	14.0	(0.4)	7.8	(0.3)	**6.1**	(0.5)	27.2	(0.3)	29.4	(0.5)	**-2.2**	(0.6)
	New Zealand	65.0	(1.3)	70.0	(0.4)	**-5.0**	(1.3)	11.6	(0.8)	8.0	(0.3)	**3.6**	(0.9)	23.4	(0.9)	22.0	(0.2)	1.4	(0.9)
	Norway	60.4	(0.4)	c	c	c	c	17.0	(0.3)	c	c	c	c	22.6	(0.3)	c	c	c	c
	Poland	59.9	(0.3)	63.2	(1.8)	-3.3	(1.8)	10.1	(0.3)	5.1	(0.7)	**5.0**	(0.7)	30.0	(0.3)	31.8	(1.5)	-1.7	(1.5)
	Portugal	54.7	(0.5)	61.7	(0.3)	**-7.0**	(0.6)	13.1	(0.4)	7.4	(0.3)	**5.7**	(0.5)	32.2	(0.5)	30.8	(0.3)	**1.3**	(0.5)
	Slovak Republic	61.6	(0.6)	57.4	(0.6)	**4.2**	(0.8)	13.1	(0.3)	12.5	(0.4)	0.6	(0.5)	25.3	(0.4)	30.1	(0.4)	**-4.8**	(0.6)
	Spain	59.0	(0.3)	c	c	c	c	11.2	(0.2)	c	c	c	c	29.7	(0.3)	c	c	c	c
	Sweden	66.2	(0.5)	63.0	(1.6)	**3.2**	(1.6)	10.3	(0.2)	11.7	(1.3)	-1.4	(1.3)	23.5	(0.4)	25.3	(1.2)	-1.8	(1.3)
	Switzerland	63.8	(0.3)	66.3	(0.8)	**-2.5**	(0.9)	9.6	(0.2)	5.9	(0.6)	**3.7**	(0.6)	26.6	(0.2)	27.8	(0.6)	**-1.2**	(0.6)
	Turkey	50.3	(1.9)	51.5	(0.4)	-1.2	(1.9)	22.1	(1.6)	21.6	(0.3)	0.5	(1.6)	27.6	(2.5)	26.9	(0.2)	0.7	(2.5)
	United Kingdom	68.3	(4.5)	67.8	(0.3)	0.5	(4.5)	12.1	(2.3)	8.2	(0.2)	3.9	(2.4)	19.6	(3.2)	24.0	(0.2)	**-4.4**	(3.2)
	United States	48.0	(1.8)	56.6	(0.4)	**-8.6**	(1.9)	22.3	(1.1)	14.4	(0.3)	**7.9**	(1.1)	29.7	(0.9)	29.1	(0.2)	0.7	(0.9)
	OECD average	59.7	(0.3)	61.7	(0.2)	**-2.3**	(0.4)	13.8	(0.2)	11.1	(0.1)	**3.1**	(0.3)	26.5	(0.2)	27.2	(0.1)	**-0.7**	(0.3)
Partners	Argentina	49.7	(0.9)	56.3	(0.7)	**-6.5**	(1.1)	14.2	(0.7)	9.2	(0.4)	**5.0**	(0.8)	36.1	(0.8)	34.6	(0.4)	1.5	(0.9)
	Azerbaijan	45.6	(0.6)	42.8	(0.6)	**2.8**	(0.7)	18.6	(0.5)	21.3	(0.5)	**-2.7**	(0.6)	35.8	(0.4)	35.9	(0.5)	-0.1	(0.6)
	Brazil	50.6	(0.7)	54.0	(0.5)	**-3.4**	(0.9)	18.5	(0.4)	16.5	(0.4)	**2.0**	(0.6)	30.9	(0.5)	29.4	(0.4)	**1.4**	(0.7)
	Bulgaria	50.1	(2.9)	50.0	(0.5)	0.0	(2.9)	18.9	(1.3)	16.7	(0.4)	2.2	(1.4)	31.1	(2.3)	33.3	(0.3)	-2.2	(2.3)
	Chile	43.6	(1.3)	55.0	(0.5)	**-11.4**	(1.5)	24.4	(1.5)	16.0	(0.3)	**8.4**	(1.6)	32.0	(1.7)	29.0	(0.3)	3.0	(1.7)
	Colombia	57.4	(0.7)	60.8	(0.6)	**-3.4**	(0.8)	15.9	(0.5)	13.6	(0.3)	**2.3**	(0.6)	26.6	(0.5)	25.6	(0.4)	**1.0**	(0.5)
	Croatia	c	c	60.0	(0.4)	c	c	c	c	9.5	(0.2)	c	c	c	c	30.5	(0.3)	c	c
	Estonia	60.8	(0.4)	63.3	(1.7)	-2.5	(1.8)	13.3	(0.3)	10.1	(1.2)	**3.2**	(1.3)	25.9	(0.2)	26.6	(1.4)	-0.7	(1.4)
	Hong Kong-China	65.0	(0.8)	63.7	(0.4)	1.3	(0.9)	11.9	(0.4)	13.5	(0.3)	**-1.6**	(0.4)	23.1	(0.5)	22.8	(0.3)	0.3	(0.6)
	Indonesia	53.1	(0.6)	59.1	(1.0)	**-5.9**	(1.2)	18.9	(0.4)	14.1	(0.6)	**4.8**	(0.7)	28.0	(0.5)	26.9	(0.6)	1.2	(0.8)
	Israel	51.6	(1.1)	52.4	(0.5)	-0.8	(1.2)	22.2	(0.7)	21.6	(0.3)	0.7	(0.7)	26.2	(0.7)	26.1	(0.4)	0.1	(0.8)
	Jordan	43.6	(0.5)	a	a	a	a	21.9	(0.4)	a	a	a	a	34.5	(0.3)	a	a	a	a
	Kyrgyzstan	39.9	(0.5)	40.4	(0.8)	-0.5	(0.9)	25.7	(0.5)	23.8	(0.7)	**1.9**	(0.8)	34.4	(0.4)	35.9	(0.5)	**-1.5**	(0.7)
	Latvia	57.2	(0.3)	62.6	(1.1)	**-5.4**	(1.3)	12.8	(0.3)	10.5	(0.9)	**2.3**	(0.9)	30.1	(0.3)	26.9	(1.3)	**3.1**	(1.4)
	Liechtenstein	65.5	(1.1)	71.7	(2.8)	**-6.2**	(2.7)	9.0	(0.7)	3.4	(1.2)	**5.6**	(1.2)	25.4	(0.9)	24.9	(2.2)	0.5	(2.2)
	Lithuania	59.5	(0.3)	75.0	(0.0)	**-15.5**	(0.3)	11.1	(0.3)	c	c	c	c	29.4	(0.2)	c	c	c	c
	Macao-China	66.3	(0.4)	67.2	(0.4)	-0.9	(0.6)	14.3	(0.3)	10.5	(0.3)	**3.8**	(0.4)	19.4	(0.3)	22.3	(0.3)	**-2.9**	(0.4)
	Montenegro	c	c	50.8	(0.3)	c	c	c	c	14.5	(0.3)	c	c	c	c	34.7	(0.3)	c	c
	Qatar	38.9	(0.5)	44.4	(0.3)	**-5.5**	(0.6)	27.6	(0.5)	23.8	(0.2)	**3.8**	(0.5)	33.5	(0.4)	31.8	(0.2)	**1.7**	(0.5)
	Romania	48.7	(0.4)	a	a	a	a	20.5	(0.3)	a	a	a	a	30.9	(0.2)	a	a	a	a
	Russian Federation	48.9	(0.8)	52.0	(0.4)	**-3.1**	(0.7)	17.6	(0.8)	14.6	(0.4)	**3.0**	(0.8)	33.5	(0.6)	33.5	(0.4)	0.0	(0.5)
	Serbia	60.1	(3.4)	57.7	(0.4)	2.5	(3.5)	16.9	(1.5)	13.8	(0.3)	**3.1**	(1.6)	22.9	(2.4)	28.5	(0.3)	**-5.6**	(2.4)
	Slovenia	49.9	(2.3)	57.2	(0.3)	**-7.3**	(2.3)	21.0	(1.9)	13.6	(0.2)	**7.3**	(1.9)	29.1	(2.7)	29.1	(0.2)	-0.0	(2.7)
	Chinese Taipei	58.5	(0.5)	62.8	(0.4)	**-4.3**	(0.7)	17.6	(0.4)	12.2	(0.3)	**5.3**	(0.5)	23.9	(0.3)	24.9	(0.3)	**-1.0**	(0.4)
	Thailand	61.1	(0.7)	62.8	(0.3)	**-1.7**	(0.8)	11.7	(0.6)	9.6	(0.3)	**2.0**	(0.6)	27.3	(0.6)	27.6	(0.3)	-0.3	(0.6)
	Tunisia	38.1	(0.5)	44.3	(0.3)	**-6.2**	(0.6)	28.1	(0.3)	25.0	(0.3)	**3.1**	(0.4)	33.9	(0.4)	30.7	(0.3)	**3.2**	(0.5)
	Uruguay	54.9	(0.8)	61.2	(0.4)	**-6.3**	(0.9)	16.1	(0.6)	11.0	(0.3)	**5.1**	(0.7)	29.0	(0.5)	27.8	(0.3)	**1.2**	(0.5)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.11a [Part 1/3] Mean learning hours and allocation of total learning time in science, by public and private schools

		Mean learning hours per week											
		Regular school lessons						Out-of-school-time lessons					
		Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	w	w	w	w	w	w	w	w	w	w	w	w
	Austria	2.45	(0.07)	2.67	(0.21)	-0.22	(0.22)	0.21	(0.02)	0.21	(0.05)	0.00	(0.05)
	Belgium	w	w	w	w	w	w	w	w	w	w	w	w
	Canada	4.03	(0.04)	3.97	(0.12)	0.05	(0.13)	0.56	(0.01)	0.54	(0.04)	0.02	(0.04)
	Czech Republic	3.00	(0.07)	2.06	(0.34)	**0.94**	(0.36)	0.54	(0.02)	0.46	(0.12)	0.08	(0.12)
	Denmark	3.20	(0.05)	3.26	(0.12)	-0.06	(0.13)	0.79	(0.02)	0.71	(0.05)	0.08	(0.06)
	Finland	3.11	(0.04)	3.53	(0.21)	-0.42	(0.22)	0.32	(0.01)	0.50	(0.12)	-0.18	(0.12)
	France	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	3.05	(0.05)	3.36	(0.33)	-0.31	(0.34)	0.51	(0.02)	0.48	(0.07)	0.03	(0.07)
	Greece	3.10	(0.05)	4.55	(0.23)	**-1.45**	(0.24)	2.01	(0.05)	1.66	(0.08)	**0.35**	(0.09)
	Hungary	2.44	(0.06)	2.81	(0.20)	-0.37	(0.22)	1.00	(0.03)	1.00	(0.10)	-0.00	(0.10)
	Iceland	2.97	(0.02)	3.20	(0.25)	-0.23	(0.25)	0.29	(0.01)	0.28	(0.13)	0.01	(0.13)
	Ireland	2.52	(0.07)	2.57	(0.05)	-0.04	(0.09)	0.35	(0.02)	0.30	(0.02)	**0.05**	(0.03)
	Italy	2.94	(0.06)	2.45	(0.18)	**0.49**	(0.20)	0.58	(0.01)	0.58	(0.06)	0.00	(0.07)
	Japan	2.59	(0.05)	2.93	(0.12)	**-0.34**	(0.13)	0.26	(0.01)	0.26	(0.02)	-0.00	(0.02)
	Korea	3.72	(0.10)	3.42	(0.09)	**0.30**	(0.15)	1.13	(0.08)	0.90	(0.06)	**0.23**	(0.11)
	Luxembourg	2.31	(0.03)	2.45	(0.07)	**-0.14**	(0.07)	0.50	(0.02)	0.53	(0.04)	-0.03	(0.04)
	Mexico	3.08	(0.04)	3.57	(0.12)	**-0.50**	(0.13)	1.05	(0.03)	0.76	(0.06)	**0.30**	(0.06)
	Netherlands	2.17	(0.11)	2.17	(0.06)	-0.00	(0.14)	0.54	(0.03)	0.53	(0.02)	0.01	(0.04)
	New Zealand	4.02	(0.04)	4.55	(0.20)	**-0.53**	(0.20)	0.40	(0.02)	0.49	(0.08)	-0.09	(0.08)
	Norway	2.62	(0.03)	3.00	(0.10)	**-0.38**	(0.11)	0.94	(0.02)	0.71	(0.10)	**0.23**	(0.10)
	Poland	2.70	(0.04)	3.44	(0.13)	**-0.73**	(0.14)	0.62	(0.02)	0.64	(0.08)	-0.01	(0.09)
	Portugal	3.19	(0.05)	3.37	(0.13)	-0.18	(0.13)	0.63	(0.02)	0.67	(0.08)	-0.04	(0.08)
	Slovak Republic	2.43	(0.08)	2.77	(0.24)	-0.34	(0.27)	0.66	(0.03)	0.55	(0.08)	0.10	(0.09)
	Spain	2.84	(0.05)	3.62	(0.07)	**-0.78**	(0.08)	0.66	(0.03)	0.72	(0.05)	-0.06	(0.06)
	Sweden	2.83	(0.03)	2.57	(0.16)	0.26	(0.15)	0.51	(0.01)	0.45	(0.05)	0.06	(0.05)
	Switzerland	2.38	(0.05)	2.42	(0.19)	-0.04	(0.21)	0.39	(0.01)	0.45	(0.06)	-0.06	(0.06)
	Turkey	2.87	(0.09)	2.67	(0.44)	0.20	(0.45)	1.35	(0.05)	1.28	(0.22)	0.08	(0.23)
	United Kingdom	4.23	(0.04)	4.81	(0.26)	**-0.58**	(0.26)	0.50	(0.02)	0.26	(0.04)	**0.23**	(0.05)
	United States	3.46	(0.05)	4.13	(0.12)	**-0.67**	(0.13)	0.79	(0.02)	0.66	(0.06)	**0.14**	(0.06)
	OECD average	2.95	(0.01)	3.18	(0.04)	**-0.23**	(0.04)	0.66	(0.01)	0.60	(0.02)	**0.06**	(0.02)
Partners	Argentina	2.04	(0.06)	2.65	(0.08)	**-0.61**	(0.10)	0.52	(0.03)	0.42	(0.03)	**0.10**	(0.04)
	Azerbaijan	2.83	(0.06)	3.47	(0.05)	**-0.64**	(0.08)	1.36	(0.03)	1.63	(0.02)	**-0.27**	(0.04)
	Brazil	2.03	(0.03)	3.31	(0.12)	**-1.28**	(0.13)	0.76	(0.03)	0.95	(0.08)	**-0.19**	(0.08)
	Bulgaria	m	m	m	m	m	m	m	m	m	m	m	m
	Chile	2.02	(0.08)	2.57	(0.06)	**-0.55**	(0.10)	0.86	(0.03)	0.80	(0.02)	0.05	(0.04)
	Colombia	3.44	(0.14)	3.80	(0.15)	-0.36	(0.21)	0.99	(0.04)	0.80	(0.05)	**0.19**	(0.06)
	Croatia	2.01	(0.04)	2.61	(0.00)	**-0.60**	(0.04)	0.43	(0.02)	0.56	(0.00)	**-0.13**	(0.02)
	Estonia	3.27	(0.04)	3.41	(0.28)	-0.14	(0.28)	0.77	(0.02)	0.37	(0.11)	**0.40**	(0.11)
	Hong Kong-China	3.10	(0.20)	3.15	(0.06)	-0.05	(0.21)	0.89	(0.10)	0.88	(0.03)	0.02	(0.10)
	Indonesia	3.54	(0.09)	2.77	(0.10)	**0.77**	(0.14)	1.11	(0.06)	0.95	(0.05)	**0.16**	(0.07)
	Israel	2.50	(0.05)	2.32	(0.14)	0.18	(0.15)	1.07	(0.03)	0.78	(0.06)	**0.29**	(0.08)
	Jordan	3.15	(0.06)	3.55	(0.11)	**-0.40**	(0.12)	1.52	(0.04)	1.56	(0.08)	-0.04	(0.09)
	Kyrgyzstan	2.06	(0.06)	2.83	(0.36)	**-0.77**	(0.37)	1.36	(0.03)	1.07	(0.35)	0.29	(0.36)
	Latvia	2.86	(0.06)	a	a	a	a	0.65	(0.02)	a	a	a	a
	Liechtenstein	2.65	(0.09)	c	c	c	c	0.54	(0.06)	c	c	c	c
	Lithuania	2.68	(0.04)	c	c	c	c	0.57	(0.02)	c	c	c	c
	Macao-China	2.85	(0.11)	3.78	(0.03)	**-0.93**	(0.11)	0.79	(0.08)	1.00	(0.03)	**-0.21**	(0.09)
	Montenegro	2.85	(0.04)	a	a	a	a	1.05	(0.02)	a	a	a	a
	Qatar	2.53	(0.04)	3.44	(0.08)	**-0.91**	(0.09)	1.48	(0.03)	1.46	(0.06)	0.02	(0.06)
	Romania	2.26	(0.07)	a	a	a	a	1.03	(0.02)	a	a	a	a
	Russian Federation	3.73	(0.08)	a	a	a	a	1.12	(0.03)	a	a	a	a
	Serbia	2.86	(0.06)	c	c	c	c	0.79	(0.02)	c	c	c	c
	Slovenia	2.79	(0.03)	4.31	(0.19)	**-1.53**	(0.19)	0.72	(0.02)	0.59	(0.10)	0.12	(0.10)
	Chinese Taipei	3.13	(0.07)	2.46	(0.14)	**0.67**	(0.17)	0.92	(0.03)	0.52	(0.04)	**0.39**	(0.06)
	Thailand	3.94	(0.04)	3.18	(0.10)	**0.76**	(0.11)	0.94	(0.03)	0.74	(0.11)	0.20	(0.12)
	Tunisia	2.64	(0.05)	1.82	(0.29)	**0.82**	(0.30)	1.94	(0.03)	1.62	(0.27)	0.32	(0.27)
	Uruguay	2.22	(0.05)	3.36	(0.11)	**-1.14**	(0.12)	0.61	(0.02)	0.61	(0.04)	-0.00	(0.05)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.11a [Part 2/3] Mean learning hours and allocation of total learning time in science, by public and private schools

		Mean learning hours per week											
		Individual study						Total learning hours					
		Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	w	w	w	w	w	w	w	w	w	w	w	w
	Austria	1.26	(0.04)	1.46	(0.11)	-0.21	(0.11)	3.92	(0.10)	4.36	(0.27)	-0.44	(0.29)
	Belgium	w	w	w	w	w	w	w	w	w	w	w	w
	Canada	1.56	(0.03)	1.67	(0.08)	-0.11	(0.08)	6.17	(0.06)	6.16	(0.19)	0.01	(0.20)
	Czech Republic	1.03	(0.03)	0.66	(0.17)	**0.37**	(0.18)	4.56	(0.11)	3.18	(0.59)	**1.39**	(0.64)
	Denmark	1.07	(0.03)	1.10	(0.06)	-0.03	(0.07)	5.04	(0.08)	5.05	(0.20)	-0.01	(0.22)
	Finland	1.07	(0.02)	1.29	(0.17)	-0.22	(0.16)	4.49	(0.06)	5.38	(0.22)	**-0.88**	(0.22)
	France	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	1.70	(0.03)	1.71	(0.12)	-0.01	(0.12)	5.27	(0.07)	5.55	(0.43)	-0.29	(0.44)
	Greece	1.83	(0.04)	2.11	(0.11)	**-0.28**	(0.12)	6.94	(0.11)	8.35	(0.27)	**-1.41**	(0.30)
	Hungary	1.57	(0.04)	1.71	(0.11)	-0.15	(0.12)	5.01	(0.10)	5.51	(0.35)	-0.50	(0.38)
	Iceland	1.17	(0.02)	1.36	(0.21)	-0.19	(0.21)	4.43	(0.04)	4.84	(0.35)	-0.41	(0.35)
	Ireland	1.16	(0.04)	1.24	(0.03)	-0.07	(0.05)	4.03	(0.12)	4.09	(0.08)	-0.07	(0.14)
	Italy	2.12	(0.04)	1.65	(0.12)	**0.47**	(0.14)	5.63	(0.11)	4.71	(0.30)	**0.92**	(0.34)
	Japan	0.68	(0.02)	0.72	(0.04)	-0.04	(0.04)	3.53	(0.07)	3.92	(0.15)	**-0.39**	(0.16)
	Korea	1.27	(0.10)	1.16	(0.04)	0.12	(0.12)	6.14	(0.26)	5.49	(0.16)	0.65	(0.35)
	Luxembourg	1.23	(0.02)	1.35	(0.06)	**-0.12**	(0.06)	4.05	(0.05)	4.30	(0.11)	**-0.25**	(0.13)
	Mexico	2.15	(0.03)	2.00	(0.07)	**0.15**	(0.07)	6.23	(0.08)	6.31	(0.14)	-0.08	(0.16)
	Netherlands	1.25	(0.05)	1.20	(0.03)	0.05	(0.06)	77.43	(0.13)	3.88	(0.09)	0.06	(0.18)
	New Zealand	1.24	(0.03)	1.86	(0.09)	**-0.62**	(0.09)	5.67	(0.07)	6.90	(0.23)	**-1.23**	(0.24)
	Norway	1.23	(0.02)	1.22	(0.25)	0.00	(0.25)	4.79	(0.05)	4.94	(0.39)	-0.15	(0.40)
	Poland	2.01	(0.03)	2.38	(0.12)	**-0.36**	(0.13)	5.34	(0.07)	6.44	(0.27)	**-1.10**	(0.28)
	Portugal	2.09	(0.04)	2.09	(0.15)	-0.00	(0.15)	5.91	(0.08)	6.12	(0.27)	-0.22	(0.28)
	Slovak Republic	1.39	(0.04)	1.41	(0.13)	-0.02	(0.13)	4.49	(0.14)	4.76	(0.42)	-0.28	(0.45)
	Spain	1.64	(0.03)	1.90	(0.05)	**-0.26**	(0.06)	5.16	(0.08)	6.27	(0.13)	**-1.12**	(0.15)
	Sweden	1.14	(0.02)	1.26	(0.10)	-0.12	(0.10)	4.47	(0.04)	4.27	(0.23)	0.20	(0.23)
	Switzerland	1.12	(0.02)	1.20	(0.11)	-0.08	(0.12)	3.89	(0.06)	4.05	(0.32)	-0.16	(0.34)
	Turkey	1.64	(0.05)	1.62	(0.17)	0.02	(0.18)	5.82	(0.19)	5.43	(0.66)	0.38	(0.69)
	United Kingdom	1.41	(0.03)	1.95	(0.09)	**-0.54**	(0.10)	6.14	(0.05)	7.01	(0.36)	**-0.87**	(0.36)
	United States	1.65	(0.03)	2.10	(0.15)	**-0.46**	(0.16)	5.94	(0.07)	6.88	(0.22)	**-0.94**	(0.24)
	OECD average	1.42	(0.01)	1.52	(0.02)	**-0.10**	(0.02)	7.66	(0.02)	5.30	(0.06)	**-0.27**	(0.06)
Partners	Argentina	1.52	(0.05)	1.71	(0.07)	**-0.19**	(0.08)	4.07	(0.11)	4.76	(0.12)	**-0.69**	(0.16)
	Azerbaijan	2.64	(0.05)	2.60	(0.10)	0.04	(0.10)	6.82	(0.11)	7.68	(0.14)	**-0.86**	(0.16)
	Brazil	1.66	(0.03)	1.91	(0.05)	**-0.25**	(0.06)	4.45	(0.06)	6.16	(0.20)	**-1.71**	(0.20)
	Bulgaria	m	m	m	m	m	m	m	m	m	m	m	m
	Chile	1.48	(0.04)	1.55	(0.04)	-0.07	(0.06)	4.38	(0.11)	4.94	(0.10)	**-0.56**	(0.15)
	Colombia	1.85	(0.04)	1.75	(0.07)	0.10	(0.08)	6.27	(0.21)	6.35	(0.21)	-0.08	(0.30)
	Croatia	1.46	(0.04)	1.54	(0.00)	-0.08	(0.04)	3.92	(0.09)	4.70	(0.01)	**-0.79**	(0.09)
	Estonia	1.55	(0.03)	1.22	(0.08)	**0.33**	(0.08)	5.58	(0.06)	4.97	(0.36)	0.62	(0.36)
	Hong Kong-China	1.42	(0.14)	1.44	(0.03)	-0.03	(0.14)	5.41	(0.39)	5.46	(0.10)	-0.05	(0.41)
	Indonesia	1.88	(0.06)	1.63	(0.05)	**0.25**	(0.08)	6.52	(0.15)	5.33	(0.16)	**1.19**	(0.23)
	Israel	1.46	(0.05)	1.14	(0.10)	**0.33**	(0.12)	5.02	(0.10)	4.24	(0.25)	**0.78**	(0.28)
	Jordan	2.62	(0.05)	2.72	(0.10)	-0.10	(0.11)	7.31	(0.10)	7.73	(0.18)	**-0.42**	(0.21)
	Kyrgyzstan	2.13	(0.04)	2.18	(0.35)	-0.05	(0.35)	5.59	(0.09)	6.12	(0.89)	-0.53	(0.90)
	Latvia	1.80	(0.03)	a	a	a	a	5.30	(0.09)	a	a	a	a
	Liechtenstein	1.18	(0.06)	c	c	c	c	4.37	(0.11)	c	c	c	c
	Lithuania	1.68	(0.03)	c	c	c	c	4.93	(0.06)	c	c	c	c
	Macao-China	0.86	(0.08)	1.39	(0.03)	**-0.54**	(0.09)	4.51	(0.19)	6.17	(0.06)	**-1.66**	(0.20)
	Montenegro	2.21	(0.03)	a	a	a	a	6.11	(0.07)	a	a	a	a
	Qatar	2.00	(0.03)	2.32	(0.07)	**-0.32**	(0.08)	6.02	(0.07)	7.28	(0.15)	**-1.26**	(0.16)
	Romania	1.61	(0.05)	a	a	a	a	4.88	(0.11)	a	a	a	a
	Russian Federation	2.87	(0.06)	a	a	a	a	7.72	(0.13)	a	a	a	a
	Serbia	1.71	(0.04)	c	c	c	c	5.36	(0.10)	c	c	c	c
	Slovenia	1.53	(0.02)	1.76	(0.12)	-0.23	(0.12)	5.04	(0.05)	6.69	(0.27)	**-1.65**	(0.28)
	Chinese Taipei	1.36	(0.04)	1.02	(0.06)	**0.33**	(0.08)	5.43	(0.12)	4.02	(0.23)	**1.41**	(0.29)
	Thailand	1.89	(0.04)	1.36	(0.07)	**0.53**	(0.08)	6.77	(0.07)	5.27	(0.22)	**1.49**	(0.23)
	Tunisia	2.62	(0.04)	2.12	(0.13)	**0.50**	(0.14)	7.19	(0.10)	5.36	(0.47)	**1.83**	(0.48)
	Uruguay	1.27	(0.03)	1.59	(0.07)	**-0.32**	(0.08)	4.12	(0.08)	5.58	(0.17)	**-1.46**	(0.19)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.11a [Part 3/3] Mean learning hours and allocation of total learning time in science, by public and private schools

		Allocation of total learning time in science for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)	
		%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.
OECD	Australia	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Austria	64.1	(0.6)	63.8	(2.1)	0.3	(2.1)	4.3	(0.3)	3.2	(0.7)	1.1	(0.8)	31.5	(0.6)	33.0	(1.8)	-1.5	(1.8)
	Belgium	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Canada	66.1	(0.4)	66.7	(0.8)	-0.6	(0.9)	8.6	(0.2)	7.1	(0.5)	**1.5**	(0.5)	25.3	(0.3)	26.2	(0.6)	-0.9	(0.7)
	Czech Republic	68.7	(0.7)	69.2	(3.5)	-0.5	(3.7)	9.7	(0.3)	12.2	(1.8)	-2.5	(1.7)	21.6	(0.5)	18.6	(2.4)	3.0	(2.7)
	Denmark	66.8	(0.6)	67.5	(1.2)	-0.7	(1.3)	13.3	(0.3)	12.1	(0.6)	1.1	(0.7)	19.9	(0.4)	20.3	(0.8)	-0.4	(0.9)
	Finland	71.0	(0.4)	69.2	(3.9)	1.8	(3.8)	5.9	(0.2)	6.9	(1.3)	-1.0	(1.3)	23.1	(0.3)	23.9	(3.0)	-0.8	(3.0)
	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	58.0	(0.6)	60.8	(2.3)	-2.8	(2.4)	8.5	(0.4)	7.6	(1.2)	1.0	(1.3)	33.5	(0.3)	31.6	(1.5)	1.8	(1.5)
	Greece	47.8	(0.6)	58.4	(1.2)	**-10.6**	(1.3)	26.7	(0.4)	18.2	(1.3)	**8.5**	(1.4)	25.6	(0.4)	23.4	(1.0)	**2.2**	(1.0)
	Hungary	51.1	(0.6)	54.0	(1.2)	**-2.8**	(1.3)	18.1	(0.5)	16.1	(1.1)	2.0	(1.3)	30.8	(0.4)	30.0	(0.7)	0.8	(0.7)
	Iceland	70.1	(0.4)	70.2	(3.4)	-0.1	(3.4)	5.1	(0.2)	4.9	(2.1)	0.2	(2.1)	24.8	(0.3)	24.9	(3.1)	-0.1	(3.1)
	Ireland	66.0	(0.7)	66.4	(0.6)	-0.4	(0.9)	6.9	(0.4)	5.7	(0.3)	1.1	(0.5)	27.2	(0.6)	27.9	(0.4)	-0.7	(0.7)
	Italy	54.0	(0.3)	53.9	(1.6)	0.0	(1.6)	9.1	(0.2)	11.3	(1.5)	-2.2	(1.5)	36.9	(0.2)	34.8	(1.1)	2.2	(1.2)
	Japan	78.3	(0.5)	78.5	(0.7)	-0.2	(0.7)	5.2	(0.3)	5.2	(0.3)	-0.1	(0.4)	16.5	(0.5)	16.2	(0.7)	0.3	(0.8)
	Korea	67.0	(1.0)	68.0	(1.0)	-1.0	(1.6)	14.7	(0.6)	12.8	(0.7)	1.8	(1.2)	18.4	(0.6)	19.2	(0.5)	-0.8	(0.8)
	Luxembourg	60.2	(0.4)	57.5	(1.1)	**2.7**	(1.2)	9.9	(0.3)	10.8	(0.7)	-1.0	(0.7)	29.9	(0.4)	31.7	(0.9)	-1.8	(1.0)
	Mexico	47.3	(0.4)	55.0	(1.4)	**-7.7**	(1.5)	15.7	(0.3)	10.9	(0.7)	**4.8**	(0.8)	37.0	(0.4)	34.1	(1.2)	**2.9**	(1.2)
	Netherlands	56.4	(1.1)	56.4	(0.7)	0.1	(1.3)	12.3	(0.9)	12.7	(0.5)	-0.4	(1.1)	31.2	(0.6)	30.9	(0.5)	0.3	(0.7)
	New Zealand	73.4	(0.4)	68.9	(1.2)	**4.5**	(1.2)	6.2	(0.2)	5.9	(1.1)	0.3	(1.1)	20.4	(0.3)	25.2	(0.5)	**-4.8**	(0.6)
	Norway	59.4	(0.5)	64.6	(3.6)	-5.2	(3.7)	17.0	(0.3)	10.9	(1.8)	**6.1**	(1.9)	23.5	(0.3)	24.4	(2.4)	-0.9	(2.4)
	Poland	53.2	(0.4)	55.1	(1.5)	-2.0	(1.6)	10.3	(0.3)	8.9	(0.8)	1.4	(0.9)	36.5	(0.4)	36.0	(1.1)	0.6	(1.2)
	Portugal	54.5	(0.5)	56.4	(2.1)	-1.9	(2.1)	9.3	(0.3)	9.6	(0.7)	-0.4	(0.8)	36.3	(0.4)	34.0	(1.5)	2.3	(1.5)
	Slovak Republic	58.4	(0.6)	63.0	(1.9)	**-4.6**	(2.0)	11.9	(0.4)	9.8	(0.9)	**2.1**	(1.0)	29.7	(0.4)	27.2	(1.2)	**2.5**	(1.3)
	Spain	58.2	(0.5)	60.2	(0.5)	**-2.0**	(0.7)	11.0	(0.4)	10.1	(0.5)	1.0	(0.7)	30.7	(0.4)	29.7	(0.4)	1.0	(0.6)
	Sweden	67.0	(0.6)	63.9	(2.3)	3.1	(2.3)	9.2	(0.2)	8.6	(0.8)	0.6	(0.9)	23.8	(0.5)	27.5	(1.6)	**-3.7**	(1.6)
	Switzerland	62.2	(0.4)	60.6	(2.0)	1.5	(2.1)	8.2	(0.2)	9.2	(1.0)	-1.1	(1.1)	29.7	(0.3)	30.1	(1.2)	-0.5	(1.3)
	Turkey	51.2	(0.5)	53.3	(3.3)	-2.1	(3.3)	21.0	(0.4)	19.5	(1.9)	1.5	(2.0)	27.9	(0.4)	27.3	(2.6)	0.6	(2.6)
	United Kingdom	70.9	(0.4)	69.3	(0.5)	**1.6**	(0.6)	7.0	(0.2)	3.1	(0.5)	**3.9**	(0.5)	22.1	(0.3)	27.6	(0.4)	**-5.5**	(0.5)
	United States	58.2	(0.6)	62.7	(0.7)	**-4.5**	(0.9)	12.9	(0.4)	8.1	(0.8)	**4.8**	(0.9)	28.9	(0.3)	29.2	(1.2)	-0.3	(1.3)
	OECD average	61.5	(0.1)	62.8	(0.4)	**-1.3**	(0.4)	10.9	(0.1)	9.5	(0.2)	**1.4**	(0.2)	27.6	(0.1)	27.7	(0.3)	-0.1	(0.3)
Partners	Argentina	0.0	(0.8)	56.6	(1.3)	**-5.5**	(1.4)	10.8	(0.5)	7.7	(0.6)	**3.1**	(0.8)	38.1	(0.6)	35.7	(1.1)	2.4	(1.3)
	Azerbaijan	100.0	(0.6)	49.9	(1.3)	**-6.8**	(1.4)	19.4	(0.5)	18.2	(0.3)	**1.2**	(0.5)	37.6	(0.4)	32.0	(1.3)	**5.7**	(1.4)
	Brazil	100.0	(0.5)	56.1	(1.0)	**-6.8**	(1.2)	14.3	(0.4)	13.2	(0.7)	1.1	(0.8)	36.4	(0.4)	30.7	(0.7)	**5.7**	(0.9)
	Bulgaria	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Chile	45.3	(0.9)	51.8	(0.6)	**-6.5**	(1.1)	18.4	(0.7)	14.8	(0.5)	**3.6**	(0.9)	36.3	(0.6)	33.4	(0.5)	**2.9**	(0.8)
	Colombia	58.1	(0.8)	62.7	(1.3)	**-4.6**	(1.5)	13.5	(0.4)	11.0	(0.8)	**2.5**	(0.9)	28.4	(0.5)	26.4	(0.7)	**2.1**	(0.9)
	Croatia	54.4	(0.5)	59.1	(0.1)	**-4.6**	(0.5)	9.8	(0.4)	12.0	(0.0)	**-2.2**	(0.4)	35.8	(0.5)	28.9	(0.1)	**6.8**	(0.5)
	Estonia	61.3	(0.5)	68.8	(2.3)	**-7.4**	(2.4)	12.7	(0.4)	7.2	(1.8)	**5.6**	(1.8)	26.0	(0.3)	24.1	(1.3)	1.9	(1.5)
	Hong Kong-China	61.1	(1.8)	61.0	(0.6)	0.1	(1.9)	14.1	(1.2)	13.9	(0.4)	0.2	(1.3)	24.9	(0.7)	25.2	(0.4)	-0.3	(0.8)
	Indonesia	56.0	(1.1)	52.4	(0.9)	**3.6**	(1.1)	15.1	(0.7)	16.3	(0.8)	-1.1	(0.7)	28.9	(0.6)	31.3	(0.7)	**-2.4**	(1.0)
	Israel	52.0	(1.0)	60.1	(2.0)	**-8.2**	(2.5)	19.4	(0.5)	15.7	(0.8)	**3.7**	(1.1)	28.6	(0.7)	24.1	(1.4)	**4.5**	(1.7)
	Jordan	42.4	(0.6)	44.1	(1.4)	-1.7	(1.5)	20.6	(0.4)	19.7	(1.1)	0.9	(1.1)	37.0	(0.4)	36.2	(0.9)	0.8	(1.0)
	Kyrgyzstan	35.0	(0.7)	48.1	(1.2)	**-13.1**	(1.4)	26.1	(0.6)	15.4	(4.5)	**10.7**	(4.7)	38.8	(0.4)	36.5	(4.1)	2.3	(4.1)
	Latvia	56.1	(0.5)	a	a	a	a	10.4	(0.3)	a	a	a	a	33.5	(0.4)	a	a	a	a
	Liechtenstein	62.0	(1.5)	c	c	c	c	10.3	(1.1)	c	c	c	c	27.7	(1.3)	c	c	c	c
	Lithuania	57.1	(0.5)	c	c	c	c	10.1	(0.3)	c	c	c	c	32.8	(0.3)	c	c	c	c
	Macao-China	67.7	(2.0)	64.6	(0.4)	3.1	(2.0)	15.1	(1.4)	14.5	(0.3)	0.6	(1.4)	17.2	(1.3)	20.9	(0.3)	**-3.7**	(1.3)
	Montenegro	46.9	(0.4)	a	a	a	a	16.0	(0.3)	a	a	a	a	37.1	(0.5)	a	a	a	a
	Qatar	39.6	(0.4)	46.8	(0.9)	**-7.1**	(1.0)	25.5	(0.3)	20.7	(0.8)	**4.8**	(0.8)	34.9	(0.4)	32.5	(0.7)	**2.4**	(0.9)
	Romania	48.1	(0.6)	a	a	a	a	19.5	(0.5)	a	a	a	a	32.4	(0.5)	a	a	a	a
	Russian Federation	48.6	(0.5)	a	a	a	a	15.0	(0.5)	a	a	a	a	36.4	(0.5)	a	a	a	a
	Serbia	56.8	(0.5)	c	c	c	c	13.4	(0.4)	c	c	c	c	29.8	(0.4)	c	c	c	c
	Slovenia	m	m	66.4	(1.9)	m	m	13.3	(0.3)	7.7	(1.2)	**5.5**	(1.2)	31.3	(0.4)	25.8	(1.6)	**5.4**	(1.7)
	Chinese Taipei	62.4	(0.5)	66.3	(0.8)	**-3.9**	(1.0)	13.1	(0.3)	10.4	(0.5)	**2.7**	(0.7)	24.5	(0.4)	23.3	(0.5)	1.2	(0.6)
	Thailand	63.5	(0.4)	65.7	(1.1)	-2.2	(1.1)	10.2	(0.4)	8.4	(1.0)	1.9	(1.1)	26.2	(0.3)	25.9	(0.7)	0.3	(0.8)
	Tunisia	37.4	(0.4)	33.8	(5.6)	3.6	(5.6)	25.8	(0.4)	29.4	(4.5)	-3.6	(4.5)	36.8	(0.4)	36.8	(3.0)	0.0	(3.0)
	Uruguay	55.1	(0.6)	61.2	(1.1)	**-6.1**	(1.2)	12.5	(0.4)	9.8	(0.6)	**2.7**	(0.7)	32.4	(0.5)	29.0	(0.9)	**3.4**	(1.0)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.11b [Part 1/3] Mean learning hours and allocation of total learning time in mathematics by public and private schools

		Mean learning hours per week											
		Regular school lessons						Out-of-school-time lessons					
		Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	w	w	w	w	w	w	w	w	w	w	w	w
	Austria	3.24	(0.05)	3.08	(0.11)	0.16	(0.12)	0.51	(0.02)	0.47	(0.07)	0.04	(0.07)
	Belgium	w	w	w	w	w	w	w	w	w	w	w	w
	Canada	4.51	(0.04)	4.50	(0.08)	0.01	(0.09)	0.93	(0.02)	1.02	(0.06)	-0.08	(0.07)
	Czech Republic	4.01	(0.05)	3.90	(0.35)	0.11	(0.36)	0.75	(0.03)	0.83	(0.19)	-0.08	(0.20)
	Denmark	4.45	(0.04)	4.45	(0.10)	0.00	(0.11)	1.44	(0.03)	1.16	(0.07)	**0.29**	(0.08)
	Finland	3.45	(0.04)	3.32	(0.25)	0.14	(0.25)	0.36	(0.02)	0.58	(0.10)	**-0.22**	(0.10)
	France	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	3.90	(0.04)	3.62	(0.21)	0.28	(0.21)	0.81	(0.03)	0.81	(0.14)	-0.00	(0.14)
	Greece	3.41	(0.04)	4.22	(0.18)	**-0.81**	(0.19)	2.25	(0.06)	1.83	(0.11)	**0.42**	(0.12)
	Hungary	3.28	(0.05)	3.36	(0.12)	-0.08	(0.14)	1.31	(0.03)	1.21	(0.08)	0.10	(0.08)
	Iceland	4.75	(0.02)	5.47	(0.27)	**-0.73**	(0.27)	0.73	(0.02)	0.80	(0.18)	-0.07	(0.19)
	Ireland	3.60	(0.06)	3.70	(0.03)	-0.09	(0.07)	0.78	(0.04)	0.68	(0.03)	**0.10**	(0.04)
	Italy	3.76	(0.04)	3.22	(0.17)	**0.54**	(0.18)	0.90	(0.02)	0.68	(0.06)	**0.22**	(0.06)
	Japan	4.19	(0.07)	4.34	(0.15)	-0.15	(0.16)	0.68	(0.04)	0.79	(0.05)	**-0.12**	(0.06)
	Korea	4.58	(0.08)	4.84	(0.07)	**-0.26**	(0.12)	2.18	(0.09)	2.39	(0.10)	-0.22	(0.16)
	Luxembourg	3.85	(0.03)	3.86	(0.06)	-0.01	(0.06)	0.82	(0.02)	0.94	(0.06)	-0.12	(0.07)
	Mexico	3.87	(0.04)	4.33	(0.13)	**-0.45**	(0.13)	1.23	(0.03)	0.90	(0.06)	**0.33**	(0.06)
	Netherlands	2.88	(0.07)	2.87	(0.05)	0.01	(0.09)	0.74	(0.03)	0.66	(0.03)	0.08	(0.05)
	New Zealand	4.36	(0.03)	4.70	(0.14)	**-0.33**	(0.15)	0.68	(0.02)	0.73	(0.08)	-0.05	(0.08)
	Norway	3.37	(0.03)	3.74	(0.15)	**-0.36**	(0.15)	1.05	(0.02)	0.78	(0.15)	0.28	(0.15)
	Poland	4.35	(0.04)	4.54	(0.09)	-0.19	(0.10)	0.78	(0.02)	0.70	(0.13)	0.07	(0.13)
	Portugal	3.57	(0.04)	3.93	(0.16)	**-0.36**	(0.17)	0.81	(0.02)	0.82	(0.11)	-0.00	(0.12)
	Slovak Republic	3.31	(0.06)	3.14	(0.34)	0.17	(0.35)	0.89	(0.03)	0.78	(0.11)	0.11	(0.12)
	Spain	3.29	(0.03)	3.66	(0.05)	**-0.37**	(0.06)	0.99	(0.03)	1.00	(0.04)	-0.00	(0.05)
	Sweden	3.11	(0.02)	2.85	(0.13)	**0.26**	(0.13)	0.61	(0.02)	0.61	(0.05)	0.00	(0.05)
	Switzerland	3.90	(0.04)	3.64	(0.20)	0.27	(0.22)	0.70	(0.02)	0.77	(0.07)	-0.07	(0.07)
	Turkey	3.79	(0.06)	5.16	(0.28)	**-1.38**	(0.29)	2.06	(0.05)	2.50	(0.08)	**-0.44**	(0.10)
	United Kingdom	3.74	(0.03)	4.09	(0.12)	**-0.34**	(0.12)	0.64	(0.02)	0.35	(0.06)	**0.29**	(0.07)
	United States	3.75	(0.05)	4.10	(0.11)	**-0.36**	(0.12)	1.17	(0.03)	0.85	(0.09)	**0.32**	(0.09)
	OECD average	3.77	(0.01)	3.94	(0.03)	**-0.17**	(0.03)	0.98	(0.01)	0.93	(0.02)	**0.05**	(0.02)
Partners	Argentina	2.70	(0.06)	3.40	(0.09)	**-0.70**	(0.10)	0.79	(0.05)	0.76	(0.05)	0.03	(0.07)
	Azerbaijan	3.78	(0.06)	4.66	(0.24)	**-0.88**	(0.25)	1.69	(0.05)	2.28	(0.24)	**-0.59**	(0.25)
	Brazil	3.02	(0.04)	3.90	(0.07)	**-0.87**	(0.09)	1.19	(0.03)	1.32	(0.06)	-0.13	(0.07)
	Bulgaria	m	m	m	m	m	m	m	m	m	m	m	m
	Chile	3.08	(0.10)	3.81	(0.08)	**-0.73**	(0.13)	1.01	(0.05)	0.98	(0.03)	0.03	(0.06)
	Colombia	4.10	(0.07)	4.77	(0.21)	**-0.67**	(0.22)	1.26	(0.04)	1.07	(0.05)	**0.19**	(0.07)
	Croatia	3.04	(0.04)	3.40	(0.00)	**-0.36**	(0.04)	0.76	(0.03)	1.17	(0.00)	**-0.41**	(0.03)
	Estonia	4.20	(0.04)	3.79	(0.21)	**0.41**	(0.20)	1.00	(0.03)	0.45	(0.13)	**0.55**	(0.13)
	Hong Kong-China	5.39	(0.18)	5.22	(0.04)	0.17	(0.19)	1.38	(0.09)	1.39	(0.04)	-0.01	(0.10)
	Indonesia	4.29	(0.09)	3.78	(0.08)	**0.51**	(0.12)	1.46	(0.06)	1.22	(0.06)	**0.24**	(0.09)
	Israel	4.10	(0.05)	4.16	(0.11)	-0.06	(0.13)	2.28	(0.05)	1.84	(0.10)	**0.44**	(0.11)
	Jordan	3.38	(0.05)	3.86	(0.11)	**-0.47**	(0.12)	1.82	(0.04)	1.89	(0.09)	-0.07	(0.10)
	Kyrgyzstan	2.87	(0.06)	3.40	(0.22)	**-0.54**	(0.23)	1.55	(0.04)	1.24	(0.18)	0.31	(0.20)
	Latvia	4.49	(0.04)	a	a	a	a	1.20	(0.04)	a	a	a	a
	Liechtenstein	3.92	(0.09)	c	c	c	c	0.59	(0.05)	c	c	c	c
	Lithuania	3.49	(0.04)	c	c	c	c	0.74	(0.02)	c	c	c	c
	Macao-China	5.00	(0.12)	5.42	(0.03)	**-0.42**	(0.12)	1.08	(0.12)	1.21	(0.03)	-0.13	(0.13)
	Montenegro	3.09	(0.04)	c	c	c	c	0.93	(0.03)	c	c	c	c
	Qatar	2.98	(0.04)	3.82	(0.06)	**-0.84**	(0.08)	1.84	(0.03)	1.87	(0.06)	-0.03	(0.07)
	Romania	3.01	(0.07)	a	a	a	a	1.50	(0.03)	a	a	a	a
	Russian Federation	3.63	(0.06)	a	a	a	a	1.13	(0.03)	a	a	a	a
	Serbia	3.28	(0.04)	c	c	c	c	0.97	(0.03)	c	c	c	c
	Slovenia	3.31	(0.03)	4.23	(0.12)	**-0.92**	(0.12)	1.03	(0.02)	0.80	(0.09)	**0.23**	(0.10)
	Chinese Taipei	4.35	(0.07)	4.08	(0.17)	0.27	(0.22)	1.72	(0.05)	1.17	(0.08)	**0.55**	(0.10)
	Thailand	3.90	(0.04)	3.14	(0.07)	**0.76**	(0.08)	0.97	(0.03)	0.67	(0.06)	**0.30**	(0.07)
	Tunisia	3.42	(0.04)	2.78	(0.28)	**0.63**	(0.29)	2.43	(0.04)	2.35	(0.06)	0.08	(0.07)
	Uruguay	3.18	(0.04)	4.04	(0.13)	**-0.86**	(0.14)	0.83	(0.03)	0.89	(0.04)	-0.06	(0.05)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.11b [Part 2/3] Mean learning hours and allocation of total learning time in mathematics by public and private schools

		Mean learning hours per week											
		Individual study						Total learning hours					
		Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	w	w	w	w	w	w	w	w	w	w	w	w
	Austria	2.11	(0.04)	2.34	(0.09)	**-0.24**	(0.11)	5.87	(0.09)	5.90	(0.16)	-0.03	(0.19)
	Belgium	w	w	w	w	w	w	w	w	w	w	w	w
	Canada	1.95	(0.03)	2.35	(0.07)	**-0.40**	(0.08)	7.43	(0.08)	7.87	(0.14)	**-0.45**	(0.17)
	Czech Republic	1.32	(0.03)	1.24	(0.17)	0.08	(0.17)	6.07	(0.09)	5.97	(0.65)	0.10	(0.68)
	Denmark	1.74	(0.03)	1.75	(0.06)	-0.01	(0.08)	7.62	(0.07)	7.31	(0.17)	0.31	(0.21)
	Finland	1.19	(0.02)	1.58	(0.15)	**-0.38**	(0.15)	5.01	(0.06)	5.51	(0.28)	-0.50	(0.29)
	France	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	2.26	(0.04)	2.29	(0.18)	-0.03	(0.19)	6.99	(0.08)	6.72	(0.43)	0.27	(0.44)
	Greece	2.00	(0.04)	2.12	(0.11)	-0.12	(0.11)	7.68	(0.11)	8.23	(0.27)	-0.55	(0.29)
	Hungary	1.84	(0.04)	1.88	(0.10)	-0.04	(0.10)	6.43	(0.09)	6.47	(0.23)	-0.03	(0.25)
	Iceland	1.71	(0.02)	1.90	(0.33)	-0.19	(0.33)	7.19	(0.05)	8.17	(0.48)	**-0.98**	(0.47)
	Ireland	1.71	(0.05)	1.81	(0.04)	-0.09	(0.06)	6.09	(0.11)	6.18	(0.08)	-0.10	(0.13)
	Italy	2.51	(0.03)	1.97	(0.14)	**0.54**	(0.14)	7.18	(0.07)	5.91	(0.30)	1.27	(0.32)
	Japan	1.50	(0.07)	1.43	(0.09)	0.07	(0.11)	6.37	(0.13)	6.57	(0.25)	-0.20	(0.26)
	Korea	2.23	(0.12)	2.41	(0.09)	-0.18	(0.17)	9.02	(0.25)	9.67	(0.22)	-0.65	(0.41)
	Luxembourg	1.68	(0.02)	1.88	(0.06)	**-0.19**	(0.07)	6.38	(0.05)	6.69	(0.13)	**-0.31**	(0.14)
	Mexico	2.29	(0.03)	2.09	(0.06)	**0.20**	(0.07)	7.36	(0.07)	7.33	(0.13)	0.03	(0.13)
	Netherlands	1.51	(0.06)	1.45	(0.04)	0.06	(0.06)	5.11	(0.10)	4.97	(0.09)	0.14	(0.14)
	New Zealand	1.56	(0.03)	2.00	(0.08)	**-0.44**	(0.08)	6.61	(0.05)	7.41	(0.17)	**-0.79**	(0.18)
	Norway	1.39	(0.03)	1.31	(0.17)	0.08	(0.17)	5.82	(0.06)	5.81	(0.26)	0.00	(0.26)
	Poland	2.09	(0.03)	2.27	(0.09)	**-0.19**	(0.09)	7.22	(0.06)	7.51	(0.14)	**-0.29**	(0.15)
	Portugal	1.95	(0.03)	2.05	(0.14)	-0.10	(0.15)	6.34	(0.07)	6.77	(0.33)	-0.43	(0.34)
	Slovak Republic	1.70	(0.04)	1.55	(0.14)	0.15	(0.15)	5.91	(0.10)	5.51	(0.55)	0.40	(0.57)
	Spain	1.91	(0.04)	2.06	(0.05)	**-0.15**	(0.06)	6.23	(0.07)	6.74	(0.10)	**-0.50**	(0.12)
	Sweden	1.16	(0.02)	1.35	(0.08)	**-0.18**	(0.08)	4.89	(0.05)	4.81	(0.19)	0.08	(0.19)
	Switzerland	1.70	(0.02)	1.81	(0.06)	-0.12	(0.07)	6.32	(0.06)	6.25	(0.28)	0.07	(0.30)
	Turkey	2.30	(0.05)	2.47	(0.14)	-0.17	(0.14)	8.12	(0.15)	10.03	(0.24)	**-1.92**	(0.30)
	United Kingdom	1.46	(0.02)	1.87	(0.07)	**-0.40**	(0.07)	5.85	(0.05)	6.31	(0.19)	**-0.46**	(0.19)
	United States	2.01	(0.03)	2.48	(0.10)	**-0.47**	(0.10)	6.98	(0.07)	7.43	(0.15)	**-0.45**	(0.16)
	OECD average	1.80	(0.01)	1.91	(0.02)	**-0.11**	(0.02)	6.56	(0.02)	6.79	(0.05)	**-0.23**	(0.06)
Partners	Argentina	1.82	(0.05)	1.83	(0.05)	-0.01	(0.06)	5.31	(0.13)	5.98	(0.13)	**-0.67**	(0.17)
	Azerbaijan	2.94	(0.06)	3.33	(0.13)	**-0.38**	(0.14)	8.47	(0.14)	10.30	(0.07)	**-1.83**	(0.15)
	Brazil	1.76	(0.03)	2.06	(0.06)	**-0.30**	(0.07)	5.96	(0.08)	7.25	(0.13)	**-1.29**	(0.15)
	Bulgaria	m	m	m	m	m	m	m	m	m	m	m	m
	Chile	1.58	(0.06)	1.61	(0.04)	-0.03	(0.07)	5.72	(0.17)	6.43	(0.12)	**-0.72**	(0.22)
	Colombia	1.94	(0.04)	1.91	(0.06)	0.03	(0.08)	7.30	(0.08)	7.77	(0.27)	-0.48	(0.29)
	Croatia	1.80	(0.03)	1.90	(0.00)	**-0.10**	(0.03)	5.65	(0.06)	6.48	(0.01)	**-0.84**	(0.06)
	Estonia	1.97	(0.03)	1.38	(0.13)	**0.59**	(0.14)	7.18	(0.06)	5.60	(0.32)	**1.58**	(0.31)
	Hong Kong-China	2.23	(0.12)	2.24	(0.04)	-0.01	(0.12)	9.02	(0.34)	8.85	(0.09)	0.17	(0.35)
	Indonesia	2.09	(0.04)	1.85	(0.04)	**0.24**	(0.07)	7.84	(0.13)	6.83	(0.14)	**1.01**	(0.19)
	Israel	2.47	(0.06)	2.00	(0.11)	**0.46**	(0.13)	8.93	(0.13)	8.09	(0.25)	**0.84**	(0.30)
	Jordan	2.65	(0.04)	2.82	(0.10)	-0.17	(0.11)	7.84	(0.09)	8.49	(0.17)	**-0.64**	(0.20)
	Kyrgyzstan	2.21	(0.04)	2.07	(0.24)	0.14	(0.25)	6.69	(0.09)	6.82	(0.54)	-0.13	(0.55)
	Latvia	2.44	(0.04)	a	a	a	a	8.14	(0.09)	a	a	a	a
	Liechtenstein	1.46	(0.06)	c	c	c	c	5.97	(0.13)	c	c	c	c
	Lithuania	1.77	(0.03)	c	c	c	c	6.00	(0.06)	c	c	c	c
	Macao-China	1.32	(0.10)	2.10	(0.03)	**-0.77**	(0.11)	7.42	(0.25)	8.73	(0.06)	**-1.31**	(0.26)
	Montenegro	2.04	(0.03)	c	c	c	c	6.05	(0.07)	c	c	c	c
	Qatar	2.17	(0.03)	2.56	(0.07)	**-0.39**	(0.07)	7.01	(0.08)	8.26	(0.15)	**-1.25**	(0.17)
	Romania	2.16	(0.04)	a	a	a	a	6.67	(0.11)	a	a	a	a
	Russian Federation	2.23	(0.05)	a	a	a	a	6.99	(0.10)	a	a	a	a
	Serbia	1.82	(0.03)	c	c	c	c	6.07	(0.07)	c	c	c	c
	Slovenia	1.92	(0.02)	2.35	(0.14)	**-0.43**	(0.14)	6.28	(0.05)	7.38	(0.26)	**-1.11**	(0.27)
	Chinese Taipei	1.99	(0.04)	1.67	(0.08)	**0.31**	(0.10)	8.11	(0.13)	6.98	(0.32)	**1.13**	(0.40)
	Thailand	1.90	(0.03)	1.35	(0.06)	**0.55**	(0.07)	6.77	(0.08)	5.16	(0.15)	**1.61**	(0.16)
	Tunisia	2.58	(0.04)	2.12	(0.41)	0.45	(0.41)	8.41	(0.10)	7.52	(0.67)	0.89	(0.68)
	Uruguay	1.54	(0.03)	1.72	(0.07)	**-0.18**	(0.08)	5.57	(0.07)	6.64	(0.20)	**-1.08**	(0.21)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.11b [Part 3/3] Mean learning hours and allocation of total learning time in mathematics by public and private schools

		Allocation of total learning time in mathematics for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)	
		%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.
OECD	Australia	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Austria	58.8	(0.5)	55.4	(1.1)	**3.4**	(1.3)	6.7	(0.3)	6.3	(0.7)	0.3	(0.7)	34.5	(0.4)	38.3	(1.3)	**-3.7**	(1.4)
	Belgium	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Canada	63.5	(0.3)	61.0	(0.7)	**2.4**	(0.8)	11.5	(0.2)	10.9	(0.6)	0.6	(0.6)	25.1	(0.2)	28.1	(0.6)	**-3.0**	(0.7)
	Czech Republic	70.4	(0.5)	70.0	(2.7)	0.4	(2.8)	9.7	(0.2)	10.7	(1.7)	-1.0	(1.7)	19.9	(0.4)	19.3	(1.5)	0.6	(1.6)
	Denmark	61.9	(0.4)	64.3	(0.9)	**-2.3**	(1.0)	16.7	(0.3)	13.7	(0.6)	**3.0**	(0.6)	21.3	(0.2)	22.0	(0.6)	-0.7	(0.6)
	Finland	71.3	(0.3)	65.6	(2.6)	**5.7**	(2.6)	5.9	(0.2)	7.8	(1.2)	-1.9	(1.2)	22.8	(0.2)	26.6	(1.5)	**-3.7**	(1.5)
	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	58.7	(0.4)	56.4	(1.6)	2.3	(1.7)	9.7	(0.3)	9.5	(1.5)	0.2	(1.5)	31.5	(0.3)	34.1	(0.8)	**-2.6**	(0.8)
	Greece	49.0	(0.5)	55.5	(1.3)	**-6.5**	(1.3)	26.3	(0.5)	20.8	(1.7)	**5.4**	(1.8)	24.7	(0.4)	23.7	(1.1)	1.0	(1.2)
	Hungary	54.1	(0.5)	55.6	(0.9)	-1.5	(1.1)	18.0	(0.3)	16.3	(1.0)	1.7	(1.1)	27.9	(0.3)	28.1	(0.8)	-0.2	(0.8)
	Iceland	69.4	(0.3)	70.7	(3.6)	-1.3	(3.6)	8.6	(0.2)	8.5	(2.0)	0.1	(2.0)	22.0	(0.2)	20.8	(2.7)	1.2	(2.7)
	Ireland	63.2	(0.6)	63.8	(0.5)	-0.6	(0.8)	10.5	(0.5)	8.8	(0.3)	**1.7**	(0.5)	26.3	(0.4)	27.4	(0.4)	-1.2	(0.6)
	Italy	54.9	(0.2)	57.3	(1.0)	**-2.4**	(1.0)	10.8	(0.2)	9.8	(0.8)	1.0	(0.9)	34.3	(0.2)	32.9	(1.3)	1.4	(1.3)
	Japan	71.9	(0.6)	71.2	(0.9)	0.7	(1.1)	8.3	(0.4)	9.5	(0.4)	**-1.2**	(0.5)	19.8	(0.5)	19.2	(0.8)	0.6	(0.9)
	Korea	57.5	(1.0)	56.4	(0.9)	1.1	(1.7)	20.5	(0.6)	21.4	(0.6)	-0.9	(1.1)	22.0	(0.6)	22.2	(0.5)	-0.2	(0.9)
	Luxembourg	63.6	(0.3)	61.3	(0.9)	**2.3**	(1.0)	10.9	(0.3)	12.3	(0.6)	-1.4	(0.7)	25.5	(0.3)	26.4	(0.7)	-0.9	(0.7)
	Mexico	53.4	(0.4)	60.4	(1.3)	**-7.1**	(1.4)	15.1	(0.3)	10.8	(0.7)	**4.3**	(0.7)	31.5	(0.3)	28.8	(1.0)	**2.7**	(1.1)
	Netherlands	59.4	(0.9)	60.3	(0.6)	-0.9	(1.1)	12.7	(0.7)	11.7	(0.4)	0.9	(0.9)	27.9	(0.6)	28.0	(0.5)	-0.0	(0.9)
	New Zealand	69.8	(0.4)	66.5	(1.0)	**3.3**	(1.1)	8.6	(0.3)	8.0	(0.8)	0.5	(0.8)	21.7	(0.3)	25.5	(0.7)	**-3.8**	(0.7)
	Norway	62.1	(0.4)	67.4	(3.2)	-5.3	(3.3)	16.0	(0.3)	12.1	(1.7)	**4.0**	(1.7)	21.9	(0.3)	20.5	(1.7)	1.3	(1.7)
	Poland	62.4	(0.3)	64.3	(1.3)	-1.9	(1.3)	10.1	(0.3)	7.9	(1.3)	2.2	(1.4)	27.4	(0.3)	27.7	(0.7)	-0.3	(0.8)
	Portugal	58.7	(0.4)	60.5	(2.3)	-1.8	(2.3)	11.7	(0.3)	11.0	(1.3)	0.7	(1.3)	29.7	(0.4)	28.5	(1.3)	1.1	(1.4)
	Slovak Republic	60.4	(0.5)	63.8	(2.0)	-3.4	(2.0)	12.7	(0.3)	10.7	(1.2)	2.1	(1.3)	26.9	(0.4)	25.6	(1.5)	1.3	(1.6)
	Spain	57.4	(0.4)	58.1	(0.4)	-0.6	(0.6)	13.4	(0.3)	12.5	(0.4)	0.9	(0.5)	29.2	(0.4)	29.5	(0.4)	-0.3	(0.6)
	Sweden	68.5	(0.5)	63.5	(1.7)	**5.0**	(1.7)	9.9	(0.2)	10.5	(0.6)	-0.6	(0.6)	21.6	(0.4)	26.0	(1.4)	**-4.4**	(1.4)
	Switzerland	63.8	(0.4)	60.4	(1.4)	**3.4**	(1.5)	9.6	(0.3)	10.3	(0.8)	-0.8	(0.8)	26.6	(0.2)	29.2	(1.4)	-2.6	(1.4)
	Turkey	50.7	(0.4)	53.8	(1.6)	-3.1	(1.6)	22.7	(0.4)	22.8	(0.6)	-0.1	(0.7)	26.6	(0.3)	23.4	(2.1)	3.2	(2.2)
	United Kingdom	67.1	(0.4)	67.2	(0.9)	-0.1	(1.0)	9.1	(0.3)	4.2	(0.8)	**4.9**	(0.8)	23.8	(0.3)	28.6	(0.5)	**-4.8**	(0.6)
	United States	55.3	(0.5)	57.4	(0.7)	**-2.1**	(0.8)	15.8	(0.4)	10.0	(1.0)	**5.8**	(1.0)	28.9	(0.3)	32.6	(0.9)	**-3.7**	(1.0)
	OECD average	61.4	(0.1)	61.8	(0.3)	-0.4	(0.3)	12.5	(0.1)	11.3	(0.2)	**1.2**	(0.2)	26.0	(0.1)	26.9	(0.2)	**-0.8**	(0.2)
Partners	Argentina	53.0	(0.7)	58.3	(0.8)	**-5.4**	(1.0)	12.9	(0.6)	11.5	(0.6)	1.3	(0.9)	34.2	(0.5)	30.1	(0.6)	**4.0**	(0.8)
	Azerbaijan	47.1	(0.5)	48.6	(2.8)	-1.5	(2.9)	18.6	(0.4)	21.1	(1.8)	-2.5	(1.9)	34.3	(0.5)	30.3	(1.3)	**4.0**	(1.4)
	Brazil	53.9	(0.5)	57.6	(1.0)	**-3.7**	(1.1)	17.6	(0.5)	15.7	(0.6)	**1.9**	(0.8)	28.5	(0.4)	26.7	(0.6)	**1.8**	(0.7)
	Bulgaria	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Chile	53.8	(0.8)	59.3	(0.5)	**-5.5**	(0.9)	16.9	(0.5)	13.8	(0.4)	**3.2**	(0.6)	29.3	(0.6)	26.9	(0.4)	**2.3**	(0.7)
	Colombia	60.1	(0.7)	63.8	(1.2)	**-3.7**	(1.4)	14.6	(0.4)	12.5	(0.6)	**2.1**	(0.8)	25.3	(0.4)	23.7	(0.8)	1.6	(0.9)
	Croatia	58.3	(0.5)	60.6	(0.1)	**-2.3**	(0.5)	11.4	(0.3)	14.7	(0.0)	**-3.3**	(0.3)	30.3	(0.4)	24.7	(0.0)	**5.6**	(0.4)
	Estonia	62.0	(0.4)	69.5	(1.3)	**-7.4**	(1.4)	12.5	(0.3)	6.5	(2.1)	**5.9**	(2.1)	25.5	(0.3)	24.0	(1.7)	1.5	(1.7)
	Hong Kong-China	63.3	(0.5)	62.5	(0.5)	0.8	(0.7)	13.6	(0.4)	14.1	(0.3)	-0.5	(0.6)	23.1	(0.9)	23.4	(0.3)	-0.3	(0.9)
	Indonesia	57.1	(0.9)	57.2	(0.9)	-0.1	(1.2)	16.6	(0.6)	16.0	(0.7)	0.6	(0.8)	26.3	(0.4)	26.8	(0.5)	-0.6	(0.7)
	Israel	49.2	(0.7)	56.8	(1.3)	**-7.6**	(1.6)	24.2	(0.4)	20.4	(0.7)	**3.8**	(0.8)	26.7	(0.5)	22.9	(0.9)	**3.8**	(1.0)
	Jordan	42.7	(0.5)	44.8	(1.6)	-2.1	(1.7)	22.6	(0.5)	22.0	(1.2)	0.6	(1.3)	34.7	(0.5)	33.3	(0.7)	1.5	(0.8)
	Kyrgyzstan	41.8	(0.6)	55.6	(1.7)	**-13.9**	(1.7)	24.1	(0.5)	16.6	(2.4)	**7.6**	(2.5)	34.1	(0.4)	27.8	(2.5)	**6.3**	(2.5)
	Latvia	58.2	(0.3)	a	a	a	a	13.3	(0.4)	a	a	a	a	28.4	(0.3)	a	a	a	a
	Liechtenstein	66.5	(1.2)	c	c	c	c	8.6	(0.6)	c	c	c	c	24.9	(1.0)	c	c	c	c
	Lithuania	60.7	(0.4)	c	c	c	c	11.5	(0.3)	c	c	c	c	27.7	(0.3)	c	c	c	c
	Macao-China	71.9	(1.5)	66.0	(0.4)	**5.9**	(1.5)	11.7	(1.1)	11.9	(0.2)	-0.2	(1.1)	16.4	(0.9)	22.1	(0.3)	**-5.7**	(0.9)
	Montenegro	52.4	(0.4)	c	c	c	c	13.5	(0.3)	c	c	c	c	34.1	(0.4)	c	c	c	c
	Qatar	42.5	(0.3)	47.6	(0.8)	**-5.1**	(0.9)	25.6	(0.3)	21.9	(0.8)	**3.7**	(0.9)	31.9	(0.3)	30.6	(0.6)	**1.3**	(0.6)
	Romania	49.5	(0.6)	a	a	a	a	19.7	(0.4)	a	a	a	a	30.7	(0.4)	a	a	a	a
	Russian Federation	53.9	(0.5)	a	a	a	a	15.7	(0.6)	a	a	a	a	30.4	(0.4)	a	a	a	a
	Serbia	59.2	(0.5)	c	c	c	c	13.0	(0.3)	c	c	c	c	27.8	(0.4)	c	c	c	c
	Slovenia	55.4	(0.3)	62.5	(1.3)	**-7.0**	(1.3)	14.5	(0.2)	9.3	(1.0)	**5.1**	(1.0)	30.1	(0.3)	28.2	(1.1)	1.9	(1.1)
	Chinese Taipei	57.9	(0.4)	63.3	(0.9)	**-5.4**	(1.1)	18.3	(0.3)	14.1	(0.6)	**4.2**	(0.8)	23.8	(0.3)	22.6	(0.5)	**1.2**	(0.6)
	Thailand	63.0	(0.5)	65.4	(0.6)	**-2.3**	(0.7)	11.1	(0.3)	8.3	(0.7)	**2.8**	(0.8)	25.9	(0.3)	26.4	(0.7)	-0.5	(0.8)
	Tunisia	41.7	(0.4)	43.9	(1.3)	**-2.2**	(1.4)	27.1	(0.3)	28.2	(5.4)	-1.1	(5.4)	31.2	(0.3)	27.9	(5.0)	3.3	(5.0)
	Uruguay	60.2	(0.5)	63.6	(0.7)	**-3.3**	(0.8)	12.6	(0.4)	11.5	(0.6)	1.1	(0.6)	27.2	(0.3)	25.0	(0.7)	**2.2**	(0.8)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.11c [Part 1/3] Mean learning hours and allocation of total learning time on the language of instruction, by public and private schools

		Mean learning hours per week											
		Regular school lessons						Out-of-school-time lessons					
		Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	w	w	w	w	w	w	w	w	w	w	w	w
	Austria	2.84	(0.03)	3.18	(0.18)	-0.34	(0.18)	0.24	(0.02)	0.22	(0.07)	0.01	(0.07)
	Belgium	w	w	w	w	w	w	w	w	w	w	w	w
	Canada	4.44	(0.04)	4.30	(0.09)	0.14	(0.10)	0.89	(0.02)	0.65	(0.03)	**0.25**	(0.03)
	Czech Republic	3.73	(0.04)	3.64	(0.14)	0.10	(0.16)	0.61	(0.02)	0.65	(0.07)	-0.04	(0.07)
	Denmark	5.62	(0.03)	5.20	(0.14)	**0.42**	(0.14)	1.78	(0.04)	1.43	(0.08)	**0.35**	(0.08)
	Finland	3.14	(0.05)	2.85	(0.26)	0.29	(0.26)	0.36	(0.01)	0.57	(0.15)	-0.21	(0.15)
	France	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	3.68	(0.03)	3.49	(0.11)	0.19	(0.11)	0.61	(0.02)	0.46	(0.10)	0.15	(0.10)
	Greece	3.15	(0.04)	3.57	(0.09)	**-0.42**	(0.10)	1.65	(0.04)	1.17	(0.04)	**0.48**	(0.05)
	Hungary	3.17	(0.05)	3.32	(0.14)	-0.15	(0.16)	1.33	(0.03)	1.24	(0.08)	0.09	(0.08)
	Iceland	4.52	(0.03)	5.16	(0.29)	**-0.64**	(0.29)	0.47	(0.02)	0.61	(0.18)	-0.15	(0.18)
	Ireland	3.50	(0.05)	3.58	(0.04)	-0.08	(0.06)	0.76	(0.04)	0.56	(0.03)	**0.20**	(0.05)
	Italy	4.64	(0.03)	4.27	(0.17)	**0.37**	(0.18)	0.79	(0.02)	0.78	(0.10)	0.01	(0.09)
	Japan	3.72	(0.05)	4.04	(0.07)	**-0.32**	(0.09)	0.42	(0.03)	0.45	(0.03)	-0.03	(0.04)
	Korea	4.37	(0.07)	4.59	(0.07)	**-0.22**	(0.11)	1.39	(0.07)	1.51	(0.06)	-0.11	(0.10)
	Luxembourg	3.51	(0.03)	3.49	(0.06)	0.02	(0.06)	0.58	(0.02)	0.67	(0.05)	-0.09	(0.06)
	Mexico	3.67	(0.04)	4.04	(0.13)	**-0.37**	(0.14)	1.17	(0.03)	0.77	(0.05)	**0.40**	(0.06)
	Netherlands	2.93	(0.04)	2.91	(0.04)	0.02	(0.06)	0.68	(0.05)	0.62	(0.03)	0.05	(0.06)
	New Zealand	4.38	(0.03)	4.66	(0.13)	**-0.28**	(0.14)	0.65	(0.03)	0.66	(0.06)	-0.01	(0.07)
	Norway	3.58	(0.04)	3.98	(0.10)	**-0.39**	(0.12)	1.16	(0.02)	1.03	(0.10)	0.14	(0.10)
	Poland	4.63	(0.03)	4.86	(0.12)	-0.23	(0.13)	0.71	(0.03)	0.57	(0.08)	0.14	(0.08)
	Portugal	3.25	(0.03)	3.41	(0.08)	-0.16	(0.08)	0.57	(0.02)	0.55	(0.08)	0.01	(0.08)
	Slovak Republic	3.13	(0.06)	3.01	(0.29)	0.13	(0.30)	0.90	(0.03)	0.69	(0.07)	**0.21**	(0.08)
	Spain	3.54	(0.03)	3.72	(0.05)	**-0.17**	(0.05)	0.64	(0.03)	0.48	(0.03)	**0.16**	(0.04)
	Sweden	3.14	(0.03)	2.90	(0.17)	0.24	(0.17)	0.68	(0.02)	0.68	(0.10)	0.00	(0.11)
	Switzerland	3.67	(0.04)	3.54	(0.16)	0.14	(0.17)	0.49	(0.02)	0.50	(0.06)	-0.01	(0.07)
	Turkey	3.96	(0.06)	4.97	(0.17)	**-1.01**	(0.18)	1.81	(0.05)	2.04	(0.19)	-0.23	(0.20)
	United Kingdom	3.86	(0.04)	4.01	(0.20)	-0.15	(0.20)	0.60	(0.02)	0.30	(0.04)	**0.30**	(0.05)
	United States	3.60	(0.04)	4.09	(0.15)	**-0.48**	(0.16)	1.13	(0.03)	0.89	(0.09)	**0.24**	(0.09)
	OECD average	3.74	(0.01)	3.87	(0.03)	**-0.12**	(0.03)	0.84	(0.01)	0.76	(0.02)	**0.09**	(0.02)
Partners	Argentina	2.25	(0.05)	2.65	(0.09)	**-0.40**	(0.11)	0.50	(0.03)	0.30	(0.04)	**0.19**	(0.04)
	Azerbaijan	3.69	(0.05)	3.47	(0.24)	0.22	(0.25)	1.79	(0.05)	2.27	(0.23)	**-0.47**	(0.23)
	Brazil	3.03	(0.05)	3.56	(0.07)	**-0.53**	(0.09)	1.21	(0.03)	1.02	(0.07)	**0.18**	(0.07)
	Bulgaria	m	m	m	m	m	m	m	m	m	m	m	m
	Chile	3.09	(0.08)	3.71	(0.08)	**-0.62**	(0.12)	1.06	(0.04)	0.94	(0.05)	0.12	(0.07)
	Colombia	3.90	(0.06)	4.09	(0.14)	-0.19	(0.16)	1.21	(0.03)	0.89	(0.07)	**0.32**	(0.08)
	Croatia	3.33	(0.03)	3.53	(0.00)	**-0.21**	(0.03)	0.39	(0.02)	0.57	(0.00)	**-0.19**	(0.02)
	Estonia	3.49	(0.04)	3.28	(0.19)	0.21	(0.19)	0.89	(0.03)	0.65	(0.13)	0.24	(0.14)
	Hong Kong-China	5.39	(0.15)	5.17	(0.05)	0.21	(0.16)	0.57	(0.07)	0.83	(0.03)	**-0.26**	(0.08)
	Indonesia	3.90	(0.07)	3.25	(0.08)	**0.65**	(0.11)	1.32	(0.05)	1.16	(0.06)	**0.16**	(0.06)
	Israel	3.07	(0.06)	2.94	(0.09)	0.13	(0.12)	1.45	(0.04)	1.04	(0.05)	**0.41**	(0.07)
	Jordan	3.52	(0.05)	3.70	(0.13)	-0.18	(0.14)	1.80	(0.04)	1.69	(0.10)	0.11	(0.11)
	Kyrgyzstan	2.74	(0.06)	2.89	(0.13)	-0.14	(0.15)	1.71	(0.03)	1.37	(0.26)	0.33	(0.27)
	Latvia	3.69	(0.04)	a	a	a	a	0.88	(0.03)	a	a	a	a
	Liechtenstein	3.65	(0.09)	c	c	c	c	0.33	(0.04)	c	c	c	c
	Lithuania	3.65	(0.04)	c	c	c	c	0.66	(0.02)	c	c	c	c
	Macao-China	4.93	(0.12)	5.33	(0.03)	**-0.40**	(0.12)	0.98	(0.11)	1.06	(0.03)	-0.08	(0.12)
	Montenegro	2.97	(0.04)	c	c	c	c	0.75	(0.02)	c	c	c	c
	Qatar	2.75	(0.03)	3.72	(0.07)	**-0.96**	(0.08)	1.60	(0.03)	1.54	(0.06)	0.06	(0.07)
	Romania	3.30	(0.06)	a	a	a	a	1.52	(0.03)	a	a	a	a
	Russian Federation	2.04	(0.04)	a	a	a	a	0.82	(0.03)	a	a	a	a
	Serbia	3.18	(0.04)	c	c	c	c	0.93	(0.03)	c	c	c	c
	Slovenia	3.24	(0.03)	4.03	(0.11)	**-0.79**	(0.11)	0.74	(0.02)	0.46	(0.07)	**0.27**	(0.07)
	Chinese Taipei	4.44	(0.06)	4.23	(0.15)	0.21	(0.18)	0.69	(0.02)	0.70	(0.03)	-0.01	(0.04)
	Thailand	3.24	(0.03)	2.39	(0.06)	**0.85**	(0.06)	0.59	(0.03)	0.43	(0.02)	**0.16**	(0.04)
	Tunisia	3.18	(0.05)	1.81	(0.56)	**1.37**	(0.56)	1.78	(0.04)	1.73	(0.27)	0.05	(0.27)
	Uruguay	2.72	(0.04)	2.83	(0.06)	-0.11	(0.07)	0.69	(0.03)	0.43	(0.04)	**0.26**	(0.05)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.11c [Part 2/3] Mean learning hours and allocation of total learning time on the language of instruction, by public and private schools

		Mean learning hours per week											
		Individual study						Total learning hours					
		Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	w	w	w	w	w	w	w	w	w	w	w	w
	Austria	1.51	(0.04)	1.90	(0.09)	**-0.39**	(0.10)	4.59	(0.07)	5.34	(0.28)	**-0.75**	(0.29)
	Belgium	w	w	w	w	w	w	w	w	w	w	w	w
	Canada	1.77	(0.03)	1.61	(0.05)	**0.15**	(0.06)	7.13	(0.07)	6.55	(0.11)	**0.57**	(0.13)
	Czech Republic	1.16	(0.02)	1.17	(0.14)	-0.01	(0.14)	5.50	(0.05)	5.47	(0.31)	0.03	(0.33)
	Denmark	2.18	(0.03)	2.13	(0.08)	0.05	(0.09)	9.57	(0.07)	8.75	(0.25)	**0.82**	(0.27)
	Finland	1.13	(0.02)	1.25	(0.16)	-0.12	(0.16)	4.63	(0.07)	4.70	(0.36)	-0.07	(0.36)
	France	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	1.88	(0.03)	1.91	(0.12)	-0.03	(0.13)	6.18	(0.06)	5.86	(0.18)	0.32	(0.20)
	Greece	1.95	(0.03)	1.68	(0.09)	**0.28**	(0.10)	6.76	(0.08)	6.46	(0.13)	0.30	(0.16)
	Hungary	1.86	(0.03)	1.88	(0.12)	-0.01	(0.12)	6.38	(0.09)	6.43	(0.27)	-0.06	(0.29)
	Iceland	1.55	(0.02)	1.28	(0.18)	0.27	(0.18)	6.55	(0.04)	7.05	(0.38)	-0.51	(0.38)
	Ireland	1.70	(0.06)	1.79	(0.04)	-0.09	(0.07)	5.96	(0.11)	5.94	(0.08)	0.02	(0.14)
	Italy	2.97	(0.04)	2.53	(0.16)	**0.45**	(0.17)	8.41	(0.07)	7.62	(0.27)	**0.79**	(0.28)
	Japan	0.97	(0.04)	0.88	(0.05)	0.09	(0.06)	5.11	(0.09)	5.37	(0.12)	-0.27	(0.14)
	Korea	1.37	(0.05)	1.44	(0.05)	-0.07	(0.08)	7.15	(0.16)	7.55	(0.14)	-0.40	(0.25)
	Luxembourg	1.36	(0.02)	1.51	(0.05)	**-0.15**	(0.06)	5.46	(0.05)	5.62	(0.11)	-0.16	(0.12)
	Mexico	2.09	(0.03)	1.86	(0.07)	**0.23**	(0.07)	6.91	(0.08)	6.67	(0.14)	0.24	(0.15)
	Netherlands	1.34	(0.04)	1.32	(0.03)	0.01	(0.05)	4.94	(0.09)	4.86	(0.06)	0.08	(0.13)
	New Zealand	1.55	(0.03)	1.99	(0.09)	**-0.45**	(0.09)	6.58	(0.06)	7.31	(0.24)	**-0.73**	(0.24)
	Norway	1.44	(0.03)	1.46	(0.12)	-0.02	(0.13)	6.18	(0.06)	6.41	(0.16)	-0.22	(0.17)
	Poland	2.22	(0.03)	2.28	(0.08)	-0.06	(0.09)	7.56	(0.05)	7.70	(0.15)	-0.15	(0.16)
	Portugal	1.80	(0.03)	1.68	(0.08)	0.12	(0.09)	5.63	(0.05)	5.64	(0.17)	-0.01	(0.18)
	Slovak Republic	1.77	(0.03)	1.42	(0.07)	**0.34**	(0.08)	5.80	(0.09)	5.15	(0.37)	0.65	(0.38)
	Spain	1.84	(0.04)	1.97	(0.05)	**-0.13**	(0.05)	6.06	(0.06)	6.18	(0.08)	-0.12	(0.09)
	Sweden	1.24	(0.02)	1.45	(0.14)	-0.20	(0.15)	5.06	(0.05)	5.02	(0.32)	0.03	(0.33)
	Switzerland	1.40	(0.02)	1.45	(0.08)	-0.05	(0.09)	5.57	(0.06)	5.49	(0.15)	0.08	(0.17)
	Turkey	2.17	(0.05)	2.29	(0.40)	-0.12	(0.40)	7.93	(0.12)	9.25	(0.57)	**-1.32**	(0.57)
	United Kingdom	1.55	(0.03)	2.05	(0.15)	**-0.50**	(0.16)	6.02	(0.06)	6.37	(0.35)	-0.36	(0.35)
	United States	1.82	(0.03)	2.34	(0.17)	**-0.52**	(0.17)	6.59	(0.07)	7.29	(0.27)	**-0.70**	(0.29)
	OECD average	1.68	(0.01)	1.71	(0.02)	**-0.03**	(0.02)	6.27	(0.01)	6.33	(0.05)	-0.07	(0.05)
Partners	Argentina	1.63	(0.05)	1.64	(0.05)	-0.00	(0.06)	4.39	(0.09)	4.55	(0.13)	-0.15	(0.15)
	Azerbaijan	3.10	(0.05)	3.09	(0.16)	0.01	(0.17)	8.65	(0.11)	8.85	(0.38)	-0.19	(0.40)
	Brazil	1.75	(0.03)	1.73	(0.05)	0.02	(0.06)	5.96	(0.07)	6.29	(0.13)	**-0.33**	(0.15)
	Bulgaria	m	m	m	m	m	m	m	m	m	m	m	m
	Chile	1.58	(0.04)	1.55	(0.05)	0.03	(0.06)	5.75	(0.12)	6.23	(0.13)	**-0.48**	(0.20)
	Colombia	1.87	(0.04)	1.71	(0.10)	0.16	(0.10)	6.99	(0.09)	6.67	(0.26)	0.32	(0.28)
	Croatia	1.58	(0.03)	1.82	(0.01)	**-0.25**	(0.03)	5.31	(0.06)	5.92	(0.02)	**-0.60**	(0.06)
	Estonia	1.62	(0.03)	1.52	(0.06)	0.10	(0.06)	6.00	(0.06)	5.42	(0.35)	0.59	(0.36)
	Hong Kong-China	1.61	(0.12)	1.64	(0.04)	-0.04	(0.13)	7.56	(0.24)	7.65	(0.09)	-0.08	(0.25)
	Indonesia	1.88	(0.06)	1.68	(0.04)	**0.21**	(0.07)	7.09	(0.15)	6.06	(0.14)	**1.03**	(0.20)
	Israel	1.77	(0.05)	1.37	(0.06)	**0.40**	(0.08)	6.31	(0.11)	5.37	(0.15)	**0.94**	(0.19)
	Jordan	2.62	(0.05)	2.49	(0.10)	0.12	(0.11)	7.95	(0.10)	7.82	(0.19)	0.12	(0.21)
	Kyrgyzstan	2.34	(0.04)	2.18	(0.09)	0.16	(0.09)	6.86	(0.10)	6.50	(0.46)	0.36	(0.48)
	Latvia	2.01	(0.03)	a	a	a	a	6.58	(0.07)	a	a	a	a
	Liechtenstein	1.22	(0.06)	c	c	c	c	5.18	(0.11)	c	c	c	c
	Lithuania	1.82	(0.03)	c	c	c	c	6.12	(0.06)	c	c	c	c
	Macao-China	1.17	(0.09)	1.50	(0.03)	**-0.34**	(0.09)	7.09	(0.23)	7.89	(0.06)	**-0.81**	(0.23)
	Montenegro	2.01	(0.03)	c	c	c	c	5.73	(0.07)	c	c	c	c
	Qatar	2.03	(0.03)	2.15	(0.07)	-0.12	(0.08)	6.38	(0.07)	7.37	(0.13)	**-0.99**	(0.15)
	Romania	2.19	(0.04)	a	a	a	a	7.02	(0.10)	a	a	a	a
	Russian Federation	1.55	(0.04)	a	a	a	a	4.40	(0.07)	a	a	a	a
	Serbia	1.70	(0.03)	c	c	c	c	5.80	(0.07)	c	c	c	c
	Slovenia	1.47	(0.02)	1.61	(0.10)	-0.14	(0.10)	5.46	(0.05)	6.11	(0.19)	**-0.64**	(0.19)
	Chinese Taipei	1.84	(0.03)	1.62	(0.06)	**0.22**	(0.07)	7.01	(0.09)	6.60	(0.21)	0.42	(0.24)
	Thailand	1.79	(0.04)	1.26	(0.04)	**0.53**	(0.05)	5.62	(0.06)	4.08	(0.09)	**1.54**	(0.12)
	Tunisia	2.12	(0.04)	1.95	(0.32)	0.16	(0.33)	7.09	(0.10)	5.66	(1.13)	1.42	(1.13)
	Uruguay	1.35	(0.03)	1.36	(0.05)	-0.00	(0.06)	4.78	(0.07)	4.61	(0.12)	0.17	(0.14)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.11c [Part 3/3] Mean learning hours and allocation of total learning time on the language of instruction, by public and private schools

		Allocation of total learning time on the language of instruction for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)	
		%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.
OECD	Australia	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Austria	65.8	(0.5)	62.7	(1.2)	**3.1**	(1.4)	3.4	(0.3)	3.0	(0.8)	0.4	(0.9)	30.8	(0.4)	34.3	(1.3)	**-3.5**	(1.4)
	Belgium	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Canada	65.1	(0.3)	68.8	(0.8)	**-3.6**	(0.9)	11.1	(0.2)	7.9	(0.3)	**3.2**	(0.4)	23.8	(0.3)	23.3	(0.8)	0.5	(0.8)
	Czech Republic	71.7	(0.5)	70.4	(2.4)	1.3	(2.5)	9.0	(0.2)	9.4	(0.8)	-0.5	(0.9)	19.3	(0.4)	20.1	(1.9)	-0.8	(2.0)
	Denmark	62.0	(0.4)	63.2	(0.8)	-1.2	(0.9)	16.6	(0.3)	14.1	(0.6)	2.4	(0.6)	21.4	(0.2)	22.7	(0.4)	**-1.3**	(0.5)
	Finland	70.8	(0.4)	65.9	(2.9)	4.9	(2.9)	6.1	(0.2)	9.7	(1.6)	-3.6	(1.6)	23.1	(0.3)	24.5	(1.8)	-1.4	(1.8)
	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	62.4	(0.4)	63.3	(2.3)	-0.9	(2.3)	7.9	(0.3)	6.1	(1.2)	1.8	(1.3)	29.7	(0.3)	30.6	(1.5)	-0.9	(1.6)
	Greece	50.4	(0.5)	60.8	(1.6)	**-10.4**	(1.6)	21.9	(0.4)	15.4	(0.8)	**6.5**	(0.9)	27.7	(0.3)	23.8	(1.5)	**3.9**	(1.5)
	Hungary	53.0	(0.5)	54.2	(1.2)	-1.2	(1.4)	18.4	(0.4)	17.3	(1.1)	1.2	(1.2)	28.5	(0.3)	28.5	(0.8)	0.0	(0.8)
	Iceland	71.8	(0.3)	75.5	(3.1)	-3.8	(3.1)	6.0	(0.2)	8.1	(2.3)	-2.0	(2.3)	22.2	(0.2)	16.4	(1.8)	**5.8**	(1.8)
	Ireland	63.5	(0.8)	64.7	(0.5)	-1.2	(1.0)	9.6	(0.4)	7.2	(0.3)	**2.4**	(0.5)	26.8	(0.6)	28.1	(0.4)	-1.3	(0.7)
	Italy	57.1	(0.3)	57.7	(1.0)	-0.5	(1.1)	8.3	(0.2)	8.9	(1.1)	-0.7	(1.1)	34.6	(0.2)	33.4	(1.1)	1.2	(1.1)
	Japan	77.7	(0.6)	79.1	(0.7)	-1.4	(0.8)	6.3	(0.3)	6.4	(0.3)	-0.1	(0.5)	16.0	(0.5)	14.5	(0.6)	**1.5**	(0.7)
	Korea	66.7	(0.9)	66.0	(0.7)	0.6	(1.3)	16.1	(0.7)	16.9	(0.6)	-0.8	(1.0)	17.3	(0.4)	17.1	(0.3)	0.2	(0.6)
	Luxembourg	67.7	(0.4)	64.8	(0.8)	**2.9**	(0.9)	8.6	(0.3)	10.0	(0.7)	**-1.4**	(0.7)	23.7	(0.3)	25.2	(0.6)	**-1.5**	(0.6)
	Mexico	53.9	(0.4)	61.6	(1.4)	**-7.7**	(1.4)	15.4	(0.3)	10.1	(0.8)	**5.4**	(0.9)	30.7	(0.3)	28.4	(1.0)	**2.4**	(1.0)
	Netherlands	62.7	(0.9)	63.2	(0.5)	-0.5	(1.1)	11.3	(0.7)	10.6	(0.4)	0.7	(0.9)	26.1	(0.5)	26.2	(0.4)	-0.1	(0.7)
	New Zealand	70.3	(0.4)	67.4	(0.9)	**3.0**	(1.0)	8.0	(0.3)	6.9	(0.4)	**1.2**	(0.5)	21.6	(0.3)	25.7	(0.7)	**-4.1**	(0.7)
	Norway	62.0	(0.5)	65.3	(1.4)	**-3.3**	(1.5)	16.6	(0.3)	12.6	(0.9)	**4.0**	(0.9)	21.4	(0.3)	22.0	(1.1)	-0.6	(1.1)
	Poland	63.5	(0.3)	65.2	(1.5)	-1.7	(1.5)	8.5	(0.3)	6.3	(1.2)	2.2	(1.2)	27.9	(0.3)	28.5	(0.8)	-0.6	(0.9)
	Portugal	60.7	(0.4)	64.0	(1.8)	-3.3	(1.9)	8.7	(0.3)	8.4	(1.0)	0.3	(1.1)	30.6	(0.4)	27.6	(0.9)	**3.0**	(1.0)
	Slovak Republic	58.7	(0.5)	62.3	(1.9)	-3.6	(1.9)	12.9	(0.4)	10.9	(0.8)	**2.0**	(0.9)	28.4	(0.5)	26.8	(1.9)	1.7	(2.0)
	Spain	62.2	(0.5)	63.4	(0.4)	-1.2	(0.6)	9.0	(0.4)	6.6	(0.4)	**2.4**	(0.5)	28.8	(0.4)	30.0	(0.4)	**-1.2**	(0.5)
	Sweden	67.3	(0.5)	61.4	(2.5)	**5.9**	(2.6)	10.3	(0.3)	10.3	(0.9)	-0.0	(1.0)	22.5	(0.4)	28.3	(2.1)	**-5.9**	(2.1)
	Switzerland	67.7	(0.4)	66.0	(2.0)	1.7	(2.1)	7.0	(0.3)	7.6	(0.9)	-0.6	(1.0)	25.3	(0.2)	26.4	(1.7)	-1.1	(1.8)
	Turkey	54.6	(0.6)	57.4	(2.4)	-2.8	(2.6)	19.8	(0.4)	20.0	(0.4)	-0.2	(0.6)	25.6	(0.3)	22.5	(2.8)	3.1	(2.9)
	United Kingdom	67.8	(0.4)	65.7	(1.2)	2.1	(1.3)	8.0	(0.2)	3.7	(0.5)	**4.2**	(0.6)	24.2	(0.3)	30.6	(1.0)	**-6.4**	(1.1)
	United States	55.6	(0.6)	59.1	(1.9)	-3.5	(2.0)	16.4	(0.5)	10.5	(1.2)	**5.9**	(1.3)	28.0	(0.3)	30.4	(1.6)	-2.4	(1.6)
	OECD average	63.5	(0.1)	64.5	(0.3)	**-1.0**	(0.3)	11.1	(0.1)	9.7	(0.2)	**1.4**	(0.2)	25.4	(0.1)	25.8	(0.2)	-0.4	(0.3)
Partners	Argentina	52.7	(0.7)	59.6	(0.9)	**-6.9**	(1.1)	9.6	(0.5)	5.3	(0.7)	**4.2**	(0.7)	37.8	(0.6)	35.1	(0.7)	**2.7**	(0.9)
	Azerbaijan	44.9	(0.6)	44.7	(1.9)	0.2	(2.0)	19.3	(0.5)	22.2	(2.1)	-2.9	(2.1)	35.9	(0.5)	33.2	(1.2)	**2.7**	(1.3)
	Brazil	53.5	(0.5)	60.1	(1.0)	**-6.7**	(1.1)	18.4	(0.4)	13.9	(0.8)	**4.4**	(0.9)	28.2	(0.4)	25.9	(0.6)	**2.2**	(0.7)
	Bulgaria	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Chile	53.6	(0.8)	60.3	(0.8)	**-6.7**	(1.1)	16.9	(0.6)	13.8	(0.6)	**3.1**	(0.9)	29.5	(0.6)	25.9	(0.4)	**3.6**	(0.7)
	Colombia	59.5	(0.7)	64.2	(1.5)	**-4.7**	(1.6)	15.2	(0.4)	11.2	(0.8)	**3.9**	(1.0)	25.3	(0.5)	24.5	(0.9)	0.8	(1.0)
	Croatia	66.8	(0.4)	64.9	(0.1)	**1.9**	(0.5)	5.8	(0.2)	9.1	(0.0)	**-3.3**	(0.2)	27.4	(0.4)	26.0	(0.1)	**1.4**	(0.4)
	Estonia	61.7	(0.5)	63.7	(1.9)	-2.0	(1.9)	13.1	(0.4)	9.5	(1.7)	**3.6**	(1.7)	25.1	(0.3)	26.7	(0.7)	**-1.6**	(0.7)
	Hong Kong-China	74.7	(0.6)	70.6	(0.5)	**4.0**	(0.7)	6.0	(0.8)	9.3	(0.3)	**-3.3**	(0.8)	19.3	(1.2)	20.0	(0.3)	-0.7	(1.3)
	Indonesia	57.0	(0.8)	55.1	(0.7)	**2.0**	(0.8)	16.7	(0.5)	16.6	(0.9)	0.1	(0.8)	26.2	(0.5)	28.3	(0.6)	**-2.1**	(0.8)
	Israel	51.7	(0.8)	59.9	(1.2)	**-8.2**	(1.7)	21.1	(0.6)	16.5	(0.7)	**4.6**	(1.0)	27.1	(0.5)	23.6	(1.0)	**3.5**	(1.2)
	Jordan	43.5	(0.6)	46.5	(1.6)	-3.0	(1.7)	22.5	(0.5)	21.2	(1.1)	1.3	(1.2)	34.0	(0.4)	32.3	(1.0)	1.7	(1.1)
	Kyrgyzstan	39.7	(0.5)	47.6	(1.7)	**-7.9**	(1.7)	26.3	(0.5)	17.3	(3.4)	**9.0**	(3.5)	34.0	(0.4)	35.1	(3.1)	-1.1	(3.1)
	Latvia	59.2	(0.4)	a	a	a	a	11.4	(0.4)	a	a	a	a	29.3	(0.3)	a	a	a	a
	Liechtenstein	69.7	(1.3)	c	c	c	c	5.8	(0.7)	c	c	c	c	24.5	(1.0)	c	c	c	c
	Lithuania	62.2	(0.4)	c	c	c	c	9.9	(0.3)	c	c	c	c	27.8	(0.3)	c	c	c	c
	Macao-China	72.9	(1.5)	71.3	(0.3)	1.6	(1.5)	11.7	(1.1)	11.1	(0.2)	0.6	(1.1)	15.4	(0.9)	17.5	(0.3)	**-2.2**	(0.9)
	Montenegro	53.0	(0.4)	c	c	c	c	11.5	(0.3)	c	c	c	c	35.6	(0.4)	c	c	c	c
	Qatar	43.5	(0.4)	51.7	(0.8)	**-8.1**	(1.0)	24.1	(0.3)	20.1	(0.8)	**4.1**	(0.9)	32.3	(0.4)	28.3	(0.7)	**4.1**	(0.9)
	Romania	50.6	(0.6)	a	a	a	a	19.7	(0.4)	a	a	a	a	29.6	(0.3)	a	a	a	a
	Russian Federation	48.2	(0.6)	a	a	a	a	16.4	(0.6)	a	a	a	a	35.4	(0.5)	a	a	a	a
	Serbia	60.1	(0.5)	c	c	c	c	12.9	(0.4)	c	c	c	c	27.0	(0.3)	c	c	c	c
	Slovenia	60.7	(0.4)	68.6	(1.3)	**-7.9**	(1.4)	12.2	(0.3)	6.6	(1.0)	**5.6**	(1.0)	27.1	(0.3)	24.8	(1.1)	**2.3**	(1.1)
	Chinese Taipei	65.7	(0.4)	66.8	(0.8)	-1.1	(0.9)	8.6	(0.3)	9.4	(0.5)	-0.8	(0.6)	25.6	(0.3)	23.8	(0.4)	**1.9**	(0.5)
	Thailand	63.0	(0.4)	60.3	(0.7)	**2.7**	(0.8)	7.5	(0.3)	6.6	(0.4)	0.9	(0.5)	29.5	(0.3)	33.1	(0.7)	**-3.6**	(0.8)
	Tunisia	46.0	(0.7)	33.0	(5.6)	12.9	(5.6)	23.5	(0.5)	27.7	(3.2)	-4.2	(3.2)	30.5	(0.4)	39.2	(4.0)	**-8.7**	(4.0)
	Uruguay	60.0	(0.5)	64.7	(0.8)	**-4.7**	(0.9)	12.2	(0.4)	7.0	(0.5)	**5.1**	(0.7)	27.8	(0.4)	28.3	(0.6)	-0.5	(0.7)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.11d [Part 1/3] Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by public and private schools

		Mean learning hours per week															
		Regular school lessons								Out-of-school-time lessons							
		Public schools		Private schools		Difference (public-private)		Difference after accounting for ESCS and school average ESCS (public-private)		Public schools		Private schools		Difference (public-private)		Difference after accounting for ESCS and school average ESCS (public-private)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	w	w	w	w	w	w			w	w	w	w	w	w		
	Austria	8.52	(0.10)	8.92	(0.27)	-0.40	(0.30)	-0.23	(0.41)	0.95	(0.04)	0.88	(0.11)	0.07	(0.12)	0.01	(0.13)
	Belgium	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Canada	12.97	(0.12)	12.77	(0.26)	0.20	(0.30)	**1.37**	(0.38)	2.38	(0.05)	2.20	(0.11)	0.18	(0.12)	0.13	(0.13)
	Czech Republic	10.74	(0.11)	9.59	(0.42)	**1.15**	(0.44)	**1.42**	(0.29)	1.89	(0.04)	1.93	(0.29)	-0.04	(0.30)	-0.07	(0.31)
	Denmark	13.28	(0.09)	12.93	(0.26)	0.35	(0.29)	0.51	(0.31)	4.04	(0.08)	3.28	(0.18)	**0.76**	(0.20)	**0.72**	(0.20)
	Finland	9.71	(0.11)	9.67	(0.57)	0.04	(0.59)	0.25	(0.63)	1.04	(0.04)	1.67	(0.33)	-0.63	(0.33)	**-0.73**	(0.33)
	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	10.64	(0.09)	10.47	(0.62)	0.17	(0.63)	0.61	(0.60)	1.91	(0.06)	1.75	(0.27)	0.16	(0.28)	-0.33	(0.27)
	Greece	9.68	(0.11)	12.36	(0.44)	**-2.68**	(0.46)	0.21	(0.38)	5.91	(0.11)	4.66	(0.20)	**1.24**	(0.23)	**3.80**	(0.41)
	Hungary	8.91	(0.13)	9.50	(0.42)	-0.59	(0.47)	0.34	(0.38)	3.62	(0.07)	3.46	(0.21)	0.16	(0.23)	-0.06	(0.20)
	Iceland	12.25	(0.06)	13.84	(0.70)	**-1.59**	(0.69)	**-1.56**	(0.69)	1.49	(0.04)	1.69	(0.38)	-0.21	(0.38)	-0.09	(0.38)
	Ireland	9.64	(0.16)	9.84	(0.09)	-0.20	(0.18)	-0.02	(0.20)	1.85	(0.08)	1.53	(0.06)	**0.32**	(0.10)	0.14	(0.10)
	Italy	11.34	(0.10)	9.96	(0.39)	**1.38**	(0.43)	**1.72**	(0.36)	2.26	(0.04)	2.05	(0.18)	0.21	(0.18)	0.07	(0.18)
	Japan	10.50	(0.13)	11.32	(0.29)	**-0.82**	(0.31)	0.43	(0.28)	1.35	(0.07)	1.51	(0.07)	-0.16	(0.09)	-0.07	(0.09)
	Korea	12.68	(0.19)	12.85	(0.20)	-0.17	(0.32)	-0.30	(0.28)	4.70	(0.19)	4.80	(0.19)	-0.10	(0.34)	-0.30	(0.22)
	Luxembourg	9.69	(0.07)	9.84	(0.13)	-0.15	(0.15)	**-0.34**	(0.15)	1.89	(0.04)	2.15	(0.11)	**-0.26**	(0.12)	-0.15	(0.13)
	Mexico	10.63	(0.10)	11.94	(0.35)	**-1.31**	(0.37)	-0.11	(0.38)	3.45	(0.08)	2.40	(0.16)	**1.05**	(0.16)	0.27	(0.21)
	Netherlands	8.01	(0.17)	7.95	(0.11)	0.05	(0.24)	-0.00	(0.19)	1.98	(0.10)	1.83	(0.07)	0.14	(0.13)	0.18	(0.11)
	New Zealand	12.77	(0.09)	13.92	(0.40)	**-1.15**	(0.41)	-0.07	(0.32)	1.74	(0.06)	1.89	(0.17)	-0.15	(0.18)	-0.37	(0.19)
	Norway	9.58	(0.08)	10.72	(0.23)	**-1.14**	(0.26)	**-0.90**	(0.32)	3.15	(0.06)	2.56	(0.26)	**0.59**	(0.27)	**0.64**	(0.27)
	Poland	11.70	(0.09)	12.85	(0.24)	**-1.16**	(0.25)	-0.37	(0.23)	2.11	(0.05)	1.91	(0.24)	0.20	(0.24)	-0.07	(0.24)
	Portugal	10.01	(0.11)	10.69	(0.32)	**-0.68**	(0.34)	-0.18	(0.31)	1.99	(0.05)	2.03	(0.25)	-0.04	(0.25)	-0.12	(0.27)
	Slovak Republic	8.88	(0.15)	8.95	(0.69)	-0.07	(0.73)	0.61	(0.76)	2.44	(0.07)	2.03	(0.22)	0.41	(0.24)	**0.65**	(0.23)
	Spain	9.67	(0.09)	11.00	(0.16)	**-1.33**	(0.17)	**-0.70**	(0.17)	2.27	(0.07)	2.18	(0.10)	0.09	(0.13)	-0.10	(0.13)
	Sweden	9.08	(0.07)	8.28	(0.38)	**0.80**	(0.37)	**0.93**	(0.35)	1.79	(0.04)	1.74	(0.17)	0.06	(0.18)	-0.02	(0.18)
	Switzerland	9.97	(0.10)	9.63	(0.46)	0.34	(0.51)	**1.33**	(0.52)	1.57	(0.05)	1.72	(0.14)	-0.15	(0.15)	**-0.68**	(0.20)
	Turkey	10.62	(0.17)	12.79	(0.31)	**-2.17**	(0.36)	-0.46	(0.31)	5.21	(0.09)	5.76	(0.09)	**-0.55**	(0.12)	0.12	(0.28)
	United Kingdom	11.85	(0.09)	12.91	(0.49)	**-1.07**	(0.49)	-0.16	(0.49)	1.73	(0.05)	0.91	(0.14)	**0.82**	(0.15)	0.35	(0.22)
	United States	10.84	(0.13)	12.32	(0.39)	**-1.48**	(0.40)	-0.02	(0.38)	3.08	(0.07)	2.38	(0.22)	**0.70**	(0.22)	0.08	(0.21)
	OECD average	10.48	(0.02)	10.99	(0.07)	**-0.52**	(0.08)	**0.17**	(0.08)	2.48	(0.01)	2.29	(0.04)	**0.19**	(0.04)	**0.15**	(0.04)
Partners	Argentina	7.00	(0.16)	8.71	(0.21)	**-1.71**	(0.25)	-0.48	(0.32)	1.78	(0.08)	1.45	(0.10)	**0.33**	(0.13)	0.20	(0.18)
	Azerbaijan	10.36	(0.12)	11.67	(0.31)	**-1.31**	(0.34)	0.35	(0.59)	4.85	(0.10)	6.16	(0.51)	**-1.32**	(0.53)	**-1.24**	(0.60)
	Brazil	8.07	(0.11)	10.77	(0.21)	**-2.69**	(0.24)	**-0.88**	(0.33)	3.12	(0.08)	3.32	(0.18)	-0.20	(0.20)	-0.11	(0.25)
	Bulgaria	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Chile	8.20	(0.24)	10.10	(0.20)	**-1.89**	(0.31)	-0.31	(0.34)	2.91	(0.10)	2.72	(0.08)	0.19	(0.13)	0.00	(0.15)
	Colombia	11.46	(0.24)	12.66	(0.45)	**-1.20**	(0.51)	0.30	(0.74)	3.44	(0.08)	2.77	(0.15)	**0.66**	(0.17)	**0.43**	(0.22)
	Croatia	8.42	(0.09)	9.55	(0.01)	**-1.14**	(0.09)	**0.41**	(0.16)	1.57	(0.05)	2.34	(0.01)	**-0.77**	(0.05)	**-0.87**	(0.08)
	Estonia	10.96	(0.09)	10.48	(0.52)	0.48	(0.51)	**1.00**	(0.45)	2.65	(0.07)	1.47	(0.28)	**1.18**	(0.28)	**0.93**	(0.26)
	Hong Kong-China	13.87	(0.44)	13.54	(0.12)	0.32	(0.45)	-0.10	(0.35)	2.85	(0.19)	3.10	(0.08)	-0.25	(0.21)	-0.24	(0.21)
	Indonesia	11.74	(0.18)	9.81	(0.21)	**1.92**	(0.27)	**1.67**	(0.26)	3.87	(0.16)	3.34	(0.14)	**0.53**	(0.19)	**0.50**	(0.18)
	Israel	9.66	(0.12)	9.42	(0.26)	0.24	(0.31)	0.32	(0.28)	4.77	(0.10)	3.64	(0.17)	**1.13**	(0.21)	**1.03**	(0.21)
	Jordan	10.14	(0.14)	11.17	(0.31)	**-1.04**	(0.34)	-0.18	(0.33)	5.12	(0.10)	5.14	(0.25)	-0.02	(0.26)	-0.12	(0.27)
	Kyrgyzstan	7.75	(0.16)	9.15	(0.72)	-1.40	(0.75)	0.83	(1.07)	4.61	(0.09)	3.75	(0.78)	0.85	(0.81)	-0.08	(0.87)
	Latvia	11.06	(0.11)	a	a	a	a	a	a	2.72	(0.08)	a	a	a	a	a	a
	Liechtenstein	10.24	(0.21)	c	c	c	c	c	c	1.40	(0.11)	c	c	c	c	c	c
	Lithuania	9.82	(0.10)	c	c	c	c	c	c	1.94	(0.05)	c	c	c	c	c	c
	Macao-China	12.78	(0.27)	14.53	(0.07)	**-1.75**	(0.28)	**-1.48**	(0.29)	2.82	(0.28)	3.27	(0.07)	-0.46	(0.29)	-0.42	(0.31)
	Montenegro	8.94	(0.09)	c	c	c	c	c	c	2.70	(0.05)	c	c	c	c	c	c
	Qatar	8.27	(0.10)	11.01	(0.17)	**-2.75**	(0.21)	**-1.60**	(0.22)	4.90	(0.07)	4.91	(0.14)	-0.01	(0.15)	**-0.37**	(0.18)
	Romania	8.58	(0.15)	a	a	a	a	a	a	4.04	(0.07)	a	a	a	a	a	a
	Russian Federation	9.41	(0.13)	a	a	a	a	a	a	3.07	(0.07)	a	a	a	a	a	a
	Serbia	9.33	(0.11)	c	c	c	c	c	c	2.67	(0.06)	c	c	c	c	c	c
	Slovenia	9.33	(0.07)	12.57	(0.32)	**-3.23**	(0.31)	**-1.11**	(0.33)	2.48	(0.04)	1.82	(0.21)	**0.66**	(0.22)	0.21	(0.24)
	Chinese Taipei	11.92	(0.17)	10.77	(0.44)	**1.15**	(0.54)	**1.11**	(0.31)	3.32	(0.08)	2.40	(0.13)	**0.93**	(0.17)	**0.90**	(0.11)
	Thailand	11.08	(0.09)	8.70	(0.18)	**2.38**	(0.20)	**2.74**	(0.23)	2.50	(0.08)	1.85	(0.16)	**0.66**	(0.18)	**0.91**	(0.12)
	Tunisia	9.27	(0.11)	6.23	(0.82)	**3.04**	(0.83)	**3.32**	(0.78)	6.12	(0.06)	5.50	(0.35)	0.62	(0.35)	0.60	(0.35)
	Uruguay	8.15	(0.09)	10.24	(0.25)	**-2.09**	(0.27)	**-0.89**	(0.34)	2.11	(0.06)	1.93	(0.07)	**0.18**	(0.09)	**-0.29**	(0.14)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.11d [Part 2/3] Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by public and private schools

		Mean learning hours per week													
		Individual study								Total learning hours					
		Public schools		Private schools		Difference (public-private)		Difference after accounting for ESCS and school average ESCS (public-private)		Public schools		Private schools		Difference (public-private)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	w	w	w	w	w	w			w	w	w	w	w	w
	Austria	4.87	(0.08)	5.71	(0.18)	**-0.83**	(0.20)	**-0.88**	(0.22)	14.38	(0.17)	15.57	(0.31)	**-1.19**	(0.37)
	Belgium	w	w	w	w	**w**	w	w	w	w	w	w	w	**w**	w
	Canada	5.27	(0.08)	5.64	(0.15)	**-0.37**	(0.18)	**0.62**	(0.24)	20.72	(0.19)	20.58	(0.39)	0.14	(0.44)
	Czech Republic	3.50	(0.05)	3.08	(0.40)	0.42	(0.40)	0.44	(0.39)	16.09	(0.15)	14.67	(1.03)	1.42	(1.05)
	Denmark	4.99	(0.07)	4.99	(0.17)	-0.00	(0.20)	0.14	(0.20)	22.26	(0.16)	21.08	(0.51)	**1.18**	(0.57)
	Finland	3.39	(0.05)	4.13	(0.39)	-0.74	(0.39)	-0.73	(0.39)	14.12	(0.16)	15.59	(0.36)	**-1.47**	(0.37)
	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	5.84	(0.09)	5.91	(0.35)	-0.07	(0.37)	-0.12	(0.41)	18.44	(0.16)	18.13	(0.90)	0.31	(0.92)
	Greece	5.78	(0.09)	5.92	(0.19)	-0.14	(0.22)	**1.38**	(0.32)	21.38	(0.25)	23.08	(0.49)	**-1.70**	(0.58)
	Hungary	5.26	(0.09)	5.48	(0.26)	-0.23	(0.28)	0.01	(0.26)	17.81	(0.22)	18.46	(0.73)	-0.65	(0.80)
	Iceland	4.43	(0.05)	4.53	(0.57)	-0.10	(0.57)	-0.12	(0.56)	18.18	(0.09)	20.06	(0.93)	**-1.89**	(0.92)
	Ireland	4.55	(0.12)	4.82	(0.10)	-0.26	(0.15)	-0.19	(0.18)	15.96	(0.26)	16.19	(0.19)	-0.24	(0.32)
	Italy	7.60	(0.08)	6.08	(0.34)	**1.52**	(0.36)	**1.97**	(0.35)	21.21	(0.18)	18.26	(0.63)	**2.95**	(0.70)
	Japan	3.15	(0.11)	3.03	(0.15)	0.12	(0.18)	**0.84**	(0.20)	14.99	(0.23)	15.85	(0.44)	-0.86	(0.46)
	Korea	4.88	(0.23)	5.00	(0.16)	-0.12	(0.32)	-0.32	(0.20)	22.30	(0.53)	22.70	(0.46)	-0.40	(0.87)
	Luxembourg	4.26	(0.05)	4.73	(0.13)	**-0.47**	(0.14)	**-0.42**	(0.14)	15.86	(0.11)	16.67	(0.25)	**-0.81**	(0.28)
	Mexico	6.50	(0.09)	5.95	(0.18)	**0.56**	(0.19)	**0.60**	(0.23)	20.44	(0.21)	20.22	(0.36)	0.22	(0.39)
	Netherlands	4.08	(0.10)	3.96	(0.08)	0.12	(0.13)	0.09	(0.13)	14.04	(0.24)	13.71	(0.19)	0.33	(0.35)
	New Zealand	4.34	(0.07)	5.83	(0.17)	**-1.50**	(0.18)	**-0.66**	(0.18)	18.86	(0.14)	21.61	(0.45)	**-2.75**	(0.47)
	Norway	4.05	(0.06)	4.04	(0.47)	0.01	(0.47)	0.29	(0.46)	16.75	(0.13)	17.30	(0.42)	-0.55	(0.43)
	Poland	6.33	(0.07)	6.94	(0.17)	**-0.61**	(0.19)	**-0.64**	(0.30)	20.16	(0.14)	21.71	(0.28)	**-1.55**	(0.31)
	Portugal	5.84	(0.08)	5.82	(0.34)	0.01	(0.35)	0.09	(0.38)	17.86	(0.17)	18.58	(0.68)	-0.72	(0.70)
	Slovak Republic	4.85	(0.09)	4.37	(0.30)	0.48	(0.31)	**0.86**	(0.33)	16.19	(0.26)	15.46	(1.10)	0.72	(1.16)
	Spain	5.39	(0.09)	5.93	(0.13)	**-0.54**	(0.15)	-0.36	(0.18)	17.46	(0.18)	19.19	(0.28)	**-1.73**	(0.31)
	Sweden	3.53	(0.05)	4.04	(0.25)	**-0.51**	(0.25)	-0.41	(0.25)	14.40	(0.11)	14.03	(0.61)	0.37	(0.61)
	Switzerland	4.21	(0.04)	4.45	(0.20)	-0.24	(0.20)	-0.32	(0.22)	15.76	(0.14)	15.81	(0.60)	-0.05	(0.66)
	Turkey	6.10	(0.09)	6.35	(0.46)	-0.24	(0.46)	0.21	(0.55)	21.82	(0.30)	24.49	(0.26)	**-2.67**	(0.38)
	United Kingdom	4.42	(0.06)	5.87	(0.27)	**-1.45**	(0.28)	**-0.69**	(0.30)	18.02	(0.14)	19.78	(0.75)	**-1.76**	(0.75)
	United States	5.47	(0.06)	6.92	(0.39)	**-1.44**	(0.40)	**-0.82**	(0.35)	19.52	(0.16)	21.59	(0.61)	**-2.07**	(0.64)
	OECD average	4.89	(0.02)	5.14	(0.05)	**-0.25**	(0.06)	0.03	(0.06)	17.85	(0.04)	18.43	(0.11)	**-0.58**	(0.12)
Partners	Argentina	4.96	(0.12)	5.17	(0.13)	-0.21	(0.16)	-0.00	(0.24)	13.77	(0.29)	15.25	(0.28)	**-1.48**	(0.37)
	Azerbaijan	8.70	(0.13)	9.01	(0.34)	-0.31	(0.35)	0.19	(0.61)	24.07	(0.27)	26.85	(0.46)	**-2.78**	(0.52)
	Brazil	5.12	(0.08)	5.69	(0.15)	**-0.57**	(0.16)	**-0.62**	(0.26)	16.26	(0.20)	19.77	(0.39)	**-3.51**	(0.44)
	Bulgaria	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Chile	4.64	(0.12)	4.72	(0.11)	-0.08	(0.17)	0.03	(0.20)	15.86	(0.37)	17.60	(0.30)	**-1.74**	(0.49)
	Colombia	5.64	(0.11)	5.35	(0.18)	0.30	(0.21)	**0.61**	(0.24)	20.52	(0.32)	20.81	(0.65)	-0.28	(0.73)
	Croatia	4.85	(0.07)	5.25	(0.02)	**-0.40**	(0.08)	**0.48**	(0.15)	14.91	(0.14)	17.13	(0.04)	**-2.22**	(0.15)
	Estonia	5.13	(0.06)	4.12	(0.15)	**1.01**	(0.17)	**1.21**	(0.16)	18.77	(0.14)	15.98	(0.62)	**2.79**	(0.61)
	Hong Kong-China	5.26	(0.27)	5.34	(0.09)	-0.08	(0.29)	**-0.40**	(0.18)	22.01	(0.76)	21.97	(0.21)	0.04	(0.79)
	Indonesia	5.85	(0.14)	5.16	(0.12)	**0.70**	(0.21)	**0.72**	(0.20)	21.43	(0.34)	18.24	(0.37)	**3.19**	(0.51)
	Israel	5.69	(0.12)	4.53	(0.24)	**1.16**	(0.28)	**1.06**	(0.30)	20.23	(0.26)	17.64	(0.54)	**2.59**	(0.61)
	Jordan	7.88	(0.12)	7.97	(0.27)	-0.09	(0.29)	-0.14	(0.30)	23.18	(0.24)	24.05	(0.49)	-0.87	(0.55)
	Kyrgyzstan	6.70	(0.09)	6.51	(0.73)	0.19	(0.73)	-0.18	(0.74)	19.20	(0.24)	19.79	(1.91)	-0.59	(1.93)
	Latvia	6.25	(0.08)	a	a	a	a	a	a	20.03	(0.19)	a	a	a	a
	Liechtenstein	3.86	(0.14)	c	c	c	c	c	c	15.48	(0.24)	c	c	c	c
	Lithuania	5.26	(0.07)	c	c	c	c	c	c	17.01	(0.14)	c	c	c	c
	Macao-China	3.34	(0.21)	4.99	(0.07)	**-1.65**	(0.22)	**-0.66**	(0.25)	18.99	(0.57)	22.78	(0.15)	**-3.79**	(0.58)
	Montenegro	6.25	(0.08)	c	c	c	c	c	c	17.86	(0.16)	c	c	c	c
	Qatar	6.16	(0.06)	7.03	(0.15)	**-0.87**	(0.17)	**-0.82**	(0.20)	19.34	(0.19)	23.05	(0.32)	**-3.71**	(0.37)
	Romania	5.96	(0.10)	a	a	a	a	a	a	18.57	(0.26)	a	a	a	a
	Russian Federation	6.65	(0.12)	a	a	a	a	a	a	19.13	(0.24)	a	a	a	a
	Serbia	5.23	(0.08)	c	c	c	c	c	c	17.22	(0.19)	c	c	c	c
	Slovenia	4.92	(0.06)	5.72	(0.29)	**-0.80**	(0.30)	-0.34	(0.32)	16.78	(0.12)	20.15	(0.61)	**-3.38**	(0.61)
	Chinese Taipei	5.18	(0.10)	4.32	(0.20)	**0.86**	(0.24)	**0.83**	(0.15)	20.56	(0.30)	17.61	(0.74)	**2.95**	(0.90)
	Thailand	5.58	(0.09)	3.96	(0.16)	**1.62**	(0.18)	**1.72**	(0.18)	19.14	(0.18)	14.52	(0.37)	**4.63**	(0.42)
	Tunisia	7.31	(0.08)	5.98	(0.70)	1.34	(0.71)	1.32	(0.71)	22.74	(0.21)	17.97	(0.70)	**4.77**	(0.72)
	Uruguay	4.15	(0.07)	4.66	(0.15)	**-0.51**	(0.16)	-0.04	(0.26)	14.45	(0.16)	16.83	(0.39)	**-2.38**	(0.42)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.11d [Part 3/3] Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by public and private schools

		Allocation of total learning time in science, in mathematics and on the language of instruction for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)	
		%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.
OECD	Australia	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Austria	62.1	(0.4)	59.9	(1.1)	2.1	(1.2)	5.4	(0.2)	5.1	(0.6)	0.3	(0.6)	32.5	(0.4)	34.9	(1.1)	**-2.4**	(1.2)
	Belgium	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Canada	63.8	(0.3)	63.9	(0.7)	-0.1	(0.8)	11.1	(0.2)	9.3	(0.5)	**1.8**	(0.5)	25.0	(0.2)	26.8	(0.6)	**-1.7**	(0.6)
	Czech Republic	69.6	(0.4)	69.1	(2.5)	0.5	(2.6)	10.1	(0.2)	11.1	(1.3)	-1.0	(1.3)	20.3	(0.3)	19.8	(1.6)	0.4	(1.7)
	Denmark	62.0	(0.3)	63.8	(0.8)	-1.7	(0.9)	16.5	(0.3)	14.0	(0.6)	**2.5**	(0.6)	21.4	(0.2)	22.2	(0.4)	-0.8	(0.5)
	Finland	70.6	(0.3)	66.0	(2.9)	4.6	(2.9)	6.4	(0.2)	9.0	(1.6)	-2.7	(1.6)	23.0	(0.2)	25.0	(1.7)	-2.0	(1.7)
	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	59.6	(0.4)	59.8	(1.8)	-0.1	(1.9)	9.3	(0.3)	8.5	(1.4)	0.8	(1.4)	31.1	(0.3)	31.8	(0.8)	-0.7	(0.9)
	Greece	47.6	(0.4)	56.1	(1.2)	**-8.5**	(1.3)	26.1	(0.3)	19.4	(1.1)	**6.7**	(1.1)	26.3	(0.3)	24.5	(0.6)	**1.8**	(0.7)
	Hungary	52.2	(0.5)	53.5	(0.9)	-1.3	(1.1)	18.9	(0.3)	17.5	(0.9)	1.5	(1.0)	28.9	(0.3)	29.0	(0.6)	-0.1	(0.6)
	Iceland	69.7	(0.3)	71.3	(3.0)	-1.7	(3.0)	7.3	(0.2)	7.8	(1.6)	-0.6	(1.6)	23.1	(0.2)	20.9	(2.1)	2.2	(2.1)
	Ireland	63.0	(0.6)	63.7	(0.5)	-0.7	(0.8)	9.9	(0.4)	8.0	(0.3)	**1.9**	(0.5)	27.1	(0.5)	28.4	(0.4)	**-1.3**	(0.6)
	Italy	54.9	(0.2)	56.2	(0.8)	-1.4	(0.9)	9.9	(0.2)	10.2	(0.9)	-0.2	(0.9)	35.2	(0.2)	33.6	(0.9)	1.6	(0.9)
	Japan	74.4	(0.5)	74.9	(0.7)	-0.5	(0.8)	7.3	(0.3)	7.8	(0.3)	-0.5	(0.4)	18.3	(0.4)	17.3	(0.6)	1.0	(0.7)
	Korea	61.6	(0.9)	61.0	(0.8)	0.6	(1.5)	18.2	(0.6)	18.6	(0.5)	-0.3	(1.0)	20.1	(0.5)	20.4	(0.4)	-0.3	(0.7)
	Luxembourg	63.5	(0.3)	61.3	(0.7)	**2.3**	(0.8)	10.5	(0.2)	12.0	(0.6)	**-1.5**	(0.6)	26.0	(0.2)	26.7	(0.5)	-0.7	(0.6)
	Mexico	52.5	(0.3)	59.9	(1.2)	**-7.3**	(1.3)	15.4	(0.3)	10.9	(0.7)	**4.6**	(0.7)	32.0	(0.2)	29.2	(0.9)	**2.8**	(0.9)
	Netherlands	59.5	(0.8)	60.2	(0.5)	-0.6	(1.0)	12.6	(0.6)	12.1	(0.4)	0.5	(0.8)	27.9	(0.5)	27.7	(0.4)	0.2	(0.7)
	New Zealand	69.9	(0.4)	66.5	(0.7)	**3.4**	(0.8)	8.3	(0.3)	7.3	(0.7)	0.9	(0.8)	21.9	(0.2)	26.2	(0.5)	**-4.3**	(0.5)
	Norway	60.3	(0.4)	64.8	(2.1)	**-4.5**	(2.2)	17.1	(0.3)	12.4	(0.8)	**4.7**	(0.9)	22.6	(0.3)	22.8	(1.9)	-0.2	(1.9)
	Poland	59.9	(0.3)	61.4	(1.5)	-1.5	(1.4)	10.1	(0.3)	8.1	(1.2)	2.0	(1.2)	30.0	(0.3)	30.5	(0.6)	-0.5	(0.7)
	Portugal	58.0	(0.3)	60.4	(1.9)	-2.4	(1.9)	10.3	(0.2)	10.0	(0.9)	0.3	(0.9)	31.7	(0.3)	29.6	(1.1)	2.1	(1.1)
	Slovak Republic	58.7	(0.5)	62.0	(1.4)	**-3.3**	(1.5)	12.9	(0.3)	10.8	(0.9)	**2.1**	(1.0)	28.4	(0.3)	27.2	(1.4)	1.2	(1.4)
	Spain	58.6	(0.4)	59.8	(0.4)	**-1.2**	(0.6)	11.7	(0.3)	10.4	(0.4)	**1.3**	(0.5)	29.7	(0.3)	29.8	(0.3)	-0.1	(0.5)
	Sweden	66.6	(0.5)	61.5	(1.6)	**5.1**	(1.7)	10.3	(0.2)	10.7	(0.7)	-0.4	(0.7)	23.1	(0.4)	27.9	(1.2)	**-4.8**	(1.2)
	Switzerland	64.4	(0.3)	62.0	(1.6)	2.5	(1.7)	8.8	(0.2)	9.7	(0.7)	-0.8	(0.8)	26.7	(0.2)	28.3	(1.3)	-1.6	(1.4)
	Turkey	51.4	(0.4)	53.8	(1.2)	-2.4	(1.3)	21.6	(0.3)	22.1	(0.6)	-0.4	(0.7)	27.0	(0.2)	24.2	(1.8)	2.8	(1.8)
	United Kingdom	67.9	(0.4)	67.2	(0.7)	0.7	(0.8)	8.4	(0.2)	3.8	(0.6)	**4.6**	(0.6)	23.7	(0.2)	29.0	(0.5)	**-5.3**	(0.5)
	United States	55.4	(0.5)	58.7	(1.0)	**-3.3**	(1.0)	15.7	(0.4)	9.9	(1.0)	**5.8**	(1.0)	28.9	(0.2)	31.4	(1.2)	**-2.5**	(1.2)
	OECD average	61.5	(0.1)	62.3	(0.3)	**-0.8**	(0.3)	12.1	(0.1)	10.8	(0.2)	**1.3**	(0.2)	26.4	(0.1)	26.9	(0.2)	**-0.5**	(0.2)
Partners	Argentina	52.5	(0.5)	57.8	(0.8)	**-5.3**	(0.9)	11.5	(0.4)	9.0	(0.5)	**2.4**	(0.7)	36.0	(0.4)	33.2	(0.5)	**2.9**	(0.6)
	Azerbaijan	44.4	(0.5)	46.6	(1.4)	-2.2	(1.5)	19.7	(0.4)	21.4	(1.5)	-1.7	(1.6)	35.9	(0.3)	31.9	(0.8)	**4.0**	(0.9)
	Brazil	52.2	(0.4)	57.3	(0.9)	**-5.1**	(1.0)	17.5	(0.3)	15.2	(0.6)	**2.2**	(0.7)	30.3	(0.3)	27.4	(0.5)	**2.9**	(0.6)
	Bulgaria	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Chile	51.4	(0.8)	57.1	(0.5)	**-5.7**	(0.9)	18.2	(0.5)	14.9	(0.4)	**3.2**	(0.6)	30.5	(0.4)	28.0	(0.3)	**2.4**	(0.5)
	Colombia	58.8	(0.7)	62.9	(1.2)	**-4.2**	(1.4)	15.0	(0.3)	12.2	(0.7)	**2.8**	(0.8)	26.2	(0.5)	24.9	(0.7)	1.3	(0.8)
	Croatia	59.9	(0.4)	60.7	(0.1)	-0.8	(0.4)	9.6	(0.3)	12.7	(0.0)	**-3.1**	(0.3)	30.5	(0.3)	26.7	(0.1)	**3.9**	(0.4)
	Estonia	60.8	(0.4)	66.1	(1.8)	**-5.3**	(1.8)	13.3	(0.3)	8.8	(1.7)	**4.5**	(1.7)	25.9	(0.2)	25.1	(1.0)	0.8	(1.0)
	Hong Kong-China	65.5	(0.6)	64.0	(0.4)	**1.5**	(0.7)	11.7	(0.5)	13.0	(0.3)	**-1.3**	(0.6)	22.7	(0.7)	23.0	(0.3)	-0.2	(0.8)
	Indonesia	56.5	(0.9)	55.2	(0.8)	1.3	(1.0)	16.6	(0.6)	16.5	(0.7)	0.1	(0.6)	26.9	(0.5)	28.3	(0.5)	-1.4	(0.7)
	Israel	50.2	(0.6)	57.2	(1.2)	**-7.0**	(1.6)	22.7	(0.3)	19.0	(0.6)	**3.7**	(0.8)	27.1	(0.4)	23.8	(0.9)	**3.3**	(1.1)
	Jordan	43.1	(0.5)	45.1	(1.4)	-2.1	(1.4)	22.2	(0.4)	21.4	(1.0)	0.8	(1.0)	34.8	(0.4)	33.5	(0.6)	1.3	(0.7)
	Kyrgyzstan	39.7	(0.5)	50.3	(1.4)	**-10.6**	(1.5)	25.3	(0.5)	17.6	(3.3)	**7.8**	(3.5)	34.9	(0.3)	32.1	(2.3)	2.8	(2.3)
	Latvia	57.4	(0.3)	a	a	a	a	12.7	(0.3)	a	a	a	a	30.0	(0.3)	a	a	a	a
	Liechtenstein	66.1	(1.1)	c	c	c	c	8.6	(0.7)	c	c	c	c	25.3	(0.9)	c	c	c	c
	Lithuania	59.5	(0.3)	c	c	c	c	11.2	(0.3)	c	c	c	c	29.3	(0.2)	c	c	c	c
	Macao-China	70.3	(1.4)	66.5	(0.3)	**3.8**	(1.4)	13.0	(0.9)	12.8	(0.2)	0.1	(1.0)	16.7	(0.8)	20.6	(0.2)	**-3.9**	(0.8)
	Montenegro	50.8	(0.3)	c	c	c	c	14.6	(0.3)	c	c	c	c	34.6	(0.3)	c	c	c	c
	Qatar	42.3	(0.3)	48.1	(0.7)	**-5.8**	(0.8)	25.1	(0.2)	21.3	(0.6)	**3.8**	(0.6)	32.6	(0.2)	30.6	(0.5)	**2.0**	(0.6)
	Romania	48.7	(0.4)	a	a	a	a	20.5	(0.3)	a	a	a	a	30.9	(0.2)	a	a	a	a
	Russian Federation	50.9	(0.5)	a	a	a	a	15.7	(0.5)	a	a	a	a	33.5	(0.4)	a	a	a	a
	Serbia	57.7	(0.4)	c	c	c	c	13.9	(0.3)	c	c	c	c	28.5	(0.3)	c	c	c	c
	Slovenia	56.8	(0.3)	65.1	(1.2)	**-8.3**	(1.3)	14.0	(0.2)	8.3	(0.9)	**5.7**	(0.9)	29.2	(0.2)	26.6	(1.1)	**2.6**	(1.1)
	Chinese Taipei	60.2	(0.3)	63.8	(0.8)	**-3.6**	(0.9)	14.8	(0.2)	12.4	(0.5)	**2.4**	(0.6)	25.0	(0.2)	23.8	(0.4)	**1.2**	(0.5)
	Thailand	62.0	(0.4)	63.4	(0.6)	-1.4	(0.8)	10.6	(0.3)	8.7	(0.7)	**1.9**	(0.8)	27.4	(0.3)	27.8	(0.6)	-0.4	(0.7)
	Tunisia	41.6	(0.3)	37.8	(3.1)	3.8	(3.1)	26.4	(0.2)	30.0	(2.9)	-3.6	(2.9)	32.1	(0.2)	32.3	(1.8)	-0.2	(1.8)
	Uruguay	58.5	(0.4)	62.9	(0.6)	**-4.4**	(0.7)	13.1	(0.3)	10.2	(0.4)	**2.8**	(0.5)	28.4	(0.3)	26.9	(0.5)	**1.6**	(0.6)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.12a [Part 1/3] Mean learning hours and allocation of total learning time in science, by academic and vocational orientation of schools

		Mean learning hours per week											
		Regular school lessons						Out-of-school-time lessons					
		Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	3.40	(0.03)	1.91	(0.10)	**1.49**	(0.10)	0.37	(0.01)	0.28	(0.02)	**0.09**	(0.03)
	Austria	3.10	(0.09)	2.20	(0.08)	**0.90**	(0.12)	0.21	(0.03)	0.21	(0.02)	-0.00	(0.04)
	Belgium	3.47	(0.04)	1.58	(0.06)	**1.90**	(0.07)	0.33	(0.02)	0.32	(0.02)	0.01	(0.03)
	Canada	4.00	(0.04)	a	a	a	a	0.55	(0.01)	a	a	a	a
	Czech Republic	3.39	(0.07)	2.28	(0.11)	**1.11**	(0.12)	0.62	(0.02)	0.43	(0.03)	**0.19**	(0.04)
	Denmark	3.21	(0.04)	a	a	a	a	0.77	(0.02)	a	a	a	a
	Finland	3.13	(0.04)	a	a	a	a	0.32	(0.01)	a	a	a	a
	France	2.99	(0.05)	1.46	(0.14)	**1.53**	(0.16)	0.57	(0.02)	0.37	(0.04)	**0.20**	(0.05)
	Germany	3.11	(0.05)	1.27	(0.37)	**1.84**	(0.38)	0.51	(0.02)	0.43	(0.08)	0.08	(0.08)
	Greece	3.40	(0.05)	1.74	(0.08)	**1.66**	(0.10)	2.12	(0.05)	1.17	(0.09)	**0.95**	(0.11)
	Hungary	2.91	(0.08)	2.20	(0.05)	**0.72**	(0.09)	1.08	(0.05)	0.94	(0.03)	**0.14**	(0.06)
	Iceland	2.97	(0.02)	c	c	c	c	0.29	(0.01)	c	c	c	c
	Ireland	2.55	(0.04)	1.40	(0.30)	**1.16**	(0.30)	0.32	(0.01)	0.35	(0.13)	-0.03	(0.13)
	Italy	2.79	(0.11)	3.01	(0.04)	-0.21	(0.11)	0.49	(0.02)	0.65	(0.02)	**-0.16**	(0.03)
	Japan	2.92	(0.06)	2.02	(0.11)	**0.90**	(0.13)	0.25	(0.01)	0.28	(0.03)	-0.03	(0.03)
	Korea	3.85	(0.07)	2.69	(0.16)	**1.16**	(0.17)	1.26	(0.05)	0.25	(0.03)	**1.00**	(0.06)
	Luxembourg	2.28	(0.02)	2.71	(0.09)	**-0.43**	(0.09)	0.50	(0.02)	0.51	(0.04)	-0.00	(0.04)
	Mexico	3.26	(0.05)	2.93	(0.05)	**0.34**	(0.06)	1.06	(0.04)	0.90	(0.02)	**0.16**	(0.04)
	Netherlands	2.55	(0.04)	1.24	(0.07)	**1.30**	(0.08)	0.52	(0.02)	0.57	(0.04)	-0.05	(0.05)
	New Zealand	4.06	(0.04)	a	a	a	a	0.41	(0.02)	a	a	a	a
	Norway	2.64	(0.03)	a	a	a	a	0.93	(0.02)	a	a	a	a
	Poland	2.72	(0.04)	a	a	a	a	0.62	(0.02)	a	a	a	a
	Portugal	3.23	(0.05)	3.06	(0.14)	0.17	(0.14)	0.65	(0.02)	0.52	(0.04)	**0.14**	(0.05)
	Slovak Republic	3.07	(0.09)	1.67	(0.10)	**1.39**	(0.14)	0.81	(0.03)	0.44	(0.04)	**0.37**	(0.05)
	Spain	3.12	(0.04)	a	a	a	a	0.68	(0.02)	a	a	a	a
	Sweden	2.81	(0.03)	c	c	c	c	0.50	(0.01)	c	c	c	c
	Switzerland	2.42	(0.04)	1.55	(0.13)	**0.88**	(0.13)	0.40	(0.01)	0.26	(0.05)	**0.14**	(0.06)
	Turkey	3.42	(0.14)	2.06	(0.10)	**1.35**	(0.17)	1.65	(0.08)	0.92	(0.05)	**0.72**	(0.10)
	United Kingdom	4.25	(0.04)	a	a	a	a	0.48	(0.02)	a	a	a	a
	United States	3.51	(0.05)	a	a	a	a	0.78	(0.02)	a	a	a	a
	OECD average	3.15	(0.01)	2.05	(0.03)	**1.01**	(0.04)	0.67	(0.01)	0.52	(0.01)	**0.21**	(0.01)
Partners	Argentina	2.26	(0.06)	2.13	(0.35)	0.13	(0.36)	0.49	(0.02)	0.50	(0.18)	-0.02	(0.18)
	Azerbaijan	2.85	(0.06)	1.71	(0.37)	**1.13**	(0.38)	1.36	(0.03)	1.41	(0.38)	-0.04	(0.38)
	Brazil	2.21	(0.03)	a	a	a	a	0.79	(0.02)	a	a	a	a
	Bulgaria	2.94	(0.11)	2.28	(0.09)	**0.66**	(0.14)	0.96	(0.04)	1.01	(0.04)	-0.06	(0.06)
	Chile	2.38	(0.05)	0.71	(0.11)	**1.66**	(0.12)	0.84	(0.02)	0.33	(0.06)	**0.52**	(0.07)
	Colombia	3.53	(0.08)	3.35	(0.39)	0.19	(0.35)	0.95	(0.03)	0.98	(0.10)	-0.03	(0.10)
	Croatia	2.85	(0.07)	1.68	(0.05)	**1.17**	(0.09)	0.48	(0.03)	0.41	(0.02)	0.06	(0.04)
	Estonia	3.27	(0.04)	a	a	a	a	0.76	(0.02)	a	a	a	a
	Hong Kong-China	3.23	(0.06)	2.03	(0.17)	**1.20**	(0.17)	0.90	(0.03)	0.65	(0.07)	**0.25**	(0.08)
	Indonesia	3.41	(0.07)	2.38	(0.39)	**1.03**	(0.39)	1.14	(0.04)	0.59	(0.06)	**0.55**	(0.07)
	Israel	2.47	(0.06)	2.23	(0.10)	**0.24**	(0.12)	0.96	(0.03)	1.08	(0.07)	-0.12	(0.08)
	Jordan	3.25	(0.06)	a	a	a	a	1.52	(0.03)	a	a	a	a
	Kyrgyzstan	2.09	(0.07)	2.28	(0.26)	-0.19	(0.27)	1.36	(0.03)	1.18	(0.18)	0.19	(0.18)
	Latvia	2.83	(0.06)	3.74	(0.19)	**-0.91**	(0.19)	0.65	(0.02)	0.58	(0.09)	0.07	(0.09)
	Liechtenstein	2.57	(0.08)	a	a	a	a	0.52	(0.06)	a	a	a	a
	Lithuania	2.69	(0.04)	c	c	c	c	0.56	(0.02)	c	c	c	c
	Macao-China	3.75	(0.03)	3.39	(0.26)	0.36	(0.26)	1.00	(0.03)	0.77	(0.17)	0.23	(0.17)
	Montenegro	3.62	(0.06)	2.45	(0.05)	**1.17**	(0.07)	0.98	(0.04)	1.09	(0.03)	**-0.11**	(0.05)
	Qatar	2.66	(0.03)	a	a	a	a	1.48	(0.02)	a	a	a	a
	Romania	2.47	(0.07)	1.57	(0.07)	**0.91**	(0.09)	1.00	(0.02)	1.11	(0.05)	-0.11	(0.05)
	Russian Federation	3.78	(0.10)	3.41	(0.23)	0.37	(0.27)	1.13	(0.03)	1.10	(0.11)	0.03	(0.11)
	Serbia	3.97	(0.06)	2.46	(0.06)	**1.50**	(0.09)	0.85	(0.04)	0.76	(0.03)	0.09	(0.05)
	Slovenia	3.66	(0.05)	2.00	(0.03)	**1.67**	(0.06)	0.69	(0.03)	0.74	(0.02)	-0.05	(0.03)
	Chinese Taipei	3.54	(0.05)	1.70	(0.08)	**1.84**	(0.09)	1.02	(0.03)	0.35	(0.03)	**0.67**	(0.04)
	Thailand	4.08	(0.04)	2.28	(0.10)	**1.80**	(0.11)	1.04	(0.04)	0.17	(0.04)	**0.87**	(0.06)
	Tunisia	2.62	(0.05)	a	a	a	a	1.93	(0.03)	a	a	a	a
	Uruguay	2.52	(0.04)	1.49	(0.25)	**1.03**	(0.25)	0.63	(0.02)	0.47	(0.05)	**0.16**	(0.05)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.12a [Part 2/3] Mean learning hours and allocation of total learning time in science, by academic and vocational orientation of schools

		Mean learning hours per week											
		Individual study						Total learning hours					
		Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	1.23	(0.02)	0.71	(0.04)	**0.52**	(0.05)	4.99	(0.05)	2.88	(0.14)	**2.12**	(0.14)
	Austria	1.36	(0.06)	1.24	(0.04)	0.12	(0.07)	4.68	(0.12)	3.67	(0.11)	**1.01**	(0.17)
	Belgium	1.57	(0.03)	0.87	(0.03)	**0.71**	(0.04)	5.35	(0.05)	2.77	(0.10)	**2.58**	(0.11)
	Canada	1.55	(0.02)	a	a	a	a	6.13	(0.06)	a	a	a	a
	Czech Republic	1.14	(0.03)	0.80	(0.04)	**0.34**	(0.05)	5.14	(0.10)	3.50	(0.15)	**1.64**	(0.17)
	Denmark	1.09	(0.02)	a	a	a	a	5.06	(0.07)	a	a	a	a
	Finland	1.07	(0.02)	a	a	a	a	4.52	(0.06)	a	a	a	a
	France	1.38	(0.03)	0.67	(0.08)	**0.71**	(0.08)	4.95	(0.08)	2.50	(0.23)	**2.45**	(0.25)
	Germany	1.72	(0.03)	1.15	(0.19)	**0.57**	(0.19)	5.35	(0.07)	2.85	(0.55)	**2.50**	(0.56)
	Greece	1.92	(0.04)	1.40	(0.12)	**0.52**	(0.12)	7.43	(0.10)	4.35	(0.22)	**3.08**	(0.25)
	Hungary	1.79	(0.05)	1.45	(0.05)	**0.35**	(0.07)	5.79	(0.14)	4.58	(0.11)	**1.20**	(0.18)
	Iceland	1.16	(0.02)	c	c	c	c	4.43	(0.04)	c	c	c	c
	Ireland	1.21	(0.03)	0.86	(0.19)	0.35	(0.20)	4.07	(0.07)	2.71	(0.54)	**1.36**	(0.55)
	Italy	2.31	(0.08)	1.93	(0.03)	**0.38**	(0.09)	5.57	(0.20)	5.59	(0.07)	-0.03	(0.21)
	Japan	0.76	(0.03)	0.48	(0.03)	**0.28**	(0.04)	3.93	(0.08)	2.78	(0.15)	**1.15**	(0.17)
	Korea	1.40	(0.07)	0.62	(0.04)	**0.79**	(0.08)	6.51	(0.17)	3.57	(0.20)	**2.94**	(0.26)
	Luxembourg	1.23	(0.02)	1.39	(0.07)	**-0.16**	(0.07)	4.01	(0.04)	4.57	(0.15)	**-0.56**	(0.15)
	Mexico	2.16	(0.04)	2.05	(0.03)	**0.11**	(0.05)	6.44	(0.10)	5.84	(0.07)	**0.60**	(0.13)
	Netherlands	1.32	(0.03)	0.93	(0.05)	**0.40**	(0.06)	4.37	(0.07)	2.74	(0.13)	**1.63**	(0.16)
	New Zealand	1.28	(0.02)	a	a	a	a	5.74	(0.06)	a	a	a	a
	Norway	1.23	(0.02)	a	a	a	a	4.80	(0.05)	a	a	a	a
	Poland	2.02	(0.03)	a	a	a	a	5.36	(0.07)	a	a	a	a
	Portugal	2.13	(0.04)	1.82	(0.12)	**0.31**	(0.12)	6.02	(0.08)	5.38	(0.27)	**0.64**	(0.28)
	Slovak Republic	1.65	(0.05)	1.06	(0.06)	**0.59**	(0.07)	5.54	(0.13)	3.18	(0.18)	**2.36**	(0.23)
	Spain	1.74	(0.03)	a	a	a	a	5.56	(0.07)	a	a	a	a
	Sweden	1.16	(0.02)	0.56	(0.15)	**0.60**	(0.15)	4.47	(0.05)	c	c	c	c
	Switzerland	1.13	(0.02)	0.88	(0.09)	**0.25**	(0.09)	3.95	(0.06)	2.69	(0.22)	**1.26**	(0.23)
	Turkey	1.91	(0.07)	1.26	(0.06)	**0.64**	(0.09)	6.93	(0.28)	4.20	(0.20)	**2.73**	(0.34)
	United Kingdom	1.45	(0.02)	a	a	a	a	6.18	(0.05)	a	a	a	a
	United States	1.68	(0.03)	a	a	a	a	6.01	(0.06)	a	a	a	a
	OECD average	1.49	(0.01)	1.11	(0.02)	**0.42**	(0.02)	5.31	(0.02)	3.70	(0.05)	**1.61**	(0.06)
Partners	Argentina	1.60	(0.04)	1.45	(0.25)	0.15	(0.26)	4.33	(0.09)	4.10	(0.66)	0.23	(0.67)
	Azerbaijan	2.65	(0.05)	1.85	(0.46)	0.80	(0.47)	6.85	(0.10)	4.71	(0.82)	**2.14**	(0.83)
	Brazil	1.70	(0.02)	a	a	a	a	4.70	(0.06)	a	a	a	a
	Bulgaria	2.20	(0.09)	1.78	(0.06)	**0.42**	(0.10)	6.13	(0.20)	5.11	(0.14)	**1.02**	(0.23)
	Chile	1.55	(0.03)	0.53	(0.09)	**1.02**	(0.10)	4.79	(0.07)	1.57	(0.22)	**3.23**	(0.24)
	Colombia	1.79	(0.03)	2.01	(0.18)	-0.22	(0.19)	6.27	(0.11)	6.33	(0.66)	-0.06	(0.62)
	Croatia	2.15	(0.05)	1.19	(0.05)	**0.96**	(0.07)	5.49	(0.11)	3.29	(0.11)	**2.20**	(0.15)
	Estonia	1.54	(0.03)	a	a	a	a	5.57	(0.06)	a	a	a	a
	Hong Kong-China	1.49	(0.04)	0.75	(0.06)	**0.75**	(0.07)	5.61	(0.10)	3.45	(0.28)	**2.16**	(0.29)
	Indonesia	1.91	(0.03)	1.15	(0.05)	**0.76**	(0.06)	6.44	(0.12)	4.13	(0.39)	**2.31**	(0.38)
	Israel	1.35	(0.04)	1.36	(0.07)	-0.01	(0.10)	4.76	(0.11)	4.71	(0.19)	0.05	(0.23)
	Jordan	2.65	(0.04)	a	a	a	a	7.40	(0.09)	a	a	a	a
	Kyrgyzstan	2.15	(0.04)	1.68	(0.13)	**0.46**	(0.13)	5.64	(0.09)	5.20	(0.30)	0.44	(0.32)
	Latvia	1.80	(0.03)	1.84	(0.13)	-0.05	(0.14)	5.27	(0.09)	6.15	(0.33)	**-0.88**	(0.34)
	Liechtenstein	1.20	(0.06)	a	a	a	a	4.29	(0.10)	a	a	a	a
	Lithuania	1.69	(0.03)	c	c	c	c	4.94	(0.06)	c	c	c	c
	Macao-China	1.37	(0.03)	1.35	(0.21)	0.02	(0.21)	6.12	(0.06)	5.46	(0.46)	0.65	(0.46)
	Montenegro	2.66	(0.06)	1.98	(0.04)	**0.68**	(0.07)	7.25	(0.12)	5.50	(0.08)	**1.74**	(0.14)
	Qatar	2.04	(0.02)	a	a	a	a	6.21	(0.06)	a	a	a	a
	Romania	1.68	(0.06)	1.41	(0.06)	**0.27**	(0.08)	5.12	(0.13)	4.05	(0.14)	**1.07**	(0.18)
	Russian Federation	2.99	(0.06)	2.13	(0.17)	**0.85**	(0.18)	7.89	(0.15)	6.68	(0.40)	**1.21**	(0.45)
	Serbia	2.36	(0.07)	1.48	(0.04)	**0.88**	(0.08)	7.19	(0.14)	4.70	(0.10)	**2.50**	(0.17)
	Slovenia	1.76	(0.03)	1.32	(0.03)	**0.44**	(0.04)	6.11	(0.08)	4.08	(0.05)	**2.03**	(0.10)
	Chinese Taipei	1.53	(0.03)	0.71	(0.04)	**0.82**	(0.05)	6.12	(0.09)	2.76	(0.13)	**3.35**	(0.16)
	Thailand	1.96	(0.04)	0.93	(0.03)	**1.02**	(0.05)	7.07	(0.08)	3.38	(0.13)	**3.69**	(0.16)
	Tunisia	2.61	(0.04)	a	a	a	a	7.14	(0.10)	a	a	a	a
	Uruguay	1.39	(0.03)	0.77	(0.06)	**0.62**	(0.07)	4.56	(0.07)	2.73	(0.31)	**1.83**	(0.33)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.12a [Part 3/3] Mean learning hours and allocation of total learning time in science, by academic and vocational orientation of schools

		Allocation of total learning time in science for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)	
		%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.
OECD	Australia	71.2	(0.3)	68.2	(1.2)	**3.0**	(1.2)	6.1	(0.2)	8.7	(0.7)	**-2.6**	(0.7)	22.8	(0.2)	23.2	(0.8)	-0.4	(0.9)
	Austria	67.9	(1.1)	62.3	(0.7)	**5.6**	(1.3)	3.4	(0.5)	4.6	(0.3)	**-1.2**	(0.6)	28.7	(0.9)	33.1	(0.7)	**-4.3**	(1.1)
	Belgium	66.0	(0.4)	59.3	(0.7)	**6.8**	(0.7)	4.9	(0.2)	9.4	(0.4)	**-4.5**	(0.5)	29.1	(0.3)	31.3	(0.5)	**-2.2**	(0.6)
	Canada	66.3	(0.4)	a	a	a	a	8.5	(0.2)	a	a	a	a	25.2	(0.3)	a	a	a	a
	Czech Republic	68.3	(0.5)	69.5	(1.4)	-1.2	(1.5)	9.9	(0.4)	9.8	(0.6)	0.1	(0.7)	21.8	(0.4)	20.7	(1.0)	1.1	(1.0)
	Denmark	66.7	(0.5)	a	a	a	a	13.0	(0.3)	a	a	a	a	20.3	(0.3)	a	a	a	a
	Finland	70.9	(0.4)	a	a	a	a	5.9	(0.2)	a	a	a	a	23.1	(0.3)	a	a	a	a
	France	62.9	(0.5)	63.1	(2.2)	-0.2	(2.3)	10.7	(0.3)	11.5	(2.1)	-0.7	(2.1)	26.4	(0.4)	25.4	(1.4)	1.0	(1.3)
	Germany	58.2	(0.5)	44.8	(6.0)	**13.4**	(6.1)	8.4	(0.3)	13.5	(3.9)	-5.2	(3.9)	33.4	(0.3)	41.6	(6.3)	-8.2	(6.3)
	Greece	48.9	(0.5)	44.7	(2.5)	4.1	(2.5)	26.4	(0.4)	24.8	(1.7)	1.6	(1.8)	24.7	(0.4)	30.5	(1.2)	**-5.7**	(1.2)
	Hungary	52.1	(0.8)	51.1	(0.8)	1.0	(1.1)	17.6	(0.8)	18.1	(0.5)	-0.5	(0.9)	30.3	(0.5)	30.9	(0.5)	-0.5	(0.7)
	Iceland	70.1	(0.4)	c	c	c	c	5.1	(0.2)	c	c	c	c	24.8	(0.3)	c	c	c	c
	Ireland	66.3	(0.4)	59.1	(6.7)	7.2	(6.7)	6.1	(0.3)	8.5	(2.5)	-2.4	(2.6)	27.6	(0.4)	32.4	(6.1)	-4.8	(6.1)
	Italy	52.4	(0.3)	55.1	(0.4)	**-2.7**	(0.5)	7.3	(0.3)	10.5	(0.3)	**-3.2**	(0.4)	40.3	(0.2)	34.4	(0.4)	**5.9**	(0.4)
	Japan	78.2	(0.5)	79.1	(0.8)	-0.9	(0.9)	4.9	(0.2)	6.3	(0.4)	**-1.5**	(0.5)	17.0	(0.5)	14.6	(0.9)	**2.4**	(1.0)
	Korea	64.2	(0.7)	79.4	(1.1)	**-15.2**	(1.3)	16.2	(0.4)	5.2	(0.5)	**10.9**	(0.7)	19.6	(0.5)	15.4	(0.8)	**4.3**	(0.9)
	Luxembourg	59.9	(0.5)	59.2	(1.2)	0.7	(1.4)	9.9	(0.3)	10.7	(0.8)	-0.8	(0.9)	30.2	(0.4)	30.1	(0.9)	0.1	(1.1)
	Mexico	49.3	(0.5)	46.9	(0.5)	**2.4**	(0.7)	15.1	(0.4)	14.5	(0.3)	0.6	(0.5)	35.6	(0.5)	38.6	(0.4)	**-3.0**	(0.6)
	Netherlands	59.0	(0.6)	48.5	(1.4)	**10.4**	(1.5)	10.9	(0.4)	17.8	(0.7)	**-6.9**	(0.8)	30.1	(0.4)	33.7	(0.9)	**-3.5**	(1.0)
	New Zealand	73.1	(0.4)	a	a	a	a	6.2	(0.2)	a	a	a	a	20.7	(0.3)	a	a	a	a
	Norway	59.6	(0.5)	a	a	a	a	16.9	(0.3)	a	a	a	a	23.5	(0.3)	a	a	a	a
	Poland	53.2	(0.4)	a	a	a	a	10.3	(0.3)	a	a	a	a	36.5	(0.4)	a	a	a	a
	Portugal	54.2	(0.5)	57.8	(1.1)	**-3.6**	(1.2)	9.5	(0.3)	7.8	(0.7)	**1.8**	(0.7)	36.3	(0.4)	34.4	(1.0)	1.9	(1.1)
	Slovak Republic	58.6	(0.7)	58.9	(1.1)	-0.3	(1.3)	12.4	(0.4)	10.7	(0.8)	**1.7**	(0.8)	29.0	(0.6)	30.4	(0.6)	-1.4	(0.8)
	Spain	58.9	(0.3)	a	a	a	a	10.7	(0.3)	a	a	a	a	30.4	(0.3)	a	a	a	a
	Sweden	66.7	(0.6)	c	c	c	c	9.2	(0.2)	c	c	c	c	24.1	(0.5)	c	c	c	c
	Switzerland	62.3	(0.4)	57.9	(1.4)	**4.4**	(1.5)	8.3	(0.2)	7.3	(1.2)	1.0	(1.2)	29.4	(0.3)	34.8	(1.2)	**-5.4**	(1.3)
	Turkey	51.5	(0.8)	50.9	(0.7)	0.6	(1.0)	21.6	(0.5)	19.9	(0.7)	**1.7**	(0.8)	26.9	(0.5)	29.2	(0.8)	**-2.3**	(0.9)
	United Kingdom	70.7	(0.3)	a	a	a	a	6.8	(0.2)	a	a	a	a	22.5	(0.3)	a	a	a	a
	United States	58.5	(0.5)	a	a	a	a	12.5	(0.4)	a	a	a	a	28.9	(0.3)	a	a	a	a
	OECD average	62.2	(0.1)	58.7	(0.5)	**1.9**	(0.6)	10.5	(0.1)	11.6	(0.3)	-0.5	(0.3)	27.3	(0.1)	29.7	(0.5)	**-1.3**	(0.5)
Partners	Argentina	53.2	(0.8)	52.1	(3.9)	1.1	(3.9)	9.6	(0.4)	9.1	(2.3)	0.5	(2.3)	37.2	(0.6)	38.8	(3.7)	-1.6	(3.7)
	Azerbaijan	43.2	(0.6)	32.4	(4.2)	**10.8**	(4.3)	19.2	(0.5)	30.6	(7.3)	-11.4	(7.3)	37.6	(0.4)	37.0	(8.2)	0.6	(8.2)
	Brazil	50.3	(0.4)	a	a	a	a	14.1	(0.3)	a	a	a	a	35.6	(0.3)	a	a	a	a
	Bulgaria	49.9	(0.8)	47.6	(1.2)	2.3	(1.4)	14.6	(0.6)	18.2	(1.0)	**-3.5**	(1.2)	35.5	(0.6)	34.3	(0.6)	1.2	(0.8)
	Chile	49.0	(0.6)	48.2	(4.4)	0.8	(4.4)	16.4	(0.4)	18.3	(4.8)	-2.0	(4.6)	34.6	(0.4)	33.5	(3.9)	1.2	(3.8)
	Colombia	59.6	(0.6)	55.3	(1.5)	**4.4**	(1.5)	13.0	(0.4)	13.5	(0.9)	-0.6	(1.0)	27.4	(0.5)	31.2	(1.2)	**-3.8**	(1.4)
	Croatia	55.1	(0.8)	54.2	(0.7)	0.9	(1.1)	7.4	(0.5)	11.2	(0.5)	**-3.8**	(0.7)	37.5	(0.8)	34.6	(0.6)	**2.9**	(1.0)
	Estonia	61.5	(0.5)	a	a	a	a	12.6	(0.4)	a	a	a	a	25.9	(0.3)	a	a	a	a
	Hong Kong-China	60.9	(0.6)	61.9	(2.2)	-1.0	(2.2)	13.7	(0.4)	15.8	(0.9)	**-2.0**	(1.0)	25.4	(0.4)	22.3	(1.9)	3.0	(2.0)
	Indonesia	54.3	(0.5)	56.2	(5.0)	-1.9	(4.9)	15.7	(0.4)	15.1	(3.0)	0.6	(2.8)	30.0	(0.4)	28.7	(2.1)	1.3	(2.2)
	Israel	55.7	(0.8)	47.3	(2.5)	**8.4**	(2.8)	17.4	(0.4)	23.0	(1.5)	**-5.5**	(1.6)	26.9	(0.6)	29.7	(1.5)	-2.8	(1.7)
	Jordan	42.9	(0.6)	a	a	a	a	20.3	(0.4)	a	a	a	a	36.8	(0.4)	a	a	a	a
	Kyrgyzstan	35.2	(0.6)	45.8	(3.1)	**-10.5**	(3.1)	25.9	(0.6)	24.4	(4.2)	1.4	(4.2)	38.9	(0.4)	29.8	(1.7)	**9.1**	(1.7)
	Latvia	55.9	(0.5)	62.7	(1.7)	**-6.8**	(1.8)	10.5	(0.3)	7.4	(1.0)	**3.2**	(1.1)	33.6	(0.4)	30.0	(1.8)	3.6	(1.9)
	Liechtenstein	61.8	(1.4)	a	a	a	a	10.2	(1.0)	a	a	a	a	28.1	(1.3)	a	a	a	a
	Lithuania	57.1	(0.5)	c	c	c	c	10.0	(0.3)	c	c	c	c	32.9	(0.3)	c	c	c	c
	Macao-China	64.7	(0.4)	68.0	(3.2)	-3.3	(3.2)	14.6	(0.3)	11.1	(2.0)	3.4	(2.0)	20.7	(0.3)	20.9	(2.1)	-0.2	(2.1)
	Montenegro	51.3	(0.6)	44.5	(0.5)	**6.8**	(0.7)	12.3	(0.5)	18.1	(0.4)	**-5.8**	(0.7)	36.4	(0.6)	37.4	(0.6)	-1.0	(0.8)
	Qatar	40.7	(0.3)	a	a	a	a	24.8	(0.3)	a	a	a	a	34.5	(0.3)	a	a	a	a
	Romania	51.0	(0.6)	37.5	(1.1)	**13.4**	(1.3)	17.6	(0.5)	26.8	(1.3)	**-9.2**	(1.4)	31.5	(0.6)	35.7	(1.1)	**-4.3**	(1.3)
	Russian Federation	48.0	(0.6)	52.3	(1.9)	**-4.2**	(2.0)	14.8	(0.6)	16.6	(1.4)	-1.9	(1.5)	37.2	(0.5)	31.1	(1.3)	**6.1**	(1.3)
	Serbia	58.2	(0.8)	56.3	(0.7)	2.0	(1.2)	10.8	(0.5)	14.4	(0.5)	**-3.6**	(0.7)	31.0	(0.6)	29.3	(0.5)	1.7	(0.9)
	Slovenia	60.2	(0.6)	51.2	(0.6)	**9.0**	(0.9)	10.6	(0.4)	15.9	(0.4)	**-5.3**	(0.5)	29.3	(0.5)	33.0	(0.4)	**-3.7**	(0.7)
	Chinese Taipei	62.5	(0.4)	66.4	(1.0)	**-3.9**	(1.1)	13.3	(0.3)	9.8	(0.5)	**3.5**	(0.6)	24.2	(0.4)	23.8	(0.7)	0.4	(0.8)
	Thailand	62.9	(0.4)	69.5	(1.0)	**-6.5**	(1.1)	11.2	(0.4)	2.9	(0.6)	**8.3**	(0.7)	25.9	(0.3)	27.7	(0.9)	-1.8	(1.0)
	Tunisia	37.3	(0.4)	a	a	a	a	25.9	(0.4)	a	a	a	a	36.9	(0.4)	a	a	a	a
	Uruguay	56.3	(0.5)	54.3	(3.6)	2.0	(3.7)	11.8	(0.3)	14.8	(2.1)	-3.0	(2.1)	31.9	(0.4)	30.9	(2.6)	0.9	(2.7)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.12b [Part 1/3] Mean learning hours and allocation of total learning time in mathematics, by academic and vocational orientation of schools

		Mean learning hours per week											
		Regular school lessons						Out-of-school-time lessons					
		Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	4.15	(0.03)	3.69	(0.07)	**0.46**	(0.08)	0.74	(0.02)	0.81	(0.05)	-0.07	(0.05)
	Austria	3.48	(0.04)	3.11	(0.06)	**0.37**	(0.07)	0.61	(0.04)	0.46	(0.02)	**0.15**	(0.05)
	Belgium	4.34	(0.04)	2.64	(0.04)	**1.69**	(0.06)	0.55	(0.02)	0.55	(0.02)	0.01	(0.03)
	Canada	4.50	(0.04)	a	a	a	a	0.94	(0.02)	a	a	a	a
	Czech Republic	4.19	(0.04)	3.72	(0.09)	**0.48**	(0.10)	0.73	(0.02)	0.79	(0.04)	-0.06	(0.05)
	Denmark	4.44	(0.03)	a	a	a	a	1.36	(0.03)	a	a	a	a
	Finland	3.45	(0.04)	a	a	a	a	0.37	(0.02)	a	a	a	a
	France	3.96	(0.03)	2.70	(0.08)	**1.25**	(0.09)	0.94	(0.02)	0.76	(0.06)	**0.18**	(0.07)
	Germany	3.91	(0.04)	2.86	(0.27)	**1.05**	(0.28)	0.82	(0.03)	0.83	(0.28)	-0.01	(0.29)
	Greece	3.58	(0.04)	2.59	(0.07)	**0.99**	(0.08)	2.40	(0.06)	1.19	(0.11)	**1.21**	(0.13)
	Hungary	3.36	(0.06)	3.23	(0.05)	0.12	(0.08)	1.26	(0.05)	1.31	(0.04)	-0.04	(0.06)
	Iceland	4.74	(0.02)	c	c	c	c	0.72	(0.02)	c	c	c	c
	Ireland	3.66	(0.03)	3.08	(0.21)	**0.59**	(0.21)	0.72	(0.02)	0.62	(0.14)	0.10	(0.14)
	Italy	3.94	(0.06)	3.57	(0.04)	**0.37**	(0.07)	0.86	(0.03)	0.91	(0.03)	-0.05	(0.04)
	Japan	4.69	(0.07)	2.85	(0.11)	**1.84**	(0.14)	0.79	(0.04)	0.46	(0.03)	**0.33**	(0.05)
	Korea	4.96	(0.05)	3.82	(0.10)	**1.14**	(0.11)	2.72	(0.05)	0.81	(0.07)	**1.91**	(0.09)
	Luxembourg	3.98	(0.03)	3.02	(0.06)	**0.96**	(0.07)	0.86	(0.02)	0.64	(0.05)	**0.22**	(0.06)
	Mexico	3.96	(0.04)	3.91	(0.05)	0.05	(0.06)	1.24	(0.04)	1.05	(0.02)	**0.19**	(0.05)
	Netherlands	3.04	(0.04)	2.45	(0.07)	**0.60**	(0.07)	0.65	(0.02)	0.78	(0.04)	**-0.13**	(0.05)
	New Zealand	4.38	(0.03)	a	a	a	a	0.68	(0.02)	a	a	a	a
	Norway	3.39	(0.03)	a	a	a	a	1.05	(0.02)	a	a	a	a
	Poland	4.36	(0.04)	a	a	a	a	0.78	(0.02)	a	a	a	a
	Portugal	3.63	(0.04)	3.45	(0.12)	0.18	(0.12)	0.83	(0.02)	0.72	(0.06)	**0.12**	(0.06)
	Slovak Republic	3.88	(0.06)	2.52	(0.07)	**1.36**	(0.09)	1.08	(0.03)	0.64	(0.04)	**0.44**	(0.05)
	Spain	3.42	(0.03)	a	a	a	a	0.99	(0.02)	a	a	a	a
	Sweden	3.09	(0.03)	c	c	c	c	0.61	(0.02)	c	c	c	c
	Switzerland	3.98	(0.03)	2.15	(0.15)	**1.83**	(0.15)	0.72	(0.02)	0.50	(0.08)	**0.22**	(0.08)
	Turkey	4.25	(0.07)	3.20	(0.11)	**1.05**	(0.12)	2.41	(0.06)	1.59	(0.06)	**0.82**	(0.08)
	United Kingdom	3.78	(0.03)	a	a	a	a	0.63	(0.02)	a	a	a	a
	United States	3.77	(0.05)	a	a	a	a	1.15	(0.03)	a	a	a	a
	OECD average	3.94	(0.01)	3.08	(0.03)	**0.86**	(0.03)	1.01	(0.01)	0.81	(0.02)	**0.29**	(0.02)
Partners	Argentina	2.95	(0.06)	2.79	(0.43)	0.16	(0.43)	0.77	(0.03)	0.96	(0.21)	-0.19	(0.21)
	Azerbaijan	3.80	(0.06)	2.54	(0.54)	**1.26**	(0.54)	1.70	(0.05)	1.39	(0.42)	0.31	(0.42)
	Brazil	3.15	(0.04)	a	a	a	a	1.21	(0.03)	a	a	a	a
	Bulgaria	3.22	(0.10)	2.71	(0.07)	**0.51**	(0.12)	1.17	(0.05)	1.10	(0.05)	0.08	(0.06)
	Chile	3.52	(0.07)	2.58	(0.12)	**0.93**	(0.13)	1.00	(0.03)	0.79	(0.18)	0.21	(0.19)
	Colombia	4.20	(0.07)	4.26	(0.11)	-0.06	(0.13)	1.23	(0.04)	1.23	(0.08)	0.00	(0.10)
	Croatia	3.66	(0.05)	2.80	(0.05)	**0.86**	(0.07)	0.81	(0.04)	0.75	(0.03)	0.06	(0.05)
	Estonia	4.19	(0.04)	a	a	a	a	0.99	(0.03)	a	a	a	a
	Hong Kong-China	5.31	(0.04)	4.23	(0.13)	**1.07**	(0.14)	1.41	(0.04)	1.12	(0.10)	**0.29**	(0.11)
	Indonesia	4.05	(0.06)	4.29	(0.23)	-0.24	(0.23)	1.46	(0.05)	0.91	(0.07)	**0.55**	(0.08)
	Israel	4.18	(0.04)	3.83	(0.15)	**0.35**	(0.17)	2.13	(0.05)	2.28	(0.13)	-0.15	(0.14)
	Jordan	3.48	(0.05)	a	a	a	a	1.82	(0.04)	a	a	a	a
	Kyrgyzstan	2.88	(0.05)	2.86	(0.36)	0.02	(0.36)	1.55	(0.04)	1.52	(0.09)	0.04	(0.10)
	Latvia	4.49	(0.04)	4.39	(0.15)	0.11	(0.15)	1.21	(0.04)	0.86	(0.08)	**0.35**	(0.09)
	Liechtenstein	3.98	(0.08)	a	a	a	a	0.58	(0.05)	a	a	a	a
	Lithuania	3.50	(0.04)	c	c	c	c	0.74	(0.02)	c	c	c	c
	Macao-China	5.41	(0.03)	4.95	(0.15)	**0.46**	(0.15)	1.21	(0.03)	0.78	(0.10)	**0.43**	(0.10)
	Montenegro	3.69	(0.06)	2.80	(0.04)	**0.89**	(0.07)	0.88	(0.04)	0.95	(0.03)	-0.07	(0.06)
	Qatar	3.11	(0.03)	a	a	a	a	1.85	(0.03)	a	a	a	a
	Romania	3.23	(0.09)	2.25	(0.06)	**0.99**	(0.11)	1.51	(0.04)	1.46	(0.07)	0.05	(0.08)
	Russian Federation	3.74	(0.06)	2.91	(0.14)	**0.83**	(0.16)	1.15	(0.03)	0.99	(0.10)	0.16	(0.11)
	Serbia	3.87	(0.07)	3.06	(0.04)	**0.81**	(0.08)	1.04	(0.04)	0.95	(0.03)	0.09	(0.05)
	Slovenia	3.89	(0.04)	2.78	(0.03)	**1.11**	(0.05)	0.96	(0.03)	1.09	(0.03)	**-0.13**	(0.05)
	Chinese Taipei	4.77	(0.05)	3.30	(0.09)	**1.48**	(0.10)	1.91	(0.04)	0.83	(0.04)	**1.08**	(0.05)
	Thailand	4.04	(0.04)	2.27	(0.04)	**1.77**	(0.06)	1.05	(0.03)	0.19	(0.03)	**0.86**	(0.04)
	Tunisia	3.39	(0.04)	a	a	a	a	2.42	(0.03)	a	a	a	a
	Uruguay	3.32	(0.04)	3.28	(0.10)	0.04	(0.11)	0.85	(0.03)	0.76	(0.10)	0.09	(0.11)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.12b [Part 2/3] Mean learning hours and allocation of total learning time in mathematics, by academic and vocational orientation of schools

		Mean learning hours per week											
		Individual study						Total learning hours					
		Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	1.82	(0.03)	1.52	(0.05)	**0.30**	(0.06)	6.72	(0.05)	6.03	(0.12)	**0.69**	(0.13)
	Austria	2.42	(0.05)	2.01	(0.05)	**0.42**	(0.07)	6.54	(0.09)	5.60	(0.10)	**0.94**	(0.13)
	Belgium	2.17	(0.04)	1.33	(0.03)	**0.84**	(0.05)	7.05	(0.08)	4.55	(0.07)	**2.50**	(0.10)
	Canada	1.97	(0.03)	a	a	a	a	7.45	(0.07)	a	a	a	a
	Czech Republic	1.34	(0.03)	1.28	(0.06)	0.06	(0.07)	6.26	(0.06)	5.77	(0.16)	**0.48**	(0.17)
	Denmark	1.74	(0.02)	a	a	a	a	7.52	(0.06)	a	a	a	a
	Finland	1.20	(0.02)	a	a	a	a	5.02	(0.06)	a	a	a	a
	France	1.80	(0.03)	1.06	(0.06)	**0.74**	(0.06)	6.71	(0.06)	4.51	(0.15)	**2.20**	(0.16)
	Germany	2.28	(0.03)	1.96	(0.22)	0.32	(0.22)	7.03	(0.07)	5.72	(0.66)	**1.31**	(0.66)
	Greece	2.05	(0.03)	1.70	(0.13)	**0.35**	(0.14)	8.05	(0.10)	5.51	(0.26)	**2.54**	(0.29)
	Hungary	1.94	(0.05)	1.76	(0.04)	**0.18**	(0.07)	6.55	(0.12)	6.32	(0.12)	0.23	(0.17)
	Iceland	1.71	(0.02)	c	c	c	c	7.18	(0.05)	c	c	c	c
	Ireland	1.77	(0.03)	1.27	(0.22)	**0.50**	(0.22)	6.15	(0.06)	5.12	(0.36)	**1.03**	(0.35)
	Italy	2.88	(0.06)	2.17	(0.03)	**0.71**	(0.07)	7.68	(0.13)	6.66	(0.08)	**1.02**	(0.14)
	Japan	1.70	(0.07)	0.81	(0.04)	**0.89**	(0.08)	7.18	(0.16)	4.12	(0.15)	**3.06**	(0.22)
	Korea	2.70	(0.08)	1.03	(0.07)	**1.68**	(0.11)	10.39	(0.15)	5.69	(0.21)	**4.70**	(0.25)
	Luxembourg	1.74	(0.02)	1.53	(0.06)	**0.21**	(0.06)	6.61	(0.05)	5.19	(0.13)	**1.42**	(0.13)
	Mexico	2.29	(0.04)	2.20	(0.03)	0.09	(0.05)	7.45	(0.09)	7.14	(0.06)	**0.32**	(0.11)
	Netherlands	1.58	(0.03)	1.21	(0.06)	**0.37**	(0.06)	5.26	(0.07)	4.41	(0.14)	**0.85**	(0.15)
	New Zealand	1.59	(0.03)	a	a	a	a	6.66	(0.05)	a	a	a	a
	Norway	1.40	(0.03)	a	a	a	a	5.84	(0.06)	a	a	a	a
	Poland	2.09	(0.03)	a	a	a	a	7.23	(0.06)	a	a	a	a
	Portugal	1.98	(0.03)	1.85	(0.09)	0.13	(0.10)	6.44	(0.07)	6.03	(0.22)	0.41	(0.23)
	Slovak Republic	1.88	(0.04)	1.43	(0.05)	**0.45**	(0.07)	6.86	(0.11)	4.60	(0.14)	**2.26**	(0.17)
	Spain	1.96	(0.03)	a	a	a	a	6.41	(0.06)	a	a	a	a
	Sweden	1.18	(0.02)	0.77	(0.07)	**0.41**	(0.07)	4.89	(0.04)	c	c	c	c
	Switzerland	1.72	(0.02)	1.31	(0.08)	**0.40**	(0.08)	6.43	(0.05)	3.97	(0.27)	**2.46**	(0.27)
	Turkey	2.56	(0.06)	1.94	(0.08)	**0.62**	(0.10)	9.19	(0.16)	6.70	(0.21)	**2.49**	(0.27)
	United Kingdom	1.49	(0.02)	a	a	a	a	5.90	(0.05)	a	a	a	a
	United States	2.05	(0.03)	a	a	a	a	7.01	(0.07)	a	a	a	a
	OECD average	1.90	(0.01)	1.51	(0.02)	**0.48**	(0.02)	6.86	(0.02)	5.45	(0.05)	**1.63**	(0.06)
Partners	Argentina	1.81	(0.04)	2.26	(0.28)	-0.44	(0.28)	5.54	(0.10)	6.16	(0.64)	-0.62	(0.63)
	Azerbaijan	2.96	(0.06)	1.54	(0.26)	**1.42**	(0.27)	8.52	(0.13)	5.36	(0.93)	**3.16**	(0.93)
	Brazil	1.80	(0.03)	a	a	a	a	6.14	(0.07)	a	a	a	a
	Bulgaria	2.28	(0.09)	1.87	(0.07)	**0.41**	(0.10)	6.69	(0.21)	5.71	(0.14)	**0.98**	(0.22)
	Chile	1.61	(0.03)	1.30	(0.09)	**0.31**	(0.10)	6.16	(0.10)	4.68	(0.31)	**1.48**	(0.32)
	Colombia	1.90	(0.04)	2.07	(0.09)	-0.17	(0.09)	7.33	(0.11)	7.56	(0.21)	-0.23	(0.25)
	Croatia	2.22	(0.06)	1.64	(0.03)	**0.58**	(0.06)	6.70	(0.08)	5.24	(0.07)	**1.46**	(0.11)
	Estonia	1.96	(0.03)	a	a	a	a	7.15	(0.07)	a	a	a	a
	Hong Kong-China	2.31	(0.04)	1.37	(0.15)	**0.94**	(0.16)	9.03	(0.08)	6.76	(0.34)	**2.27**	(0.36)
	Indonesia	2.05	(0.03)	1.74	(0.07)	**0.30**	(0.08)	7.54	(0.11)	6.95	(0.24)	**0.59**	(0.24)
	Israel	2.31	(0.06)	2.41	(0.11)	-0.10	(0.12)	8.67	(0.12)	8.81	(0.33)	-0.14	(0.36)
	Jordan	2.69	(0.04)	a	a	a	a	7.96	(0.08)	a	a	a	a
	Kyrgyzstan	2.23	(0.03)	1.71	(0.13)	**0.51**	(0.13)	6.72	(0.09)	6.04	(0.43)	0.68	(0.43)
	Latvia	2.46	(0.04)	2.01	(0.14)	**0.45**	(0.14)	8.17	(0.09)	7.26	(0.30)	**0.91**	(0.30)
	Liechtenstein	1.49	(0.06)	a	a	a	a	6.04	(0.12)	a	a	a	a
	Lithuania	1.78	(0.03)	c	c	c	c	6.02	(0.05)	c	c	c	c
	Macao-China	2.07	(0.03)	1.77	(0.17)	0.30	(0.17)	8.69	(0.06)	7.47	(0.29)	**1.22**	(0.30)
	Montenegro	2.27	(0.06)	1.92	(0.04)	**0.34**	(0.07)	6.80	(0.11)	5.64	(0.09)	**1.16**	(0.15)
	Qatar	2.22	(0.02)	a	a	a	a	7.21	(0.06)	a	a	a	a
	Romania	2.24	(0.05)	1.91	(0.05)	**0.33**	(0.08)	6.99	(0.15)	5.61	(0.13)	**1.37**	(0.20)
	Russian Federation	2.33	(0.05)	1.56	(0.11)	**0.77**	(0.11)	7.23	(0.10)	5.50	(0.29)	**1.73**	(0.31)
	Serbia	2.16	(0.07)	1.69	(0.03)	**0.47**	(0.08)	7.07	(0.13)	5.69	(0.08)	**1.38**	(0.16)
	Slovenia	2.21	(0.04)	1.65	(0.03)	**0.57**	(0.05)	7.06	(0.09)	5.55	(0.06)	**1.52**	(0.11)
	Chinese Taipei	2.17	(0.04)	1.34	(0.06)	**0.83**	(0.08)	8.91	(0.10)	5.52	(0.17)	**3.39**	(0.20)
	Thailand	1.97	(0.03)	0.90	(0.02)	**1.07**	(0.04)	7.05	(0.07)	3.36	(0.06)	**3.69**	(0.10)
	Tunisia	2.57	(0.04)	a	a	a	a	8.38	(0.10)	a	a	a	a
	Uruguay	1.59	(0.03)	1.47	(0.12)	0.12	(0.12)	5.76	(0.07)	5.57	(0.24)	0.20	(0.24)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.12b [Part 3/3] Mean learning hours and allocation of total learning time in mathematics, by academic and vocational orientation of schools

		Allocation of total learning time in mathematics for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)	
		%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.
OECD	Australia	65.8	(0.3)	65.4	(0.9)	0.4	(0.9)	16.0	(0.5)	24.6	(2.1)	**-8.6**	(2.1)	25.2	(0.2)	23.2	(0.6)	**1.9**	(0.6)
	Austria	57.3	(0.7)	59.0	(0.6)	-1.7	(0.9)	18.0	(1.7)	15.6	(0.9)	2.4	(2.0)	35.0	(0.6)	34.8	(0.5)	0.2	(0.8)
	Belgium	63.9	(0.4)	62.1	(0.5)	**1.8**	(0.6)	11.6	(0.5)	20.5	(1.1)	**-8.9**	(1.3)	29.4	(0.4)	28.3	(0.4)	**1.1**	(0.5)
	Canada	63.3	(0.3)	a	a	a	a	18.6	(0.5)	a	a	a	a	25.2	(0.2)	a	a	a	a
	Czech Republic	70.6	(0.5)	69.9	(0.8)	0.7	(1.0)	21.1	(1.0)	29.6	(3.1)	**-8.5**	(3.3)	19.9	(0.4)	19.8	(0.7)	0.1	(0.8)
	Denmark	62.3	(0.3)	a	a	a	a	31.1	(0.9)	a	a	a	a	21.6	(0.2)	a	a	a	a
	Finland	71.1	(0.3)	a	a	a	a	9.0	(0.4)	a	a	a	a	22.9	(0.2)	a	a	a	a
	France	62.3	(0.3)	65.4	(1.2)	**-3.1**	(1.2)	26.1	(0.7)	34.0	(4.5)	-7.9	(4.7)	25.2	(0.3)	21.2	(1.0)	**4.0**	(0.9)
	Germany	58.6	(0.3)	52.8	(1.9)	**5.8**	(2.0)	20.1	(1.0)	34.2	(8.1)	-14.1	(8.2)	31.7	(0.3)	35.0	(1.5)	**-3.3**	(1.5)
	Greece	48.4	(0.5)	55.5	(1.9)	**-7.0**	(2.0)	38.7	(1.1)	34.5	(4.0)	4.2	(4.2)	24.3	(0.3)	27.2	(1.2)	**-2.9**	(1.2)
	Hungary	54.5	(0.7)	54.1	(0.5)	0.5	(0.9)	27.0	(1.2)	35.5	(1.6)	**-8.5**	(2.0)	28.5	(0.5)	27.6	(0.3)	1.0	(0.6)
	Iceland	69.4	(0.3)	c	c	c	c	19.1	(0.9)	c	c	c	c	22.1	(0.2)	c	c	c	c
	Ireland	63.6	(0.4)	67.1	(4.0)	-3.5	(4.0)	18.5	(0.9)	16.8	(5.9)	1.6	(5.8)	27.0	(0.3)	22.8	(2.9)	4.1	(2.9)
	Italy	54.1	(0.3)	55.7	(0.3)	**-1.6**	(0.5)	17.9	(0.8)	21.1	(0.8)	**-3.2**	(1.2)	36.3	(0.3)	32.5	(0.3)	**3.8**	(0.4)
	Japan	70.7	(0.7)	74.9	(0.8)	**-4.2**	(1.0)	21.9	(1.4)	13.0	(1.2)	**9.0**	(1.9)	20.5	(0.5)	17.1	(0.8)	**3.4**	(0.9)
	Korea	52.1	(0.5)	73.6	(1.1)	**-21.5**	(1.2)	46.9	(1.6)	23.5	(2.5)	**23.4**	(3.0)	23.9	(0.4)	16.0	(0.8)	**7.9**	(0.9)
	Luxembourg	63.4	(0.3)	62.7	(0.9)	0.7	(1.0)	27.0	(0.9)	18.3	(2.1)	**8.7**	(2.3)	25.3	(0.3)	27.8	(0.8)	**-2.5**	(0.8)
	Mexico	53.9	(0.5)	55.9	(0.5)	**-2.0**	(0.7)	22.7	(0.9)	22.1	(0.7)	0.6	(1.1)	31.3	(0.3)	30.6	(0.3)	0.7	(0.4)
	Netherlands	60.8	(0.5)	57.7	(1.0)	**3.1**	(1.2)	16.6	(0.7)	25.9	(1.6)	**-9.3**	(1.8)	28.6	(0.4)	26.1	(0.7)	**2.5**	(0.8)
	New Zealand	69.6	(0.4)	a	a	a	a	12.2	(0.5)	a	a	a	a	21.9	(0.3)	a	a	a	a
	Norway	62.2	(0.4)	a	a	a	a	23.0	(0.6)	a	a	a	a	21.9	(0.3)	a	a	a	a
	Poland	62.5	(0.3)	a	a	a	a	18.0	(0.7)	a	a	a	a	27.4	(0.3)	a	a	a	a
	Portugal	58.7	(0.4)	60.0	(0.9)	-1.3	(1.0)	15.6	(0.5)	12.6	(1.0)	**3.0**	(1.1)	29.5	(0.4)	30.2	(0.8)	-0.7	(0.9)
	Slovak Republic	60.5	(0.6)	60.7	(0.9)	-0.2	(1.1)	28.1	(1.1)	24.9	(2.2)	3.2	(2.3)	25.8	(0.5)	28.2	(0.6)	**-2.4**	(0.8)
	Spain	57.7	(0.3)	a	a	a	a	19.4	(0.5)	a	a	a	a	29.3	(0.3)	a	a	a	a
	Sweden	68.1	(0.5)	c	c	c	c	13.5	(0.4)	c	c	c	c	22.0	(0.4)	c	c	c	c
	Switzerland	64.1	(0.4)	56.2	(0.9)	**7.9**	(1.0)	23.9	(0.9)	22.1	(6.5)	1.8	(6.6)	26.3	(0.2)	33.9	(1.0)	**-7.6**	(1.0)
	Turkey	49.7	(0.5)	52.3	(0.7)	**-2.6**	(0.9)	41.9	(2.4)	46.7	(2.8)	-4.8	(3.7)	26.4	(0.4)	26.8	(0.5)	-0.4	(0.7)
	United Kingdom	67.1	(0.3)	a	a	a	a	11.0	(0.5)	a	a	a	a	24.0	(0.2)	a	a	a	a
	United States	55.4	(0.5)	a	a	a	a	23.9	(0.9)	a	a	a	a	29.2	(0.3)	a	a	a	a
	OECD average	61.4	(0.1)	61.1	(0.3)	**-1.5**	(0.3)	21.9	(0.2)	25.0	(0.8)	-0.8	(0.8)	26.3	(0.1)	26.8	(0.2)	**0.6**	(0.2)
Partners	Argentina	55.1	(0.6)	49.6	(3.5)	5.5	(3.6)	22.2	(1.1)	33.9	(5.2)	**-11.7**	(5.3)	32.6	(0.4)	35.9	(2.2)	-3.3	(2.2)
	Azerbaijan	47.1	(0.5)	50.5	(9.2)	-3.4	(9.2)	34.0	(1.3)	28.4	(7.5)	5.7	(7.8)	34.3	(0.5)	28.2	(3.9)	6.2	(3.9)
	Brazil	54.4	(0.5)	a	a	a	a	30.3	(0.9)	a	a	a	a	28.3	(0.4)	a	a	a	a
	Bulgaria	51.7	(0.7)	50.7	(0.9)	1.0	(1.1)	24.0	(1.0)	28.6	(1.6)	**-4.6**	(1.8)	32.8	(0.6)	32.0	(0.6)	0.8	(0.8)
	Chile	56.8	(0.5)	59.0	(2.4)	-2.2	(2.5)	26.2	(0.9)	34.8	(12.7)	-8.6	(12.9)	28.0	(0.4)	28.3	(1.9)	-0.3	(1.9)
	Colombia	60.5	(0.6)	62.1	(1.0)	-1.6	(1.0)	23.8	(0.9)	23.9	(3.1)	-0.1	(3.2)	25.1	(0.4)	24.9	(0.7)	0.2	(0.7)
	Croatia	59.1	(0.7)	58.0	(0.6)	1.0	(0.9)	17.4	(1.3)	23.4	(1.2)	**-6.0**	(1.7)	30.8	(0.7)	30.0	(0.5)	0.8	(0.8)
	Estonia	62.2	(0.4)	a	a	a	a	22.4	(0.7)	a	a	a	a	25.5	(0.3)	a	a	a	a
	Hong Kong-China	62.2	(0.4)	68.0	(2.3)	**-5.8**	(2.3)	24.0	(1.1)	32.7	(4.0)	**-8.7**	(4.3)	23.8	(0.3)	17.6	(1.6)	**6.2**	(1.6)
	Indonesia	55.7	(0.5)	64.1	(1.5)	**-8.5**	(1.6)	24.6	(0.8)	27.1	(4.5)	-2.5	(4.6)	26.9	(0.3)	24.7	(0.9)	**2.2**	(1.0)
	Israel	52.2	(0.7)	47.2	(1.6)	**5.0**	(1.7)	56.7	(2.0)	63.4	(3.9)	-6.7	(4.7)	25.0	(0.5)	27.9	(1.1)	**-2.9**	(1.2)
	Jordan	43.2	(0.5)	a	a	a	a	30.2	(0.9)	a	a	a	a	34.5	(0.4)	a	a	a	a
	Kyrgyzstan	41.8	(0.5)	52.3	(2.1)	**-10.5**	(2.1)	40.1	(1.4)	34.2	(4.7)	5.9	(4.8)	34.1	(0.4)	25.8	(1.7)	**8.3**	(1.7)
	Latvia	58.0	(0.4)	64.1	(1.8)	**-6.1**	(1.9)	30.4	(1.3)	17.7	(2.0)	**12.6**	(2.4)	28.6	(0.3)	24.7	(1.5)	**3.9**	(1.5)
	Liechtenstein	66.7	(1.2)	a	a	a	a	14.4	(1.4)	a	a	a	a	24.8	(1.0)	a	a	a	a
	Lithuania	60.7	(0.4)	c	c	c	c	19.1	(0.6)	c	c	c	c	27.8	(0.3)	c	c	c	c
	Macao-China	66.2	(0.4)	69.7	(1.6)	**-3.5**	(1.6)	23.9	(0.8)	16.6	(3.0)	**7.2**	(3.0)	21.9	(0.3)	22.5	(1.5)	-0.6	(1.5)
	Montenegro	55.9	(0.6)	50.7	(0.5)	**5.3**	(0.8)	16.2	(1.2)	23.1	(1.2)	**-7.0**	(1.8)	32.9	(0.6)	34.7	(0.5)	**-1.8**	(0.8)
	Qatar	43.3	(0.3)	a	a	a	a	38.5	(0.8)	a	a	a	a	31.6	(0.3)	c	c	c	c
	Romania	50.8	(0.7)	45.1	(1.0)	**5.8**	(1.3)	42.1	(2.3)	51.2	(4.8)	-9.1	(5.4)	30.4	(0.5)	a	a	a	a
	Russian Federation	53.3	(0.6)	57.8	(1.9)	**-4.5**	(2.0)	19.7	(0.9)	20.3	(2.0)	-0.6	(2.2)	31.0	(0.4)	26.3	(1.3)	**4.7**	(1.3)
	Serbia	59.0	(0.8)	59.4	(0.6)	-0.3	(1.0)	18.1	(1.2)	25.1	(1.2)	**-7.0**	(1.6)	28.6	(0.7)	27.4	(0.4)	1.2	(0.9)
	Slovenia	57.8	(0.5)	53.4	(0.5)	**4.4**	(0.7)	20.5	(1.1)	32.8	(1.1)	**-12.3**	(1.6)	30.5	(0.5)	29.6	(0.4)	0.9	(0.6)
	Chinese Taipei	57.1	(0.4)	64.7	(0.8)	**-7.6**	(0.9)	38.4	(0.9)	32.3	(1.7)	**6.1**	(1.8)	23.5	(0.2)	23.1	(0.5)	0.4	(0.6)
	Thailand	62.5	(0.4)	68.5	(1.0)	**-6.0**	(1.1)	13.8	(0.5)	5.2	(0.6)	**8.6**	(0.8)	25.7	(0.3)	27.7	(0.9)	**-2.1**	(0.9)
	Tunisia	41.7	(0.4)	a	a	a	a	44.7	(1.1)	a	a	a	a	31.2	(0.3)	a	a	a	a
	Uruguay	60.5	(0.4)	63.1	(1.8)	-2.6	(1.9)	23.0	(1.1)	26.5	(5.5)	-3.5	(5.7)	27.0	(0.3)	25.6	(1.3)	1.4	(1.3)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.12c [Part 1/3] Mean learning hours and allocation of total learning time on the language of instruction, by academic and vocational orientation of schools

		Mean learning hours per week											
		Regular school lessons						Out-of-school-time lessons					
		Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	4.09	(0.03)	3.83	(0.07)	**0.26**	(0.08)	0.64	(0.02)	0.81	(0.05)	**-0.17**	(0.05)
	Austria	3.21	(0.04)	2.73	(0.05)	**0.49**	(0.06)	0.18	(0.03)	0.26	(0.02)	**-0.08**	(0.04)
	Belgium	3.92	(0.03)	2.95	(0.04)	**0.97**	(0.05)	0.38	(0.02)	0.55	(0.02)	**-0.17**	(0.03)
	Canada	4.43	(0.04)	a	a	a	a	0.86	(0.02)	a	a	a	a
	Czech Republic	3.94	(0.04)	3.41	(0.05)	**0.53**	(0.06)	0.61	(0.02)	0.62	(0.03)	-0.01	(0.03)
	Denmark	5.50	(0.03)	a	a	a	a	1.68	(0.03)	a	a	a	a
	Finland	3.13	(0.05)	a	a	a	a	0.36	(0.01)	a	a	a	a
	France	4.10	(0.03)	3.15	(0.09)	**0.95**	(0.10)	0.77	(0.02)	0.77	(0.07)	-0.01	(0.08)
	Germany	3.67	(0.03)	3.02	(0.23)	**0.65**	(0.23)	0.61	(0.02)	0.57	(0.23)	0.04	(0.24)
	Greece	3.36	(0.04)	1.94	(0.07)	**1.42**	(0.08)	1.69	(0.04)	1.22	(0.08)	**0.48**	(0.09)
	Hungary	3.36	(0.07)	3.05	(0.05)	**0.31**	(0.09)	1.32	(0.05)	1.30	(0.03)	0.02	(0.06)
	Iceland	4.52	(0.02)	c	c	c	c	0.46	(0.02)	c	c	c	c
	Ireland	3.56	(0.03)	2.94	(0.24)	**0.61**	(0.23)	0.63	(0.02)	0.73	(0.20)	-0.10	(0.20)
	Italy	4.94	(0.05)	4.36	(0.04)	**0.58**	(0.07)	0.66	(0.03)	0.89	(0.03)	**-0.23**	(0.04)
	Japan	4.08	(0.05)	3.01	(0.08)	**1.07**	(0.09)	0.44	(0.02)	0.41	(0.03)	0.03	(0.04)
	Korea	4.70	(0.04)	3.70	(0.12)	**1.00**	(0.13)	1.72	(0.05)	0.55	(0.06)	**1.17**	(0.08)
	Luxembourg	3.65	(0.03)	2.51	(0.05)	**1.15**	(0.06)	0.63	(0.02)	0.35	(0.04)	**0.28**	(0.04)
	Mexico	3.74	(0.05)	3.72	(0.05)	0.01	(0.07)	1.15	(0.04)	1.00	(0.02)	**0.15**	(0.05)
	Netherlands	2.95	(0.03)	2.84	(0.05)	0.11	(0.06)	0.54	(0.02)	0.90	(0.04)	**-0.36**	(0.05)
	New Zealand	4.39	(0.03)	a	a	a	a	0.65	(0.03)	a	a	a	a
	Norway	3.60	(0.04)	a	a	a	a	1.16	(0.02)	a	a	a	a
	Poland	4.64	(0.03)	a	a	a	a	0.70	(0.03)	a	a	a	a
	Portugal	3.27	(0.03)	3.23	(0.06)	0.04	(0.07)	0.58	(0.02)	0.49	(0.05)	0.08	(0.05)
	Slovak Republic	3.66	(0.06)	2.44	(0.06)	**1.22**	(0.08)	1.03	(0.03)	0.70	(0.04)	**0.33**	(0.05)
	Spain	3.60	(0.03)	a	a	a	a	0.58	(0.02)	a	a	a	a
	Sweden	3.12	(0.03)	c	c	c	c	0.68	(0.02)	c	c	c	c
	Switzerland	3.76	(0.03)	2.12	(0.17)	**1.64**	(0.17)	0.50	(0.02)	0.34	(0.07)	**0.16**	(0.07)
	Turkey	4.46	(0.05)	3.30	(0.08)	**1.17**	(0.09)	1.96	(0.07)	1.60	(0.06)	**0.36**	(0.09)
	United Kingdom	3.89	(0.04)	a	a	a	a	0.59	(0.02)	a	a	a	a
	United States	3.64	(0.04)	a	a	a	a	1.11	(0.03)	a	a	a	a
	OECD average	3.90	(0.01)	3.07	(0.02)	**0.75**	(0.03)	0.83	(0.01)	0.74	(0.02)	**0.10**	(0.02)
Partners	Argentina	2.40	(0.05)	1.90	(0.32)	0.51	(0.32)	0.42	(0.03)	0.63	(0.19)	-0.21	(0.19)
	Azerbaijan	3.70	(0.05)	2.71	(0.43)	**0.98**	(0.43)	1.80	(0.05)	1.71	(0.44)	0.09	(0.44)
	Brazil	3.10	(0.04)	a	a	a	a	1.18	(0.03)	a	a	a	a
	Bulgaria	3.10	(0.06)	2.71	(0.07)	**0.39**	(0.08)	1.06	(0.05)	1.12	(0.04)	-0.05	(0.07)
	Chile	3.47	(0.06)	2.58	(0.13)	**0.89**	(0.15)	1.01	(0.03)	0.52	(0.09)	**0.49**	(0.10)
	Colombia	3.89	(0.05)	4.05	(0.19)	-0.16	(0.20)	1.15	(0.03)	1.13	(0.07)	0.02	(0.07)
	Croatia	3.81	(0.05)	3.14	(0.04)	**0.67**	(0.07)	0.26	(0.02)	0.44	(0.02)	**-0.17**	(0.03)
	Estonia	3.48	(0.04)	a	a	a	a	0.88	(0.03)	a	a	a	a
	Hong Kong-China	5.25	(0.05)	4.45	(0.14)	**0.80**	(0.15)	0.80	(0.03)	0.96	(0.11)	-0.16	(0.12)
	Indonesia	3.83	(0.05)	2.72	(0.19)	**1.11**	(0.18)	1.35	(0.03)	0.81	(0.06)	**0.54**	(0.07)
	Israel	3.10	(0.05)	2.64	(0.10)	**0.47**	(0.12)	1.32	(0.04)	1.40	(0.07)	-0.08	(0.08)
	Jordan	3.56	(0.05)	a	a	a	a	1.77	(0.04)	a	a	a	a
	Kyrgyzstan	2.75	(0.06)	2.61	(0.17)	0.13	(0.18)	1.71	(0.03)	1.38	(0.20)	0.33	(0.20)
	Latvia	3.71	(0.04)	3.16	(0.15)	**0.55**	(0.15)	0.89	(0.03)	0.60	(0.08)	**0.29**	(0.08)
	Liechtenstein	3.66	(0.08)	a	a	a	a	0.32	(0.04)	a	a	a	a
	Lithuania	3.66	(0.04)	c	c	c	c	0.65	(0.02)	c	c	c	c
	Macao-China	5.32	(0.03)	5.31	(0.15)	0.01	(0.15)	1.06	(0.03)	0.82	(0.14)	0.24	(0.14)
	Montenegro	3.53	(0.06)	2.64	(0.04)	**0.89**	(0.07)	0.61	(0.04)	0.81	(0.03)	**-0.20**	(0.05)
	Qatar	2.90	(0.03)	a	a	a	a	1.59	(0.03)	a	a	a	a
	Romania	3.64	(0.06)	2.17	(0.07)	**1.47**	(0.09)	1.52	(0.03)	1.50	(0.08)	0.02	(0.08)
	Russian Federation	2.06	(0.04)	1.91	(0.09)	0.15	(0.09)	0.84	(0.03)	0.68	(0.06)	**0.17**	(0.07)
	Serbia	3.86	(0.06)	2.93	(0.03)	**0.93**	(0.07)	0.91	(0.05)	0.93	(0.03)	-0.02	(0.06)
	Slovenia	3.68	(0.04)	2.83	(0.03)	**0.85**	(0.05)	0.60	(0.02)	0.86	(0.02)	**-0.27**	(0.03)
	Chinese Taipei	4.81	(0.04)	3.55	(0.08)	**1.26**	(0.09)	0.72	(0.03)	0.64	(0.04)	0.08	(0.04)
	Thailand	3.41	(0.02)	1.35	(0.06)	**2.06**	(0.06)	0.63	(0.03)	0.18	(0.02)	**0.45**	(0.03)
	Tunisia	3.14	(0.05)	a	a	a	a	1.78	(0.04)	a	a	a	a
	Uruguay	2.84	(0.03)	1.99	(0.11)	**0.84**	(0.11)	0.66	(0.02)	0.57	(0.08)	0.09	(0.08)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.12c [Part 2/3] Mean learning hours and allocation of total learning time on the language of instruction, by academic and vocational orientation of schools

		Mean learning hours per week											
		Individual study						Total learning hours					
		Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	1.72	(0.02)	1.64	(0.05)	0.08	(0.05)	6.45	(0.05)	6.27	(0.13)	0.18	(0.14)
	Austria	1.69	(0.07)	1.49	(0.04)	**0.21**	(0.08)	5.09	(0.10)	4.48	(0.09)	**0.61**	(0.13)
	Belgium	1.46	(0.02)	1.22	(0.03)	**0.24**	(0.03)	5.76	(0.05)	4.74	(0.06)	**1.01**	(0.07)
	Canada	1.74	(0.03)	a	a	a	a	7.06	(0.06)	a	a	a	a
	Czech Republic	1.19	(0.03)	1.12	(0.04)	0.07	(0.05)	5.73	(0.06)	5.14	(0.08)	**0.59**	(0.10)
	Denmark	2.16	(0.03)	a	a	a	a	9.34	(0.07)	a	a	a	a
	Finland	1.13	(0.02)	a	a	a	a	4.63	(0.07)	a	a	a	a
	France	1.56	(0.02)	1.07	(0.07)	**0.49**	(0.07)	6.44	(0.05)	5.01	(0.14)	**1.43**	(0.14)
	Germany	1.90	(0.03)	1.60	(0.20)	0.30	(0.21)	6.20	(0.05)	5.21	(0.58)	0.98	(0.59)
	Greece	2.01	(0.03)	1.47	(0.08)	**0.54**	(0.09)	7.07	(0.08)	4.65	(0.17)	**2.43**	(0.19)
	Hungary	1.99	(0.06)	1.77	(0.04)	**0.22**	(0.08)	6.66	(0.14)	6.14	(0.11)	**0.53**	(0.19)
	Iceland	1.54	(0.02)	c	c	c	c	6.54	(0.04)	c	c	c	c
	Ireland	1.76	(0.03)	1.44	(0.25)	0.31	(0.24)	5.95	(0.06)	5.27	(0.46)	0.69	(0.45)
	Italy	3.51	(0.07)	2.51	(0.04)	**1.00**	(0.08)	9.10	(0.13)	7.79	(0.08)	**1.30**	(0.15)
	Japan	1.03	(0.04)	0.69	(0.04)	**0.33**	(0.06)	5.54	(0.09)	4.12	(0.10)	**1.42**	(0.13)
	Korea	1.60	(0.03)	0.77	(0.04)	**0.82**	(0.05)	8.01	(0.10)	5.05	(0.18)	**2.96**	(0.21)
	Luxembourg	1.43	(0.02)	1.08	(0.05)	**0.35**	(0.06)	5.72	(0.04)	3.91	(0.11)	**1.80**	(0.12)
	Mexico	2.07	(0.04)	2.03	(0.03)	0.03	(0.05)	6.93	(0.10)	6.74	(0.06)	0.20	(0.12)
	Netherlands	1.33	(0.03)	1.33	(0.05)	-0.01	(0.06)	4.80	(0.06)	5.10	(0.11)	**-0.30**	(0.14)
	New Zealand	1.57	(0.03)	a	a	a	a	6.62	(0.06)	a	a	a	a
	Norway	1.44	(0.03)	a	a	a	a	6.19	(0.06)	a	a	a	a
	Poland	2.22	(0.03)	a	a	a	a	7.56	(0.05)	a	a	a	a
	Portugal	1.81	(0.03)	1.68	(0.07)	0.13	(0.08)	5.66	(0.06)	5.42	(0.12)	0.24	(0.14)
	Slovak Republic	1.82	(0.04)	1.64	(0.05)	**0.19**	(0.07)	6.51	(0.09)	4.78	(0.11)	**1.73**	(0.14)
	Spain	1.89	(0.03)	m	m	m	m	6.10	(0.05)	m	m	m	m
	Sweden	1.26	(0.02)	c	c	c	c	5.06	(0.06)	c	c	c	c
	Switzerland	1.43	(0.01)	1.01	(0.07)	**0.42**	(0.07)	5.70	(0.04)	3.46	(0.30)	**2.24**	(0.30)
	Turkey	2.32	(0.07)	1.97	(0.05)	**0.34**	(0.09)	8.72	(0.14)	6.86	(0.17)	**1.86**	(0.23)
	United Kingdom	1.59	(0.02)	a	a	**a**	a	6.08	(0.06)	a	a	a	a
	United States	1.87	(0.03)	a	a	a	a	6.65	(0.06)	a	a	a	a
	OECD average	1.73	(0.01)	1.45	(0.02)	**0.32**	(0.02)	6.46	(0.01)	5.27	(0.05)	**1.15**	(0.05)
Partners	Argentina	1.64	(0.04)	1.49	(0.17)	0.15	(0.16)	4.46	(0.08)	4.00	(0.61)	0.46	(0.60)
	Azerbaijan	3.12	(0.05)	1.80	(0.27)	**1.32**	(0.27)	8.68	(0.11)	6.22	(0.56)	**2.46**	(0.57)
	Brazil	1.74	(0.03)	a	a	a	a	6.01	(0.06)	a	a	a	a
	Bulgaria	2.17	(0.08)	1.92	(0.06)	**0.26**	(0.10)	6.35	(0.15)	5.77	(0.12)	**0.58**	(0.18)
	Chile	1.57	(0.03)	1.22	(0.10)	**0.35**	(0.10)	6.08	(0.09)	4.33	(0.26)	**1.75**	(0.28)
	Colombia	1.80	(0.04)	2.02	(0.08)	**-0.21**	(0.09)	6.87	(0.08)	7.18	(0.26)	-0.31	(0.27)
	Croatia	1.83	(0.06)	1.48	(0.04)	**0.35**	(0.07)	5.90	(0.11)	5.09	(0.07)	**0.82**	(0.13)
	Estonia	1.62	(0.03)	a	a	a	a	5.99	(0.06)	a	a	a	a
	Hong Kong-China	1.67	(0.04)	1.34	(0.10)	**0.32**	(0.11)	7.71	(0.08)	6.76	(0.31)	**0.94**	(0.33)
	Indonesia	1.87	(0.04)	1.49	(0.08)	**0.37**	(0.10)	7.04	(0.09)	5.01	(0.09)	**2.03**	(0.12)
	Israel	1.63	(0.05)	1.77	(0.09)	-0.14	(0.10)	6.05	(0.11)	5.96	(0.22)	0.10	(0.25)
	Jordan	2.59	(0.04)	a	a	a	a	7.92	(0.09)	a	a	a	a
	Kyrgyzstan	2.34	(0.04)	2.04	(0.08)	**0.30**	(0.09)	6.87	(0.09)	6.05	(0.39)	**0.82**	(0.39)
	Latvia	2.02	(0.03)	1.55	(0.12)	**0.48**	(0.13)	6.63	(0.07)	5.30	(0.27)	**1.32**	(0.28)
	Liechtenstein	1.24	(0.06)	a	a	a	a	5.21	(0.10)	a	a	a	a
	Lithuania	1.82	(0.03)	c	c	c	c	6.13	(0.06)	c	c	c	c
	Macao-China	1.49	(0.03)	1.57	(0.17)	-0.09	(0.17)	7.87	(0.06)	7.69	(0.36)	0.18	(0.36)
	Montenegro	2.15	(0.05)	1.91	(0.04)	**0.25**	(0.07)	6.27	(0.11)	5.37	(0.08)	**0.90**	(0.14)
	Qatar	2.04	(0.02)	a	a	a	a	6.51	(0.06)	a	a	a	a
	Romania	2.33	(0.04)	1.74	(0.05)	**0.59**	(0.07)	7.50	(0.10)	5.40	(0.17)	**2.09**	(0.20)
	Russian Federation	1.62	(0.04)	1.14	(0.06)	**0.47**	(0.05)	4.50	(0.07)	3.73	(0.17)	**0.77**	(0.17)
	Serbia	1.97	(0.06)	1.60	(0.03)	**0.37**	(0.07)	6.74	(0.12)	5.46	(0.06)	**1.28**	(0.14)
	Slovenia	1.55	(0.03)	1.40	(0.02)	**0.15**	(0.04)	5.83	(0.07)	5.13	(0.05)	**0.71**	(0.08)
	Chinese Taipei	1.95	(0.03)	1.44	(0.06)	**0.51**	(0.06)	7.51	(0.07)	5.67	(0.13)	**1.84**	(0.14)
	Thailand	1.84	(0.03)	0.91	(0.02)	**0.93**	(0.04)	5.87	(0.05)	2.44	(0.08)	**3.43**	(0.10)
	Tunisia	2.12	(0.04)	a	a	a	a	7.05	(0.10)	a	a	a	a
	Uruguay	1.40	(0.02)	0.98	(0.07)	**0.42**	(0.07)	4.90	(0.06)	3.61	(0.21)	**1.29**	(0.22)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.12c [Part 3/3] Mean learning hours and allocation of total learning time on the language of instruction, by academic and vocational orientation of schools

		Allocation of total learning time on the language of instruction for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)	
		%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.
OECD	Australia	65.8	(0.3)	65.4	(0.9)	0.4	(0.9)	9.0	(0.2)	11.4	(0.7)	**-2.4**	(0.7)	25.2	(0.2)	23.2	(0.6)	**1.9**	(0.6)
	Austria	57.3	(0.7)	59.0	(0.6)	-1.7	(0.9)	7.7	(0.5)	6.2	(0.3)	**1.5**	(0.5)	35.0	(0.6)	34.8	(0.5)	0.2	(0.8)
	Belgium	63.9	(0.4)	62.1	(0.5)	**1.8**	(0.6)	6.7	(0.3)	9.6	(0.4)	**-2.9**	(0.5)	29.4	(0.4)	28.3	(0.4)	**1.1**	(0.5)
	Canada	63.3	(0.3)	a	a	a	a	11.4	(0.2)	a	a	a	a	25.2	(0.2)	a	a	a	a
	Czech Republic	70.6	(0.5)	69.9	(0.8)	0.7	(1.0)	9.5	(0.3)	10.3	(0.3)	-0.8	(0.5)	19.9	(0.4)	19.8	(0.7)	0.1	(0.8)
	Denmark	62.3	(0.3)	a	a	a	a	16.0	(0.3)	a	a	a	a	21.6	(0.2)	a	a	a	a
	Finland	71.1	(0.3)	a	a	a	a	6.0	(0.2)	a	a	a	a	22.9	(0.2)	a	a	a	a
	France	62.3	(0.3)	65.4	(1.2)	**-3.1**	(1.2)	12.6	(0.2)	13.5	(0.8)	-0.9	(0.8)	25.2	(0.3)	21.2	(1.0)	**4.0**	(0.9)
	Germany	58.6	(0.3)	52.8	(1.9)	**5.8**	(2.0)	9.7	(0.3)	12.2	(2.9)	-2.5	(3.0)	31.7	(0.3)	35.0	(1.5)	**-3.3**	(1.5)
	Greece	48.4	(0.5)	55.5	(1.9)	**-7.0**	(2.0)	27.3	(0.5)	17.4	(1.0)	**9.9**	(1.2)	24.3	(0.3)	27.2	(1.2)	**-2.9**	(1.2)
	Hungary	54.5	(0.7)	54.1	(0.5)	0.5	(0.9)	16.9	(0.5)	18.3	(0.4)	**-1.4**	(0.7)	28.5	(0.5)	27.6	(0.3)	1.0	(0.6)
	Iceland	69.4	(0.3)	c	c	c	c	8.5	(0.2)	c	c	c	c	22.1	(0.2)	c	c	c	c
	Ireland	63.6	(0.4)	67.1	(4.0)	-3.5	(4.0)	9.5	(0.3)	10.1	(2.0)	-0.7	(2.0)	27.0	(0.3)	22.8	(2.9)	4.1	(2.9)
	Italy	54.1	(0.3)	55.7	(0.3)	**-1.6**	(0.5)	9.5	(0.3)	11.8	(0.3)	**-2.2**	(0.4)	36.3	(0.3)	32.5	(0.3)	**3.8**	(0.4)
	Japan	70.7	(0.7)	74.9	(0.8)	**-4.2**	(1.0)	8.9	(0.4)	8.1	(0.5)	0.8	(0.6)	20.5	(0.5)	17.1	(0.8)	**3.4**	(0.9)
	Korea	52.1	(0.5)	73.6	(1.1)	**-21.5**	(1.2)	24.0	(0.3)	10.3	(0.6)	**13.7**	(0.7)	23.9	(0.4)	16.0	(0.8)	**7.9**	(0.9)
	Luxembourg	63.4	(0.3)	62.7	(0.9)	0.7	(1.0)	11.4	(0.3)	9.5	(0.6)	**1.8**	(0.7)	25.3	(0.3)	27.8	(0.8)	**-2.5**	(0.8)
	Mexico	53.9	(0.5)	55.9	(0.5)	**-2.0**	(0.7)	14.8	(0.4)	13.5	(0.3)	**1.3**	(0.5)	31.3	(0.3)	30.6	(0.3)	0.7	(0.4)
	Netherlands	60.8	(0.5)	57.7	(1.0)	**3.1**	(1.2)	10.6	(0.3)	16.2	(0.7)	**-5.6**	(0.8)	28.6	(0.4)	26.1	(0.7)	**2.5**	(0.8)
	New Zealand	69.6	(0.4)	a	a	a	a	8.5	(0.3)	a	a	a	a	21.9	(0.3)	a	a	a	a
	Norway	62.2	(0.4)	a	a	a	a	15.9	(0.3)	a	a	a	a	21.9	(0.3)	a	a	a	a
	Poland	62.5	(0.3)	a	a	a	a	10.1	(0.3)	a	a	a	a	27.4	(0.3)	a	a	a	a
	Portugal	58.7	(0.4)	60.0	(0.9)	-1.3	(1.0)	11.9	(0.3)	9.9	(0.8)	**2.0**	(0.8)	29.5	(0.4)	30.2	(0.8)	-0.7	(0.9)
	Slovak Republic	60.5	(0.6)	60.7	(0.9)	-0.2	(1.1)	13.7	(0.3)	11.1	(0.5)	**2.6**	(0.6)	25.8	(0.5)	28.2	(0.6)	**-2.4**	(0.8)
	Spain	57.7	(0.3)	m	m	m	m	13.1	(0.2)	m	m	m	m	29.3	(0.3)	m	m	m	m
	Sweden	68.1	(0.5)	c	c	c	c	9.9	(0.2)	c	c	c	c	22.0	(0.4)	c	c	c	c
	Switzerland	64.1	(0.4)	56.2	(0.9)	**7.9**	(1.0)	9.6	(0.3)	9.9	(1.0)	-0.3	(1.0)	26.3	(0.2)	33.9	(1.0)	**-7.6**	(1.0)
	Turkey	49.7	(0.5)	52.3	(0.7)	**-2.6**	(0.9)	23.9	(0.5)	20.9	(0.7)	**3.0**	(0.8)	26.4	(0.4)	26.8	(0.5)	-0.4	(0.7)
	United Kingdom	67.1	(0.3)	a	a	a	a	8.9	(0.2)	a	a	a	a	24.0	(0.2)	a	a	a	a
	United States	55.4	(0.5)	a	a	a	a	15.4	(0.4)	a	a	a	a	29.2	(0.3)	a	a	a	a
	OECD average	61.4	(0.1)	61.1	(0.3)	**-1.5**	(0.3)	12.4	(0.1)	12.1	(0.2)	**0.9**	(0.2)	26.3	(0.1)	26.8	(0.2)	**0.6**	(0.2)
Partners	Argentina	55.1	(0.6)	49.6	(3.5)	5.5	(3.6)	12.3	(0.5)	14.5	(2.0)	-2.2	(2.1)	32.6	(0.4)	35.9	(2.2)	-3.3	(2.2)
	Azerbaijan	47.1	(0.5)	50.5	(9.2)	-3.4	(9.2)	18.6	(0.4)	21.3	(5.4)	-2.8	(5.5)	34.3	(0.5)	28.2	(3.9)	6.2	(3.9)
	Brazil	54.4	(0.5)	a	a	a	a	17.3	(0.4)	a	a	a	a	28.3	(0.4)	a	a	a	a
	Bulgaria	51.7	(0.7)	50.7	(0.9)	1.0	(1.1)	15.5	(0.6)	17.4	(0.8)	-1.8	(1.0)	32.8	(0.6)	32.0	(0.6)	0.8	(0.8)
	Chile	56.8	(0.5)	59.0	(2.4)	-2.2	(2.5)	15.2	(0.3)	12.7	(2.4)	2.5	(2.4)	28.0	(0.4)	28.3	(1.9)	-0.3	(1.9)
	Colombia	60.5	(0.6)	62.1	(1.0)	-1.6	(1.0)	14.5	(0.4)	13.0	(0.7)	1.5	(0.8)	25.1	(0.4)	24.9	(0.7)	0.2	(0.7)
	Croatia	59.1	(0.7)	58.0	(0.6)	1.0	(0.9)	10.1	(0.5)	12.0	(0.4)	**-1.9**	(0.7)	30.8	(0.7)	30.0	(0.5)	0.8	(0.8)
	Estonia	62.2	(0.4)	a	a	a	a	12.3	(0.3)	a	a	a	a	25.5	(0.3)	a	a	a	a
	Hong Kong-China	62.2	(0.4)	68.0	(2.3)	**-5.8**	(2.3)	14.0	(0.3)	14.4	(0.9)	-0.4	(1.0)	23.8	(0.3)	17.6	(1.6)	**6.2**	(1.6)
	Indonesia	55.7	(0.5)	64.1	(1.5)	**-8.5**	(1.6)	17.4	(0.4)	11.2	(0.8)	**6.2**	(0.9)	26.9	(0.3)	24.7	(0.9)	**2.2**	(1.0)
	Israel	52.2	(0.7)	47.2	(1.6)	**5.0**	(1.7)	22.8	(0.3)	24.9	(0.8)	**-2.1**	(0.9)	25.0	(0.5)	27.9	(1.1)	**-2.9**	(1.2)
	Jordan	43.2	(0.5)	a	a	a	a	22.3	(0.5)	a	a	a	a	34.5	(0.4)	a	a	a	a
	Kyrgyzstan	41.8	(0.5)	52.3	(2.1)	**-10.5**	(2.1)	24.1	(0.5)	21.8	(2.5)	2.3	(2.5)	34.1	(0.4)	25.8	(1.7)	**8.3**	(1.7)
	Latvia	58.0	(0.4)	64.1	(1.8)	**-6.1**	(1.9)	13.4	(0.4)	11.2	(1.4)	2.2	(1.5)	28.6	(0.3)	24.7	(1.5)	**3.9**	(1.5)
	Liechtenstein	66.7	(1.2)	a	a	a	a	8.5	(0.6)	a	a	a	a	24.8	(1.0)	a	a	a	a
	Lithuania	60.7	(0.4)	c	c	c	c	11.5	(0.3)	c	c	c	c	27.8	(0.3)	c	c	c	c
	Macao-China	66.2	(0.4)	69.7	(1.6)	**-3.5**	(1.6)	11.9	(0.2)	7.8	(1.1)	**4.1**	(1.1)	21.9	(0.3)	22.5	(1.5)	-0.6	(1.5)
	Montenegro	55.9	(0.6)	50.7	(0.5)	**5.3**	(0.8)	11.2	(0.5)	14.6	(0.4)	**-3.4**	(0.7)	32.9	(0.6)	34.7	(0.5)	**-1.8**	(0.8)
	Qatar	43.3	(0.3)	a	a	a	a	25.2	(0.3)	a	a	a	a	31.6	(0.3)	a	a	a	a
	Romania	50.8	(0.7)	45.1	(1.0)	**5.8**	(1.3)	18.7	(0.4)	23.1	(0.8)	**-4.4**	(0.9)	30.4	(0.5)	31.8	(0.5)	**-1.4**	(0.7)
	Russian Federation	53.3	(0.6)	57.8	(1.9)	**-4.5**	(2.0)	15.7	(0.7)	15.8	(1.2)	-0.2	(1.4)	31.0	(0.4)	26.3	(1.3)	**4.7**	(1.3)
	Serbia	59.0	(0.8)	59.4	(0.6)	-0.3	(1.0)	12.3	(0.4)	13.2	(0.3)	-0.9	(0.5)	28.6	(0.7)	27.4	(0.4)	1.2	(0.9)
	Slovenia	57.8	(0.5)	53.4	(0.5)	**4.4**	(0.7)	11.7	(0.3)	17.0	(0.3)	**-5.3**	(0.5)	30.5	(0.5)	29.6	(0.4)	0.9	(0.6)
	Chinese Taipei	57.1	(0.4)	64.7	(0.8)	**-7.6**	(0.9)	19.4	(0.3)	12.2	(0.5)	**7.2**	(0.5)	23.5	(0.2)	23.1	(0.5)	0.4	(0.6)
	Thailand	62.5	(0.4)	68.5	(1.0)	**-6.0**	(1.1)	11.8	(0.3)	3.8	(0.4)	**8.1**	(0.5)	25.7	(0.3)	27.7	(0.9)	**-2.1**	(0.9)
	Tunisia	41.7	(0.4)	a	a	a	a	27.1	(0.3)	a	a	a	a	31.2	(0.3)	a	a	a	a
	Uruguay	60.5	(0.4)	63.1	(1.8)	-2.6	(1.9)	12.5	(0.4)	11.4	(1.1)	1.2	(1.2)	27.0	(0.3)	25.6	(1.3)	1.4	(1.3)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.12d [Part 1/3] Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by academic and vocational orientation of schools

		Mean learning hours per week															
		Regular school lessons								Out-of-school-time lessons							
		Academic schools		Vocational schools		Difference (academic-vocational)		Difference after accounting for ESCS and school average ESCS (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)		Difference after accounting for ESCS and school average ESCS (academic-vocational)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	11.63	(0.07)	9.43	(0.20)	**2.20**	(0.21)	**1.80**	(0.22)	1.75	(0.04)	1.90	(0.11)	-0.16	(0.11)	-0.10	(0.12)
	Austria	9.80	(0.12)	8.04	(0.11)	**1.76**	(0.16)	**1.19**	(0.22)	0.98	(0.08)	0.93	(0.04)	0.05	(0.09)	**0.45**	(0.13)
	Belgium	11.73	(0.09)	7.17	(0.10)	**4.55**	(0.14)	**4.09**	(0.15)	1.25	(0.05)	1.39	(0.06)	-0.14	(0.08)	**0.19**	(0.09)
	Canada	12.93	(0.11)	a	a	a	a	a	a	2.35	(0.05)	a	a	a	a	a	a
	Czech Republic	11.52	(0.10)	9.40	(0.17)	**2.13**	(0.20)	**1.85**	(0.20)	1.95	(0.05)	1.80	(0.08)	0.15	(0.09)	**0.20**	(0.09)
	Denmark	13.16	(0.07)	a	a	a	a	a	a	3.83	(0.07)	a	a	a	a	a	a
	Finland	9.71	(0.11)	a	a	a	a	a	a	1.06	(0.04)	a	a	a	a	a	a
	France	11.06	(0.10)	7.32	(0.22)	**3.74**	(0.25)	**2.69**	(0.24)	2.28	(0.05)	1.92	(0.14)	**0.36**	(0.15)	**0.57**	(0.16)
	Germany	10.70	(0.08)	7.25	(0.70)	**3.45**	(0.72)	**3.13**	(0.66)	1.92	(0.06)	1.79	(0.59)	0.13	(0.60)	0.59	(0.70)
	Greece	10.37	(0.10)	6.27	(0.16)	**4.09**	(0.19)	**3.20**	(0.25)	6.21	(0.11)	3.52	(0.27)	**2.69**	(0.30)	**2.34**	(0.35)
	Hungary	9.65	(0.18)	8.49	(0.12)	**1.16**	(0.21)	0.23	(0.23)	3.65	(0.12)	3.55	(0.08)	0.10	(0.15)	**0.41**	(0.16)
	Iceland	12.25	(0.06)	c	c	c	c	c	c	1.46	(0.04)	c	c	c	c	c	c
	Ireland	9.78	(0.08)	7.46	(0.64)	**2.32**	(0.64)	**2.12**	(0.64)	1.65	(0.05)	1.68	(0.43)	-0.03	(0.43)	0.07	(0.43)
	Italy	11.69	(0.16)	10.94	(0.09)	**0.75**	(0.19)	-0.09	(0.30)	2.00	(0.05)	2.45	(0.06)	**-0.45**	(0.08)	-0.19	(0.12)
	Japan	11.69	(0.15)	7.88	(0.20)	**3.81**	(0.25)	**2.55**	(0.30)	1.48	(0.07)	1.15	(0.08)	**0.33**	(0.10)	**0.27**	(0.11)
	Korea	13.51	(0.12)	10.20	(0.28)	**3.31**	(0.30)	**3.05**	(0.39)	5.69	(0.10)	1.62	(0.14)	**4.07**	(0.17)	**2.86**	(0.25)
	Luxembourg	9.92	(0.06)	8.28	(0.15)	**1.64**	(0.16)	**1.38**	(0.17)	1.99	(0.04)	1.50	(0.10)	**0.49**	(0.11)	**0.76**	(0.12)
	Mexico	10.97	(0.12)	10.55	(0.12)	**0.42**	(0.17)	**0.41**	(0.17)	3.43	(0.11)	2.95	(0.05)	**0.48**	(0.12)	**0.49**	(0.11)
	Netherlands	8.54	(0.08)	6.55	(0.12)	**1.99**	(0.15)	**1.61**	(0.18)	1.72	(0.06)	2.28	(0.10)	**-0.56**	(0.13)	-0.01	(0.15)
	New Zealand	12.84	(0.09)	a	a	a	a	a	a	1.74	(0.06)	a	a	a	a	a	a
	Norway	9.63	(0.08)	a	a	a	a	a	a	3.13	(0.05)	a	a	a	a	a	a
	Poland	11.71	(0.09)	a	a	a	a	a	a	2.11	(0.05)	a	a	a	a	a	a
	Portugal	10.14	(0.10)	9.75	(0.27)	0.39	(0.27)	0.40	(0.26)	2.04	(0.05)	1.69	(0.13)	**0.35**	(0.13)	**0.29**	(0.13)
	Slovak Republic	10.63	(0.16)	6.63	(0.14)	**4.00**	(0.22)	**3.74**	(0.23)	2.90	(0.07)	1.76	(0.10)	**1.14**	(0.12)	**1.03**	(0.12)
	Spain	10.15	(0.09)	a	a	a	a	a	a	2.24	(0.05)	a	a	a	a	a	a
	Sweden	9.02	(0.07)	c	c	c	c	c	c	1.79	(0.04)	c	c	c	c	c	c
	Switzerland	10.17	(0.07)	5.82	(0.33)	**4.35**	(0.34)	**4.26**	(0.33)	1.61	(0.05)	1.10	(0.18)	**0.51**	(0.19)	**0.55**	(0.18)
	Turkey	12.14	(0.19)	8.54	(0.23)	**3.60**	(0.30)	**2.87**	(0.31)	6.01	(0.10)	4.10	(0.11)	**1.91**	(0.15)	**1.71**	(0.18)
	United Kingdom	11.92	(0.09)	a	a	a	a	a	a	1.70	(0.05)	a	a	a	a	a	a
	United States	10.94	(0.13)	a	a	a	a	a	a	3.04	(0.07)	a	a	a	a	a	a
	OECD average	11.00	(0.02)	8.21	(0.06)	**2.61**	(0.07)	**1.57**	(0.07)	2.50	(0.01)	2.06	(0.05)	**0.60**	(0.05)	**0.46**	(0.04)
Partners	Argentina	7.63	(0.16)	6.85	(0.93)	0.78	(0.94)	0.38	(0.84)	1.65	(0.07)	2.07	(0.47)	-0.42	(0.47)	-0.35	(0.48)
	Azerbaijan	10.41	(0.12)	6.84	(1.06)	**3.57**	(1.08)	**3.21**	(1.14)	4.87	(0.10)	4.41	(1.15)	0.46	(1.16)	0.42	(1.15)
	Brazil	8.46	(0.09)	a	a	a	a	a	a	3.15	(0.07)	a	a	a	a	a	a
	Bulgaria	9.28	(0.24)	7.73	(0.19)	**1.55**	(0.30)	**1.03**	(0.26)	3.19	(0.11)	3.21	(0.12)	-0.02	(0.16)	0.01	(0.16)
	Chile	9.38	(0.17)	5.84	(0.30)	**3.54**	(0.33)	**2.69**	(0.34)	2.84	(0.06)	1.67	(0.20)	**1.17**	(0.21)	**1.30**	(0.21)
	Colombia	11.66	(0.16)	11.67	(0.65)	-0.01	(0.63)	0.09	(0.61)	3.31	(0.08)	3.34	(0.18)	-0.03	(0.20)	-0.03	(0.19)
	Croatia	10.35	(0.13)	7.66	(0.10)	**2.69**	(0.16)	**2.38**	(0.21)	1.54	(0.08)	1.59	(0.06)	-0.05	(0.10)	-0.02	(0.14)
	Estonia	10.95	(0.09)	a	a	a	a	a	a	2.63	(0.07)	a	a	a	a	a	a
	Hong Kong-China	13.79	(0.11)	10.72	(0.36)	**3.07**	(0.38)	**2.35**	(0.36)	3.11	(0.08)	2.73	(0.23)	0.38	(0.25)	0.40	(0.26)
	Indonesia	11.30	(0.15)	9.41	(0.81)	**1.88**	(0.78)	**1.93**	(0.62)	3.94	(0.10)	2.32	(0.16)	**1.62**	(0.19)	**1.64**	(0.20)
	Israel	9.77	(0.12)	8.61	(0.28)	**1.16**	(0.32)	**0.92**	(0.32)	4.39	(0.09)	4.67	(0.21)	-0.28	(0.23)	-0.13	(0.23)
	Jordan	10.36	(0.14)	a	a	a	a	a	a	5.10	(0.10)	a	a	a	a	a	a
	Kyrgyzstan	7.80	(0.16)	7.76	(0.70)	0.04	(0.72)	1.59	(1.05)	4.61	(0.09)	3.93	(0.30)	**0.68**	(0.30)	0.11	(0.37)
	Latvia	11.05	(0.11)	11.27	(0.36)	-0.22	(0.36)	-0.04	(0.37)	2.74	(0.08)	2.04	(0.16)	**0.70**	(0.18)	**0.72**	(0.17)
	Liechtenstein	10.23	(0.19)	a	a	a	a	a	a	1.37	(0.10)	a	a	a	a	a	a
	Lithuania	9.86	(0.10)	c	c	c	c	c	c	1.93	(0.05)	c	c	c	c	c	c
	Macao-China	14.47	(0.07)	13.65	(0.40)	**0.82**	(0.40)	0.53	(0.41)	3.27	(0.07)	2.40	(0.34)	**0.87**	(0.34)	**0.83**	(0.35)
	Montenegro	10.84	(0.14)	7.92	(0.11)	**2.91**	(0.16)	**2.58**	(0.23)	2.41	(0.10)	2.81	(0.06)	**-0.40**	(0.12)	**-0.31**	(0.13)
	Qatar	8.68	(0.08)	a	a	a	a	a	a	4.90	(0.07)	a	a	a	a	a	a
	Romania	9.35	(0.17)	5.98	(0.17)	**3.37**	(0.23)	**2.55**	(0.30)	4.03	(0.08)	4.05	(0.15)	-0.02	(0.17)	-0.01	(0.21)
	Russian Federation	9.59	(0.15)	8.26	(0.36)	**1.34**	(0.41)	**1.22**	(0.39)	3.12	(0.08)	2.76	(0.21)	0.36	(0.23)	0.39	(0.23)
	Serbia	11.71	(0.15)	8.46	(0.11)	**3.25**	(0.18)	**2.50**	(0.29)	2.78	(0.11)	2.62	(0.07)	0.16	(0.13)	**0.45**	(0.17)
	Slovenia	11.23	(0.12)	7.61	(0.07)	**3.62**	(0.14)	**2.35**	(0.20)	2.25	(0.07)	2.69	(0.05)	**-0.44**	(0.09)	0.08	(0.20)
	Chinese Taipei	13.12	(0.12)	8.54	(0.20)	**4.58**	(0.23)	**3.41**	(0.24)	3.65	(0.07)	1.82	(0.09)	**1.83**	(0.11)	**1.57**	(0.13)
	Thailand	11.52	(0.07)	5.90	(0.13)	**5.63**	(0.15)	**5.58**	(0.17)	2.72	(0.08)	0.54	(0.08)	**2.18**	(0.11)	**2.14**	(0.11)
	Tunisia	9.17	(0.12)	a	a	a	a	a	a	6.10	(0.06)	a	a	a	a	a	a
	Uruguay	8.70	(0.09)	6.83	(0.29)	**1.87**	(0.30)	**1.56**	(0.27)	2.12	(0.06)	1.79	(0.17)	0.33	(0.17)	**0.42**	(0.17)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.12d [Part 2/3] Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by academic and vocational orientation of schools

		Mean learning hours per week													
		Individual study								Total learning hours					
		Academic schools		Vocational schools		Difference (academic-vocational)		Difference after accounting for ESCS and school average ESCS (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	4.77	(0.06)	3.86	(0.11)	**0.91**	(0.13)	**0.56**	(0.12)	18.16	(0.13)	15.16	(0.32)	**3.01**	(0.35)
	Austria	5.48	(0.14)	4.73	(0.09)	**0.75**	(0.16)	**1.31**	(0.19)	16.30	(0.20)	13.74	(0.20)	**2.56**	(0.28)
	Belgium	5.19	(0.08)	3.41	(0.07)	**1.79**	(0.10)	**1.48**	(0.12)	18.13	(0.14)	12.04	(0.18)	**6.10**	(0.22)
	Canada	5.26	(0.07)	a	a	a	a	a	a	20.63	(0.17)	a	a	a	a
	Czech Republic	3.67	(0.07)	3.18	(0.08)	**0.48**	(0.11)	**0.47**	(0.11)	17.12	(0.16)	14.35	(0.23)	**2.77**	(0.28)
	Denmark	5.00	(0.06)	a	a	a	a	a	a	21.94	(0.15)	a	a	a	a
	Finland	3.41	(0.05)	a	a	a	a	a	a	14.16	(0.16)	a	a	a	a
	France	4.74	(0.07)	2.78	(0.18)	**1.96**	(0.18)	**1.41**	(0.21)	18.11	(0.15)	12.02	(0.39)	**6.09**	(0.41)
	Germany	5.90	(0.08)	4.76	(0.54)	**1.15**	(0.55)	**1.21**	(0.57)	18.56	(0.14)	13.92	(1.48)	**4.65**	(1.49)
	Greece	5.99	(0.09)	4.50	(0.31)	**1.49**	(0.32)	**1.12**	(0.34)	22.56	(0.22)	14.39	(0.57)	**8.17**	(0.64)
	Hungary	5.72	(0.13)	4.97	(0.11)	**0.75**	(0.18)	**0.58**	(0.21)	19.00	(0.33)	17.05	(0.26)	**1.95**	(0.43)
	Iceland	4.42	(0.05)	c	c	c	c	c	c	18.14	(0.09)	c	c	c	c
	Ireland	4.72	(0.08)	3.64	(0.59)	1.08	(0.59)	0.83	(0.58)	16.11	(0.15)	13.13	(1.13)	**2.99**	(1.13)
	Italy	8.69	(0.14)	6.61	(0.08)	**2.08**	(0.16)	**1.59**	(0.21)	22.38	(0.31)	20.02	(0.18)	**2.35**	(0.36)
	Japan	3.48	(0.12)	1.98	(0.08)	**1.50**	(0.15)	**0.71**	(0.15)	16.64	(0.27)	11.02	(0.27)	**5.62**	(0.39)
	Korea	5.70	(0.15)	2.41	(0.12)	**3.28**	(0.19)	**1.95**	(0.24)	24.91	(0.29)	14.32	(0.43)	**10.59**	(0.52)
	Luxembourg	4.37	(0.05)	3.99	(0.13)	**0.38**	(0.14)	**0.53**	(0.15)	16.31	(0.10)	13.72	(0.27)	**2.59**	(0.28)
	Mexico	6.48	(0.11)	6.28	(0.07)	0.20	(0.13)	0.21	(0.13)	20.74	(0.27)	19.72	(0.15)	**1.02**	(0.32)
	Netherlands	4.21	(0.07)	3.44	(0.13)	**0.77**	(0.15)	**0.66**	(0.18)	14.44	(0.15)	12.27	(0.30)	**2.17**	(0.36)
	New Zealand	4.42	(0.07)	a	a	a	a	a	a	19.02	(0.14)	a	a	a	a
	Norway	4.06	(0.06)	a	a	a	a	a	a	16.79	(0.12)	a	a	a	a
	Poland	6.34	(0.07)	a	a	a	a	a	a	20.19	(0.14)	a	a	a	a
	Portugal	5.92	(0.09)	5.34	(0.24)	**0.58**	(0.27)	**0.52**	(0.26)	18.12	(0.17)	16.80	(0.52)	**1.32**	(0.56)
	Slovak Republic	5.34	(0.11)	4.12	(0.12)	**1.22**	(0.17)	**1.00**	(0.16)	18.92	(0.25)	12.52	(0.28)	**6.40**	(0.38)
	Spain	5.58	(0.08)	a	a	a	a	a	a	18.08	(0.16)	a	a	a	a
	Sweden	3.59	(0.05)	c	c	c	c	c	c	14.39	(0.12)	c	c	c	c
	Switzerland	4.27	(0.04)	3.20	(0.19)	**1.07**	(0.19)	**1.07**	(0.19)	16.07	(0.11)	10.14	(0.64)	**5.93**	(0.64)
	Turkey	6.78	(0.12)	5.14	(0.12)	**1.64**	(0.17)	**1.55**	(0.18)	24.86	(0.34)	17.65	(0.41)	**7.20**	(0.54)
	United Kingdom	4.52	(0.06)	a	a	a	a	a	a	18.16	(0.14)	a	a	a	a
	United States	5.59	(0.07)	a	a	a	a	a	a	19.69	(0.15)	a	a	a	a
	OECD average	5.12	(0.02)	4.12	(0.05)	**1.21**	(0.06)	**0.68**	(0.05)	18.62	(0.04)	14.42	(0.12)	**4.39**	(0.13)
Partners	Argentina	5.03	(0.10)	5.20	(0.62)	-0.16	(0.61)	-0.21	(0.61)	14.32	(0.23)	14.18	(1.76)	0.14	(1.73)
	Azerbaijan	8.74	(0.13)	5.02	(1.07)	**3.72**	(1.08)	**3.64**	(1.10)	24.18	(0.27)	15.91	(2.50)	**8.27**	(2.51)
	Brazil	5.21	0.03	a	a	a	a	a	a	16.78	(0.17)	a	a	a	a
	Bulgaria	6.67	(0.22)	5.57	(0.17)	**1.10**	(0.26)	**0.69**	(0.23)	19.18	(0.47)	16.63	(0.34)	**2.54**	(0.52)
	Chile	4.74	(0.08)	3.04	(0.20)	**1.69**	(0.22)	**1.67**	(0.22)	17.05	(0.23)	10.59	(0.53)	**6.46**	(0.60)
	Colombia	5.47	(0.10)	6.10	(0.30)	-0.63	(0.33)	-0.62	(0.32)	20.43	(0.22)	21.12	(1.01)	-0.69	(1.01)
	Croatia	6.21	(0.11)	4.31	(0.08)	**1.90**	(0.13)	**2.05**	(0.18)	18.14	(0.20)	13.65	(0.18)	**4.49**	(0.27)
	Estonia	5.11	(0.06)	a	a	a	a	a	a	18.71	(0.14)	a	a	a	a
	Hong Kong-China	5.48	(0.09)	3.46	(0.24)	**2.01**	(0.26)	**1.39**	(0.26)	22.36	(0.20)	17.01	(0.74)	**5.35**	(0.77)
	Indonesia	5.83	(0.09)	4.40	(0.11)	**1.43**	(0.16)	**1.43**	(0.16)	21.01	(0.27)	16.12	(0.66)	**4.89**	(0.62)
	Israel	5.31	(0.13)	5.48	(0.23)	-0.18	(0.28)	0.03	(0.27)	19.49	(0.27)	19.17	(0.61)	0.32	(0.68)
	Jordan	7.90	(0.11)	a	a	a	a	a	a	23.35	(0.22)	a	a	a	a
	Kyrgyzstan	6.73	(0.09)	5.41	(0.26)	**1.31**	(0.26)	**1.20**	(0.25)	19.29	(0.25)	17.26	(0.94)	**2.03**	(0.96)
	Latvia	6.28	(0.08)	5.40	(0.33)	**0.87**	(0.34)	**0.96**	(0.34)	20.08	(0.19)	18.60	(0.65)	**1.48**	(0.67)
	Liechtenstein	3.93	(0.15)	a	a	a	a	a	a	15.51	(0.23)	a	a	a	a
	Lithuania	5.28	(0.07)	c	c	c	c	c	c	17.05	(0.14)	c	c	c	c
	Macao-China	4.93	(0.07)	4.70	(0.42)	0.23	(0.42)	-0.77	(0.43)	22.66	(0.15)	20.63	(0.79)	**2.03**	(0.79)
	Montenegro	7.06	(0.13)	5.79	(0.10)	**1.27**	(0.17)	**1.27**	(0.22)	20.23	(0.26)	16.48	(0.21)	**3.75**	(0.34)
	Qatar	6.27	(0.06)	a	a	a	a	a	a	19.89	(0.16)	a	a	a	a
	Romania	6.24	(0.11)	5.03	(0.16)	**1.22**	(0.20)	**0.74**	(0.21)	19.63	(0.27)	15.01	(0.41)	**4.62**	(0.50)
	Russian Federation	6.93	(0.13)	4.85	(0.30)	**2.09**	(0.31)	**2.02**	(0.29)	19.63	(0.25)	15.91	(0.68)	**3.72**	(0.72)
	Serbia	6.50	(0.16)	4.76	(0.07)	**1.74**	(0.18)	**1.35**	(0.25)	21.01	(0.31)	15.81	(0.17)	**5.20**	(0.36)
	Slovenia	5.53	(0.08)	4.37	(0.06)	**1.16**	(0.10)	**1.15**	(0.14)	19.00	(0.20)	14.74	(0.13)	**4.26**	(0.23)
	Chinese Taipei	5.65	(0.09)	3.48	(0.14)	**2.17**	(0.17)	**1.38**	(0.17)	22.55	(0.22)	13.94	(0.37)	**8.60**	(0.43)
	Thailand	5.76	(0.09)	2.75	(0.05)	**3.02**	(0.10)	**3.00**	(0.11)	19.99	(0.16)	9.19	(0.20)	**10.79**	(0.26)
	Tunisia	7.29	(0.08)	a	a	a	a	a	a	22.60	(0.21)	a	a	a	a
	Uruguay	4.36	(0.06)	3.23	(0.19)	**1.13**	(0.20)	**1.04**	(0.20)	15.20	(0.14)	11.94	(0.40)	**3.26**	(0.41)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.12d [Part 3/3] Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by academic and vocational orientation of schools

		Allocation of total learning time in science, in mathematics and on the language of instruction for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)	
		%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.
OECD	Australia	67.2	(0.3)	65.6	(0.8)	1.6	(0.8)	8.0	(0.2)	10.6	(0.6)	**-2.5**	(0.6)	24.8	(0.2)	23.8	(0.5)	0.9	(0.5)
	Austria	66.8	(0.8)	65.0	(0.5)	1.8	(1.0)	2.2	(0.3)	3.8	(0.3)	**-1.6**	(0.4)	31.0	(0.8)	31.2	(0.5)	-0.2	(0.9)
	Belgium	69.4	(0.3)	64.5	(0.5)	**5.0**	(0.6)	5.2	(0.3)	9.4	(0.4)	**-4.2**	(0.5)	25.3	(0.3)	26.1	(0.4)	-0.8	(0.5)
	Canada	65.6	(0.3)	a	a	a	a	10.8	(0.2)	a	a	a	a	23.6	(0.2)	a	a	a	a
	Czech Republic	72.0	(0.5)	71.0	(0.8)	1.1	(1.0)	8.7	(0.2)	9.4	(0.3)	-0.6	(0.4)	19.2	(0.4)	19.6	(0.7)	-0.4	(0.8)
	Denmark	62.2	(0.3)	a	a	a	a	16.0	(0.2)	a	a	a	a	21.9	(0.2)	a	a	a	a
	Finland	70.7	(0.4)	a	a	a	a	6.2	(0.2)	a	a	a	a	23.1	(0.3)	a	a	a	a
	France	66.8	(0.4)	68.4	(1.6)	-1.6	(1.7)	10.5	(0.3)	12.3	(1.0)	-1.8	(1.1)	22.7	(0.3)	19.3	(1.0)	**3.3**	(1.0)
	Germany	62.3	(0.4)	60.9	(1.7)	1.5	(1.8)	7.9	(0.3)	9.2	(2.0)	-1.3	(2.1)	29.8	(0.3)	29.9	(1.8)	-0.1	(1.8)
	Greece	51.5	(0.5)	47.5	(2.2)	4.0	(2.3)	21.4	(0.4)	22.8	(1.1)	-1.4	(1.2)	27.1	(0.3)	29.7	(1.3)	**-2.6**	(1.3)
	Hungary	53.6	(0.7)	52.9	(0.5)	0.7	(0.9)	17.6	(0.6)	18.8	(0.4)	-1.3	(0.8)	28.8	(0.4)	28.3	(0.4)	0.6	(0.6)
	Iceland	71.8	(0.3)	c	c	c	c	6.0	(0.2)	c	c	c	c	22.2	(0.2)	c	c	c	c
	Ireland	64.3	(0.4)	64.8	(4.3)	-0.6	(4.3)	8.1	(0.3)	10.9	(2.3)	-2.8	(2.3)	27.6	(0.3)	24.3	(3.0)	3.3	(3.0)
	Italy	56.7	(0.4)	57.6	(0.4)	-0.8	(0.6)	5.9	(0.2)	10.2	(0.3)	**-4.3**	(0.4)	37.4	(0.3)	32.2	(0.2)	**5.2**	(0.4)
	Japan	78.0	(0.5)	78.6	(1.0)	-0.6	(1.1)	6.0	(0.3)	7.1	(0.5)	-1.1	(0.6)	16.0	(0.4)	14.3	(0.8)	1.7	(0.9)
	Korea	63.0	(0.5)	78.1	(1.0)	**-15.1**	(1.1)	18.8	(0.5)	8.3	(0.7)	**10.6**	(0.9)	18.2	(0.3)	13.7	(0.5)	**4.5**	(0.6)
	Luxembourg	67.3	(0.3)	67.3	(1.0)	-0.0	(1.1)	9.1	(0.2)	6.8	(0.7)	**2.3**	(0.6)	23.6	(0.3)	25.9	(0.8)	**-2.3**	(0.9)
	Mexico	54.6	(0.5)	56.1	(0.4)	**-1.6**	(0.6)	15.1	(0.5)	13.6	(0.3)	**1.5**	(0.5)	30.4	(0.4)	30.3	(0.3)	0.1	(0.5)
	Netherlands	64.4	(0.5)	59.5	(1.0)	**4.9**	(1.2)	9.0	(0.3)	15.5	(0.6)	**-6.5**	(0.7)	26.6	(0.4)	25.0	(0.6)	**1.6**	(0.7)
	New Zealand	70.2	(0.4)	a	a	a	a	8.0	(0.3)	a	a	a	a	21.9	(0.3)	a	a	a	a
	Norway	62.2	(0.5)	a	a	a	a	16.4	(0.3)	a	a	a	a	21.4	(0.3)	a	a	a	a
	Poland	63.5	(0.3)	a	a	a	a	8.5	(0.3)	a	a	a	a	27.9	(0.3)	a	a	a	a
	Portugal	60.6	(0.5)	63.5	(0.9)	**-3.0**	(1.0)	9.0	(0.3)	7.1	(0.8)	**1.9**	(0.8)	30.4	(0.4)	29.4	(0.8)	1.0	(0.9)
	Slovak Republic	60.5	(0.6)	57.0	(0.9)	**3.4**	(1.1)	13.6	(0.3)	11.5	(0.5)	**2.1**	(0.6)	25.9	(0.5)	31.4	(0.7)	**-5.5**	(0.9)
	Spain	62.7	(0.3)	a	a	a	a	8.1	(0.3)	a	a	a	a	29.2	(0.3)	a	a	a	a
	Sweden	66.7	(0.5)	c	c	c	c	10.3	(0.2)	c	c	c	c	23.0	(0.4)	c	c	c	c
	Switzerland	67.8	(0.4)	62.7	(0.7)	**5.1**	(0.8)	7.1	(0.3)	6.8	(1.0)	0.3	(1.0)	25.1	(0.2)	30.4	(1.2)	**-5.3**	(1.2)
	Turkey	56.0	(0.9)	52.9	(0.7)	**3.1**	(1.1)	19.6	(0.5)	20.1	(0.7)	-0.5	(0.8)	24.4	(0.5)	27.0	(0.4)	**-2.6**	(0.6)
	United Kingdom	67.6	(0.3)	a	a	a	a	7.8	(0.2)	a	a	a	a	24.6	(0.3)	a	a	a	a
	United States	55.8	(0.6)	a	a	a	a	16.0	(0.4)	a	a	a	a	28.2	(0.3)	a	a	a	a
	OECD average	64.1	(0.1)	62.8	(0.3)	0.5	(0.3)	10.6	(0.1)	11.3	(0.2)	**-0.6**	(0.2)	25.4	(0.1)	25.9	(0.2)	0.1	(0.3)
Partners	Argentina	55.4	(0.6)	48.5	(3.1)	**6.8**	(3.2)	7.9	(0.5)	12.8	(3.6)	-4.9	(3.7)	36.7	(0.5)	38.7	(2.3)	-1.9	(2.3)
	Azerbaijan	44.9	(0.6)	46.1	(8.4)	-1.3	(8.3)	19.2	(0.5)	26.9	(6.0)	-7.6	(6.0)	35.9	(0.5)	27.0	(2.6)	**8.9**	(2.5)
	Brazil	54.4	(0.4)	a	a	a	a	17.7	(0.4)	a	a	a	a	27.8	(0.3)	a	a	a	a
	Bulgaria	52.8	(0.8)	50.7	(0.8)	2.1	(1.1)	14.2	(0.5)	16.8	(0.7)	**-2.6**	(0.9)	33.0	(0.6)	32.5	(0.6)	0.5	(0.9)
	Chile	57.2	(0.7)	62.4	(2.0)	**-5.2**	(2.1)	15.4	(0.5)	8.8	(1.5)	**6.7**	(1.6)	27.4	(0.4)	28.8	(1.6)	-1.4	(1.7)
	Colombia	60.1	(0.6)	61.2	(1.3)	-1.1	(1.2)	14.8	(0.4)	13.0	(0.7)	**1.8**	(0.7)	25.2	(0.5)	25.8	(0.7)	-0.7	(0.8)
	Croatia	68.4	(0.7)	66.1	(0.5)	**2.2**	(0.9)	3.5	(0.3)	6.8	(0.3)	**-3.4**	(0.4)	28.2	(0.7)	27.0	(0.4)	1.1	(0.8)
	Estonia	61.8	(0.5)	a	a	a	a	13.1	(0.4)	a	a	a	a	25.2	(0.3)	a	a	a	a
	Hong Kong-China	71.1	(0.5)	68.7	(1.3)	2.5	(1.4)	8.8	(0.3)	12.3	(1.0)	**-3.5**	(1.1)	20.1	(0.3)	19.1	(0.8)	1.0	(0.9)
	Indonesia	56.1	(0.4)	56.8	(2.9)	-0.7	(2.9)	17.4	(0.4)	13.1	(1.1)	**4.3**	(1.0)	26.4	(0.3)	30.1	(2.0)	-3.6	(2.1)
	Israel	55.2	(0.7)	47.5	(1.5)	**7.8**	(1.8)	19.4	(0.4)	22.4	(1.2)	**-3.0**	(1.3)	25.4	(0.5)	30.1	(1.1)	**-4.7**	(1.2)
	Jordan	44.2	(0.6)	a	a	a	a	22.2	(0.5)	a	a	a	a	33.6	(0.4)	a	a	a	a
	Kyrgyzstan	39.7	(0.5)	47.3	(1.3)	**-7.7**	(1.4)	26.3	(0.4)	19.1	(1.7)	**7.1**	(1.7)	34.0	(0.4)	33.5	(1.9)	0.5	(1.9)
	Latvia	59.2	(0.4)	61.5	(1.7)	-2.4	(1.9)	11.5	(0.4)	9.8	(1.5)	1.6	(1.5)	29.4	(0.4)	28.6	(1.8)	0.7	(1.9)
	Liechtenstein	69.8	(1.2)	a	a	a	a	5.6	(0.7)	a	a	a	a	24.6	(0.9)	a	a	a	a
	Lithuania	62.3	(0.4)	c	c	c	c	9.8	(0.3)	c	c	c	c	27.9	(0.3)	c	c	c	c
	Macao-China	71.4	(0.3)	73.0	(2.0)	-1.6	(2.0)	11.2	(0.2)	8.2	(1.2)	**2.9**	(1.2)	17.4	(0.3)	18.8	(1.2)	-1.3	(1.2)
	Montenegro	57.9	(0.7)	50.6	(0.5)	**7.4**	(0.9)	8.0	(0.5)	13.2	(0.3)	**-5.1**	(0.6)	34.1	(0.6)	36.3	(0.5)	**-2.2**	(0.8)
	Qatar	44.7	(0.3)	a	a	a	a	23.6	(0.3)	a	a	a	a	31.7	(0.3)	a	a	a	a
	Romania	52.8	(0.7)	43.1	(1.1)	**9.7**	(1.3)	18.0	(0.5)	25.8	(0.8)	**-7.8**	(0.9)	29.2	(0.4)	31.1	(0.6)	**-1.9**	(0.7)
	Russian Federation	46.9	(0.5)	57.2	(1.6)	**-10.2**	(1.5)	16.8	(0.7)	13.6	(1.2)	**3.1**	(1.5)	36.3	(0.5)	29.2	(1.7)	**7.1**	(1.7)
	Serbia	62.1	(0.8)	59.4	(0.6)	**2.7**	(1.0)	11.0	(0.6)	13.6	(0.4)	**-2.6**	(0.7)	26.8	(0.6)	27.0	(0.4)	-0.1	(0.7)
	Slovenia	64.7	(0.5)	57.1	(0.6)	**7.6**	(0.8)	9.0	(0.3)	15.0	(0.3)	**-6.0**	(0.4)	26.2	(0.4)	27.9	(0.4)	**-1.7**	(0.6)
	Chinese Taipei	66.1	(0.4)	66.2	(0.8)	-0.1	(0.9)	8.6	(0.3)	9.6	(0.5)	-1.0	(0.6)	25.4	(0.2)	24.3	(0.5)	**1.1**	(0.5)
	Thailand	63.6	(0.4)	56.0	(0.8)	**7.7**	(1.0)	7.8	(0.3)	4.7	(0.4)	**3.1**	(0.5)	28.5	(0.3)	39.3	(0.9)	**-10.8**	(1.0)
	Tunisia	45.6	(0.7)	a	a	a	a	23.6	(0.5)	a	a	a	a	30.8	(0.5)	a	a	a	a
	Uruguay	60.7	(0.5)	62.0	(1.4)	-1.3	(1.5)	11.2	(0.4)	12.1	(1.4)	-0.9	(1.4)	28.1	(0.3)	25.9	(1.5)	2.2	(1.5)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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[Part 1/3]

Table 3.13a Mean learning hours and allocation of total learning time in science, by school location

		Mean learning hours per week											
		Regular school lessons						Out-of-school-time lessons					
		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	3.04	(0.06)	3.37	(0.04)	**-0.33**	(0.08)	0.33	(0.01)	0.38	(0.01)	**-0.04**	(0.02)
	Austria	2.37	(0.09)	2.67	(0.13)	-0.30	(0.17)	0.23	(0.02)	0.19	(0.02)	0.04	(0.03)
	Belgium	2.56	(0.05)	2.85	(0.15)	-0.29	(0.17)	0.30	(0.01)	0.41	(0.04)	**-0.11**	(0.04)
	Canada	3.97	(0.05)	4.12	(0.08)	-0.15	(0.09)	0.52	(0.02)	0.60	(0.02)	**-0.08**	(0.03)
	Czech Republic	2.82	(0.09)	3.35	(0.22)	**-0.53**	(0.26)	0.55	(0.02)	0.48	(0.04)	0.06	(0.05)
	Denmark	3.20	(0.05)	3.32	(0.14)	-0.12	(0.15)	0.76	(0.02)	0.90	(0.05)	**-0.15**	(0.06)
	Finland	3.10	(0.05)	3.24	(0.11)	-0.14	(0.11)	0.33	(0.01)	0.31	(0.03)	0.02	(0.03)
	France	a	a	2.85	(0.05)	a	a	a	a	0.55	(0.02)	a	a
	Germany	2.96	(0.06)	3.44	(0.15)	**-0.48**	(0.18)	0.49	(0.02)	0.56	(0.05)	-0.07	(0.05)
	Greece	3.09	(0.08)	3.38	(0.12)	-0.29	(0.16)	2.02	(0.06)	1.95	(0.07)	0.07	(0.10)
	Hungary	2.46	(0.07)	2.56	(0.10)	-0.09	(0.13)	1.05	(0.03)	0.94	(0.05)	**0.11**	(0.06)
	Iceland	3.04	(0.03)	2.84	(0.05)	**0.20**	(0.05)	0.30	(0.02)	0.27	(0.02)	0.03	(0.03)
	Ireland	2.57	(0.05)	2.49	(0.09)	0.08	(0.10)	0.34	(0.02)	0.27	(0.02)	**0.06**	(0.03)
	Italy	2.92	(0.06)	2.93	(0.11)	-0.01	(0.12)	0.58	(0.02)	0.56	(0.03)	0.02	(0.04)
	Japan	2.46	(0.09)	2.82	(0.07)	**-0.36**	(0.12)	0.27	(0.02)	0.26	(0.02)	0.01	(0.03)
	Korea	3.25	(0.18)	3.64	(0.07)	-0.39	(0.20)	0.66	(0.08)	1.09	(0.05)	**-0.43**	(0.10)
	Luxembourg	2.35	(0.03)	2.17	(0.07)	**0.18**	(0.07)	0.51	(0.02)	0.43	(0.04)	0.08	(0.04)
	Mexico	3.11	(0.06)	3.20	(0.06)	-0.09	(0.09)	1.14	(0.04)	0.88	(0.03)	**0.26**	(0.05)
	Netherlands	2.12	(0.05)	2.32	(0.12)	-0.20	(0.15)	0.53	(0.02)	0.54	(0.03)	-0.01	(0.04)
	New Zealand	3.91	(0.07)	4.18	(0.05)	**-0.27**	(0.09)	0.35	(0.02)	0.46	(0.02)	**-0.11**	(0.03)
	Norway	2.61	(0.03)	2.80	(0.07)	**-0.19**	(0.08)	0.94	(0.02)	0.94	(0.06)	-0.01	(0.06)
	Poland	2.66	(0.04)	2.90	(0.07)	**-0.24**	(0.08)	0.62	(0.02)	0.63	(0.04)	-0.01	(0.05)
	Portugal	3.19	(0.06)	3.27	(0.12)	-0.08	(0.14)	0.63	(0.02)	0.66	(0.04)	-0.03	(0.05)
	Slovak Republic	2.40	(0.08)	2.81	(0.34)	-0.41	(0.37)	0.64	(0.03)	0.72	(0.12)	-0.09	(0.13)
	Spain	2.97	(0.06)	3.34	(0.08)	**-0.37**	(0.10)	0.71	(0.03)	0.63	(0.03)	0.08	(0.05)
	Sweden	2.79	(0.03)	2.85	(0.07)	-0.06	(0.08)	0.49	(0.01)	0.53	(0.04)	-0.03	(0.04)
	Switzerland	2.34	(0.05)	2.59	(0.21)	-0.25	(0.22)	0.40	(0.01)	0.31	(0.04)	**0.09**	(0.04)
	Turkey	2.72	(0.13)	3.01	(0.15)	-0.30	(0.23)	1.26	(0.07)	1.44	(0.09)	-0.17	(0.12)
	United Kingdom	4.32	(0.04)	4.17	(0.09)	0.15	(0.10)	0.45	(0.02)	0.54	(0.04)	-0.09	(0.05)
	United States	3.62	(0.05)	3.33	(0.11)	**0.28**	(0.13)	0.73	(0.02)	0.88	(0.04)	**-0.16**	(0.05)
	OECD average	2.93	(0.01)	3.09	(0.02)	**-0.17**	(0.03)	0.62	(0.01)	0.64	(0.01)	**-0.02**	(0.01)
Partners	Argentina	2.16	(0.08)	2.41	(0.10)	-0.25	(0.14)	0.51	(0.03)	0.46	(0.03)	0.05	(0.05)
	Azerbaijan	2.80	(0.07)	2.95	(0.08)	-0.15	(0.10)	1.40	(0.04)	1.25	(0.06)	**0.15**	(0.07)
	Brazil	2.14	(0.05)	2.32	(0.06)	**-0.18**	(0.09)	0.78	(0.03)	0.80	(0.04)	-0.02	(0.05)
	Bulgaria	2.48	(0.09)	2.89	(0.15)	**-0.41**	(0.17)	1.00	(0.04)	0.97	(0.03)	0.02	(0.05)
	Chile	2.20	(0.10)	2.40	(0.07)	-0.20	(0.13)	0.91	(0.03)	0.77	(0.02)	**0.13**	(0.04)
	Colombia	3.60	(0.19)	3.41	(0.08)	0.19	(0.21)	1.00	(0.06)	0.88	(0.03)	0.12	(0.07)
	Croatia	1.92	(0.05)	2.18	(0.08)	**-0.26**	(0.10)	0.41	(0.02)	0.47	(0.03)	-0.06	(0.04)
	Estonia	3.20	(0.05)	3.45	(0.09)	**-0.25**	(0.10)	0.75	(0.03)	0.80	(0.04)	-0.05	(0.05)
	Hong Kong-China	a	a	3.14	(0.05)	a	a	a	a	0.88	(0.03)	a	a
	Indonesia	3.16	(0.08)	3.57	(0.20)	-0.42	(0.23)	1.06	(0.04)	1.00	(0.17)	0.06	(0.18)
	Israel	2.42	(0.07)	2.48	(0.10)	-0.05	(0.13)	1.04	(0.05)	0.91	(0.04)	0.14	(0.07)
	Jordan	3.09	(0.08)	3.47	(0.09)	**-0.39**	(0.13)	1.53	(0.04)	1.51	(0.06)	0.02	(0.08)
	Kyrgyzstan	2.00	(0.07)	2.59	(0.14)	**-0.59**	(0.16)	1.43	(0.03)	1.01	(0.09)	**0.42**	(0.09)
	Latvia	2.76	(0.06)	3.08	(0.12)	**-0.32**	(0.13)	0.64	(0.02)	0.67	(0.04)	-0.03	(0.05)
	Liechtenstein	2.61	(0.08)	a	a	a	a	0.49	(0.06)	a	a	a	a
	Lithuania	2.63	(0.04)	2.79	(0.06)	**-0.16**	(0.07)	0.61	(0.02)	0.50	(0.02)	**0.10**	(0.03)
	Macao-China	3.42	(0.07)	3.81	(0.04)	**-0.39**	(0.08)	1.07	(0.05)	0.98	(0.03)	0.08	(0.06)
	Montenegro	2.79	(0.05)	2.90	(0.07)	-0.11	(0.08)	1.08	(0.03)	1.00	(0.05)	0.08	(0.05)
	Qatar	2.58	(0.04)	2.96	(0.06)	**-0.37**	(0.07)	1.50	(0.03)	1.43	(0.04)	0.07	(0.05)
	Romania	2.15	(0.08)	2.37	(0.12)	-0.22	(0.17)	1.07	(0.04)	0.98	(0.03)	**0.09**	(0.05)
	Russian Federation	3.69	(0.11)	3.78	(0.09)	-0.09	(0.12)	1.17	(0.04)	1.06	(0.05)	0.11	(0.07)
	Serbia	2.72	(0.08)	3.07	(0.11)	**-0.35**	(0.15)	0.80	(0.03)	0.76	(0.03)	0.04	(0.04)
	Slovenia	2.77	(0.03)	2.91	(0.05)	**-0.14**	(0.06)	0.77	(0.03)	0.62	(0.03)	**0.16**	(0.04)
	Chinese Taipei	2.83	(0.12)	2.93	(0.09)	-0.09	(0.18)	0.62	(0.04)	0.86	(0.04)	**-0.24**	(0.07)
	Thailand	3.71	(0.06)	4.10	(0.15)	**-0.39**	(0.19)	0.82	(0.04)	1.18	(0.13)	**-0.36**	(0.16)
	Tunisia	2.58	(0.05)	2.89	(0.22)	-0.31	(0.24)	1.92	(0.03)	2.00	(0.11)	-0.08	(0.12)
	Uruguay	2.33	(0.06)	2.51	(0.07)	-0.18	(0.10)	0.63	(0.03)	0.59	(0.03)	0.03	(0.04)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



[Part 2/3]

Table 3.13a Mean learning hours and allocation of total learning time in science, by school location

		Mean learning hours per week											
		Individual study						Total learning hours					
		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	0.99	(0.02)	1.30	(0.03)	**-0.31**	(0.04)	4.36	(0.08)	5.04	(0.07)	**-0.67**	(0.12)
	Austria	1.27	(0.04)	1.29	(0.05)	-0.02	(0.06)	3.87	(0.12)	4.15	(0.16)	-0.28	(0.21)
	Belgium	1.23	(0.03)	1.35	(0.06)	-0.12	(0.07)	4.09	(0.08)	4.61	(0.20)	**-0.52**	(0.23)
	Canada	1.40	(0.03)	1.80	(0.05)	**-0.40**	(0.06)	5.91	(0.08)	6.52	(0.11)	**-0.61**	(0.15)
	Czech Republic	1.01	(0.03)	0.94	(0.07)	0.06	(0.08)	4.36	(0.13)	4.77	(0.32)	-0.40	(0.37)
	Denmark	1.06	(0.03)	1.18	(0.06)	**-0.12**	(0.06)	5.00	(0.08)	5.37	(0.18)	-0.37	(0.20)
	Finland	1.06	(0.02)	1.11	(0.05)	-0.05	(0.05)	4.48	(0.06)	4.67	(0.13)	-0.19	(0.14)
	France	a	a	1.31	(0.03)	a	a	a	a	4.72	(0.08)	a	a
	Germany	1.68	(0.03)	1.76	(0.05)	-0.08	(0.07)	5.14	(0.09)	5.77	(0.16)	**-0.63**	(0.20)
	Greece	1.84	(0.05)	1.86	(0.07)	-0.02	(0.08)	6.95	(0.16)	7.20	(0.21)	-0.26	(0.28)
	Hungary	1.59	(0.04)	1.59	(0.06)	-0.01	(0.08)	5.10	(0.11)	5.07	(0.18)	0.03	(0.23)
	Iceland	1.21	(0.02)	1.08	(0.03)	**0.13**	(0.04)	4.56	(0.04)	4.19	(0.07)	**0.37**	(0.08)
	Ireland	1.22	(0.03)	1.19	(0.05)	0.03	(0.06)	4.11	(0.08)	3.94	(0.14)	0.17	(0.16)
	Italy	2.09	(0.04)	2.10	(0.08)	-0.01	(0.09)	5.58	(0.11)	5.60	(0.20)	-0.02	(0.22)
	Japan	0.61	(0.03)	0.74	(0.03)	**-0.13**	(0.04)	3.34	(0.11)	3.82	(0.09)	**-0.48**	(0.15)
	Korea	0.97	(0.06)	1.26	(0.07)	**-0.29**	(0.09)	4.91	(0.28)	6.00	(0.16)	**-1.08**	(0.34)
	Luxembourg	1.26	(0.02)	1.12	(0.07)	0.14	(0.07)	4.13	(0.05)	3.71	(0.13)	**0.42**	(0.14)
	Mexico	2.14	(0.05)	2.11	(0.03)	0.03	(0.06)	6.34	(0.11)	6.16	(0.09)	0.18	(0.15)
	Netherlands	1.17	(0.03)	1.32	(0.06)	**-0.15**	(0.06)	3.81	(0.08)	4.15	(0.16)	-0.34	(0.20)
	New Zealand	1.12	(0.04)	1.41	(0.04)	**-0.30**	(0.05)	5.38	(0.11)	6.06	(0.08)	**-0.68**	(0.14)
	Norway	1.21	(0.02)	1.30	(0.05)	-0.09	(0.05)	4.76	(0.06)	5.03	(0.12)	**-0.27**	(0.13)
	Poland	2.03	(0.03)	1.99	(0.06)	0.04	(0.07)	5.32	(0.08)	5.50	(0.12)	-0.19	(0.14)
	Portugal	2.08	(0.04)	2.12	(0.07)	-0.04	(0.09)	5.90	(0.09)	6.03	(0.20)	-0.13	(0.24)
	Slovak Republic	1.39	(0.04)	1.42	(0.19)	-0.04	(0.19)	4.44	(0.13)	4.98	(0.63)	-0.54	(0.67)
	Spain	1.67	(0.03)	1.85	(0.04)	**-0.18**	(0.05)	5.38	(0.10)	5.83	(0.11)	**-0.46**	(0.15)
	Sweden	1.11	(0.02)	1.27	(0.05)	**-0.16**	(0.05)	4.38	(0.05)	4.65	(0.12)	**-0.27**	(0.13)
	Switzerland	1.11	(0.02)	1.17	(0.06)	-0.05	(0.07)	3.86	(0.06)	4.05	(0.25)	-0.19	(0.26)
	Turkey	1.60	(0.07)	1.68	(0.08)	-0.08	(0.11)	5.53	(0.25)	6.09	(0.31)	-0.55	(0.43)
	United Kingdom	1.44	(0.03)	1.49	(0.06)	-0.05	(0.08)	6.21	(0.06)	6.19	(0.14)	0.02	(0.17)
	United States	1.62	(0.03)	1.80	(0.05)	**-0.18**	(0.06)	6.01	(0.07)	6.02	(0.12)	-0.01	(0.15)
	OECD average	1.38	(0.01)	1.46	(0.01)	**-0.08**	(0.01)	4.94	(0.02)	5.17	(0.04)	**-0.25**	(0.04)
Partners	Argentina	1.58	(0.05)	1.61	(0.07)	-0.02	(0.09)	4.22	(0.13)	4.49	(0.14)	-0.27	(0.21)
	Azerbaijan	2.67	(0.06)	2.55	(0.06)	0.11	(0.08)	6.86	(0.13)	6.72	(0.15)	0.14	(0.20)
	Brazil	1.71	(0.04)	1.68	(0.04)	0.03	(0.06)	4.64	(0.08)	4.79	(0.11)	-0.15	(0.16)
	Bulgaria	1.92	(0.06)	2.16	(0.12)	-0.24	(0.14)	5.42	(0.14)	6.06	(0.27)	**-0.64**	(0.31)
	Chile	1.59	(0.05)	1.47	(0.03)	**0.13**	(0.06)	4.72	(0.14)	4.67	(0.10)	0.06	(0.18)
	Colombia	1.88	(0.07)	1.76	(0.04)	0.12	(0.08)	6.50	(0.32)	6.05	(0.11)	0.45	(0.34)
	Croatia	1.41	(0.04)	1.56	(0.07)	-0.15	(0.09)	3.75	(0.10)	4.23	(0.17)	**-0.48**	(0.20)
	Estonia	1.46	(0.03)	1.76	(0.05)	**-0.30**	(0.06)	5.41	(0.07)	6.00	(0.12)	**-0.59**	(0.14)
	Hong Kong-China	a	a	1.44	(0.03)	a	a	a	a	5.45	(0.10)	a	a
	Indonesia	1.82	(0.04)	1.63	(0.15)	0.19	(0.17)	6.01	(0.13)	6.21	(0.42)	-0.20	(0.48)
	Israel	1.45	(0.07)	1.25	(0.05)	**0.20**	(0.09)	4.89	(0.16)	4.64	(0.15)	0.25	(0.23)
	Jordan	2.64	(0.06)	2.65	(0.07)	-0.01	(0.09)	7.25	(0.12)	7.62	(0.13)	**-0.37**	(0.19)
	Kyrgyzstan	2.16	(0.04)	2.03	(0.10)	0.12	(0.10)	5.64	(0.10)	5.61	(0.23)	0.02	(0.25)
	Latvia	1.76	(0.04)	1.87	(0.07)	-0.11	(0.08)	5.15	(0.09)	5.61	(0.19)	**-0.47**	(0.21)
	Liechtenstein	1.20	(0.06)	a	a	a	a	4.31	(0.10)	a	a	a	a
	Lithuania	1.69	(0.03)	1.68	(0.05)	0.01	(0.05)	4.91	(0.07)	4.97	(0.10)	-0.06	(0.11)
	Macao-China	1.35	(0.05)	1.38	(0.03)	-0.03	(0.06)	5.83	(0.13)	6.16	(0.07)	**-0.34**	(0.16)
	Montenegro	2.23	(0.04)	2.14	(0.06)	0.09	(0.07)	6.10	(0.09)	6.03	(0.11)	0.07	(0.15)
	Qatar	2.03	(0.03)	2.12	(0.05)	-0.09	(0.06)	6.14	(0.07)	6.52	(0.12)	**-0.38**	(0.13)
	Romania	1.59	(0.05)	1.64	(0.09)	-0.05	(0.11)	4.79	(0.14)	4.96	(0.20)	-0.17	(0.27)
	Russian Federation	2.97	(0.08)	2.72	(0.07)	**0.25**	(0.09)	7.82	(0.19)	7.58	(0.15)	0.25	(0.22)
	Serbia	1.65	(0.06)	1.79	(0.07)	-0.14	(0.10)	5.18	(0.14)	5.61	(0.18)	-0.43	(0.25)
	Slovenia	1.58	(0.02)	1.46	(0.04)	0.13	(0.04)	5.14	(0.06)	4.98	(0.09)	0.16	(0.11)
	Chinese Taipei	1.12	(0.06)	1.30	(0.04)	**-0.18**	(0.08)	4.60	(0.20)	5.12	(0.16)	-0.52	(0.31)
	Thailand	1.81	(0.04)	1.79	(0.08)	0.03	(0.11)	6.34	(0.12)	7.06	(0.33)	-0.72	(0.42)
	Tunisia	2.61	(0.04)	2.62	(0.12)	-0.01	(0.12)	7.09	(0.11)	7.50	(0.42)	-0.41	(0.45)
	Uruguay	1.35	(0.04)	1.28	(0.05)	0.07	(0.06)	4.33	(0.10)	4.40	(0.11)	-0.07	(0.15)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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[Part 3/3]

Table 3.13a Mean learning hours and allocation of total learning time in science, by school location

		Allocation of total learning time in science for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)	
		%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.
OECD	Australia	72.4	(0.6)	70.1	(0.4)	**2.3**	(0.7)	6.4	(0.3)	6.2	(0.2)	0.2	(0.3)	21.2	(0.4)	23.8	(0.3)	**-2.5**	(0.6)
	Austria	63.4	(0.9)	65.5	(1.1)	-2.0	(1.5)	4.7	(0.4)	3.2	(0.4)	**1.5**	(0.6)	31.9	(0.7)	31.3	(1.0)	0.6	(1.3)
	Belgium	63.6	(0.4)	63.2	(1.0)	0.4	(1.1)	6.3	(0.2)	7.4	(0.6)	-1.1	(0.7)	30.1	(0.3)	29.4	(0.7)	0.7	(0.7)
	Canada	67.9	(0.4)	64.2	(0.5)	**3.7**	(0.6)	8.4	(0.2)	8.6	(0.3)	-0.2	(0.4)	23.8	(0.3)	27.2	(0.5)	**-3.4**	(0.6)
	Czech Republic	67.9	(0.8)	72.4	(0.9)	**-4.5**	(1.2)	10.4	(0.4)	7.8	(0.5)	**2.6**	(0.6)	21.7	(0.5)	19.8	(0.9)	1.9	(1.0)
	Denmark	67.2	(0.5)	65.4	(1.4)	1.9	(1.5)	12.9	(0.3)	14.1	(0.8)	-1.2	(0.9)	19.9	(0.4)	20.6	(0.8)	-0.6	(0.9)
	Finland	70.9	(0.4)	70.9	(0.9)	0.0	(1.0)	6.1	(0.2)	5.3	(0.4)	0.7	(0.5)	23.0	(0.3)	23.7	(0.8)	-0.7	(0.8)
	France	a	a	62.9	(0.5)	a	a	a	a	10.8	(0.3)	a	a	a	a	26.3	(0.4)	a	a
	Germany	57.7	(0.7)	59.7	(1.4)	-1.9	(1.7)	8.4	(0.4)	8.8	(0.8)	-0.4	(0.9)	33.9	(0.4)	31.6	(0.9)	**2.3**	(1.0)
	Greece	47.5	(0.7)	49.9	(0.9)	**-2.4**	(1.2)	26.6	(0.5)	25.8	(0.9)	0.8	(1.0)	25.9	(0.6)	24.3	(0.6)	1.6	(0.9)
	Hungary	50.5	(0.7)	53.0	(1.0)	**-2.5**	(1.2)	19.0	(0.6)	16.2	(0.6)	**2.9**	(0.9)	30.4	(0.4)	30.8	(0.6)	-0.4	(0.8)
	Iceland	69.9	(0.4)	70.4	(0.7)	-0.5	(0.7)	5.1	(0.3)	5.1	(0.4)	-0.0	(0.5)	25.0	(0.3)	24.5	(0.6)	0.5	(0.6)
	Ireland	66.0	(0.6)	67.0	(0.9)	-1.0	(1.1)	6.4	(0.3)	5.4	(0.4)	1.0	(0.5)	27.6	(0.5)	27.6	(0.7)	0.0	(0.9)
	Italy	53.9	(0.3)	54.6	(0.6)	-0.7	(0.8)	9.3	(0.3)	8.7	(0.5)	0.6	(0.6)	36.8	(0.3)	36.7	(0.5)	0.0	(0.6)
	Japan	78.5	(0.7)	78.3	(0.5)	0.3	(0.9)	5.5	(0.4)	5.0	(0.3)	0.4	(0.5)	16.0	(0.7)	16.7	(0.5)	-0.7	(0.8)
	Korea	71.8	(1.2)	66.7	(0.7)	**5.1**	(1.4)	10.1	(1.1)	14.5	(0.4)	**-4.4**	(1.3)	18.1	(0.9)	18.8	(0.4)	-0.7	(1.0)
	Luxembourg	59.6	(0.4)	62.5	(1.3)	**-3.0**	(1.4)	10.2	(0.3)	8.4	(0.7)	**1.7**	(0.7)	30.3	(0.4)	29.0	(1.2)	1.2	(1.3)
	Mexico	47.1	(0.6)	49.9	(0.6)	**-2.8**	(0.9)	16.6	(0.5)	13.3	(0.4)	**3.2**	(0.6)	36.4	(0.6)	36.8	(0.5)	-0.4	(0.8)
	Netherlands	56.1	(0.8)	57.3	(1.1)	-1.2	(1.4)	12.8	(0.5)	12.1	(0.8)	0.7	(1.0)	31.2	(0.5)	30.6	(0.7)	0.5	(0.9)
	New Zealand	75.2	(0.6)	71.4	(0.5)	**3.7**	(0.8)	5.5	(0.3)	6.8	(0.4)	**-1.3**	(0.5)	19.4	(0.4)	21.8	(0.4)	-2.5	(0.5)
	Norway	59.6	(0.5)	59.2	(1.4)	0.4	(1.4)	16.9	(0.3)	16.8	(1.0)	0.1	(1.0)	23.5	(0.3)	24.0	(0.8)	-0.5	(0.8)
	Poland	52.6	(0.4)	55.0	(0.7)	**-2.3**	(0.8)	10.4	(0.4)	9.8	(0.6)	0.6	(0.7)	36.9	(0.4)	35.2	(0.7)	**1.7**	(0.8)
	Portugal	54.3	(0.6)	55.7	(0.9)	-1.3	(1.1)	9.4	(0.3)	9.3	(0.5)	0.1	(0.7)	36.3	(0.5)	35.0	(0.7)	1.3	(0.9)
	Slovak Republic	58.3	(0.6)	61.7	(1.9)	-3.4	(2.0)	11.8	(0.4)	11.3	(1.2)	0.5	(1.3)	30.0	(0.4)	27.0	(1.1)	**2.9**	(1.2)
	Spain	58.6	(0.5)	59.4	(0.6)	-0.7	(0.8)	11.3	(0.4)	9.8	(0.5)	**1.5**	(0.7)	30.1	(0.3)	30.8	(0.5)	-0.8	(0.5)
	Sweden	67.4	(0.7)	64.7	(0.9)	**2.6**	(1.1)	9.1	(0.3)	9.4	(0.5)	-0.3	(0.6)	23.5	(0.6)	25.9	(0.7)	**-2.3**	(0.9)
	Switzerland	61.8	(0.4)	63.7	(1.4)	-1.9	(1.5)	8.5	(0.2)	6.7	(0.8)	**1.8**	(0.9)	29.7	(0.3)	29.6	(1.3)	0.1	(1.3)
	Turkey	50.9	(0.7)	51.6	(0.9)	-0.7	(1.1)	20.7	(0.6)	21.2	(0.6)	-0.5	(0.9)	28.4	(0.5)	27.2	(0.7)	1.2	(0.9)
	United Kingdom	71.5	(0.4)	69.4	(0.8)	**2.1**	(1.0)	6.3	(0.2)	7.5	(0.6)	-1.3	(0.7)	22.2	(0.3)	23.1	(0.6)	-0.8	(0.8)
	United States	60.5	(0.5)	55.1	(1.2)	**5.4**	(1.4)	11.5	(0.3)	14.4	(1.1)	**-2.9**	(1.2)	28.0	(0.4)	30.5	(0.5)	**-2.5**	(0.6)
	OECD average	62.2	(0.1)	62.4	(0.2)	-0.2	(0.2)	10.6	(0.1)	10.3	(0.1)	0.3	(0.1)	27.3	(0.1)	27.3	(0.1)	-0.1	(0.2)
Partners	Argentina	51.9	(1.0)	54.9	(1.2)	-3.0	(1.6)	10.2	(0.6)	8.7	(0.5)	1.5	(0.9)	37.9	(0.8)	36.4	(1.1)	1.5	(1.3)
	Azerbaijan	42.1	(0.7)	46.5	(1.1)	**-4.4**	(1.3)	19.9	(0.5)	17.6	(0.9)	**2.3**	(1.1)	38.0	(0.5)	36.0	(0.7)	**2.1**	(0.8)
	Brazil	49.4	(0.6)	51.6	(0.7)	**-2.2**	(1.0)	14.2	(0.5)	13.9	(0.4)	0.3	(0.6)	36.4	(0.5)	34.5	(0.5)	**1.9**	(0.8)
	Bulgaria	48.2	(1.0)	49.7	(0.8)	-1.5	(1.2)	17.2	(0.7)	14.8	(0.8)	**2.4**	(1.1)	34.6	(0.6)	35.5	(0.5)	-0.9	(0.8)
	Chile	46.8	(1.0)	50.4	(0.6)	**-3.6**	(1.2)	18.6	(0.9)	14.9	(0.5)	**3.7**	(1.0)	34.6	(0.5)	34.7	(0.5)	-0.1	(0.8)
	Colombia	58.9	(0.8)	59.3	(1.0)	-0.4	(1.2)	13.4	(0.5)	12.5	(0.5)	0.9	(0.6)	27.8	(0.6)	28.2	(0.6)	-0.5	(0.9)
	Croatia	54.1	(0.6)	55.1	(1.0)	-1.0	(1.2)	9.8	(0.5)	9.8	(0.5)	-0.0	(0.7)	36.0	(0.5)	35.0	(0.9)	1.0	(1.0)
	Estonia	62.2	(0.6)	59.7	(0.9)	**2.5**	(1.2)	12.7	(0.4)	12.4	(0.6)	0.3	(0.7)	25.1	(0.4)	27.9	(0.6)	**-2.8**	(0.8)
	Hong Kong-China	a	a	61.0	(0.5)	a	a	a	a	13.9	(0.4)	a	a	a	a	25.2	(0.4)	a	a
	Indonesia	53.7	(0.7)	58.7	(2.9)	-5.0	(2.9)	15.8	(0.6)	14.6	(1.9)	1.2	(1.8)	30.5	(0.4)	26.7	(1.3)	**3.8**	(1.4)
	Israel	52.7	(1.2)	56.5	(1.4)	-3.8	(2.1)	19.1	(0.7)	17.4	(0.7)	1.6	(1.1)	28.2	(0.8)	26.1	(1.0)	2.1	(1.4)
	Jordan	41.7	(0.8)	44.7	(1.0)	**-3.0**	(1.3)	21.0	(0.5)	19.2	(0.8)	1.8	(1.1)	37.4	(0.5)	36.1	(0.6)	1.3	(0.7)
	Kyrgyzstan	33.1	(0.7)	47.5	(1.8)	**-14.4**	(1.9)	27.5	(0.6)	18.0	(1.4)	**9.4**	(1.6)	39.4	(0.4)	34.4	(1.0)	**5.0**	(1.0)
	Latvia	55.9	(0.6)	56.6	(0.9)	-0.7	(1.1)	10.6	(0.4)	10.0	(0.5)	0.6	(0.7)	33.5	(0.4)	33.4	(0.6)	0.0	(0.7)
	Liechtenstein	62.2	(1.4)	a	a	a	a	9.7	(1.0)	a	a	a	a	28.1	(1.3)	a	a	a	a
	Lithuania	56.6	(0.5)	57.9	(0.8)	-1.4	(0.9)	10.8	(0.4)	9.0	(0.4)	**1.8**	(0.5)	32.7	(0.4)	33.1	(0.6)	-0.4	(0.8)
	Macao-China	62.2	(0.9)	65.2	(0.4)	**-3.0**	(0.9)	16.2	(0.7)	14.2	(0.3)	**2.0**	(0.7)	21.6	(0.7)	20.6	(0.3)	1.0	(0.7)
	Montenegro	45.9	(0.5)	48.5	(0.9)	**-2.7**	(1.0)	16.6	(0.4)	15.2	(0.6)	1.3	(0.7)	37.5	(0.5)	36.2	(0.9)	1.3	(1.0)
	Qatar	40.2	(0.4)	42.7	(0.7)	**-2.5**	(0.8)	25.1	(0.4)	23.7	(0.6)	**1.4**	(0.6)	34.7	(0.3)	33.6	(0.6)	1.1	(0.7)
	Romania	46.2	(0.8)	50.1	(1.1)	**-3.9**	(1.4)	20.6	(0.7)	18.4	(0.9)	2.2	(1.2)	33.2	(0.6)	31.5	(0.8)	1.6	(0.9)
	Russian Federation	47.2	(0.7)	50.6	(0.8)	**-3.4**	(1.1)	15.6	(0.6)	14.2	(0.7)	1.4	(0.9)	37.3	(0.7)	35.2	(0.6)	**2.1**	(0.9)
	Serbia	56.1	(0.6)	57.9	(0.9)	-1.8	(1.1)	14.3	(0.5)	12.0	(0.6)	**2.2**	(0.7)	29.6	(0.5)	30.1	(0.7)	-0.5	(0.9)
	Slovenia	54.2	(0.5)	58.3	(0.6)	**-4.1**	(0.7)	14.2	(0.4)	11.4	(0.4)	**2.8**	(0.6)	31.6	(0.4)	30.3	(0.5)	**1.2**	(0.6)
	Chinese Taipei	65.8	(0.9)	62.6	(0.4)	**3.2**	(1.0)	10.9	(0.5)	13.0	(0.4)	**-2.1**	(0.7)	23.3	(0.6)	24.5	(0.3)	-1.2	(0.7)
	Thailand	63.8	(0.5)	64.2	(0.9)	-0.4	(1.0)	9.5	(0.4)	11.2	(1.0)	-1.7	(1.2)	26.7	(0.4)	24.6	(0.7)	**2.1**	(0.8)
	Tunisia	37.2	(0.4)	38.0	(1.2)	-0.8	(1.4)	26.0	(0.4)	25.7	(0.8)	0.2	(0.9)	36.8	(0.4)	36.2	(0.9)	0.6	(1.1)
	Uruguay	55.3	(0.7)	57.3	(0.8)	-1.9	(1.2)	12.2	(0.5)	11.8	(0.6)	0.3	(0.9)	32.5	(0.6)	30.9	(0.6)	**1.6**	(0.8)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.13b [Part 1/3] Mean learning hours and allocation of total learning time in mathematics, by school location

		Mean learning hours per week											
		Regular school lessons						Out-of-school-time lessons					
		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	3.99	(0.05)	4.17	(0.04)	**-0.18**	(0.06)	0.68	(0.02)	0.79	(0.02)	**-0.11**	(0.03)
	Austria	3.16	(0.06)	3.35	(0.09)	-0.19	(0.11)	0.50	(0.03)	0.52	(0.03)	-0.02	(0.04)
	Belgium	3.52	(0.05)	3.79	(0.14)	-0.27	(0.17)	0.52	(0.01)	0.67	(0.04)	**-0.15**	(0.04)
	Canada	4.51	(0.04)	4.53	(0.07)	-0.02	(0.08)	0.88	(0.02)	1.02	(0.04)	**-0.14**	(0.04)
	Czech Republic	3.98	(0.05)	4.12	(0.11)	-0.14	(0.13)	0.77	(0.02)	0.68	(0.04)	0.09	(0.05)
	Denmark	4.43	(0.04)	4.59	(0.08)	-0.15	(0.08)	1.36	(0.03)	1.46	(0.09)	-0.10	(0.11)
	Finland	3.46	(0.04)	3.42	(0.09)	0.04	(0.10)	0.37	(0.02)	0.37	(0.03)	-0.00	(0.04)
	France	a	a	3.84	(0.03)	a	a	a	a	0.93	(0.02)	a	a
	Germany	3.94	(0.04)	3.70	(0.06)	**0.25**	(0.07)	0.80	(0.03)	0.85	(0.07)	-0.05	(0.09)
	Greece	3.40	(0.06)	3.54	(0.08)	-0.14	(0.11)	2.27	(0.08)	2.16	(0.08)	0.12	(0.13)
	Hungary	3.26	(0.06)	3.32	(0.07)	-0.06	(0.08)	1.31	(0.03)	1.26	(0.05)	0.05	(0.06)
	Iceland	4.74	(0.03)	4.80	(0.04)	-0.06	(0.05)	0.69	(0.03)	0.82	(0.04)	**-0.14**	(0.05)
	Ireland	3.64	(0.04)	3.72	(0.05)	-0.09	(0.06)	0.72	(0.03)	0.70	(0.04)	0.03	(0.05)
	Italy	3.74	(0.04)	3.73	(0.06)	0.01	(0.08)	0.89	(0.02)	0.86	(0.03)	0.03	(0.04)
	Japan	4.05	(0.14)	4.34	(0.09)	-0.29	(0.19)	0.67	(0.06)	0.74	(0.04)	-0.07	(0.07)
	Korea	4.44	(0.13)	4.74	(0.05)	**-0.30**	(0.14)	1.69	(0.14)	2.38	(0.05)	**-0.69**	(0.15)
	Luxembourg	3.85	(0.03)	3.86	(0.07)	-0.01	(0.08)	0.84	(0.02)	0.78	(0.06)	0.06	(0.06)
	Mexico	3.73	(0.06)	4.15	(0.05)	**-0.42**	(0.08)	1.31	(0.05)	1.06	(0.04)	**0.25**	(0.06)
	Netherlands	2.87	(0.04)	2.89	(0.08)	-0.02	(0.09)	0.67	(0.02)	0.73	(0.05)	-0.06	(0.06)
	New Zealand	4.38	(0.04)	4.38	(0.04)	-0.00	(0.06)	0.61	(0.04)	0.75	(0.03)	**-0.14**	(0.06)
	Norway	3.37	(0.03)	3.45	(0.08)	-0.07	(0.08)	1.03	(0.02)	1.13	(0.06)	-0.09	(0.06)
	Poland	4.31	(0.04)	4.51	(0.08)	**-0.20**	(0.09)	0.77	(0.03)	0.81	(0.04)	-0.05	(0.05)
	Portugal	3.56	(0.05)	3.78	(0.10)	-0.23	(0.13)	0.79	(0.03)	0.91	(0.05)	**-0.12**	(0.06)
	Slovak Republic	3.31	(0.06)	3.15	(0.15)	**1.78**	(0.17)	0.87	(0.03)	1.00	(0.11)	-0.14	(0.11)
	Spain	3.38	(0.04)	3.48	(0.05)	-0.10	(0.06)	1.06	(0.03)	0.90	(0.04)	**0.16**	(0.05)
	Sweden	3.08	(0.03)	3.09	(0.06)	-0.01	(0.07)	0.60	(0.02)	0.65	(0.03)	-0.05	(0.04)
	Switzerland	3.90	(0.04)	3.73	(0.12)	0.17	(0.14)	0.72	(0.02)	0.62	(0.06)	0.10	(0.06)
	Turkey	3.76	(0.09)	3.88	(0.11)	-0.11	(0.16)	1.99	(0.06)	2.16	(0.08)	-0.17	(0.11)
	United Kingdom	3.78	(0.03)	3.74	(0.07)	0.05	(0.08)	0.56	(0.02)	0.74	(0.05)	**-0.18**	(0.05)
	United States	3.85	(0.05)	3.64	(0.08)	**0.20**	(0.10)	1.06	(0.03)	1.30	(0.06)	**-0.23**	(0.06)
	OECD average	3.77	(0.01)	3.85	(0.02)	-0.02	(0.02)	0.93	(0.01)	0.99	(0.01)	**-0.06**	(0.01)
Partners	Argentina	2.87	(0.09)	3.07	(0.08)	-0.20	(0.13)	0.80	(0.04)	0.75	(0.05)	0.05	(0.07)
	Azerbaijan	3.65	(0.06)	4.26	(0.13)	**-0.61**	(0.14)	1.66	(0.05)	1.83	(0.09)	-0.17	(0.10)
	Brazil	3.03	(0.05)	3.33	(0.05)	**-0.30**	(0.08)	1.18	(0.03)	1.26	(0.05)	-0.09	(0.06)
	Bulgaria	2.91	(0.08)	3.11	(0.12)	-0.20	(0.14)	1.16	(0.05)	1.10	(0.04)	0.06	(0.07)
	Chile	3.25	(0.13)	3.65	(0.08)	**-0.40**	(0.17)	1.08	(0.05)	0.94	(0.03)	**0.14**	(0.06)
	Colombia	4.15	(0.07)	4.31	(0.11)	-0.16	(0.13)	1.25	(0.05)	1.20	(0.04)	0.04	(0.07)
	Croatia	3.01	(0.04)	3.11	(0.07)	-0.10	(0.08)	0.73	(0.03)	0.83	(0.04)	-0.09	(0.05)
	Estonia	4.20	(0.05)	4.18	(0.07)	0.03	(0.08)	1.00	(0.03)	0.97	(0.05)	0.02	(0.06)
	Hong Kong-China	a	a	5.23	(0.04)	a	a	a	a	1.39	(0.04)	a	a
	Indonesia	4.04	(0.07)	4.30	(0.18)	-0.25	(0.18)	1.37	(0.05)	1.28	(0.12)	0.09	(0.14)
	Israel	4.03	(0.06)	4.24	(0.07)	**-0.21**	(0.10)	2.16	(0.06)	2.13	(0.07)	0.03	(0.09)
	Jordan	3.38	(0.07)	3.63	(0.09)	**-0.25**	(0.12)	1.84	(0.05)	1.79	(0.07)	0.05	(0.09)
	Kyrgyzstan	2.76	(0.06)	3.50	(0.14)	**-0.74**	(0.15)	1.59	(0.04)	1.42	(0.10)	0.16	(0.11)
	Latvia	4.48	(0.05)	4.51	(0.08)	-0.02	(0.10)	1.19	(0.05)	1.21	(0.06)	-0.02	(0.08)
	Liechtenstein	3.98	(0.09)	a	a	a	a	0.54	(0.05)	a	a	a	a
	Lithuania	3.40	(0.05)	3.65	(0.06)	**-0.25**	(0.08)	0.76	(0.02)	0.71	(0.03)	0.05	(0.03)
	Macao-China	5.38	(0.06)	5.41	(0.03)	-0.03	(0.07)	1.35	(0.06)	1.17	(0.03)	**0.18**	(0.07)
	Montenegro	3.14	(0.04)	2.98	(0.06)	**0.16**	(0.08)	0.91	(0.02)	0.96	(0.05)	-0.04	(0.06)
	Qatar	3.01	(0.04)	3.43	(0.05)	**-0.42**	(0.06)	1.87	(0.03)	1.80	(0.05)	0.07	(0.06)
	Romania	2.99	(0.08)	3.02	(0.12)	-0.03	(0.15)	1.51	(0.05)	1.49	(0.06)	0.02	(0.08)
	Russian Federation	3.63	(0.07)	3.64	(0.09)	-0.01	(0.11)	1.16	(0.05)	1.08	(0.04)	0.08	(0.07)
	Serbia	3.21	(0.06)	3.37	(0.07)	-0.16	(0.09)	0.96	(0.03)	0.98	(0.04)	-0.02	(0.05)
	Slovenia	3.28	(0.03)	3.42	(0.04)	**-0.14**	(0.05)	1.05	(0.03)	0.98	(0.04)	0.07	(0.05)
	Chinese Taipei	4.06	(0.14)	4.36	(0.10)	-0.29	(0.21)	1.21	(0.07)	1.69	(0.06)	**-0.49**	(0.11)
	Thailand	3.71	(0.06)	3.97	(0.15)	-0.26	(0.20)	0.87	(0.04)	1.06	(0.10)	-0.19	(0.12)
	Tunisia	3.34	(0.05)	3.66	(0.13)	**-0.32**	(0.14)	2.38	(0.04)	2.63	(0.09)	**-0.24**	(0.10)
	Uruguay	3.26	(0.05)	3.39	(0.05)	-0.13	(0.08)	0.83	(0.04)	0.85	(0.04)	-0.01	(0.05)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.13b [Part 2/3] Mean learning hours and allocation of total learning time in mathematics, by school location

		Mean learning hours per week											
		Individual study						Total learning hours					
		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	1.50	(0.03)	1.98	(0.04)	**-0.48**	(0.05)	6.19	(0.07)	6.94	(0.07)	**-0.75**	(0.11)
	Austria	2.08	(0.05)	2.22	(0.05)	**-0.13**	(0.07)	5.77	(0.10)	6.10	(0.13)	-0.33	(0.17)
	Belgium	1.78	(0.03)	1.82	(0.09)	-0.05	(0.10)	5.83	(0.07)	6.28	(0.23)	-0.45	(0.27)
	Canada	1.78	(0.03)	2.23	(0.06)	**-0.45**	(0.07)	7.21	(0.07)	7.81	(0.13)	**-0.60**	(0.14)
	Czech Republic	1.32	(0.04)	1.28	(0.06)	0.04	(0.08)	6.06	(0.09)	6.07	(0.18)	-0.00	(0.20)
	Denmark	1.73	(0.03)	1.84	(0.10)	-0.11	(0.11)	7.50	(0.07)	7.85	(0.21)	-0.35	(0.24)
	Finland	1.20	(0.02)	1.21	(0.04)	-0.00	(0.04)	5.03	(0.06)	5.00	(0.11)	0.04	(0.12)
	France	a	a	1.74	(0.03)	a	a	a	a	6.50	(0.06)	a	a
	Germany	2.30	(0.04)	2.14	(0.06)	**0.16**	(0.07)	7.06	(0.09)	6.69	(0.15)	**0.37**	(0.17)
	Greece	2.03	(0.04)	1.97	(0.06)	0.05	(0.08)	7.71	(0.15)	7.71	(0.15)	0.00	(0.24)
	Hungary	1.86	(0.04)	1.81	(0.06)	0.05	(0.07)	6.44	(0.10)	6.40	(0.14)	0.04	(0.17)
	Iceland	1.69	(0.03)	1.76	(0.05)	-0.06	(0.06)	7.12	(0.05)	7.37	(0.09)	**-0.25**	(0.11)
	Ireland	1.76	(0.04)	1.80	(0.06)	-0.04	(0.07)	6.12	(0.08)	6.22	(0.11)	-0.11	(0.14)
	Italy	2.50	(0.04)	2.46	(0.06)	0.03	(0.07)	7.14	(0.09)	7.07	(0.12)	0.07	(0.14)
	Japan	1.39	(0.10)	1.53	(0.07)	-0.14	(0.13)	6.11	(0.25)	6.60	(0.18)	-0.49	(0.33)
	Korea	1.83	(0.10)	2.40	(0.08)	**-0.57**	(0.13)	8.05	(0.29)	9.54	(0.14)	**-1.50**	(0.34)
	Luxembourg	1.72	(0.02)	1.57	(0.06)	**0.16**	(0.06)	6.44	(0.05)	6.21	(0.13)	0.23	(0.14)
	Mexico	2.28	(0.05)	2.24	(0.03)	0.04	(0.06)	7.27	(0.10)	7.44	(0.08)	-0.16	(0.13)
	Netherlands	1.42	(0.04)	1.61	(0.06)	**-0.19**	(0.07)	4.95	(0.08)	5.21	(0.15)	-0.26	(0.17)
	New Zealand	1.45	(0.05)	1.71	(0.04)	**-0.26**	(0.06)	6.45	(0.09)	6.84	(0.07)	**-0.40**	(0.13)
	Norway	1.36	(0.03)	1.61	(0.09)	**-0.25**	(0.09)	5.77	(0.06)	6.15	(0.17)	**-0.37**	(0.18)
	Poland	2.09	(0.03)	2.10	(0.04)	-0.01	(0.05)	7.16	(0.08)	7.43	(0.10)	**-0.27**	(0.12)
	Portugal	1.94	(0.04)	2.04	(0.07)	-0.10	(0.08)	6.29	(0.09)	6.72	(0.17)	**-0.44**	(0.21)
	Slovak Republic	1.68	(0.04)	1.73	(0.12)	-0.05	(0.12)	5.87	(0.11)	5.89	(0.33)	-0.02	(0.36)
	Spain	1.93	(0.04)	2.01	(0.05)	-0.07	(0.06)	6.41	(0.08)	6.41	(0.09)	0.00	(0.12)
	Sweden	1.13	(0.03)	1.35	(0.04)	**-0.21**	(0.05)	4.82	(0.05)	5.09	(0.11)	**-0.28**	(0.12)
	Switzerland	1.70	(0.02)	1.67	(0.05)	0.03	(0.06)	6.34	(0.06)	6.03	(0.17)	0.31	(0.19)
	Turkey	2.28	(0.05)	2.33	(0.08)	-0.05	(0.09)	8.00	(0.19)	8.34	(0.25)	-0.34	(0.34)
	United Kingdom	1.47	(0.02)	1.54	(0.05)	-0.07	(0.06)	5.82	(0.05)	6.02	(0.12)	-0.20	(0.12)
	United States	1.99	(0.03)	2.17	(0.04)	**-0.19**	(0.06)	6.96	(0.08)	7.12	(0.11)	-0.16	(0.14)
	OECD average	1.77	(0.01)	1.86	(0.01)	**-0.10**	(0.01)	6.48	(0.02)	6.70	(0.03)	**-0.23**	(0.04)
Partners	Argentina	1.83	(0.05)	1.82	(0.06)	0.02	(0.07)	5.51	(0.14)	5.64	(0.14)	-0.13	(0.20)
	Azerbaijan	2.88	(0.07)	3.17	(0.13)	-0.29	(0.15)	8.24	(0.15)	9.33	(0.29)	**-1.09**	(0.32)
	Brazil	1.78	(0.04)	1.84	(0.05)	-0.06	(0.07)	5.95	(0.10)	6.43	(0.13)	**-0.48**	(0.17)
	Bulgaria	2.01	(0.07)	2.22	(0.14)	-0.21	(0.15)	6.10	(0.18)	6.47	(0.27)	-0.37	(0.32)
	Chile	1.63	(0.06)	1.58	(0.04)	0.05	(0.07)	5.99	(0.20)	6.21	(0.11)	-0.21	(0.24)
	Colombia	1.93	(0.05)	1.94	(0.05)	-0.00	(0.06)	7.31	(0.11)	7.46	(0.14)	-0.15	(0.18)
	Croatia	1.82	(0.04)	1.77	(0.05)	0.05	(0.06)	5.60	(0.07)	5.76	(0.09)	-0.16	(0.12)
	Estonia	1.92	(0.04)	2.04	(0.05)	**-0.12**	(0.06)	7.13	(0.08)	7.19	(0.12)	-0.06	(0.14)
	Hong Kong-China	a	a	2.24	(0.04)	a	a	a	a	8.87	(0.08)	a	a
	Indonesia	2.01	(0.03)	1.90	(0.07)	0.11	(0.08)	7.42	(0.11)	7.49	(0.17)	-0.08	(0.19)
	Israel	2.32	(0.07)	2.33	(0.08)	-0.01	(0.10)	8.56	(0.15)	8.82	(0.17)	-0.26	(0.23)
	Jordan	2.68	(0.05)	2.71	(0.07)	-0.03	(0.09)	7.88	(0.12)	8.09	(0.13)	-0.22	(0.19)
	Kyrgyzstan	2.22	(0.04)	2.16	(0.07)	0.06	(0.08)	6.63	(0.11)	7.12	(0.18)	**-0.48**	(0.21)
	Latvia	2.48	(0.05)	2.36	(0.06)	0.12	(0.08)	8.17	(0.10)	8.08	(0.16)	0.09	(0.20)
	Liechtenstein	1.49	(0.07)	a	a	a	a	6.00	(0.13)	a	a	a	a
	Lithuania	1.74	(0.04)	1.84	(0.04)	-0.10	(0.06)	5.89	(0.08)	6.21	(0.10)	**-0.31**	(0.14)
	Macao-China	1.90	(0.06)	2.10	(0.03)	**-0.20**	(0.06)	8.63	(0.11)	8.69	(0.06)	-0.06	(0.13)
	Montenegro	2.07	(0.04)	1.97	(0.06)	0.10	(0.07)	6.10	(0.08)	5.88	(0.12)	0.22	(0.14)
	Qatar	2.21	(0.03)	2.31	(0.04)	**-0.10**	(0.05)	7.12	(0.08)	7.56	(0.12)	**-0.44**	(0.14)
	Romania	2.12	(0.06)	2.20	(0.07)	-0.07	(0.11)	6.63	(0.17)	6.71	(0.19)	-0.08	(0.29)
	Russian Federation	2.30	(0.06)	2.13	(0.06)	**0.17**	(0.08)	7.08	(0.12)	6.86	(0.15)	0.22	(0.19)
	Serbia	1.77	(0.04)	1.88	(0.05)	-0.11	(0.07)	5.94	(0.10)	6.24	(0.13)	-0.30	(0.18)
	Slovenia	1.94	(0.03)	1.91	(0.04)	0.03	(0.05)	6.30	(0.06)	6.32	(0.09)	-0.02	(0.11)
	Chinese Taipei	1.69	(0.07)	1.97	(0.06)	**-0.28**	(0.11)	7.01	(0.27)	8.09	(0.20)	**-1.08**	(0.41)
	Thailand	1.80	(0.04)	1.82	(0.08)	-0.02	(0.11)	6.37	(0.12)	6.86	(0.31)	-0.48	(0.40)
	Tunisia	2.57	(0.05)	2.57	(0.09)	-0.00	(0.10)	8.28	(0.11)	8.88	(0.26)	**-0.60**	(0.29)
	Uruguay	1.56	(0.04)	1.59	(0.04)	-0.04	(0.06)	5.67	(0.10)	5.85	(0.10)	-0.18	(0.14)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.13b [Part 3/3] Mean learning hours and allocation of total learning time in mathematics, by school location

		Allocation of total learning time in mathematics for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)	
		%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.
OECD	Australia	68.1	(0.5)	64.3	(0.4)	**3.8**	(0.7)	9.2	(0.3)	9.3	(0.2)	-0.1	(0.4)	22.7	(0.4)	26.4	(0.3)	**-3.7**	(0.5)
	Austria	58.3	(0.6)	58.9	(0.7)	-0.5	(0.9)	6.8	(0.4)	6.3	(0.3)	0.5	(0.5)	34.9	(0.5)	34.8	(0.6)	0.1	(0.8)
	Belgium	63.3	(0.3)	62.4	(0.7)	0.9	(0.7)	7.6	(0.2)	9.4	(0.7)	**-1.8**	(0.8)	29.2	(0.3)	28.2	(0.6)	0.9	(0.6)
	Canada	65.2	(0.3)	60.9	(0.5)	**4.3**	(0.6)	11.0	(0.2)	11.8	(0.4)	-0.8	(0.4)	23.7	(0.3)	27.3	(0.4)	**-3.6**	(0.5)
	Czech Republic	70.1	(0.5)	71.9	(0.8)	-1.8	(1.0)	10.0	(0.2)	8.8	(0.5)	**1.2**	(0.5)	19.9	(0.4)	19.3	(0.6)	0.6	(0.8)
	Denmark	62.5	(0.4)	62.5	(1.0)	0.0	(1.1)	16.0	(0.3)	16.1	(0.8)	-0.1	(0.9)	21.5	(0.2)	21.4	(0.7)	0.1	(0.8)
	Finland	71.1	(0.4)	71.1	(0.9)	0.0	(0.9)	6.0	(0.2)	5.7	(0.5)	0.3	(0.5)	22.9	(0.3)	23.2	(0.6)	-0.4	(0.6)
	France	a	a	62.6	(0.3)	a	a	a	a	12.6	(0.2)	a	a	a	a	24.8	(0.3)	a	a
	Germany	58.7	(0.4)	58.4	(0.8)	0.3	(1.0)	9.4	(0.4)	10.7	(0.7)	-1.2	(0.9)	31.9	(0.3)	30.9	(0.5)	1.0	(0.6)
	Greece	48.8	(0.6)	50.1	(1.0)	-1.4	(1.1)	26.3	(0.7)	25.5	(0.9)	0.8	(1.2)	24.9	(0.5)	24.3	(0.6)	0.6	(0.7)
	Hungary	53.5	(0.6)	55.3	(0.7)	**-1.8**	(0.9)	18.2	(0.4)	17.2	(0.5)	1.0	(0.7)	28.3	(0.4)	27.5	(0.5)	0.8	(0.7)
	Iceland	69.7	(0.4)	68.7	(0.6)	1.0	(0.7)	8.2	(0.3)	9.3	(0.4)	**-1.1**	(0.5)	22.0	(0.3)	22.0	(0.4)	0.1	(0.5)
	Ireland	63.4	(0.5)	63.9	(0.7)	-0.4	(0.9)	9.7	(0.4)	8.9	(0.3)	0.8	(0.5)	26.9	(0.4)	27.3	(0.7)	-0.4	(0.7)
	Italy	54.8	(0.3)	55.5	(0.5)	-0.7	(0.6)	10.8	(0.2)	10.5	(0.4)	0.3	(0.5)	34.4	(0.2)	34.0	(0.4)	0.4	(0.5)
	Japan	72.2	(1.0)	71.5	(0.6)	0.7	(1.1)	8.4	(0.5)	8.8	(0.4)	-0.3	(0.6)	19.4	(0.8)	19.8	(0.5)	-0.4	(0.9)
	Korea	62.4	(1.4)	56.0	(0.5)	**6.4**	(1.6)	17.5	(1.2)	21.5	(0.3)	**-4.0**	(1.3)	20.1	(0.6)	22.5	(0.4)	**-2.4**	(0.8)
	Luxembourg	63.1	(0.3)	64.7	(1.1)	-1.5	(1.1)	11.1	(0.2)	10.8	(0.7)	0.3	(0.7)	25.7	(0.3)	24.5	(0.7)	1.2	(0.8)
	Mexico	51.9	(0.7)	56.9	(0.5)	**-5.0**	(0.9)	16.1	(0.5)	12.8	(0.4)	**3.3**	(0.7)	32.0	(0.4)	30.3	(0.4)	**1.7**	(0.6)
	Netherlands	60.7	(0.5)	58.3	(0.8)	**2.4**	(1.0)	11.9	(0.4)	12.3	(0.9)	-0.3	(1.0)	27.4	(0.5)	29.4	(0.8)	**-2.0**	(1.0)
	New Zealand	71.7	(0.7)	67.7	(0.5)	**4.0**	(0.9)	7.7	(0.4)	9.2	(0.4)	**-1.5**	(0.6)	20.5	(0.4)	23.1	(0.4)	**-2.6**	(0.6)
	Norway	62.5	(0.5)	60.0	(0.8)	**2.4**	(1.0)	15.9	(0.3)	16.3	(0.7)	-0.4	(0.8)	21.6	(0.3)	23.7	(0.8)	**-2.1**	(0.8)
	Poland	62.2	(0.4)	63.3	(0.5)	-1.1	(0.6)	10.0	(0.3)	10.3	(0.5)	-0.3	(0.6)	27.8	(0.3)	26.4	(0.5)	**1.3**	(0.6)
	Portugal	58.8	(0.5)	59.1	(0.6)	-0.3	(0.8)	11.5	(0.4)	11.9	(0.5)	-0.3	(0.6)	29.7	(0.4)	29.0	(0.8)	0.6	(0.9)
	Slovak Republic	60.8	(0.6)	59.1	(1.4)	1.7	(1.5)	12.3	(0.4)	13.9	(0.9)	-1.6	(0.9)	26.9	(0.4)	27.0	(0.9)	-0.1	(1.0)
	Spain	57.3	(0.4)	58.2	(0.6)	-0.9	(0.8)	13.9	(0.3)	11.8	(0.5)	**2.2**	(0.6)	28.8	(0.3)	30.0	(0.5)	**-1.2**	(0.6)
	Sweden	68.9	(0.6)	65.5	(0.8)	**3.4**	(1.0)	9.8	(0.3)	10.0	(0.4)	-0.2	(0.5)	21.3	(0.4)	24.5	(0.7)	**-3.2**	(0.8)
	Switzerland	63.5	(0.4)	64.0	(1.1)	-0.5	(1.2)	9.8	(0.3)	8.5	(0.7)	1.3	(0.7)	26.7	(0.2)	27.5	(0.9)	-0.8	(1.0)
	Turkey	51.1	(0.6)	50.4	(0.6)	0.7	(0.8)	22.3	(0.6)	23.0	(0.5)	-0.7	(0.8)	26.6	(0.5)	26.6	(0.4)	0.0	(0.6)
	United Kingdom	67.8	(0.4)	65.5	(0.7)	**2.3**	(0.8)	8.1	(0.2)	10.1	(0.6)	**-2.0**	(0.7)	24.1	(0.3)	24.4	(0.5)	-0.3	(0.5)
	United States	57.1	(0.4)	52.3	(1.0)	**4.8**	(1.2)	14.2	(0.4)	17.3	(0.8)	**-3.1**	(0.9)	28.7	(0.3)	30.3	(0.5)	**-1.7**	(0.6)
	OECD average	62.1	(0.1)	61.3	(0.1)	**0.8**	(0.2)	12.1	(0.1)	12.4	(0.1)	**-0.3**	(0.1)	25.9	(0.1)	26.3	(0.1)	**-0.5**	(0.1)
Partners	Argentina	54.2	(0.8)	56.2	(1.0)	-2.0	(1.3)	12.9	(0.7)	11.6	(0.6)	1.3	(0.9)	32.9	(0.5)	32.3	(0.8)	**0.7**	(1.0)
	Azerbaijan	46.4	(0.6)	49.5	(1.0)	**-3.1**	(1.2)	18.8	(0.5)	17.9	(0.7)	0.9	(0.8)	34.8	(0.5)	32.6	(0.9)	**2.2**	(1.0)
	Brazil	53.9	(0.6)	55.1	(0.7)	-1.1	(0.9)	17.3	(0.5)	17.3	(0.6)	0.0	(0.8)	28.7	(0.4)	27.7	(0.5)	1.1	(0.6)
	Bulgaria	51.0	(0.7)	51.5	(0.7)	-0.5	(1.0)	17.3	(0.7)	15.0	(0.5)	**2.3**	(0.9)	31.7	(0.6)	33.5	(0.7)	-1.8	(0.9)
	Chile	54.4	(1.0)	58.7	(0.6)	**-4.3**	(1.2)	16.7	(0.5)	14.1	(0.4)	**2.6**	(0.7)	28.9	(0.7)	27.2	(0.5)	1.7	(0.9)
	Colombia	60.5	(0.7)	61.1	(0.9)	-0.6	(1.1)	14.2	(0.5)	14.1	(0.5)	0.1	(0.7)	25.3	(0.5)	24.8	(0.5)	0.5	(0.7)
	Croatia	58.1	(0.6)	58.8	(0.9)	-0.7	(1.0)	11.1	(0.4)	12.2	(0.5)	-1.1	(0.7)	30.9	(0.5)	29.1	(0.7)	**1.8**	(0.8)
	Estonia	62.7	(0.5)	60.9	(0.7)	**1.8**	(0.8)	12.3	(0.3)	12.4	(0.7)	-0.1	(0.8)	25.0	(0.3)	26.7	(0.6)	**-1.7**	(0.6)
	Hong Kong-China	a	a	62.6	(0.4)	a	a	a	a	14.0	(0.3)	a	a	a	a	23.4	(0.3)	a	a
	Indonesia	56.7	(0.6)	59.4	(2.2)	-2.7	(2.3)	16.5	(0.5)	15.5	(1.4)	1.0	(1.5)	26.8	(0.4)	25.1	(0.8)	1.7	(0.9)
	Israel	50.7	(0.9)	52.3	(1.0)	-1.6	(1.4)	23.5	(0.5)	22.5	(0.4)	1.0	(0.7)	25.8	(0.6)	25.2	(0.7)	0.6	(0.9)
	Jordan	42.3	(0.6)	44.5	(1.0)	-2.3	(1.3)	22.9	(0.6)	21.5	(0.8)	1.4	(1.1)	34.8	(0.5)	34.0	(0.7)	0.8	(0.9)
	Kyrgyzstan	40.0	(0.5)	51.7	(1.8)	**-11.7**	(1.9)	25.3	(0.6)	18.4	(1.3)	**6.8**	(1.4)	34.7	(0.5)	29.8	(1.1)	**4.9**	(1.1)
	Latvia	58.0	(0.5)	58.8	(0.6)	-0.9	(0.8)	13.2	(0.5)	13.5	(0.5)	-0.3	(0.7)	28.8	(0.4)	27.7	(0.4)	**1.1**	(0.6)
	Liechtenstein	67.1	(1.2)	a	a	a	a	7.9	(0.6)	a	a	a	a	24.9	(1.0)	a	a	a	a
	Lithuania	60.3	(0.5)	61.4	(0.5)	-1.1	(0.7)	12.1	(0.4)	10.6	(0.4)	**1.5**	(0.6)	27.6	(0.4)	28.1	(0.6)	-0.4	(0.7)
	Macao-China	66.6	(0.8)	66.2	(0.4)	0.4	(0.9)	13.2	(0.5)	11.6	(0.3)	**1.6**	(0.6)	20.3	(0.6)	22.2	(0.3)	**-2.0**	(0.6)
	Montenegro	52.3	(0.4)	52.8	(0.9)	-0.5	(0.9)	13.2	(0.3)	13.8	(0.7)	-0.6	(0.8)	34.5	(0.4)	33.4	(0.7)	1.1	(0.7)
	Qatar	42.7	(0.4)	45.3	(0.5)	**-2.6**	(0.7)	25.5	(0.4)	23.6	(0.5)	**1.8**	(0.7)	31.8	(0.3)	31.0	(0.4)	0.8	(0.6)
	Romania	49.1	(0.7)	50.0	(0.9)	-0.9	(1.2)	20.3	(0.5)	19.2	(0.6)	1.2	(0.8)	30.6	(0.4)	30.9	(0.6)	-0.3	(0.8)
	Russian Federation	52.7	(0.7)	55.6	(0.7)	**-2.9**	(0.8)	16.4	(0.8)	14.8	(0.6)	1.6	(0.8)	30.9	(0.6)	29.6	(0.6)	1.3	(0.8)
	Serbia	59.2	(0.6)	59.3	(0.7)	-0.1	(0.9)	12.9	(0.3)	13.1	(0.5)	-0.2	(0.6)	27.9	(0.5)	27.6	(0.5)	0.3	(0.7)
	Slovenia	54.7	(0.4)	57.0	(0.5)	**-2.2**	(0.7)	14.9	(0.3)	13.6	(0.4)	**1.3**	(0.5)	30.4	(0.4)	29.4	(0.4)	1.0	(0.6)
	Chinese Taipei	62.3	(0.9)	58.4	(0.5)	**4.0**	(1.2)	14.4	(0.7)	18.2	(0.4)	**-3.7**	(1.0)	23.2	(0.5)	23.5	(0.3)	-0.2	(0.6)
	Thailand	63.3	(0.5)	63.6	(0.7)	-0.2	(1.0)	10.5	(0.4)	11.1	(0.8)	-0.6	(1.1)	26.2	(0.3)	25.3	(0.6)	0.9	(0.7)
	Tunisia	41.6	(0.4)	42.4	(1.2)	-0.8	(1.3)	26.9	(0.3)	27.9	(0.8)	-1.0	(0.9)	31.5	(0.4)	29.7	(0.8)	1.8	(1.0)
	Uruguay	60.6	(0.6)	61.1	(0.5)	-0.5	(0.8)	12.4	(0.5)	12.5	(0.4)	-0.1	(0.6)	27.0	(0.4)	26.5	(0.4)	0.6	(0.6)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.13c [Part 1/3] Mean learning hours and allocation of total learning time on the language of instruction, by school location

		Mean learning hours per week											
		Regular school lessons						Out-of-school-time lessons					
		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	3.97	(0.05)	4.12	(0.04)	**-0.15**	(0.07)	0.64	(0.02)	0.67	(0.02)	-0.04	(0.03)
	Austria	2.84	(0.04)	2.94	(0.09)	-0.10	(0.10)	0.24	(0.02)	0.22	(0.03)	0.02	(0.04)
	Belgium	3.39	(0.04)	3.82	(0.10)	**-0.43**	(0.13)	0.44	(0.02)	0.51	(0.04)	-0.07	(0.05)
	Canada	4.44	(0.04)	4.44	(0.07)	0.00	(0.08)	0.84	(0.02)	0.91	(0.04)	-0.07	(0.04)
	Czech Republic	3.73	(0.04)	3.69	(0.10)	0.04	(0.11)	0.63	(0.02)	0.52	(0.04)	**0.11**	(0.04)
	Denmark	5.51	(0.05)	5.56	(0.10)	-0.05	(0.11)	1.70	(0.04)	1.69	(0.10)	0.01	(0.10)
	Finland	3.13	(0.05)	3.14	(0.10)	-0.01	(0.11)	0.37	(0.02)	0.35	(0.02)	0.01	(0.03)
	France	a	a	4.01	(0.03)	a	a	a	a	0.77	(0.02)	a	a
	Germany	3.69	(0.04)	3.58	(0.06)	0.12	(0.08)	0.59	(0.03)	0.62	(0.07)	-0.03	(0.08)
	Greece	3.13	(0.06)	3.26	(0.08)	-0.13	(0.11)	1.63	(0.05)	1.62	(0.07)	0.01	(0.09)
	Hungary	3.12	(0.06)	3.27	(0.08)	-0.15	(0.10)	1.31	(0.04)	1.31	(0.04)	0.01	(0.06)
	Iceland	4.51	(0.03)	4.58	(0.04)	-0.07	(0.05)	0.46	(0.02)	0.50	(0.03)	-0.04	(0.04)
	Ireland	3.54	(0.04)	3.58	(0.06)	-0.05	(0.07)	0.67	(0.03)	0.54	(0.05)	**0.13**	(0.06)
	Italy	4.61	(0.04)	4.62	(0.08)	-0.01	(0.09)	0.82	(0.03)	0.71	(0.04)	**0.11**	(0.05)
	Japan	3.67	(0.07)	3.90	(0.07)	**-0.22**	(0.11)	0.45	(0.04)	0.42	(0.03)	0.03	(0.05)
	Korea	4.37	(0.13)	4.49	(0.05)	-0.12	(0.13)	1.16	(0.11)	1.50	(0.04)	**-0.34**	(0.12)
	Luxembourg	3.49	(0.03)	3.69	(0.09)	**-0.20**	(0.09)	0.60	(0.02)	0.53	(0.06)	0.07	(0.06)
	Mexico	3.54	(0.05)	3.92	(0.05)	**-0.38**	(0.08)	1.23	(0.04)	0.98	(0.04)	**0.25**	(0.06)
	Netherlands	2.94	(0.03)	2.85	(0.06)	0.09	(0.08)	0.64	(0.03)	0.63	(0.06)	0.01	(0.07)
	New Zealand	4.38	(0.04)	4.40	(0.04)	-0.02	(0.06)	0.62	(0.05)	0.68	(0.02)	-0.05	(0.05)
	Norway	3.57	(0.04)	3.74	(0.09)	-0.17	(0.10)	1.15	(0.03)	1.27	(0.08)	**-0.12**	(0.08)
	Poland	4.58	(0.04)	4.83	(0.06)	**-0.25**	(0.07)	0.72	(0.03)	0.65	(0.04)	0.07	(0.05)
	Portugal	3.24	(0.03)	3.38	(0.07)	-0.15	(0.08)	0.59	(0.02)	0.47	(0.04)	0.12	(0.05)
	Slovak Republic	3.15	(0.06)	2.94	(0.14)	0.20	(0.16)	0.89	(0.03)	0.87	(0.09)	0.02	(0.10)
	Spain	3.59	(0.04)	3.63	(0.06)	-0.05	(0.08)	0.61	(0.03)	0.54	(0.04)	0.07	(0.05)
	Sweden	3.10	(0.04)	3.13	(0.07)	-0.03	(0.07)	0.66	(0.02)	0.73	(0.04)	-0.07	(0.05)
	Switzerland	3.66	(0.04)	3.66	(0.16)	0.01	(0.16)	0.49	(0.02)	0.46	(0.07)	0.03	(0.08)
	Turkey	3.97	(0.09)	4.01	(0.08)	-0.04	(0.13)	1.85	(0.07)	1.78	(0.07)	0.07	(0.10)
	United Kingdom	3.90	(0.04)	3.83	(0.08)	0.07	(0.09)	0.52	(0.02)	0.70	(0.05)	**-0.18**	(0.05)
	United States	3.72	(0.05)	3.49	(0.08)	**0.23**	(0.10)	1.04	(0.03)	1.25	(0.06)	**-0.21**	(0.07)
	OECD average	3.74	(0.01)	3.82	(0.01)	**-0.07**	(0.02)	0.81	(0.01)	0.81	(0.01)	-0.00	(0.01)
Partners	Argentina	2.30	(0.06)	2.53	(0.10)	**-0.23**	(0.12)	0.46	(0.04)	0.38	(0.04)	0.08	(0.06)
	Azerbaijan	3.60	(0.05)	4.00	(0.08)	**-0.40**	(0.10)	1.79	(0.05)	1.84	(0.10)	-0.05	(0.11)
	Brazil	3.00	(0.06)	3.24	(0.05)	**-0.24**	(0.07)	1.17	(0.03)	1.21	(0.05)	-0.03	(0.06)
	Bulgaria	2.84	(0.06)	3.03	(0.06)	**-0.19**	(0.09)	1.10	(0.05)	1.08	(0.05)	0.02	(0.07)
	Chile	3.29	(0.12)	3.54	(0.08)	-0.25	(0.16)	1.15	(0.06)	0.89	(0.03)	**0.26**	(0.06)
	Colombia	3.94	(0.08)	3.92	(0.07)	0.02	(0.11)	1.18	(0.04)	1.11	(0.04)	0.06	(0.06)
	Croatia	3.31	(0.05)	3.37	(0.06)	-0.06	(0.08)	0.42	(0.02)	0.34	(0.03)	**0.08**	(0.03)
	Estonia	3.50	(0.04)	3.43	(0.06)	0.07	(0.07)	0.90	(0.03)	0.84	(0.05)	0.06	(0.06)
	Hong Kong-China	a	a	5.19	(0.04)	a	a	a	a	0.81	(0.03)	a	a
	Indonesia	3.67	(0.07)	3.49	(0.09)	0.19	(0.12)	1.31	(0.04)	0.98	(0.08)	**0.33**	(0.08)
	Israel	3.03	(0.06)	3.03	(0.07)	-0.00	(0.09)	1.41	(0.05)	1.22	(0.06)	**0.19**	(0.09)
	Jordan	3.47	(0.08)	3.71	(0.09)	-0.24	(0.13)	1.85	(0.05)	1.66	(0.07)	**0.19**	(0.09)
	Kyrgyzstan	2.66	(0.06)	3.22	(0.13)	**-0.57**	(0.14)	1.77	(0.04)	1.38	(0.09)	**0.39**	(0.10)
	Latvia	3.77	(0.05)	3.55	(0.06)	**0.22**	(0.09)	0.93	(0.05)	0.77	(0.03)	**0.16**	(0.06)
	Liechtenstein	3.68	(0.09)	a	a	a	a	0.30	(0.04)	a	a	a	a
	Lithuania	3.62	(0.04)	3.72	(0.06)	-0.11	(0.07)	0.72	(0.03)	0.56	(0.02)	**0.16**	(0.04)
	Macao-China	5.24	(0.07)	5.33	(0.03)	-0.10	(0.08)	1.14	0.05	1.04	(0.03)	0.10	(0.07)
	Montenegro	2.91	(0.04)	2.97	(0.07)	-0.05	(0.08)	0.74	(0.02)	0.75	(0.04)	-0.01	(0.05)
	Qatar	2.79	(0.04)	3.26	(0.06)	**-0.47**	(0.07)	1.60	(0.03)	1.57	(0.05)	0.03	(0.05)
	Romania	3.23	(0.07)	3.36	(0.10)	-0.13	(0.13)	1.57	(0.05)	1.46	(0.05)	0.11	(0.08)
	Russian Federation	2.06	(0.04)	2.01	(0.06)	0.06	(0.06)	0.89	(0.03)	0.72	(0.03)	**0.17**	(0.04)
	Serbia	3.14	(0.05)	3.23	(0.06)	-0.09	(0.09)	0.98	(0.03)	0.85	(0.04)	**0.13**	(0.05)
	Slovenia	3.18	(0.03)	3.37	(0.04)	**-0.20**	(0.05)	0.79	(0.02)	0.64	(0.03)	**0.16**	(0.03)
	Chinese Taipei	4.19	(0.11)	4.46	(0.09)	-0.27	(0.17)	0.68	(0.04)	0.70	(0.03)	-0.02	(0.05)
	Thailand	3.16	(0.05)	2.94	(0.13)	0.22	(0.18)	0.63	(0.03)	0.36	(0.04)	**0.27**	(0.05)
	Tunisia	3.16	(0.06)	3.07	(0.15)	0.09	(0.16)	1.88	(0.04)	1.32	(0.12)	**0.56**	(0.12)
	Uruguay	2.73	(0.06)	2.75	(0.04)	-0.02	(0.07)	0.67	(0.03)	0.62	(0.03)	0.05	(0.05)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.13c [Part 2/3] Mean learning hours and allocation of total learning time on the language of instruction, by school location

		Mean learning hours per week											
		Individual study						Total learning hours					
		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	1.53	(0.03)	1.83	(0.03)	**-0.29**	(0.05)	6.15	(0.07)	6.61	(0.06)	**-0.47**	(0.11)
	Austria	1.54	(0.04)	1.55	(0.07)	-0.01	(0.08)	4.63	(0.07)	4.73	(0.16)	-0.10	(0.18)
	Belgium	1.32	(0.02)	1.46	(0.04)	**-0.14**	(0.05)	5.16	(0.06)	5.80	(0.13)	**-0.64**	(0.16)
	Canada	1.58	(0.03)	1.98	(0.05)	**-0.40**	(0.07)	6.90	(0.07)	7.34	(0.11)	**-0.45**	(0.14)
	Czech Republic	1.17	(0.03)	1.08	(0.04)	0.10	(0.05)	5.53	(0.06)	5.28	(0.14)	0.25	(0.15)
	Denmark	2.16	(0.03)	2.20	(0.09)	-0.03	(0.10)	9.37	(0.09)	9.44	(0.19)	-0.07	(0.21)
	Finland	1.13	(0.02)	1.15	(0.05)	-0.01	(0.05)	4.63	(0.07)	4.64	(0.13)	-0.01	(0.14)
	France	a	a	1.51	(0.02)	a	a	a	a	6.30	(0.04)	a	a
	Germany	1.88	(0.03)	1.88	(0.06)	-0.00	(0.08)	6.18	(0.07)	6.11	(0.15)	0.06	(0.18)
	Greece	1.97	(0.04)	1.88	(0.05)	0.08	(0.07)	6.74	(0.12)	6.77	(0.15)	-0.03	(0.22)
	Hungary	1.87	(0.04)	1.84	(0.06)	0.04	(0.07)	6.33	(0.12)	6.42	(0.14)	-0.09	(0.20)
	Iceland	1.55	(0.03)	1.54	(0.04)	0.01	(0.05)	6.52	(0.05)	6.61	(0.08)	-0.09	(0.10)
	Ireland	1.74	(0.04)	1.78	(0.06)	-0.03	(0.07)	5.96	(0.08)	5.90	(0.13)	0.06	(0.15)
	Italy	2.98	(0.04)	2.90	(0.09)	0.08	(0.10)	8.42	(0.08)	8.23	(0.16)	0.19	(0.19)
	Japan	0.89	(0.05)	0.97	(0.04)	-0.09	(0.07)	5.02	(0.12)	5.28	(0.11)	-0.26	(0.18)
	Korea	1.20	(0.07)	1.44	(0.03)	**-0.25**	(0.08)	6.77	(0.24)	7.44	(0.10)	**-0.67**	(0.26)
	Luxembourg	1.39	(0.02)	1.36	(0.07)	0.03	(0.07)	5.47	(0.04)	5.57	(0.16)	-0.10	(0.17)
	Mexico	2.09	(0.04)	2.02	(0.04)	0.07	(0.06)	6.84	(0.10)	6.90	(0.11)	-0.07	(0.15)
	Netherlands	1.30	(0.03)	1.42	(0.04)	**-0.12**	(0.05)	4.89	(0.06)	4.88	(0.13)	0.01	(0.16)
	New Zealand	1.49	(0.05)	1.65	(0.03)	**-0.16**	(0.07)	6.51	(0.11)	6.72	(0.07)	-0.21	(0.14)
	Norway	1.42	(0.03)	1.63	(0.09)	**-0.22**	(0.10)	6.13	(0.07)	6.61	(0.19)	**-0.48**	(0.21)
	Poland	2.23	(0.03)	2.20	(0.06)	0.03	(0.07)	7.52	(0.06)	7.67	(0.10)	-0.15	(0.12)
	Portugal	1.81	(0.03)	1.72	(0.07)	0.08	(0.08)	5.65	(0.06)	5.57	(0.11)	0.08	(0.12)
	Slovak Republic	1.77	(0.04)	1.57	(0.11)	0.20	(0.12)	5.81	(0.09)	5.36	(0.30)	0.46	(0.32)
	Spain	1.87	(0.04)	1.91	(0.05)	-0.04	(0.06)	6.10	(0.08)	6.11	(0.08)	-0.01	(0.12)
	Sweden	1.22	(0.02)	1.39	(0.06)	**-0.16**	(0.07)	4.98	(0.06)	5.27	(0.14)	-0.29	(0.16)
	Switzerland	1.40	(0.02)	1.39	(0.06)	0.01	(0.06)	5.56	(0.05)	5.51	(0.25)	0.05	(0.26)
	Turkey	2.24	(0.06)	2.11	(0.07)	0.13	(0.09)	8.04	(0.18)	7.88	(0.17)	0.16	(0.26)
	United Kingdom	1.55	(0.03)	1.67	(0.07)	-0.12	(0.07)	5.97	(0.06)	6.20	(0.14)	-0.22	(0.15)
	United States	1.79	(0.04)	2.00	(0.05)	**-0.21**	(0.07)	6.62	(0.07)	6.73	(0.12)	-0.11	(0.15)
	OECD average	1.66	(0.01)	1.70	(0.01)	**-0.05**	(0.01)	6.22	(0.02)	6.33	(0.03)	**-0.11**	(0.03)
Partners	Argentina	1.61	(0.05)	1.66	(0.06)	-0.05	(0.07)	4.36	(0.09)	4.57	(0.14)	-0.22	(0.17)
	Azerbaijan	3.10	(0.05)	3.11	(0.11)	-0.01	(0.12)	8.55	(0.12)	9.01	(0.25)	-0.45	(0.27)
	Brazil	1.77	(0.04)	1.72	(0.04)	0.04	(0.06)	5.93	(0.08)	6.16	(0.12)	-0.23	(0.14)
	Bulgaria	1.96	(0.07)	2.22	(0.09)	**-0.26**	(0.11)	5.92	(0.15)	6.37	(0.15)	**-0.46**	(0.21)
	Chile	1.65	(0.05)	1.49	(0.04)	**0.16**	(0.06)	6.10	(0.18)	5.95	(0.10)	0.15	(0.22)
	Colombia	1.82	(0.06)	1.85	(0.05)	-0.03	(0.08)	6.95	(0.11)	6.88	(0.12)	0.07	(0.16)
	Croatia	1.60	(0.03)	1.54	(0.06)	0.06	(0.07)	5.35	(0.07)	5.27	(0.12)	0.08	(0.14)
	Estonia	1.59	(0.03)	1.69	(0.04)	**-0.10**	(0.05)	6.00	(0.07)	5.97	(0.11)	0.03	(0.12)
	Hong Kong-China	a	a	1.64	(0.03)	a	a	a	a	7.64	(0.08)	a	a
	Indonesia	1.84	(0.04)	1.59	(0.09)	**0.25**	(0.10)	6.82	(0.11)	6.03	(0.19)	**0.79**	(0.24)
	Israel	1.68	(0.05)	1.62	(0.07)	0.06	(0.10)	6.12	(0.13)	5.91	(0.17)	0.21	(0.22)
	Jordan	2.69	(0.06)	2.44	(0.06)	**0.25**	(0.09)	8.01	(0.13)	7.79	(0.13)	0.22	(0.19)
	Kyrgyzstan	2.35	(0.04)	2.28	(0.07)	0.07	(0.08)	6.86	(0.11)	6.92	(0.22)	-0.06	(0.25)
	Latvia	2.07	(0.03)	1.87	(0.07)	**0.20**	(0.08)	6.77	(0.10)	6.20	(0.12)	**0.56**	(0.17)
	Liechtenstein	1.22	(0.06)	a	a	a	a	5.20	(0.10)	a	a	a	a
	Lithuania	1.81	(0.04)	1.83	(0.06)	-0.02	(0.07)	6.13	(0.07)	6.12	(0.10)	0.01	(0.12)
	Macao-China	1.44	(0.05)	1.50	(0.03)	-0.06	(0.06)	7.82	(0.12)	7.87	(0.06)	-0.06	(0.13)
	Montenegro	1.98	(0.03)	2.01	(0.06)	-0.03	(0.07)	5.62	(0.08)	5.73	(0.13)	-0.10	(0.15)
	Qatar	2.04	(0.03)	2.06	(0.06)	-0.02	(0.06)	6.43	(0.07)	6.89	(0.12)	**-0.45**	(0.14)
	Romania	2.17	(0.05)	2.21	(0.07)	-0.05	(0.09)	6.99	(0.13)	7.04	(0.17)	-0.05	(0.24)
	Russian Federation	1.64	(0.05)	1.42	(0.04)	**0.23**	(0.06)	4.57	(0.09)	4.13	(0.09)	**0.45**	(0.13)
	Serbia	1.73	(0.04)	1.66	(0.04)	0.07	(0.06)	5.84	(0.09)	5.73	(0.10)	0.11	(0.15)
	Slovenia	1.52	(0.02)	1.41	(0.03)	**0.11**	(0.03)	5.51	(0.05)	5.43	(0.07)	0.08	(0.08)
	Chinese Taipei	1.64	(0.05)	1.83	(0.04)	**-0.19**	(0.07)	6.54	(0.15)	7.03	(0.12)	**-0.49**	(0.23)
	Thailand	1.79	(0.04)	1.47	(0.06)	**0.32**	(0.09)	5.57	(0.10)	4.76	(0.19)	**0.81**	(0.27)
	Tunisia	2.20	(0.04)	1.74	(0.10)	**0.46**	(0.11)	7.25	(0.10)	6.13	(0.24)	**1.13**	(0.26)
	Uruguay	1.40	(0.03)	1.29	(0.03)	**0.11**	(0.05)	4.82	(0.09)	4.68	(0.08)	0.14	(0.12)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.13c [Part 3/3] Mean learning hours and allocation of total learning time on the language of instruction, by school location

		Allocation of total learning time on the language of instruction for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)	
		%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.
OECD	Australia	68.3	(0.5)	66.3	(0.4)	**2.0**	(0.6)	8.5	(0.3)	8.1	(0.2)	0.4	(0.4)	23.2	(0.3)	25.6	(0.3)	**-2.4**	(0.5)
	Austria	65.3	(0.6)	65.9	(0.7)	-0.6	(1.0)	3.5	(0.4)	2.9	(0.3)	0.6	(0.5)	31.1	(0.6)	31.2	(0.6)	-0.0	(0.9)
	Belgium	67.3	(0.4)	67.1	(0.8)	0.1	(0.9)	6.9	(0.2)	7.6	(0.6)	-0.7	(0.7)	25.8	(0.3)	25.3	(0.6)	0.6	(0.7)
	Canada	67.3	(0.4)	63.1	(0.5)	**4.1**	(0.6)	10.9	(0.2)	10.8	(0.4)	0.1	(0.5)	21.9	(0.3)	26.1	(0.4)	**-4.3**	(0.5)
	Czech Republic	71.2	(0.5)	74.0	(0.8)	**-2.9**	(1.0)	9.3	(0.2)	7.6	(0.4)	**1.7**	(0.5)	19.5	(0.4)	18.4	(0.8)	1.1	(0.9)
	Denmark	62.3	(0.4)	62.1	(1.1)	0.2	(1.1)	16.0	(0.3)	15.9	(0.8)	0.1	(0.8)	21.7	(0.2)	22.0	(0.7)	-0.3	(0.7)
	Finland	70.8	(0.4)	70.2	(1.0)	0.6	(1.1)	6.2	(0.2)	6.1	(0.5)	0.1	(0.5)	23.0	(0.3)	23.7	(0.7)	-0.7	(0.8)
	France	a	a	67.0	(0.4)	a	a	a	a	10.7	(0.3)	a	a	a	a	22.3	(0.3)	a	a
	Germany	62.6	(0.5)	61.8	(0.9)	0.9	(1.2)	7.8	(0.4)	8.1	(0.8)	-0.3	(1.0)	29.6	(0.3)	30.2	(0.6)	-0.5	(0.7)
	Greece	50.2	(0.7)	52.6	(1.0)	**-2.4**	(1.2)	21.8	(0.4)	21.1	(0.7)	0.7	(0.9)	28.0	(0.4)	26.3	(0.7)	**1.7**	(0.8)
	Hungary	52.1	(0.7)	54.6	(0.6)	**-2.4**	(1.0)	18.8	(0.5)	17.6	(0.5)	1.3	(0.8)	29.0	(0.4)	27.8	(0.4)	**1.2**	(0.6)
	Iceland	71.8	(0.4)	71.7	(0.5)	0.2	(0.7)	5.9	(0.3)	6.4	(0.4)	-0.5	(0.4)	22.2	(0.3)	21.9	(0.4)	0.3	(0.5)
	Ireland	63.8	(0.5)	65.4	(0.9)	-1.6	(1.0)	8.7	(0.3)	6.7	(0.5)	**2.0**	(0.6)	27.5	(0.4)	27.9	(0.6)	-0.4	(0.7)
	Italy	56.8	(0.3)	58.3	(0.4)	**-1.5**	(0.6)	8.5	(0.3)	7.6	(0.4)	1.0	(0.5)	34.7	(0.2)	34.2	(0.4)	0.5	(0.5)
	Japan	77.8	(0.8)	78.3	(0.6)	-0.5	(1.0)	6.8	(0.5)	6.1	(0.4)	0.7	(0.6)	15.4	(0.6)	15.6	(0.5)	-0.3	(0.8)
	Korea	70.2	(1.4)	65.7	(0.5)	**4.6**	(1.5)	13.9	(1.1)	16.9	(0.4)	**-3.0**	(1.2)	15.9	(0.6)	17.4	(0.3)	**-1.6**	(0.6)
	Luxembourg	67.2	(0.3)	68.2	(1.2)	-1.0	(1.2)	8.9	(0.2)	8.0	(0.8)	1.0	(0.8)	23.9	(0.3)	23.9	(0.9)	0.0	(0.9)
	Mexico	52.1	(0.6)	57.8	(0.6)	**-5.7**	(0.8)	16.5	(0.5)	12.7	(0.4)	**3.8**	(0.7)	31.3	(0.4)	29.5	(0.4)	**1.9**	(0.5)
	Netherlands	63.6	(0.5)	61.5	(0.9)	**2.1**	(1.0)	10.9	(0.4)	10.5	(0.8)	0.5	(1.0)	25.5	(0.3)	28.1	(0.7)	**-2.6**	(0.8)
	New Zealand	71.4	(0.7)	69.1	(0.5)	**2.3**	(0.8)	7.7	(0.4)	8.2	(0.3)	-0.5	(0.5)	20.9	(0.4)	22.7	(0.4)	**-1.8**	(0.6)
	Norway	62.4	(0.5)	60.1	(1.2)	2.3	(1.3)	16.4	(0.3)	17.2	(0.9)	-0.8	(0.9)	21.2	(0.4)	22.7	(0.9)	-1.5	(1.0)
	Poland	63.1	(0.4)	65.0	(0.7)	**-1.9**	(0.8)	8.7	(0.4)	8.0	(0.5)	0.7	(0.6)	28.2	(0.3)	27.0	(0.6)	1.2	(0.7)
	Portugal	60.2	(0.5)	63.7	(1.1)	**-3.5**	(1.2)	9.2	(0.4)	7.1	(0.6)	**2.0**	(0.8)	30.6	(0.3)	29.2	(1.0)	1.4	(1.1)
	Slovak Republic	58.7	(0.6)	60.3	(1.4)	-1.6	(1.6)	12.6	(0.4)	13.3	(0.8)	-0.7	(0.9)	28.7	(0.6)	26.4	(1.0)	2.3	(1.2)
	Spain	62.5	(0.4)	62.8	(0.7)	-0.3	(0.9)	8.5	(0.3)	7.5	(0.5)	1.0	(0.7)	28.9	(0.3)	29.6	(0.5)	-0.7	(0.6)
	Sweden	67.3	(0.6)	64.6	(1.0)	**2.6**	(1.2)	10.2	(0.3)	10.4	(0.4)	-0.1	(0.5)	22.5	(0.5)	25.0	(0.9)	**-2.5**	(1.0)
	Switzerland	67.4	(0.4)	68.2	(1.2)	-0.8	(1.3)	7.1	(0.3)	6.6	(0.9)	0.5	(1.0)	25.4	(0.3)	25.2	(0.7)	0.3	(0.8)
	Turkey	53.6	(0.9)	55.9	(0.9)	-2.3	(1.4)	20.3	(0.7)	19.3	(0.5)	1.0	(0.9)	26.1	(0.5)	24.8	(0.5)	1.3	(0.7)
	United Kingdom	68.6	(0.4)	65.5	(0.8)	**3.1**	(0.9)	7.0	(0.2)	9.0	(0.6)	**-2.0**	(0.7)	24.4	(0.3)	25.5	(0.6)	-1.1	(0.7)
	United States	57.6	(0.7)	52.8	(1.1)	**4.8**	(1.3)	14.8	(0.4)	17.9	(1.0)	**-3.1**	(1.1)	27.6	(0.4)	29.3	(0.5)	**-1.7**	(0.7)
	OECD average	63.9	(0.1)	64.0	(0.2)	0.0	(0.2)	10.8	(0.1)	10.5	(0.1)	0.3	(0.1)	25.3	(0.1)	25.5	(0.1)	**-0.3**	(0.1)
Partners	Argentina	54.8	(0.8)	55.8	(1.1)	-1.0	(1.4)	8.7	(0.6)	7.0	(0.7)	1.7	(0.9)	36.4	(0.6)	37.2	(0.8)	-0.7	(1.1)
	Azerbaijan	44.2	(0.7)	47.3	(1.0)	**-3.1**	(1.2)	19.4	(0.5)	19.0	(0.8)	0.3	(0.9)	36.5	(0.6)	33.7	(0.7)	**2.8**	(0.9)
	Brazil	53.6	(0.6)	55.4	(0.7)	-1.8	(1.0)	17.7	(0.4)	17.8	(0.6)	-0.0	(0.7)	28.7	(0.5)	26.9	(0.4)	**1.8**	(0.7)
	Bulgaria	51.6	(0.7)	52.0	(0.7)	-0.4	(1.0)	16.3	(0.5)	14.0	(0.8)	**2.3**	(1.0)	32.1	(0.6)	34.0	(0.7)	**-1.9**	(0.9)
	Chile	54.1	(1.0)	59.6	(0.6)	**-5.5**	(1.3)	17.0	(0.7)	13.9	(0.5)	**3.1**	(0.8)	28.8	(0.7)	26.5	(0.4)	**2.4**	(0.9)
	Colombia	60.1	(0.8)	60.8	(0.9)	-0.7	(1.2)	15.1	(0.6)	13.6	(0.5)	1.5	(0.8)	24.7	(0.6)	25.6	(0.5)	-0.9	(0.8)
	Croatia	66.0	(0.5)	68.1	(0.8)	**-2.1**	(0.9)	6.4	(0.3)	4.9	(0.3)	**1.4**	(0.4)	27.6	(0.4)	26.9	(0.6)	0.7	(0.7)
	Estonia	62.1	(0.6)	61.0	(0.7)	1.1	(0.9)	13.2	(0.5)	12.7	(0.8)	0.5	(0.9)	24.7	(0.4)	26.3	(0.4)	**-1.5**	(0.6)
	Hong Kong-China	a	a	70.9	(0.4)	a	a	a	a	9.1	(0.3)	a	a	a	a	20.0	(0.3)	a	a
	Indonesia	55.6	(0.5)	59.6	(1.9)	**-4.0**	(1.9)	17.2	(0.5)	14.0	(1.0)	**3.2**	(0.9)	27.2	(0.4)	26.4	(1.2)	0.8	(1.3)
	Israel	52.9	(0.9)	55.9	(1.1)	-3.0	(1.7)	20.8	(0.6)	18.4	(0.6)	**2.5**	(1.0)	26.3	(0.6)	25.8	(0.8)	0.5	(1.1)
	Jordan	42.3	(0.8)	47.0	(1.2)	**-4.7**	(1.5)	23.2	(0.6)	20.6	(0.8)	**2.6**	(1.0)	34.5	(0.5)	32.3	(0.7)	**2.1**	(0.9)
	Kyrgyzstan	37.9	(0.5)	49.8	(1.4)	**-11.9**	(1.6)	27.7	(0.5)	18.3	(1.2)	**9.4**	(1.3)	34.5	(0.4)	31.9	(1.0)	**2.5**	(1.1)
	Latvia	58.6	(0.5)	60.5	(0.7)	**-1.9**	(0.9)	12.0	(0.5)	10.3	(0.4)	**1.6**	(0.7)	29.4	(0.4)	29.2	(0.7)	0.2	(0.8)
	Liechtenstein	70.4	(1.3)	a	a	a	a	5.3	(0.6)	a	a	a	a	24.3	(1.0)	a	a	a	a
	Lithuania	61.7	(0.5)	63.3	(0.7)	-1.5	(0.9)	10.7	(0.4)	8.6	(0.5)	**2.1**	(0.6)	27.6	(0.4)	28.1	(0.6)	-0.5	(0.8)
	Macao-China	70.9	(0.7)	71.5	(0.4)	-0.7	(0.9)	12.2	(0.5)	10.9	(0.3)	**1.3**	(0.7)	16.9	(0.5)	17.6	(0.3)	-0.7	(0.6)
	Montenegro	52.4	(0.4)	54.1	(0.8)	-1.8	(1.0)	11.7	(0.4)	10.9	(0.5)	0.8	(0.6)	35.9	(0.4)	34.9	(0.7)	1.0	(0.7)
	Qatar	43.9	(0.4)	47.6	(0.6)	**-3.7**	(0.8)	24.0	(0.4)	22.0	(0.5)	**2.0**	(0.7)	32.1	(0.4)	30.3	(0.5)	**1.7**	(0.6)
	Romania	49.8	(0.7)	51.5	(1.1)	-1.7	(1.3)	20.4	(0.7)	19.1	(0.7)	1.4	(1.0)	29.8	(0.4)	29.4	(0.6)	0.4	(0.7)
	Russian Federation	46.3	(0.6)	51.0	(1.0)	**-4.7**	(1.1)	17.6	(0.7)	14.6	(0.7)	**3.0**	(0.9)	36.1	(0.6)	34.4	(0.9)	1.7	(0.9)
	Serbia	59.2	(0.5)	61.6	(0.7)	**-2.3**	(0.9)	13.5	(0.5)	12.0	(0.5)	**1.5**	(0.7)	27.3	(0.3)	26.5	(0.5)	0.8	(0.6)
	Slovenia	59.2	(0.5)	63.6	(0.6)	**-4.4**	(0.7)	13.0	(0.3)	10.5	(0.4)	**2.6**	(0.5)	27.7	(0.3)	25.9	(0.4)	**1.8**	(0.5)
	Chinese Taipei	66.3	(0.7)	66.0	(0.4)	0.3	(0.8)	9.1	(0.5)	8.8	(0.4)	0.3	(0.7)	24.6	(0.4)	25.2	(0.3)	-0.7	(0.5)
	Thailand	61.6	(0.5)	65.1	(1.1)	**-3.5**	(1.3)	8.1	(0.3)	5.2	(0.4)	**3.0**	(0.5)	30.3	(0.4)	29.7	(1.0)	0.5	(1.2)
	Tunisia	44.6	(0.7)	50.8	(2.2)	**-6.2**	(2.4)	24.4	(0.5)	19.5	(1.4)	**4.9**	(1.5)	31.0	(0.5)	29.7	(1.5)	1.3	(1.6)
	Uruguay	60.1	(0.6)	61.8	(0.8)	-1.7	(1.1)	11.3	(0.5)	11.2	(0.5)	0.1	(0.8)	28.5	(0.4)	27.0	(0.5)	**1.6**	(0.7)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.13d [Part 1/3] Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by school location

		Mean learning hours per week															
		Regular school lessons								Out-of-school-time lessons							
		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Difference after accounting for ESCS and school average ESCS (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Difference after accounting for ESCS and school average ESCS (rural-city)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	11.00	(0.14)	11.66	(0.10)	**-0.66**	(0.19)	-0.01	(0.21)	1.65	(0.05)	1.83	(0.05)	**-0.18**	(0.07)	**-0.35**	(0.09)
	Austria	8.36	(0.13)	8.97	(0.18)	**-0.61**	(0.25)	-0.31	(0.24)	0.95	(0.06)	0.94	(0.06)	0.01	(0.09)	-0.08	(0.09)
	Belgium	9.48	(0.12)	10.49	(0.36)	**-1.01**	(0.43)	**-1.05**	(0.35)	1.24	(0.04)	1.57	(0.10)	**-0.33**	(0.11)	**-0.33**	(0.10)
	Canada	12.91	(0.13)	13.08	(0.20)	-0.17	(0.23)	0.18	(0.20)	2.24	(0.04)	2.52	(0.09)	**-0.28**	(0.09)	**-0.32**	(0.10)
	Czech Republic	10.53	(0.13)	11.14	(0.27)	-0.62	(0.32)	0.14	(0.35)	1.93	(0.05)	1.69	(0.10)	**0.24**	(0.11)	0.18	(0.12)
	Denmark	13.15	(0.09)	13.49	(0.24)	-0.34	(0.27)	-0.25	(0.27)	3.83	(0.08)	4.05	(0.21)	-0.22	(0.23)	-0.32	(0.21)
	Finland	9.68	(0.11)	9.79	(0.27)	-0.11	(0.28)	0.11	(0.28)	1.06	(0.04)	1.04	(0.07)	0.02	(0.09)	-0.06	(0.10)
	France	a	a	10.71	(0.10)	a	a	a	a	a	a	2.24	(0.04)	a	a	a	a
	Germany	10.60	(0.11)	10.74	(0.17)	-0.13	(0.23)	-0.10	(0.20)	1.87	(0.07)	2.00	(0.16)	-0.13	(0.19)	-0.18	(0.14)
	Greece	9.64	(0.18)	10.19	(0.23)	-0.55	(0.33)	0.23	(0.24)	5.92	(0.16)	5.72	(0.20)	0.20	(0.28)	**0.65**	(0.27)
	Hungary	8.86	(0.15)	9.16	(0.20)	-0.30	(0.27)	**0.46**	(0.23)	3.67	(0.09)	3.49	(0.10)	0.18	(0.13)	0.02	(0.13)
	Iceland	12.29	(0.07)	12.22	(0.09)	0.07	(0.12)	0.12	(0.12)	1.44	(0.05)	1.58	(0.08)	-0.14	(0.09)	-0.05	(0.10)
	Ireland	9.75	(0.10)	9.78	(0.16)	-0.03	(0.18)	0.12	(0.20)	1.71	(0.06)	1.51	(0.09)	0.20	(0.11)	0.08	(0.10)
	Italy	11.26	(0.12)	11.30	(0.15)	-0.03	(0.20)	**0.44**	(0.21)	2.28	(0.06)	2.12	(0.08)	0.16	(0.11)	-0.02	(0.11)
	Japan	10.18	(0.23)	11.06	(0.20)	**-0.88**	(0.34)	0.18	(0.29)	1.37	(0.10)	1.41	(0.07)	-0.03	(0.12)	0.04	(0.13)
	Korea	12.08	(0.36)	12.87	(0.12)	**-0.80**	(0.40)	0.42	(0.45)	3.51	(0.26)	4.96	(0.09)	**-1.45**	(0.30)	0.54	(0.36)
	Luxembourg	9.71	(0.06)	9.73	(0.18)	-0.02	(0.18)	0.18	(0.19)	1.95	(0.04)	1.73	(0.13)	0.22	(0.13)	0.09	(0.14)
	Mexico	10.39	(0.15)	11.26	(0.15)	-0.87	(0.23)	0.21	(0.20)	3.67	(0.12)	2.92	(0.11)	**0.75**	(0.16)	0.10	(0.13)
	Netherlands	7.93	(0.08)	8.07	(0.21)	-0.14	(0.24)	0.10	(0.22)	1.87	(0.06)	1.92	(0.13)	-0.06	(0.15)	**-0.22**	(0.11)
	New Zealand	12.69	(0.13)	12.96	(0.12)	-0.27	(0.19)	0.20	(0.16)	1.58	(0.10)	1.88	(0.07)	**-0.30**	(0.13)	**-0.42**	(0.16)
	Norway	9.55	(0.09)	9.99	(0.22)	-0.43	(0.23)	-0.19	(0.23)	3.11	(0.06)	3.35	(0.17)	-0.23	(0.17)	-0.19	(0.19)
	Poland	11.55	(0.10)	12.24	(0.18)	**-0.70**	(0.21)	-0.37	(0.24)	2.11	(0.06)	2.10	(0.09)	0.01	(0.11)	-0.15	(0.12)
	Portugal	9.98	(0.13)	10.43	(0.26)	-0.45	(0.31)	**0.60**	(0.30)	1.99	(0.06)	2.01	(0.10)	-0.02	(0.12)	-0.22	(0.14)
	Slovak Republic	8.87	(0.16)	8.92	(0.54)	-0.06	(0.59)	**0.91**	(0.45)	2.38	(0.08)	2.57	(0.29)	-0.19	(0.31)	0.11	(0.29)
	Spain	9.94	(0.11)	10.46	(0.16)	**-0.51**	(0.19)	-0.06	(0.16)	2.37	(0.07)	2.05	(0.10)	**0.32**	(0.13)	**0.27**	(0.13)
	Sweden	8.97	(0.08)	9.09	(0.17)	-0.11	(0.19)	-0.07	(0.19)	1.75	(0.04)	1.90	(0.11)	-0.15	(0.12)	-0.13	(0.11)
	Switzerland	9.91	(0.09)	9.98	(0.40)	-0.06	(0.42)	0.50	(0.44)	1.61	(0.05)	1.39	(0.16)	0.21	(0.17)	-0.06	(0.15)
	Turkey	10.46	(0.25)	10.87	(0.30)	-0.41	(0.45)	**0.78**	(0.33)	5.08	(0.13)	5.36	(0.14)	-0.28	(0.21)	0.16	(0.17)
	United Kingdom	12.01	(0.09)	11.76	(0.22)	0.24	(0.24)	-0.00	(0.22)	1.53	(0.05)	1.97	(0.13)	**-0.44**	(0.14)	**-0.32**	(0.12)
	United States	11.21	(0.14)	10.50	(0.24)	**0.70**	(0.29)	**0.62**	(0.24)	2.82	(0.07)	3.41	(0.14)	**-0.59**	(0.16)	**-0.57**	(0.14)
	OECD average	10.45	(0.03)	10.76	(0.04)	**-0.32**	(0.05)	**0.14**	(0.05)	2.36	(0.02)	2.44	(0.02)	**-0.09**	(0.03)	**-0.06**	(0.03)
Partners	Argentina	7.34	(0.21)	8.04	(0.25)	**-0.70**	(0.34)	-0.06	(0.23)	1.73	(0.09)	1.56	(0.11)	0.17	(0.15)	0.10	(0.16)
	Azerbaijan	10.12	(0.14)	11.23	(0.24)	**-1.12**	(0.26)	-0.46	(0.31)	4.84	(0.11)	4.93	(0.20)	-0.09	(0.23)	0.02	(0.25)
	Brazil	8.15	(0.14)	8.90	(0.14)	**-0.75**	(0.22)	0.03	(0.17)	3.08	(0.07)	3.25	(0.13)	-0.17	(0.15)	-0.15	(0.17)
	Bulgaria	8.24	(0.20)	9.12	(0.27)	**-0.88**	(0.34)	**0.72**	(0.29)	3.24	(0.12)	3.16	(0.10)	0.08	(0.16)	-0.00	(0.16)
	Chile	8.76	(0.34)	9.60	(0.20)	**-0.83**	(0.42)	**0.78**	(0.35)	3.11	(0.10)	2.60	(0.06)	**0.51**	(0.11)	**0.41**	(0.13)
	Colombia	11.71	(0.31)	11.66	(0.23)	0.05	(0.39)	**1.46**	(0.41)	3.42	(0.10)	3.20	(0.10)	0.22	(0.14)	-0.06	(0.19)
	Croatia	8.28	(0.11)	8.70	(0.16)	**-0.42**	(0.20)	0.45	(0.24)	1.55	(0.06)	1.62	(0.08)	-0.07	(0.10)	-0.12	(0.12)
	Estonia	10.90	(0.11)	11.06	(0.18)	-0.16	(0.21)	0.30	(0.22)	2.64	(0.08)	2.60	(0.13)	0.03	(0.15)	-0.24	(0.17)
	Hong Kong-China	a	a	13.57	(0.11)	a	a	a	a	a	a	3.08	(0.08)	a	a	a	a
	Indonesia	10.89	(0.18)	11.38	(0.36)	-0.49	(0.40)	0.55	(0.37)	3.74	(0.11)	3.27	(0.35)	0.47	(0.38)	**0.78**	(0.38)
	Israel	9.46	(0.14)	9.75	(0.18)	-0.29	(0.24)	-0.26	(0.24)	4.59	(0.14)	4.23	(0.13)	0.36	(0.21)	0.30	(0.19)
	Jordan	10.03	(0.19)	10.86	(0.24)	**-0.83**	(0.34)	-0.21	(0.36)	5.19	(0.12)	4.96	(0.18)	0.23	(0.22)	0.20	(0.23)
	Kyrgyzstan	7.50	(0.17)	9.33	(0.38)	**-1.83**	(0.41)	-0.75	(0.47)	4.77	(0.09)	3.79	(0.24)	**0.99**	(0.26)	**0.71**	(0.29)
	Latvia	11.03	(0.13)	11.12	(0.21)	-0.09	(0.26)	0.29	(0.28)	2.75	(0.11)	2.65	(0.08)	0.10	(0.13)	-0.05	(0.12)
	Liechtenstein	10.29	(0.20)	a	a	a	a	a	a	1.27	(0.10)	a	a	a	a	a	a
	Lithuania	9.64	(0.12)	10.17	(0.16)	**-0.53**	(0.19)	0.40	(0.22)	2.05	(0.06)	1.75	(0.06)	**0.30**	(0.08)	-0.07	(0.10)
	Macao-China	14.04	(0.17)	14.55	(0.08)	**-0.51**	(0.19)	**-0.42**	(0.19)	3.55	(0.14)	3.19	(0.08)	**0.35**	(0.17)	**0.38**	(0.17)
	Montenegro	8.88	(0.10)	8.91	(0.16)	-0.03	(0.19)	0.28	(0.18)	2.71	(0.05)	2.64	(0.10)	0.07	(0.11)	0.00	(0.11)
	Qatar	8.40	(0.09)	9.65	(0.14)	**-1.25**	(0.16)	**-0.51**	(0.17)	4.95	(0.08)	4.79	(0.11)	0.16	(0.13)	-0.01	(0.13)
	Romania	8.37	(0.19)	8.78	(0.26)	-0.41	(0.34)	**0.90**	(0.34)	4.14	(0.12)	3.93	(0.11)	0.21	(0.18)	0.25	(0.20)
	Russian Federation	9.39	(0.15)	9.44	(0.19)	-0.05	(0.21)	**0.53**	(0.25)	3.20	(0.10)	2.87	(0.09)	**0.34**	(0.13)	**0.33**	(0.14)
	Serbia	9.08	(0.16)	9.69	(0.21)	**-0.61**	(0.30)	0.37	(0.23)	2.71	(0.07)	2.58	(0.09)	0.13	(0.11)	0.09	(0.12)
	Slovenia	9.22	(0.07)	9.70	(0.11)	**-0.48**	(0.12)	0.22	(0.13)	2.62	(0.06)	2.23	(0.07)	**0.39**	(0.10)	**0.25**	(0.10)
	Chinese Taipei	11.09	(0.34)	11.75	(0.26)	-0.65	(0.52)	**1.07**	(0.41)	2.50	(0.13)	3.26	(0.10)	**-0.75**	(0.20)	-0.31	(0.17)
	Thailand	10.57	(0.16)	11.01	(0.41)	-0.44	(0.54)	0.41	(0.60)	2.32	(0.10)	2.61	(0.22)	-0.28	(0.28)	0.39	(0.25)
	Tunisia	9.11	(0.13)	9.61	(0.45)	-0.51	(0.50)	0.66	(0.41)	6.16	(0.07)	5.89	(0.17)	0.27	(0.19)	**0.35**	(0.17)
	Uruguay	8.36	(0.13)	8.68	(0.13)	-0.32	(0.19)	0.28	(0.19)	2.11	(0.09)	2.05	(0.07)	0.06	(0.12)	-0.06	(0.11)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.13d [Part 2/3] Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by school location

		Mean learning hours per week													
		Individual study								Total learning hours					
		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Difference after accounting for ESCS and school average ESCS (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	4.02	(0.07)	5.10	(0.09)	**-1.09**	(0.13)	**-0.67**	(0.13)	16.70	(0.18)	18.59	(0.18)	**-1.89**	(0.29)
	Austria	4.90	(0.09)	5.06	(0.12)	-0.16	(0.15)	-0.23	(0.15)	14.25	(0.20)	15.01	(0.28)	**-0.77**	(0.35)
	Belgium	4.32	(0.07)	4.63	(0.18)	-0.31	(0.20)	**-0.33**	(0.16)	15.08	(0.18)	16.67	(0.50)	**-1.60**	(0.60)
	Canada	4.76	(0.07)	6.01	(0.15)	**-1.25**	(0.18)	**-0.99**	(0.16)	20.03	(0.19)	21.65	(0.33)	**-1.61**	(0.40)
	Czech Republic	3.49	(0.07)	3.30	(0.13)	0.19	(0.16)	0.28	(0.16)	15.91	(0.19)	16.13	(0.44)	-0.22	(0.50)
	Denmark	4.95	(0.07)	5.22	(0.18)	-0.26	(0.20)	-0.18	(0.21)	21.88	(0.19)	22.70	(0.41)	-0.82	(0.50)
	Finland	3.39	(0.06)	3.46	(0.11)	-0.07	(0.12)	-0.04	(0.13)	14.13	(0.16)	14.28	(0.34)	-0.15	(0.35)
	France	a	a	4.56	(0.07)	a	a	a	a	a	a	17.55	(0.15)	a	a
	Germany	5.86	(0.10)	5.78	(0.13)	0.08	(0.16)	0.09	(0.16)	18.39	(0.19)	18.52	(0.26)	-0.14	(0.32)
	Greece	5.83	(0.11)	5.73	(0.15)	0.10	(0.19)	**0.44**	(0.17)	21.41	(0.38)	21.68	(0.44)	-0.28	(0.66)
	Hungary	5.31	(0.10)	5.24	(0.15)	0.07	(0.18)	0.30	(0.17)	17.89	(0.27)	17.88	(0.36)	0.01	(0.49)
	Iceland	4.45	(0.06)	4.38	(0.10)	0.07	(0.13)	0.07	(0.14)	18.21	(0.11)	18.17	(0.19)	0.04	(0.23)
	Ireland	4.70	(0.09)	4.74	(0.13)	-0.03	(0.17)	0.05	(0.18)	16.14	(0.18)	15.99	(0.29)	0.15	(0.34)
	Italy	7.57	(0.10)	7.44	(0.14)	0.13	(0.17)	**0.82**	(0.18)	21.13	(0.22)	20.90	(0.26)	0.22	(0.34)
	Japan	2.88	(0.16)	3.23	(0.13)	-0.35	(0.21)	0.21	(0.19)	14.45	(0.37)	15.69	(0.32)	**-1.25**	(0.54)
	Korea	4.01	(0.19)	5.10	(0.14)	**-1.09**	(0.25)	**0.78**	(0.28)	19.77	(0.67)	22.97	(0.28)	**-3.20**	(0.77)
	Luxembourg	4.36	(0.05)	4.02	(0.15)	**0.34**	(0.16)	**0.33**	(0.16)	16.03	(0.10)	15.46	(0.32)	0.57	(0.35)
	Mexico	6.47	(0.13)	6.37	(0.10)	0.10	(0.15)	0.01	(0.15)	20.35	(0.28)	20.48	(0.27)	-0.13	(0.39)
	Netherlands	3.87	(0.06)	4.34	(0.13)	**-0.47**	(0.14)	**-0.41**	(0.14)	13.66	(0.14)	14.24	(0.36)	-0.58	(0.39)
	New Zealand	4.03	(0.11)	4.76	(0.09)	**-0.73**	(0.16)	**-0.39**	(0.15)	18.33	(0.24)	19.62	(0.19)	**-1.30**	(0.33)
	Norway	3.99	(0.06)	4.55	(0.17)	**-0.57**	(0.19)	-0.30	(0.18)	16.62	(0.14)	17.79	(0.38)	**-1.16**	(0.42)
	Poland	6.36	(0.08)	6.27	(0.13)	0.08	(0.15)	0.14	(0.17)	20.04	(0.16)	20.64	(0.25)	**-0.60**	(0.30)
	Portugal	5.82	(0.10)	5.87	(0.17)	-0.05	(0.20)	0.16	(0.22)	17.84	(0.21)	18.27	(0.39)	-0.43	(0.48)
	Slovak Republic	4.83	(0.09)	4.71	(0.36)	0.12	(0.38)	0.64	(0.36)	16.12	(0.26)	16.20	(1.12)	-0.09	(1.20)
	Spain	5.47	(0.10)	5.76	(0.13)	-0.29	(0.15)	-0.14	(0.16)	17.91	(0.22)	18.34	(0.23)	-0.42	(0.30)
	Sweden	3.46	(0.05)	3.98	(0.13)	**-0.52**	(0.14)	**-0.45**	(0.14)	14.17	(0.12)	14.97	(0.32)	**-0.80**	(0.34)
	Switzerland	4.21	(0.04)	4.22	(0.12)	-0.00	(0.13)	-0.03	(0.13)	15.75	(0.12)	15.57	(0.51)	0.18	(0.52)
	Turkey	6.10	(0.11)	6.12	(0.14)	-0.02	(0.18)	0.30	(0.18)	21.50	(0.42)	22.27	(0.53)	-0.77	(0.77)
	United Kingdom	4.46	(0.07)	4.71	(0.16)	-0.25	(0.19)	**-0.48**	(0.16)	18.02	(0.14)	18.47	(0.37)	-0.45	(0.40)
	United States	5.39	(0.08)	5.98	(0.13)	**-0.58**	(0.16)	**-0.62**	(0.14)	19.61	(0.18)	19.88	(0.30)	-0.27	(0.35)
	OECD average	4.80	(0.02)	5.02	(0.03)	**-0.23**	(0.03)	-0.02	(0.03)	17.63	(0.05)	18.22	(0.07)	**-0.61**	(0.09)
Partners	Argentina	5.01	(0.13)	5.08	(0.15)	-0.06	(0.19)	0.04	(0.19)	14.06	(0.30)	14.70	(0.36)	-0.64	(0.48)
	Azerbaijan	8.66	(0.15)	8.86	(0.26)	-0.20	(0.30)	0.06	(0.40)	23.78	(0.30)	25.14	(0.57)	**-1.36**	(0.63)
	Brazil	5.21	(0.10)	5.23	(0.11)	-0.02	(0.16)	0.06	(0.16)	16.40	(0.24)	17.35	(0.31)	**-0.95**	(0.42)
	Bulgaria	5.88	(0.17)	6.63	(0.31)	**-0.75**	(0.35)	0.53	(0.28)	17.40	(0.41)	19.04	(0.56)	**-1.64**	(0.70)
	Chile	4.87	(0.13)	4.55	(0.09)	**0.33**	(0.16)	**0.51**	(0.19)	16.80	(0.49)	16.85	(0.27)	-0.05	(0.58)
	Colombia	5.62	(0.15)	5.52	(0.12)	0.10	(0.19)	0.25	(0.25)	20.75	(0.45)	20.37	(0.30)	0.39	(0.54)
	Croatia	4.85	(0.08)	4.87	(0.14)	-0.02	(0.16)	**0.51**	(0.19)	14.74	(0.18)	15.29	(0.28)	-0.55	(0.35)
	Estonia	4.97	(0.08)	5.50	(0.11)	**-0.53**	(0.13)	**-0.50**	(0.15)	18.54	(0.16)	19.15	(0.27)	-0.61	(0.31)
	Hong Kong-China	a	a	5.33	(0.08)	a	a	a	a	a	a	21.98	(0.21)	a	a
	Indonesia	5.67	(0.10)	5.12	(0.30)	0.55	(0.34)	**0.71**	(0.34)	20.24	(0.31)	19.74	(0.67)	0.51	(0.79)
	Israel	5.45	(0.16)	5.19	(0.17)	0.26	(0.25)	0.20	(0.24)	19.50	(0.35)	19.37	(0.38)	0.13	(0.53)
	Jordan	7.98	(0.15)	7.80	(0.17)	0.18	(0.23)	0.21	(0.25)	23.20	(0.32)	23.55	(0.32)	-0.35	(0.48)
	Kyrgyzstan	6.74	(0.10)	6.49	(0.22)	0.25	(0.24)	0.11	(0.27)	19.16	(0.27)	19.77	(0.58)	-0.60	(0.64)
	Latvia	6.32	(0.10)	6.10	(0.16)	0.21	(0.20)	0.32	(0.24)	20.10	(0.24)	19.87	(0.37)	0.23	(0.47)
	Liechtenstein	3.93	(0.15)	a	a	a	a	a	a	15.50	(0.24)	a	a	a	a
	Lithuania	5.22	(0.08)	5.35	(0.13)	-0.13	(0.16)	0.23	(0.20)	16.86	(0.18)	17.31	(0.24)	-0.45	(0.30)
	Macao-China	4.68	(0.12)	4.98	(0.08)	**-0.30**	(0.14)	-0.02	(0.14)	22.27	(0.27)	22.71	(0.17)	-0.44	(0.32)
	Montenegro	6.24	(0.09)	6.12	(0.14)	0.13	(0.16)	0.24	(0.16)	17.81	(0.18)	17.59	(0.28)	0.22	(0.32)
	Qatar	6.26	(0.07)	6.47	(0.12)	-0.22	(0.14)	-0.12	(0.15)	19.65	(0.19)	20.92	(0.29)	**-1.27**	(0.33)
	Romania	5.86	(0.14)	6.06	(0.18)	-0.20	(0.25)	0.41	(0.29)	18.40	(0.37)	18.74	(0.44)	-0.33	(0.64)
	Russian Federation	6.91	(0.16)	6.27	(0.14)	**0.64**	(0.19)	**1.15**	(0.20)	19.47	(0.31)	18.62	(0.30)	**0.85**	(0.40)
	Serbia	5.15	(0.11)	5.34	(0.13)	-0.20	(0.18)	**0.34**	(0.16)	16.93	(0.28)	17.57	(0.34)	-0.64	(0.50)
	Slovenia	5.04	(0.06)	4.77	(0.09)	**0.27**	(0.10)	**0.45**	(0.11)	16.95	(0.14)	16.71	(0.20)	0.24	(0.23)
	Chinese Taipei	4.44	(0.16)	5.11	(0.13)	**-0.67**	(0.24)	0.26	(0.22)	18.15	(0.58)	20.25	(0.45)	**-2.10**	(0.89)
	Thailand	5.40	(0.12)	5.08	(0.21)	0.32	(0.29)	0.59	(0.34)	18.26	(0.31)	18.69	(0.77)	-0.43	(1.03)
	Tunisia	7.37	(0.10)	6.96	(0.19)	0.40	(0.22)	**0.44**	(0.22)	22.69	(0.24)	22.52	(0.73)	0.17	(0.82)
	Uruguay	4.29	(0.09)	4.16	(0.08)	0.14	(0.13)	**0.33**	(0.13)	14.78	(0.22)	14.95	(0.19)	-0.16	(0.30)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.13d [Part 3/3] Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by school location

		Allocation of total learning time in science, in mathematics and on the language of instruction for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)	
		%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.
OECD	Australia	68.3	(0.5)	65.4	(0.3)	**2.8**	(0.6)	8.8	(0.3)	8.6	(0.2)	0.2	(0.4)	23.0	(0.3)	26.0	(0.3)	**-3.0**	(0.5)
	Austria	61.6	(0.5)	62.4	(0.6)	-0.7	(0.9)	5.5	(0.3)	5.1	(0.3)	0.4	(0.4)	32.9	(0.4)	32.5	(0.5)	0.3	(0.7)
	Belgium	64.4	(0.3)	63.9	(0.6)	0.5	(0.7)	7.5	(0.2)	8.7	(0.6)	-1.2	(0.7)	28.1	(0.2)	27.4	(0.5)	0.7	(0.5)
	Canada	65.7	(0.3)	61.6	(0.5)	**4.1**	(0.5)	10.8	(0.2)	11.2	(0.4)	-0.4	(0.4)	23.5	(0.2)	27.2	(0.4)	**-3.7**	(0.5)
	Czech Republic	69.1	(0.5)	71.9	(0.6)	**-2.8**	(0.8)	10.5	(0.2)	9.0	(0.4)	**1.5**	(0.5)	20.5	(0.4)	19.1	(0.5)	**1.3**	(0.7)
	Denmark	62.5	(0.3)	61.7	(1.0)	0.8	(1.0)	15.9	(0.3)	16.2	(0.7)	-0.2	(0.8)	21.5	(0.2)	22.1	(0.6)	-0.6	(0.6)
	Finland	70.5	(0.3)	70.4	(0.8)	0.1	(0.9)	6.5	(0.2)	6.1	(0.4)	0.4	(0.5)	23.0	(0.2)	23.5	(0.5)	-0.5	(0.6)
	France	a	a	63.4	(0.3)	a	a	a	a	12.1	(0.2)	a	a	a	a	24.5	(0.3)	a	a
	Germany	59.5	(0.4)	60.0	(1.0)	-0.5	(1.1)	9.1	(0.4)	9.7	(0.7)	-0.6	(0.9)	31.4	(0.3)	30.3	(0.5)	1.1	(0.6)
	Greece	47.2	(0.5)	49.5	(0.9)	**-2.3**	(0.9)	26.1	(0.4)	25.1	(0.7)	1.0	(0.9)	26.7	(0.4)	25.4	(0.5)	**1.3**	(0.7)
	Hungary	51.5	(0.5)	53.6	(0.6)	**-2.1**	(0.8)	19.4	(0.4)	17.9	(0.4)	**1.5**	(0.6)	29.1	(0.3)	28.5	(0.4)	0.6	(0.5)
	Iceland	69.9	(0.4)	69.3	(0.5)	0.6	(0.6)	7.0	(0.2)	7.8	(0.3)	**-0.9**	(0.4)	23.1	(0.2)	22.9	(0.4)	0.3	(0.4)
	Ireland	63.2	(0.5)	64.1	(0.7)	-0.9	(0.8)	9.1	(0.3)	7.6	(0.3)	**1.5**	(0.5)	27.7	(0.4)	28.3	(0.6)	-0.6	(0.7)
	Italy	54.6	(0.3)	55.7	(0.4)	**-1.1**	(0.5)	10.1	(0.2)	9.4	(0.3)	0.7	(0.5)	35.3	(0.2)	34.9	(0.4)	0.4	(0.4)
	Japan	74.8	(0.8)	74.4	(0.5)	0.4	(0.9)	7.5	(0.4)	7.4	(0.3)	0.1	(0.6)	17.7	(0.6)	18.2	(0.5)	-0.5	(0.7)
	Korea	66.2	(1.2)	60.5	(0.5)	**5.7**	(1.4)	15.1	(1.0)	19.0	(0.3)	**-3.8**	(1.1)	18.7	(0.6)	20.5	(0.4)	**-1.9**	(0.7)
	Luxembourg	63.1	(0.3)	64.5	(0.9)	-1.4	(1.0)	10.8	(0.2)	10.0	(0.6)	0.8	(0.6)	26.1	(0.2)	25.5	(0.6)	0.6	(0.7)
	Mexico	51.3	(0.6)	55.9	(0.5)	**-4.6**	(0.8)	16.4	(0.4)	13.2	(0.4)	**3.3**	(0.6)	32.3	(0.4)	30.9	(0.4)	**1.4**	(0.5)
	Netherlands	60.4	(0.5)	58.9	(0.8)	1.5	(0.9)	12.5	(0.4)	11.7	(0.7)	0.8	(0.9)	27.2	(0.3)	29.4	(0.6)	**-2.2**	(0.7)
	New Zealand	71.5	(0.6)	68.2	(0.5)	**3.3**	(0.8)	7.7	(0.4)	8.7	(0.3)	-1.0	(0.5)	20.8	(0.3)	23.2	(0.3)	**-2.3**	(0.5)
	Norway	60.6	(0.4)	58.5	(1.0)	**2.1**	(1.0)	17.0	(0.3)	17.4	(0.9)	-0.4	(0.9)	22.4	(0.3)	24.1	(0.6)	**-1.6**	(0.7)
	Poland	59.5	(0.3)	61.0	(0.5)	**-1.5**	(0.6)	10.1	(0.3)	9.9	(0.5)	0.3	(0.5)	30.3	(0.3)	29.1	(0.5)	**1.2**	(0.6)
	Portugal	58.0	(0.5)	59.3	(0.7)	-1.3	(0.9)	10.3	(0.3)	10.0	(0.4)	0.4	(0.6)	31.7	(0.3)	30.8	(0.7)	0.9	(0.7)
	Slovak Republic	58.8	(0.5)	59.2	(1.2)	-0.4	(1.3)	12.7	(0.4)	13.4	(0.8)	-0.7	(0.9)	28.5	(0.4)	27.4	(0.8)	1.1	(0.9)
	Spain	58.7	(0.4)	59.6	(0.6)	-0.9	(0.8)	11.9	(0.3)	10.2	(0.5)	**1.6**	(0.6)	29.5	(0.3)	30.2	(0.4)	-0.7	(0.5)
	Sweden	66.8	(0.5)	64.0	(0.8)	**2.8**	(0.9)	10.2	(0.2)	10.4	(0.4)	-0.2	(0.5)	23.0	(0.4)	25.6	(0.6)	-2.6	(0.7)
	Switzerland	64.2	(0.4)	65.0	(1.0)	-0.9	(1.1)	9.1	(0.2)	7.7	(0.7)	1.3	(0.8)	26.8	(0.2)	27.3	(0.8)	-0.5	(0.9)
	Turkey	51.3	(0.5)	51.6	(0.5)	-0.3	(0.7)	21.5	(0.4)	21.8	(0.3)	-0.3	(0.6)	27.2	(0.4)	26.6	(0.4)	0.7	(0.5)
	United Kingdom	68.7	(0.3)	66.1	(0.7)	**2.6**	(0.8)	7.5	(0.2)	9.2	(0.6)	**-1.7**	(0.7)	23.8	(0.3)	24.7	(0.5)	-0.9	(0.6)
	United States	57.4	(0.4)	52.2	(1.0)	**5.2**	(1.1)	14.2	(0.3)	17.2	(0.8)	**-3.0**	(0.9)	28.4	(0.3)	30.6	(0.4)	**-2.2**	(0.5)
	OECD average	62.0	(0.1)	61.7	(0.1)	**0.4**	(0.2)	11.7	(0.1)	11.7	(0.1)	0.0	(0.1)	26.2	(0.1)	26.6	(0.1)	**-0.4**	(0.1)
Partners	Argentina	53.7	(0.7)	55.6	(0.9)	-1.9	(1.1)	11.1	(0.5)	9.7	(0.5)	**1.4**	(0.7)	35.2	(0.4)	34.7	(0.6)	0.4	(0.8)
	Azerbaijan	43.9	(0.6)	46.2	(0.9)	**-2.4**	(1.0)	19.8	(0.4)	19.3	(0.6)	0.6	(0.7)	36.3	(0.4)	34.5	(0.5)	**1.8**	(0.7)
	Brazil	52.4	(0.5)	53.8	(0.6)	-1.4	(0.8)	17.1	(0.3)	17.1	(0.5)	0.0	(0.6)	30.5	(0.4)	29.1	(0.3)	**1.4**	(0.5)
	Bulgaria	49.7	(0.7)	50.5	(0.6)	-0.7	(0.9)	17.7	(0.5)	15.4	(0.7)	**2.2**	(0.9)	32.6	(0.5)	34.1	(0.6)	**-1.5**	(0.7)
	Chile	51.8	(0.9)	56.4	(0.5)	**-4.6**	(1.1)	18.1	(0.5)	15.2	(0.4)	**2.9**	(0.7)	30.1	(0.5)	28.4	(0.4)	**1.7**	(0.7)
	Colombia	59.3	(0.7)	59.9	(0.8)	-0.7	(1.1)	15.0	(0.4)	13.9	(0.4)	1.1	(0.6)	25.8	(0.6)	26.2	(0.5)	-0.4	(0.8)
	Croatia	59.6	(0.4)	60.4	(0.7)	-0.8	(0.9)	9.6	(0.4)	9.7	(0.4)	-0.1	(0.5)	30.8	(0.3)	29.9	(0.6)	0.9	(0.7)
	Estonia	61.4	(0.5)	59.5	(0.7)	**1.8**	(0.8)	13.3	(0.4)	13.0	(0.6)	0.3	(0.7)	25.3	(0.3)	27.4	(0.4)	**-2.2**	(0.5)
	Hong Kong-China	a	a	64.1	(0.4)	a	a	a	a	12.9	(0.3)	a	a	a	a	22.9	(0.2)	a	a
	Indonesia	55.3	(0.5)	59.2	(2.1)	-3.9	(2.2)	16.9	(0.4)	15.0	(1.3)	1.9	(1.3)	27.8	(0.4)	25.8	(1.0)	2.0	(1.1)
	Israel	51.3	(0.8)	53.5	(0.9)	-2.1	(1.4)	22.1	(0.4)	21.0	(0.4)	1.2	(0.7)	26.5	(0.6)	25.5	(0.6)	1.0	(0.9)
	Jordan	42.4	(0.7)	45.3	(0.9)	**-2.9**	(1.2)	22.6	(0.5)	20.9	(0.7)	1.7	(1.0)	35.0	(0.4)	33.8	(0.6)	1.2	(0.7)
	Kyrgyzstan	38.1	(0.5)	49.1	(1.4)	**-10.9**	(1.5)	26.5	(0.5)	18.7	(1.0)	**7.8**	(1.1)	35.3	(0.3)	32.2	(0.9)	3.1	(0.9)
	Latvia	57.0	(0.4)	58.1	(0.5)	-1.1	(0.7)	12.8	(0.4)	12.5	(0.3)	0.3	(0.6)	30.2	(0.3)	29.4	(0.4)	0.9	(0.5)
	Liechtenstein	66.7	(1.1)	a	a	a	a	7.9	(0.6)	a	a	a	a	25.4	(0.9)	a	a	a	a
	Lithuania	58.9	(0.4)	60.4	(0.5)	**-1.5**	(0.7)	11.8	(0.3)	10.0	(0.4)	**1.8**	(0.5)	29.2	(0.3)	29.5	(0.5)	-0.3	(0.6)
	Macao-China	66.0	(0.7)	66.8	(0.3)	-0.9	(0.8)	14.2	(0.5)	12.6	(0.3)	**1.7**	(0.6)	19.8	(0.5)	20.6	(0.3)	-0.8	(0.5)
	Montenegro	50.3	(0.3)	51.7	(0.6)	**-1.4**	(0.7)	14.6	(0.3)	14.4	(0.5)	0.2	(0.6)	35.1	(0.3)	33.8	(0.5)	**1.2**	(0.6)
	Qatar	42.6	(0.3)	45.4	(0.5)	**-2.8**	(0.6)	25.0	(0.3)	23.1	(0.4)	**1.8**	(0.5)	32.5	(0.2)	31.5	(0.4)	**1.0**	(0.5)
	Romania	47.8	(0.5)	49.5	(0.8)	-1.7	(1.0)	21.2	(0.5)	19.8	(0.6)	1.4	(0.8)	31.0	(0.3)	30.7	(0.4)	0.3	(0.5)
	Russian Federation	49.4	(0.5)	53.0	(0.7)	**-3.6**	(0.8)	16.4	(0.6)	14.7	(0.6)	**1.7**	(0.7)	34.2	(0.5)	32.4	(0.6)	**1.8**	(0.7)
	Serbia	57.3	(0.4)	58.4	(0.6)	-1.1	(0.7)	14.2	(0.4)	13.2	(0.5)	1.0	(0.6)	28.5	(0.3)	28.4	(0.4)	0.1	(0.5)
	Slovenia	55.8	(0.3)	58.8	(0.5)	**-3.0**	(0.6)	14.6	(0.2)	12.7	(0.3)	**1.9**	(0.4)	29.6	(0.3)	28.4	(0.3)	1.1	(0.4)
	Chinese Taipei	63.3	(0.7)	60.5	(0.4)	**2.8**	(0.9)	12.5	(0.5)	14.7	(0.3)	**-2.2**	(0.7)	24.2	(0.4)	24.8	(0.3)	-0.5	(0.5)
	Thailand	62.0	(0.4)	63.0	(0.6)	-1.0	(0.7)	10.1	(0.4)	10.7	(0.7)	-0.6	(0.9)	27.9	(0.3)	26.3	(0.6)	**1.5**	(0.7)
	Tunisia	41.0	(0.3)	43.2	(1.1)	-2.2	(1.2)	26.6	(0.2)	25.6	(0.5)	1.1	(0.6)	32.4	(0.3)	31.2	(0.8)	1.1	(0.9)
	Uruguay	58.9	(0.5)	59.7	(0.5)	-0.8	(0.8)	12.6	(0.4)	12.6	(0.3)	-0.0	(0.6)	28.6	(0.4)	27.7	(0.4)	0.9	(0.5)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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[Part 1/3]

Table 3.14 Percentage of students by different types of out-of-school-time lessons, by gender

		Proportion of students participating in out-of-school-time lessons						Proportion of students participating in out-of-school lessons with non-school teachers											
								One-to-one lessons						Small group lessons					
		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	32.0	(0.8)	30.4	(0.8)	1.6	(1.0)	16.0	(0.6)	17.2	(0.6)	-1.2	(0.9)	8.6	(0.5)	7.6	(0.4)	1.0	0.6
	Austria	36.1	(1.4)	36.4	(1.4)	-0.3	(1.6)	16.1	(0.9)	17.4	(1.1)	-1.3	(1.3)	9.2	(0.7)	6.2	(0.7)	**2.9**	0.8
	Belgium	29.9	(0.8)	30.9	(0.9)	-1.0	(1.2)	16.1	(0.7)	19.6	(0.9)	**-3.5**	(1.1)	7.9	(0.5)	6.8	(0.5)	1.1	0.7
	Canada	34.0	(1.0)	37.7	(0.8)	**-3.7**	(1.1)	15.3	(0.6)	17.6	(0.6)	**-2.3**	(0.8)	8.8	(0.5)	8.1	(0.4)	0.7	0.6
	Czech Republic	36.0	(1.3)	39.0	(1.2)	-3.1	(1.6)	14.4	(0.8)	17.8	(1.0)	**-3.3**	(1.1)	8.0	(0.6)	7.8	(0.9)	0.2	1.0
	Denmark	21.5	(0.9)	19.7	(1.1)	1.8	(1.2)	5.2	(0.5)	5.5	(0.5)	-0.2	(0.6)	4.8	(0.6)	4.4	(0.4)	0.4	0.7
	Finland	23.5	(1.0)	23.5	(0.9)	0.0	(1.3)	5.9	(0.6)	4.8	(0.5)	1.1	(0.8)	3.2	(0.3)	1.7	(0.3)	**1.5**	0.4
	France	40.6	(1.3)	42.6	(1.1)	-1.9	(1.6)	20.8	(1.2)	23.8	(1.0)	**-3.0**	(1.2)	9.4	(0.7)	8.9	(0.7)	0.6	0.8
	Germany	37.4	(1.1)	36.7	(1.0)	0.7	(1.6)	20.7	(1.0)	22.3	(0.8)	-1.5	(1.3)	8.3	(0.6)	6.3	(0.5)	**2.0**	0.8
	Greece	73.3	(1.3)	79.5	(1.1)	**-6.3**	(1.6)	42.1	(1.3)	47.5	(1.5)	**-5.5**	(1.7)	41.8	(1.4)	50.1	(1.7)	**-8.3**	1.5
	Hungary	50.3	(1.4)	58.4	(1.3)	**-8.1**	(1.7)	27.6	(1.2)	37.8	(1.3)	**-10.2**	(1.6)	10.5	(0.8)	11.2	(0.8)	-0.7	1.1
	Iceland	37.3	(1.2)	43.4	(1.0)	**-6.2**	(1.5)	13.4	(0.8)	16.0	(0.9)	**-2.6**	(1.2)	7.2	(0.6)	6.2	(0.5)	1.0	0.7
	Ireland	38.1	(1.2)	38.2	(1.1)	-0.1	(1.4)	19.8	(1.0)	23.0	(1.0)	**-3.3**	(1.4)	9.1	(0.8)	10.4	(0.7)	-1.3	1.1
	Italy	67.1	(0.8)	65.8	(1.0)	1.2	(1.4)	37.7	(0.9)	36.8	(0.8)	0.9	(1.2)	15.7	(0.7)	12.6	(0.5)	**3.1**	0.7
	Japan	47.0	(1.6)	44.3	(1.7)	2.7	(1.8)	9.0	(0.6)	9.8	(0.9)	-0.8	(0.9)	9.1	(0.6)	7.8	(0.8)	1.4	0.8
	Korea	77.2	(1.4)	81.2	(1.2)	**-4.0**	(1.8)	29.0	(1.2)	33.7	(1.1)	**-4.7**	(1.7)	29.5	(1.4)	33.1	(1.1)	**-3.6**	1.8
	Luxembourg	43.0	(0.9)	44.7	(1.0)	-1.7	(1.4)	22.0	(0.9)	24.2	(0.8)	-2.2	(1.2)	8.5	(0.7)	5.6	(0.5)	**2.9**	0.8
	Mexico	50.2	(1.2)	45.3	(1.1)	**4.9**	(1.5)	18.9	(0.8)	17.0	(0.8)	1.9	(1.0)	18.2	(0.8)	14.4	(0.7)	**3.8**	0.9
	Netherlands	21.5	(1.1)	22.7	(1.0)	-1.3	(1.3)	7.2	(0.6)	7.6	(0.6)	-0.5	(0.8)	4.5	(0.6)	2.6	(0.3)	**1.9**	0.6
	New Zealand	33.6	(1.2)	33.9	(1.3)	-0.3	(1.8)	17.0	(0.9)	17.3	(0.8)	-0.3	(1.1)	10.8	(0.7)	9.0	(0.7)	1.8	1.0
	Norway	31.1	(1.2)	23.4	(1.0)	**7.7**	(1.3)	7.2	(0.7)	3.4	(0.4)	**3.8**	(0.7)	7.0	(0.6)	2.7	(0.4)	**4.4**	0.7
	Poland	54.8	(1.2)	57.5	(1.3)	-2.7	(1.4)	19.6	(0.9)	19.1	(0.9)	0.5	(0.9)	11.4	(0.7)	9.9	(0.7)	1.5	0.8
	Portugal	67.8	(1.3)	69.7	(1.3)	-1.9	(1.8)	26.1	(1.2)	27.1	(1.1)	-1.0	(1.5)	14.6	(0.9)	14.7	(1.0)	-0.1	1.2
	Slovak Republic	52.2	(1.3)	59.4	(1.8)	**-7.2**	(1.8)	22.9	(1.2)	28.3	(1.3)	**-5.4**	(1.5)	11.5	(0.7)	10.9	(0.6)	0.6	0.9
	Spain	52.6	(0.9)	55.2	(0.9)	**-2.6**	(1.0)	26.6	(0.9)	30.7	(1.0)	**-4.1**	(1.0)	24.0	(0.8)	28.3	(0.9)	**-4.3**	1.1
	Sweden	35.4	(1.3)	28.3	(1.0)	**7.1**	(1.7)	7.9	(0.5)	7.0	(0.6)	0.9	(0.7)	7.0	(0.6)	4.5	(0.4)	**2.6**	0.7
	Switzerland	39.0	(1.0)	41.1	(0.7)	-2.2	(1.2)	18.1	(0.7)	21.7	(0.8)	**-3.6**	(1.0)	6.8	(0.6)	5.8	(0.4)	1.1	0.6
	Turkey	37.4	(1.4)	36.3	(1.5)	1.1	(1.8)	13.5	(0.8)	13.4	(0.9)	0.1	(1.1)	11.8	(0.7)	9.9	(0.8)	1.9	1.0
	United Kingdom	43.3	(1.2)	47.8	(1.0)	**-4.5**	(1.4)	16.2	(0.7)	18.5	(0.8)	**-2.3**	(1.0)	8.0	(0.7)	6.9	(0.6)	1.1	0.8
	United States	42.4	(1.5)	42.2	(1.3)	0.1	(1.6)	17.0	(1.0)	17.7	(0.9)	-0.7	(1.1)	13.3	(0.9)	11.8	(1.0)	1.5	1.0
	OECD average	42.8	(0.2)	43.8	(0.2)	**-1.0**	(0.3)	18.3	(0.2)	20.1	(0.2)	**-1.8**	(0.2)	11.6	(0.1)	10.9	(0.1)	**0.8**	0.2
Partners	Argentina	47.8	(1.5)	49.1	(1.5)	-1.3	(1.7)	28.3	(1.5)	33.6	(1.5)	**-5.3**	(1.7)	18.9	(1.2)	19.4	(1.2)	-0.5	1.5
	Azerbaijan	78.9	(1.5)	80.2	(1.2)	-1.4	(1.4)	32.8	(1.7)	28.3	(1.1)	**4.5**	(1.9)	42.4	(1.5)	39.0	(1.5)	3.4	2.0
	Brazil	49.5	(1.2)	47.5	(1.2)	2.0	(1.6)	19.6	(0.9)	19.8	(0.8)	-0.2	(1.2)	18.2	(0.8)	17.5	(0.7)	0.7	1.0
	Bulgaria	55.2	(1.6)	53.2	(1.7)	2.0	(1.7)	26.4	(1.2)	27.4	(1.2)	-1.0	(1.6)	20.9	(1.3)	14.0	(1.0)	**6.8**	1.4
	Chile	38.3	(1.5)	38.2	(1.5)	0.1	(1.9)	12.4	(0.8)	14.4	(1.2)	-2.0	(1.3)	9.8	(0.8)	8.9	(0.7)	0.9	1.2
	Colombia	51.1	(1.4)	50.8	(1.4)	0.3	(1.7)	23.2	(1.2)	27.3	(1.1)	**-4.1**	(1.9)	16.6	(1.1)	18.8	(1.1)	-2.1	1.5
	Croatia	44.6	(1.2)	46.2	(1.3)	-1.6	(1.7)	24.6	(0.9)	31.1	(1.2)	**-6.5**	(1.3)	10.3	(0.8)	9.2	(0.6)	1.1	1.0
	Estonia	43.9	(1.5)	48.3	(1.3)	**-4.4**	(2.1)	15.4	(0.8)	19.2	(1.0)	**-3.8**	(1.2)	8.0	(0.7)	8.3	(0.7)	-0.3	1.0
	Hong Kong-China	74.6	(1.1)	76.1	(1.3)	-1.5	(1.5)	23.2	(1.3)	25.0	(1.8)	-1.8	(1.9)	19.4	(1.2)	16.3	(0.8)	**3.1**	1.4
	Indonesia	64.1	(3.5)	67.6	(2.1)	-3.5	(3.5)	17.4	(1.2)	17.5	(0.8)	-0.2	(1.4)	20.2	(1.1)	18.6	(0.9)	1.6	1.3
	Israel	65.7	(1.5)	63.2	(1.5)	2.5	(2.0)	41.3	(1.4)	43.1	(1.5)	-1.7	(1.9)	22.6	(1.2)	18.0	(0.9)	**4.5**	1.4
	Jordan	73.2	(1.3)	72.0	(1.2)	1.3	(1.8)	36.0	(1.0)	32.8	(1.2)	**3.2**	(1.6)	30.5	(1.3)	20.1	(1.0)	**10.4**	1.6
	Kyrgyzstan	84.6	(1.1)	85.7	(1.1)	-1.1	(1.1)	28.4	(1.1)	24.8	(1.1)	**3.6**	(1.5)	30.9	(1.2)	23.8	(1.1)	**7.1**	1.4
	Latvia	67.6	(1.4)	75.2	(1.2)	**-7.5**	(1.5)	29.2	(1.2)	35.2	(1.6)	**-6.0**	(1.6)	14.7	(0.9)	13.5	(0.7)	1.2	1.3
	Liechtenstein	28.1	(3.6)	27.5	(3.1)	0.6	(4.8)	11.7	(2.3)	16.1	(2.6)	-4.4	(3.4)	5.3	(1.8)	0.6	(0.6)	**4.7**	1.7
	Lithuania	45.4	(1.4)	52.4	(1.4)	**-7.0**	(1.8)	15.7	(0.9)	19.9	(1.1)	**-4.2**	(1.2)	7.3	(0.6)	6.7	(0.6)	0.6	0.7
	Macao-China	66.7	(1.1)	57.8	(1.0)	**8.8**	(1.5)	21.7	(1.1)	22.0	(1.0)	-0.3	(1.6)	22.5	(1.1)	18.7	(0.9)	**3.8**	1.4
	Montenegro	63.2	(1.1)	60.9	(1.0)	2.2	(1.6)	36.1	(1.1)	38.9	(1.2)	-2.9	(1.7)	22.1	(0.8)	19.3	(0.9)	**2.8**	1.2
	Qatar	69.1	(0.9)	58.3	(0.8)	**10.7**	(1.2)	35.3	(1.0)	37.1	(1.0)	-1.8	(1.4)	30.2	(0.9)	20.8	(0.7)	**9.4**	1.2
	Romania	60.7	(1.4)	53.0	(2.2)	**7.7**	(2.3)	27.3	(1.5)	28.5	(1.8)	-1.2	(1.9)	21.4	(1.4)	18.2	(1.5)	3.2	1.8
	Russian Federation	67.6	(1.7)	71.0	(1.7)	-3.4	(1.8)	21.3	(1.1)	22.0	(1.0)	-0.7	(1.4)	13.3	(1.1)	11.7	(0.9)	1.6	1.3
	Serbia	53.5	(1.1)	54.2	(1.5)	-0.7	(1.6)	35.5	(1.3)	41.6	(1.5)	**-6.1**	(1.7)	12.8	(0.8)	13.0	(0.7)	-0.3	1.0
	Slovenia	40.5	(0.9)	42.7	(1.1)	-2.2	(1.6)	24.4	(0.8)	29.0	(1.0)	**-4.6**	(1.3)	7.6	(0.6)	5.5	(0.5)	**2.2**	0.8
	Chinese Taipei	76.4	(0.8)	73.5	(0.8)	**2.9**	(1.3)	24.6	(0.7)	22.7	(0.7)	1.8	(1.0)	25.9	(0.7)	21.1	(0.6)	**4.8**	1.0
	Thailand	64.4	(1.5)	62.9	(1.5)	1.5	(1.8)	23.0	(1.1)	18.6	(0.9)	**4.4**	(1.3)	27.6	(1.2)	21.4	(1.0)	**6.1**	1.3
	Tunisia	72.3	(1.1)	68.7	(1.5)	3.7	(1.6)	31.4	(1.5)	30.2	(1.7)	1.1	(1.8)	30.6	(1.3)	26.1	(1.5)	**4.5**	1.7
	Uruguay	43.4	(1.5)	45.9	(1.2)	-2.5	(1.9)	25.8	(1.1)	32.3	(1.1)	**-6.6**	(1.3)	19.6	(1.1)	22.5	(0.9)	**-2.9**	1.3

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



[Part 2/3]

Table 3.14 Percentage of students by different types of out-of-school-time lessons, by gender

		Proportion of students participating in out-of-school lessons with non-school teachers												Proportion of students participating in out-of-school lessons with school teachers					
		Large group lessons						At least one of these types of out-of-school lessons						One-to-one lessons					
		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	8.1	(0.6)	6.3	(0.4)	**1.8**	(0.6)	22.6	(0.8)	23.7	(0.8)	-1.1	(1.1)	8.4	(0.5)	5.0	(0.4)	**3.4**	(0.5)
	Austria	8.0	(0.8)	4.3	(0.6)	**3.7**	(0.8)	25.1	(1.0)	23.2	(1.3)	1.8	(1.4)	6.7	(0.6)	4.1	(0.6)	**2.7**	(0.6)
	Belgium	5.0	(0.7)	3.6	(0.4)	**1.4**	(0.6)	21.7	(0.8)	23.4	(0.9)	-1.7	(1.2)	8.2	(0.5)	6.3	(0.5)	**1.9**	(0.6)
	Canada	7.9	(0.6)	6.3	(0.5)	**1.6**	(0.6)	22.1	(0.8)	23.6	(0.7)	-1.5	(1.0)	12.2	(0.6)	12.4	(0.6)	-0.2	(0.8)
	Czech Republic	6.4	(1.0)	4.7	(0.7)	**1.6**	(0.8)	20.2	(1.0)	23.8	(1.2)	**-3.6**	(1.4)	15.5	(0.9)	12.7	(1.0)	**2.8**	(1.3)
	Denmark	5.3	(0.7)	2.6	(0.4)	**2.7**	(0.6)	10.9	(0.8)	9.9	(0.7)	1.0	(0.9)	7.1	(0.6)	3.5	(0.4)	**3.7**	(0.7)
	Finland	3.9	(0.4)	3.6	(0.4)	0.3	(0.6)	9.0	(0.6)	8.1	(0.6)	0.9	(0.8)	7.6	(0.6)	8.7	(0.7)	-1.1	(0.7)
	France	6.0	(0.8)	3.9	(0.5)	**2.1**	(0.6)	26.3	(1.3)	26.4	(1.1)	-0.1	(1.3)	7.3	(0.7)	6.8	(0.7)	0.5	(0.9)
	Germany	4.9	(0.8)	2.7	(0.4)	**2.2**	(0.7)	27.4	(1.1)	27.3	(0.8)	0.1	(1.4)	6.9	(0.6)	4.6	(0.6)	**2.3**	(0.8)
	Greece	20.3	(1.5)	16.7	(1.2)	**3.6**	(1.3)	66.2	(1.4)	75.1	(1.2)	**-8.9**	(1.6)	16.7	(1.3)	7.3	(0.7)	**9.3**	(1.3)
	Hungary	9.6	(1.1)	7.9	(0.6)	1.6	(1.1)	34.4	(1.3)	42.5	(1.4)	**-8.1**	(1.7)	14.9	(0.9)	14.4	(0.9)	0.5	(1.0)
	Iceland	5.4	(0.7)	4.8	(0.5)	0.7	(0.7)	18.4	(0.9)	21.2	(1.0)	**-2.8**	(1.3)	12.0	(0.7)	8.8	(0.7)	**3.1**	(1.0)
	Ireland	7.3	(1.1)	6.1	(0.7)	1.2	(0.9)	27.4	(1.2)	30.4	(1.0)	**-3.0**	(1.5)	7.7	(0.7)	6.3	(0.7)	1.4	(0.8)
	Italy	10.9	(0.7)	7.1	(0.4)	**3.8**	(0.6)	47.3	(0.9)	44.5	(0.8)	**2.8**	(1.2)	a	a	a	a	a	a
	Japan	9.9	(0.8)	6.6	(0.7)	**3.3**	(0.8)	20.9	(1.1)	19.6	(1.4)	1.3	(1.4)	4.5	(0.4)	2.9	(0.4)	**1.6**	(0.5)
	Korea	27.6	(1.8)	26.2	(1.2)	1.4	(1.7)	55.7	(1.7)	60.0	(1.5)	-4.3	(2.5)	9.4	(0.6)	9.7	(0.7)	-0.3	(0.9)
	Luxembourg	7.4	(0.8)	3.6	(0.4)	**3.9**	(0.7)	28.2	(0.9)	27.7	(0.9)	0.5	(1.2)	15.4	(0.6)	12.1	(0.6)	**3.3**	(0.9)
	Mexico	18.6	(0.9)	13.9	(0.7)	**4.7**	(1.2)	33.0	(1.1)	28.1	(1.0)	**4.8**	(1.3)	20.2	(1.0)	14.8	(0.8)	**5.4**	(1.0)
	Netherlands	4.8	(0.6)	2.5	(0.4)	**2.2**	(0.5)	12.2	(0.8)	10.0	(0.7)	**2.1**	(0.9)	7.6	(0.6)	7.4	(0.6)	0.2	(0.8)
	New Zealand	8.4	(1.0)	5.5	(0.5)	**2.9**	(0.8)	24.4	(1.0)	23.4	(0.9)	0.9	(1.3)	8.6	(0.9)	9.6	(1.2)	-1.0	(1.5)
	Norway	7.6	(0.7)	2.4	(0.4)	**5.2**	(0.7)	13.0	(0.9)	6.6	(0.5)	**6.4**	(1.0)	11.6	(0.7)	5.2	(0.6)	**6.4**	(0.8)
	Poland	11.9	(0.8)	8.1	(0.6)	**3.8**	(0.9)	29.8	(1.0)	28.1	(1.2)	1.6	(1.2)	17.5	(0.8)	11.8	(0.8)	**5.7**	(1.0)
	Portugal	8.8	(1.2)	7.7	(0.7)	1.1	(0.9)	34.8	(1.3)	35.8	(1.2)	-1.0	(1.5)	23.9	(1.3)	20.2	(1.0)	**3.7**	(1.4)
	Slovak Republic	7.4	(0.9)	7.3	(0.7)	0.1	(0.7)	27.6	(1.2)	31.9	(1.4)	**-4.2**	(1.6)	29.0	(1.4)	31.8	(1.7)	-2.8	(1.6)
	Spain	11.3	(1.1)	9.7	(0.6)	1.5	(0.9)	40.5	(1.0)	46.4	(0.9)	**-5.9**	(1.0)	10.9	(0.7)	6.2	(0.6)	**4.7**	(0.9)
	Sweden	8.9	(0.7)	5.0	(0.6)	**3.9**	(0.8)	15.3	(0.8)	10.9	(0.7)	**4.3**	(1.0)	10.8	(0.7)	6.7	(0.7)	**4.1**	(0.8)
	Switzerland	5.8	(0.6)	3.7	(0.3)	**2.1**	(0.5)	23.5	(0.9)	25.8	(0.8)	**-2.3**	(1.2)	7.8	(0.5)	5.7	(0.4)	**2.1**	(0.6)
	Turkey	15.7	(1.0)	14.2	(1.2)	1.4	(1.3)	26.9	(1.4)	26.0	(1.4)	0.8	(1.5)	9.5	(0.9)	5.4	(0.6)	**4.1**	(1.0)
	United Kingdom	8.4	(0.8)	6.3	(0.5)	**2.1**	(0.8)	23.0	(0.9)	25.2	(1.0)	-2.2	(1.3)	11.8	(0.6)	10.8	(0.6)	1.0	(0.9)
	United States	12.9	(1.0)	10.4	(0.9)	**2.5**	(0.9)	25.6	(1.4)	24.9	(1.2)	0.7	(1.6)	23.7	(1.3)	21.0	(1.1)	**2.7**	(1.2)
	OECD average	9.5	(0.2)	7.1	(0.1)	**2.3**	(0.2)	27.1	(0.2)	27.8	(0.2)	**-0.7**	(0.2)	12.2	(0.2)	9.7	(0.1)	**2.5**	(0.2)
Partners	Argentina	14.6	(1.5)	11.8	(1.1)	2.8	(1.5)	38.2	(1.4)	41.5	(1.5)	-3.3	(1.8)	13.7	(1.0)	8.1	(1.2)	**5.6**	(1.2)
	Azerbaijan	40.5	(2.0)	37.3	(1.2)	**3.2**	(1.4)	63.5	(1.4)	61.8	(1.2)	1.8	(1.6)	40.8	(1.5)	36.9	(1.5)	**3.9**	(1.6)
	Brazil	17.7	(1.0)	13.5	(0.7)	**4.2**	(1.1)	33.9	(1.1)	32.3	(0.9)	1.6	(1.4)	15.2	(0.7)	12.2	(0.7)	**2.9**	(0.9)
	Bulgaria	21.4	(1.4)	12.1	(0.9)	**9.3**	(1.4)	39.9	(1.4)	36.1	(1.2)	**3.8**	(1.6)	26.2	(1.6)	17.6	(1.7)	**8.7**	(1.9)
	Chile	9.8	(1.2)	6.5	(0.5)	**3.3**	(0.9)	21.5	(1.0)	21.3	(1.3)	0.1	(1.6)	8.8	(0.7)	7.5	(0.6)	1.3	(1.0)
	Colombia	17.4	(1.5)	15.6	(0.8)	1.8	(1.3)	35.7	(1.4)	37.6	(1.2)	-1.8	(2.1)	17.3	(1.2)	13.1	(1.4)	**4.2**	(1.4)
	Croatia	9.9	(1.0)	5.8	(0.5)	**4.1**	(0.9)	32.0	(1.0)	36.0	(1.2)	**-3.9**	(1.4)	16.4	(0.9)	9.9	(0.8)	**6.5**	(1.2)
	Estonia	7.9	(1.0)	6.7	(0.6)	1.2	(0.8)	21.8	(1.0)	25.2	(1.1)	**-3.3**	(1.5)	19.0	(1.2)	17.8	(1.0)	1.3	(1.4)
	Hong Kong-China	30.9	(1.4)	29.2	(1.5)	1.7	(1.6)	52.2	(1.5)	51.9	(1.7)	0.3	(2.1)	6.7	(0.7)	5.1	(0.6)	1.6	(0.9)
	Indonesia	18.2	(1.3)	16.8	(0.9)	1.4	(1.4)	34.6	(1.5)	33.5	(1.2)	1.1	(1.9)	32.4	(3.1)	30.7	(2.0)	1.7	(2.4)
	Israel	19.0	(1.4)	11.9	(0.8)	**7.1**	(1.4)	54.2	(1.7)	51.3	(1.5)	2.9	(2.1)	25.2	(1.5)	16.5	(1.1)	**8.7**	(1.7)
	Jordan	27.1	(1.6)	17.0	(0.9)	**10.0**	(1.6)	52.7	(1.2)	43.5	(1.2)	**9.2**	(1.7)	35.4	(1.7)	19.5	(1.0)	**15.9**	(1.9)
	Kyrgyzstan	37.4	(1.4)	27.1	(1.1)	**10.3**	(1.7)	53.0	(1.5)	44.9	(1.2)	**8.1**	(1.9)	63.3	(1.2)	64.2	(1.3)	-0.9	(1.3)
	Latvia	19.1	(1.3)	15.2	(1.0)	**3.9**	(1.5)	41.1	(1.2)	43.4	(1.6)	-2.4	(1.9)	34.2	(1.4)	35.2	(1.6)	-1.0	(1.8)
	Liechtenstein	4.0	(1.7)	1.1	(0.8)	2.8	(1.7)	14.3	(2.6)	17.7	(2.9)	-3.5	(3.6)	7.3	(2.1)	4.5	(1.6)	2.8	(2.7)
	Lithuania	7.5	(0.7)	5.7	(0.5)	**1.8**	(0.8)	22.4	(0.9)	24.5	(1.1)	-2.2	(1.3)	12.3	(0.9)	11.6	(0.8)	0.8	(1.1)
	Macao-China	22.5	(1.4)	16.3	(1.0)	**6.2**	(1.4)	41.6	(1.3)	36.6	(1.0)	**5.0**	(1.6)	17.5	(0.9)	10.9	(0.8)	**6.5**	(1.2)
	Montenegro	20.1	(1.2)	14.6	(0.8)	**5.5**	(1.1)	47.4	(1.1)	47.5	(1.2)	-0.1	(1.7)	30.1	(0.9)	19.9	(0.9)	**10.2**	(1.5)
	Qatar	28.6	(1.2)	17.3	(0.7)	**11.3**	(1.1)	51.3	(1.0)	45.9	(0.9)	**5.4**	(1.4)	45.8	(0.9)	22.6	(0.7)	**23.1**	(1.2)
	Romania	19.0	(1.8)	12.0	(1.4)	**7.0**	(1.3)	39.3	(1.5)	37.7	(1.8)	1.6	(2.1)	32.1	(1.4)	21.8	(1.7)	**10.3**	(1.7)
	Russian Federation	14.5	(1.3)	11.1	(1.0)	**3.5**	(1.3)	32.2	(1.3)	30.3	(1.5)	1.9	(1.8)	31.2	(1.2)	30.3	(1.2)	0.9	(1.6)
	Serbia	10.2	(1.0)	7.3	(0.7)	**2.9**	(0.9)	41.2	(1.3)	45.4	(1.5)	**-4.2**	(1.7)	12.9	(0.8)	7.7	(0.8)	**5.2**	(1.0)
	Slovenia	6.1	(0.8)	4.0	(0.6)	**2.1**	(0.9)	29.2	(0.9)	33.1	(1.1)	**-3.9**	(1.6)	10.8	(0.6)	7.0	(0.7)	**3.8**	(1.0)
	Chinese Taipei	41.7	(1.0)	38.8	(1.2)	2.9	(1.6)	58.1	(1.0)	55.6	(1.2)	2.5	(1.6)	16.1	(0.8)	12.5	(0.7)	**3.6**	(1.0)
	Thailand	34.3	(1.3)	29.0	(1.2)	**5.4**	(1.9)	47.3	(1.7)	42.0	(1.4)	**5.3**	(1.8)	25.4	(1.2)	17.7	(0.8)	**7.7**	(1.3)
	Tunisia	23.6	(1.7)	15.4	(0.9)	**8.3**	(1.3)	48.1	(1.6)	41.9	(1.7)	**6.2**	(1.9)	44.7	(1.5)	40.7	(1.7)	**4.1**	(1.8)
	Uruguay	13.1	(1.3)	11.0	(0.8)	2.1	(1.2)	35.3	(1.2)	39.7	(1.2)	**-4.4**	(1.4)	11.5	(1.4)	7.6	(0.7)	**3.9**	(1.6)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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[Part 3/3]
Table 3.14 Percentage of students by different types of out-of-school-time lessons, by gender

		Proportion of students participating in out-of-school lessons with school teachers																	
		Small group lessons						Large group lessons						At least one of these types of out-of-school lessons					
		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	8.5	(0.5)	5.9	(0.4)	**2.6**	(0.5)	10.4	(0.5)	5.9	(0.4)	**4.5**	(0.6)	16.6	(0.7)	11.4	(0.6)	**5.2**	(0.7)
	Austria	14.1	(1.0)	12.0	(1.0)	2.2	(1.1)	15.3	(1.0)	16.0	(1.1)	-0.6	(1.2)	24.1	(1.4)	22.6	(1.4)	1.4	(1.6)
	Belgium	8.8	(0.6)	6.8	(0.5)	**2.0**	(0.7)	7.4	(0.4)	4.5	(0.4)	**3.0**	(0.5)	15.9	(0.7)	12.4	(0.7)	**3.5**	(0.9)
	Canada	10.9	(0.5)	10.0	(0.5)	0.9	(0.6)	12.3	(0.6)	10.2	(0.5)	**2.1**	(0.7)	21.5	(0.7)	21.2	(0.7)	0.3	(0.9)
	Czech Republic	11.9	(0.8)	9.7	(0.9)	**2.3**	(1.1)	14.9	(1.0)	11.5	(0.9)	**3.4**	(1.3)	25.1	(1.3)	20.9	(1.4)	**4.2**	(1.8)
	Denmark	8.8	(0.7)	7.1	(0.7)	1.7	(0.9)	9.9	(0.7)	6.2	(0.6)	**3.8**	(0.8)	16.2	(0.9)	12.0	(0.9)	**4.2**	(1.1)
	Finland	9.6	(0.7)	9.3	(0.7)	0.3	(0.9)	14.2	(0.8)	10.1	(0.7)	**4.0**	(0.9)	18.8	(0.9)	17.6	(0.8)	1.2	(1.1)
	France	17.8	(1.0)	18.0	(1.0)	-0.2	(1.3)	10.9	(0.8)	9.8	(0.7)	1.1	(0.9)	24.0	(1.1)	23.8	(1.0)	0.2	(1.4)
	Germany	7.7	(0.6)	7.8	(0.8)	-0.1	(0.9)	11.1	(0.8)	9.6	(0.8)	1.6	(1.0)	18.8	(0.9)	16.4	(1.0)	**2.5**	(1.2)
	Greece	17.9	(1.1)	11.6	(1.0)	**6.2**	(1.3)	13.1	(1.1)	6.2	(0.7)	**7.0**	(1.2)	27.4	(1.5)	16.6	(1.1)	**10.8**	(1.6)
	Hungary	12.4	(1.0)	13.1	(0.9)	-0.7	(1.2)	16.3	(1.0)	15.4	(0.9)	1.0	(1.2)	29.4	(1.4)	29.3	(1.3)	0.1	(1.5)
	Iceland	15.3	(0.9)	13.7	(0.7)	1.6	(1.1)	11.9	(0.8)	16.2	(0.9)	**-4.3**	(1.1)	25.8	(1.1)	28.2	(1.0)	-2.4	(1.5)
	Ireland	9.9	(0.8)	8.1	(0.7)	**1.8**	(0.9)	11.4	(0.8)	8.3	(0.8)	**3.0**	(1.0)	18.9	(1.0)	15.0	(1.0)	**3.9**	(1.2)
	Italy	36.1	(1.0)	36.6	(1.0)	-0.5	(1.2)	27.0	(0.8)	24.7	(0.8)	**2.4**	(1.0)	46.2	(1.1)	45.3	(1.0)	1.0	(1.2)
	Japan	8.1	(0.6)	5.1	(0.5)	**3.1**	(0.8)	32.3	(1.4)	28.6	(1.5)	**3.6**	(1.5)	37.0	(1.5)	32.8	(1.5)	**4.2**	(1.6)
	Korea	17.1	(0.8)	16.3	(0.8)	0.8	(1.1)	34.9	(1.4)	37.6	(1.9)	-2.6	(2.1)	49.5	(1.3)	51.3	(1.7)	-1.8	(2.0)
	Luxembourg	14.5	(0.8)	14.7	(0.8)	-0.2	(1.1)	10.8	(0.7)	8.9	(0.6)	**1.9**	(0.9)	25.9	(0.8)	24.8	(0.9)	1.1	(1.1)
	Mexico	20.3	(1.0)	15.1	(0.8)	**5.2**	(1.1)	27.2	(1.0)	20.7	(0.9)	**6.5**	(1.1)	37.9	(1.1)	29.1	(1.0)	**8.7**	(1.3)
	Netherlands	8.7	(0.7)	8.7	(0.7)	0.0	(0.9)	7.4	(0.8)	7.0	(0.6)	0.4	(0.9)	15.4	(1.1)	15.6	(0.9)	-0.2	(1.1)
	New Zealand	9.5	(0.6)	9.9	(1.0)	-0.5	(1.2)	10.7	(0.8)	7.6	(0.7)	**3.1**	(1.0)	18.2	(1.1)	17.3	(1.3)	0.8	(1.7)
	Norway	14.2	(0.9)	9.5	(0.7)	**4.8**	(1.1)	20.4	(1.0)	14.0	(0.9)	**6.5**	(1.2)	27.4	(1.1)	20.1	(0.9)	7.3	(1.3)
	Poland	22.8	(1.1)	23.4	(1.0)	-0.6	(1.4)	27.2	(1.0)	26.2	(1.1)	1.0	(1.0)	41.5	(1.2)	41.0	(1.2)	0.6	(1.4)
	Portugal	31.7	(1.4)	32.0	(1.3)	-0.3	(1.4)	25.7	(1.2)	22.0	(1.3)	**3.7**	(1.2)	48.5	(1.5)	47.2	(1.6)	1.2	(1.7)
	Slovak Republic	17.4	(1.0)	18.8	(1.3)	-1.4	(1.3)	22.9	(1.3)	25.0	(1.5)	-2.2	(1.5)	37.5	(1.5)	39.7	(1.9)	-2.2	(1.9)
	Spain	13.2	(0.6)	8.3	(0.5)	**4.9**	(0.8)	11.6	(0.6)	7.9	(0.6)	**3.7**	(0.8)	22.5	(0.8)	14.6	(0.8)	**7.9**	(1.0)
	Sweden	15.9	(0.8)	12.5	(0.7)	**3.4**	(1.1)	24.3	(0.9)	17.2	(1.0)	**7.1**	(1.3)	30.2	(1.2)	22.5	(1.0)	**7.7**	(1.6)
	Switzerland	10.7	(0.5)	9.4	(0.6)	1.3	(0.8)	14.9	(0.8)	13.2	(0.7)	**1.8**	(0.9)	23.8	(0.8)	21.1	(0.8)	**2.7**	(0.9)
	Turkey	10.9	(0.8)	7.4	(0.6)	3.6	(1.0)	13.8	(1.0)	11.6	(0.9)	2.2	(1.3)	21.9	(1.2)	17.1	(1.1)	**4.8**	(1.5)
	United Kingdom	17.3	(0.8)	18.1	(0.8)	**-0.9**	(1.0)	19.8	(0.9)	19.2	(0.9)	0.6	(1.0)	31.6	(1.1)	31.9	(1.1)	-0.2	(1.4)
	United States	20.9	(1.2)	17.2	(0.9)	**3.7**	(1.3)	21.1	(1.4)	15.1	(0.9)	**6.0**	(1.3)	34.5	(1.6)	30.2	(1.2)	**4.3**	(1.5)
	OECD average	14.8	(0.2)	13.2	(0.2)	**1.6**	(0.2)	17.0	(0.2)	14.5	(0.2)	**2.5**	(0.2)	27.7	(0.2)	25.0	(0.2)	**2.8**	(0.3)
Partners	Argentina	15.9	(1.4)	9.6	(0.9)	**6.3**	(1.4)	14.4	(1.3)	8.6	(1.0)	**5.8**	(1.2)	25.3	(1.6)	15.6	(1.3)	**9.7**	(1.3)
	Azerbaijan	39.0	(1.7)	35.3	(1.6)	3.7	(2.1)	49.6	(1.8)	47.0	(1.5)	2.6	(1.8)	68.5	(1.7)	66.7	(1.6)	1.8	(1.5)
	Brazil	25.5	(1.1)	21.8	(1.0)	**3.7**	(1.4)	23.7	(1.0)	17.6	(0.9)	**6.1**	(1.2)	37.8	(1.2)	31.4	(1.2)	**6.4**	(1.6)
	Bulgaria	22.3	(1.6)	15.9	(1.2)	**6.4**	(1.8)	26.6	(1.4)	18.8	(1.4)	**7.9**	(1.4)	39.2	(1.8)	30.4	(1.9)	**8.8**	(2.0)
	Chile	16.7	(1.0)	15.6	(1.0)	1.0	(1.2)	19.2	(1.0)	15.9	(1.0)	**3.3**	(1.2)	28.0	(1.4)	26.2	(1.4)	1.8	(1.8)
	Colombia	22.8	(1.7)	17.8	(1.4)	**5.1**	(2.0)	22.3	(1.3)	17.0	(1.2)	**5.3**	(1.4)	33.1	(1.4)	26.2	(1.5)	**6.9**	(1.4)
	Croatia	13.3	(0.8)	9.0	(0.7)	**4.4**	(1.0)	15.4	(1.0)	8.6	(0.8)	**6.8**	(1.2)	25.6	(1.1)	18.1	(1.2)	**7.5**	(1.6)
	Estonia	13.9	(0.9)	13.5	(1.0)	0.3	(1.3)	20.2	(1.0)	17.1	(1.1)	**3.1**	(1.5)	33.3	(1.5)	30.8	(1.3)	2.5	(1.9)
	Hong Kong-China	18.6	(1.0)	15.3	(1.2)	**3.4**	(1.5)	42.2	(1.6)	41.8	(1.6)	0.4	(1.9)	49.3	(1.6)	47.9	(1.6)	1.4	(2.0)
	Indonesia	26.3	(2.6)	26.6	(1.7)	-0.3	(2.2)	34.6	(2.8)	35.1	(2.3)	-0.5	(2.3)	51.3	(4.0)	52.3	(2.7)	-1.0	(3.3)
	Israel	23.7	(1.2)	18.1	(1.1)	**5.6**	(1.3)	22.5	(1.3)	17.9	(0.8)	**4.5**	(1.4)	39.2	(1.4)	31.4	(1.3)	**7.7**	(1.7)
	Jordan	36.3	(1.3)	27.2	(1.2)	**9.2**	(1.9)	41.9	(1.3)	39.9	(1.4)	2.0	(1.9)	60.0	(1.7)	53.2	(1.5)	**6.8**	(2.2)
	Kyrgyzstan	45.0	(1.4)	43.3	(1.4)	1.8	(1.6)	52.9	(1.4)	52.9	(1.4)	-0.0	(1.4)	78.8	(1.3)	78.2	(1.3)	0.6	(1.2)
	Latvia	25.3	(1.2)	25.8	(1.3)	-0.6	(1.4)	28.0	(1.7)	30.0	(1.6)	-2.0	(2.3)	48.8	(1.8)	52.2	(1.5)	-3.4	(2.1)
	Liechtenstein	11.2	(2.4)	5.0	(1.6)	**6.3**	(3.1)	15.8	(3.0)	6.1	(1.8)	**9.7**	(3.7)	21.7	(3.3)	12.3	(2.3)	**9.3**	(4.1)
	Lithuania	16.8	(1.0)	18.5	(1.0)	-1.6	(1.2)	19.5	(1.0)	19.2	(1.1)	0.3	(1.3)	33.1	(1.2)	35.8	(1.3)	-2.6	(1.6)
	Macao-China	27.7	(1.0)	17.6	(0.8)	**10.1**	(1.3)	39.7	(1.2)	30.0	(1.1)	**9.7**	(1.7)	53.8	(1.1)	39.4	(1.1)	**14.4**	(1.6)
	Montenegro	21.4	(0.8)	13.9	(0.9)	**7.5**	(1.2)	26.1	(1.0)	17.0	(0.8)	**9.1**	(1.3)	40.0	(1.1)	29.1	(1.1)	**10.8**	(1.5)
	Qatar	39.5	(0.8)	19.3	(0.6)	**20.2**	(1.0)	38.0	(1.0)	21.4	(0.7)	**16.6**	(1.3)	58.1	(0.8)	33.2	(0.8)	**24.9**	(1.1)
	Romania	27.5	(1.4)	21.4	(1.4)	**6.1**	(1.9)	27.2	(1.4)	16.6	(2.1)	**10.5**	(2.0)	46.2	(1.5)	34.1	(2.2)	**12.1**	(2.2)
	Russian Federation	30.6	(1.4)	32.4	(1.4)	-1.8	(1.6)	36.7	(1.6)	36.7	(1.5)	0.0	(1.7)	56.2	(1.6)	58.9	(1.6)	-2.7	(1.9)
	Serbia	15.2	(0.9)	9.2	(0.7)	**5.9**	(1.0)	17.8	(1.1)	11.4	(0.8)	**6.4**	(1.2)	27.3	(1.1)	19.9	(1.1)	**7.5**	(1.4)
	Slovenia	9.8	(0.7)	8.0	(0.8)	1.7	(1.1)	14.2	(0.8)	9.2	(0.6)	**5.0**	(1.0)	23.1	(0.9)	17.3	(0.9)	**5.8**	(1.3)
	Chinese Taipei	25.4	(0.9)	20.0	(1.1)	**5.3**	(1.3)	38.4	(1.0)	31.5	(1.1)	**6.8**	(1.4)	48.5	(1.1)	41.3	(1.4)	**7.2**	(1.7)
	Thailand	31.7	(1.5)	23.2	(0.9)	**8.5**	(1.5)	41.6	(1.4)	37.1	(1.4)	**4.6**	(1.4)	50.6	(1.6)	44.9	(1.2)	**5.7**	(1.6)
	Tunisia	35.9	(1.4)	29.9	(1.4)	**6.0**	(1.7)	33.4	(1.3)	27.9	(1.1)	**5.5**	(1.6)	56.8	(1.4)	51.4	(1.6)	**5.3**	(1.9)
	Uruguay	10.9	(0.9)	7.1	(0.7)	**3.8**	(1.1)	11.5	(0.9)	6.0	(0.6)	**5.5**	(1.1)	20.8	(1.6)	13.6	(0.9)	**7.1**	(1.8)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.15 [Part 1/5] Percentage of students by different types of out-of-school-time lessons, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Proportion of students participating in out-of-school-time lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	26.8	(1.1)	28.1	(0.9)	31.8	(1.1)	37.9	(1.0)	**-11.0**	(1.4)
	Austria	34.9	(2.1)	33.4	(1.5)	37.5	(1.4)	39.3	(1.8)	-4.5	(2.6)
	Belgium	25.5	(1.2)	28.4	(1.3)	32.2	(1.1)	35.4	(1.4)	**-9.8**	(2.0)
	Canada	31.5	(1.2)	33.5	(1.1)	37.5	(1.3)	40.8	(1.3)	**-9.4**	(1.8)
	Czech Republic	36.5	(1.8)	33.5	(1.8)	37.3	(1.6)	41.7	(1.6)	**-5.6**	(2.4)
	Denmark	24.8	(1.5)	19.8	(1.5)	18.6	(1.4)	18.7	(1.2)	**6.0**	(1.9)
	Finland	22.6	(1.1)	25.8	(1.4)	22.9	(1.3)	22.4	(1.4)	0.1	(1.6)
	France	36.9	(1.6)	39.6	(1.5)	42.4	(1.6)	47.6	(1.9)	**-11.0**	(2.5)
	Germany	31.8	(1.6)	36.9	(1.6)	41.2	(1.6)	38.0	(1.6)	**-6.2**	(2.3)
	Greece	64.6	(2.0)	74.1	(1.4)	80.2	(1.3)	86.6	(1.1)	**-22.0**	(2.4)
	Hungary	46.6	(1.9)	48.5	(1.8)	56.9	(1.8)	64.9	(1.8)	**-18.6**	(2.6)
	Iceland	37.9	(1.8)	39.2	(1.4)	43.5	(1.6)	40.8	(1.5)	-2.7	(2.6)
	Ireland	30.8	(1.9)	35.8	(1.8)	43.0	(1.7)	42.9	(1.5)	**-12.3**	(2.4)
	Italy	57.6	(1.2)	64.0	(1.0)	70.0	(1.1)	74.2	(0.8)	**-16.7**	(1.3)
	Japan	41.6	(2.0)	42.7	(1.8)	45.8	(1.9)	52.0	(2.2)	**-10.5**	(2.8)
	Korea	68.8	(1.9)	74.7	(1.4)	82.0	(1.3)	91.2	(1.0)	**-22.4**	(2.4)
	Luxembourg	41.5	(1.6)	48.1	(1.6)	44.9	(1.4)	40.5	(1.4)	1.1	(2.1)
	Mexico	51.1	(2.0)	44.2	(1.3)	47.9	(1.2)	47.5	(1.2)	3.6	(2.5)
	Netherlands	21.6	(1.7)	21.5	(1.4)	23.0	(1.3)	22.1	(1.6)	-0.8	(2.3)
	New Zealand	29.3	(1.6)	29.6	(1.4)	35.7	(1.6)	39.9	(1.6)	**-10.6**	(2.3)
	Norway	32.1	(1.6)	27.4	(1.6)	25.5	(1.3)	23.5	(1.3)	**8.5**	(1.8)
	Poland	49.9	(1.9)	51.1	(1.8)	56.9	(1.4)	66.6	(1.5)	**-16.8**	(2.4)
	Portugal	63.4	(2.0)	68.2	(1.7)	68.7	(1.6)	74.7	(1.6)	**-11.3**	(2.6)
	Slovak Republic	49.3	(1.7)	53.3	(2.1)	60.2	(1.8)	60.3	(2.1)	**-11.3**	(2.5)
	Spain	49.5	(1.6)	50.3	(1.3)	56.5	(1.4)	59.1	(1.6)	**-9.5**	(2.3)
	Sweden	38.5	(1.5)	33.8	(1.5)	28.8	(1.4)	26.3	(1.5)	**12.3**	(2.1)
	Switzerland	39.2	(1.3)	37.7	(1.2)	40.9	(1.3)	41.9	(1.6)	-2.7	(2.1)
	Turkey	28.1	(1.6)	30.1	(1.7)	37.2	(1.3)	52.5	(1.9)	**-24.1**	(2.4)
	United Kingdom	42.3	(1.5)	44.5	(1.4)	45.9	(1.6)	49.5	(1.6)	**-7.1**	(2.1)
	United States	44.9	(2.3)	43.5	(2.0)	42.2	(1.6)	39.0	(1.4)	**6.2**	(2.6)
	OECD average	40.0	(0.3)	41.4	(0.3)	44.6	(0.3)	47.3	(0.3)	**-7.3**	(0.4)
Partners	Argentina	42.1	(2.0)	45.7	(2.4)	50.9	(2.0)	55.5	(2.2)	**-13.0**	(3.0)
	Azerbaijan	72.8	(2.1)	78.6	(1.8)	81.4	(1.7)	85.1	(1.2)	**-12.3**	(2.3)
	Brazil	44.4	(1.7)	44.2	(1.7)	47.2	(1.6)	58.1	(1.9)	**-13.9**	(2.7)
	Bulgaria	52.5	(3.0)	51.0	(2.3)	55.5	(1.5)	57.9	(1.6)	-5.0	(3.5)
	Chile	37.4	(1.9)	35.8	(1.5)	37.3	(1.8)	42.3	(2.3)	-5.0	(2.9)
	Colombia	50.6	(1.9)	46.9	(2.0)	51.4	(1.6)	54.8	(1.9)	-4.1	(2.8)
	Croatia	38.7	(1.5)	44.4	(1.5)	47.3	(1.5)	51.4	(1.6)	**-12.6**	(2.0)
	Estonia	46.4	(1.6)	48.0	(1.9)	44.6	(1.7)	45.1	(1.9)	1.4	(2.4)
	Hong Kong-China	63.6	(1.6)	73.1	(1.5)	80.4	(1.4)	84.3	(1.0)	**-20.8**	(1.9)
	Indonesia	64.9	(3.0)	66.0	(1.9)	61.9	(4.0)	70.3	(2.6)	-5.3	(3.1)
	Israel	62.0	(2.0)	61.0	(1.9)	65.0	(1.6)	69.9	(1.6)	**-7.9**	(2.4)
	Jordan	70.1	(1.4)	72.8	(1.5)	75.3	(1.4)	72.0	(1.8)	-1.7	(2.2)
	Kyrgyzstan	84.9	(2.0)	86.9	(1.3)	85.7	(1.5)	83.5	(1.4)	1.5	(2.5)
	Latvia	70.0	(1.8)	69.5	(1.7)	72.4	(1.6)	74.1	(1.4)	**-4.3**	(2.0)
	Liechtenstein	35.4	(4.6)	17.6	(4.0)	29.0	(5.7)	27.4	(5.5)	**7.3**	(7.2)
	Lithuania	42.3	(1.5)	44.1	(1.9)	51.8	(1.9)	57.1	(1.7)	**-15.0**	(2.4)
	Macao-China	60.4	(1.7)	61.6	(1.8)	60.5	(1.7)	66.5	(1.6)	**-6.0**	(2.1)
	Montenegro	55.8	(1.6)	58.5	(1.6)	65.9	(1.6)	68.0	(1.6)	**-12.4**	(2.3)
	Qatar	62.8	(1.4)	64.5	(1.2)	60.8	(1.2)	66.2	(1.2)	-3.3	(1.8)
	Romania	58.0	(1.8)	53.2	(2.8)	56.6	(2.1)	59.6	(2.0)	-1.3	(2.4)
	Russian Federation	68.4	(2.1)	67.4	(1.9)	69.5	(1.9)	72.4	(1.7)	-4.0	(2.4)
	Serbia	45.7	(1.5)	51.2	(1.6)	56.8	(1.8)	61.6	(1.9)	**-15.9**	(2.2)
	Slovenia	40.4	(1.5)	42.0	(1.5)	42.2	(1.4)	41.9	(1.4)	-1.4	(2.1)
	Chinese Taipei	70.3	(1.1)	73.3	(1.0)	76.2	(1.0)	80.6	(0.9)	**-10.3**	(1.4)
	Thailand	51.9	(1.8)	60.9	(1.9)	64.2	(1.9)	77.1	(1.7)	**-25.4**	(2.5)
	Tunisia	59.3	(1.8)	68.7	(1.6)	74.4	(1.4)	79.3	(1.5)	**-20.0**	(2.1)
	Uruguay	31.9	(1.7)	41.1	(2.0)	47.8	(2.2)	57.9	(1.6)	**-26.0**	(2.3)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.15 [Part 2/5] Percentage of students by different types of out-of-school-time lessons, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Proportion of students participating in out-of-school lessons with non-school teachers																			
		One-to-one lessons										Small group lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	11.5	(0.7)	14.0	(0.7)	17.2	(0.8)	23.6	(0.9)	**-12.1**	(1.1)	8.9	(0.8)	7.3	(0.6)	7.6	(0.6)	8.5	(0.6)	0.4	(1.0)
	Austria	12.1	(1.1)	13.4	(1.1)	18.4	(1.1)	23.0	(1.4)	**-10.8**	(1.7)	9.3	(1.0)	7.6	(0.7)	6.7	(0.8)	7.4	(1.2)	2.0	(1.5)
	Belgium	10.3	(0.9)	16.0	(1.1)	19.9	(0.9)	25.0	(1.3)	**-14.6**	(1.5)	7.6	(0.7)	6.4	(0.8)	7.2	(0.6)	8.4	(0.7)	-0.8	(1.1)
	Canada	12.2	(0.7)	13.6	(0.7)	17.4	(1.0)	22.7	(0.9)	**-10.6**	(1.3)	7.2	(0.6)	8.5	(0.7)	9.0	(0.7)	9.0	(0.7)	**-1.9**	(0.9)
	Czech Republic	9.9	(1.1)	13.4	(1.3)	16.1	(1.1)	24.3	(1.4)	**-14.1**	(1.7)	6.9	(1.0)	7.0	(0.9)	8.3	(0.9)	9.4	(0.8)	**-2.8**	(1.2)
	Denmark	6.4	(0.9)	4.7	(0.7)	4.6	(0.7)	5.7	(0.8)	0.7	(1.2)	6.6	(0.9)	3.7	(0.6)	3.5	(0.6)	4.5	(0.7)	2.2	(1.2)
	Finland	3.2	(0.5)	5.4	(0.7)	5.3	(0.7)	7.5	(1.0)	**-4.2**	(1.0)	2.3	(0.4)	3.1	(0.6)	2.4	(0.4)	1.9	(0.4)	0.4	(0.6)
	France	14.2	(1.3)	19.7	(1.2)	23.8	(1.6)	32.4	(1.8)	**-18.1**	(2.3)	10.0	(0.9)	9.9	(1.0)	7.7	(1.0)	8.6	(0.9)	1.4	(1.3)
	Germany	15.3	(1.2)	21.8	(1.3)	25.4	(1.4)	23.7	(1.4)	**-8.8**	(2.0)	6.4	(0.8)	5.7	(0.7)	8.4	(0.9)	8.6	(0.9)	-2.1	(1.2)
	Greece	30.4	(1.8)	41.3	(1.9)	48.4	(1.8)	58.9	(1.5)	**-28.6**	(2.5)	39.1	(1.8)	47.0	(1.8)	48.8	(1.9)	48.8	(2.5)	**-9.9**	(2.9)
	Hungary	17.7	(1.2)	27.7	(1.6)	37.1	(1.8)	47.5	(1.8)	**-29.7**	(2.2)	9.3	(1.1)	10.2	(1.1)	11.5	(1.1)	12.2	(0.9)	-2.7	(1.5)
	Iceland	9.9	(1.0)	13.5	(1.1)	17.2	(1.3)	18.0	(1.2)	**-8.1**	(1.7)	5.2	(0.8)	5.7	(0.8)	7.6	(0.8)	8.2	(0.8)	**-3.1**	(1.1)
	Ireland	12.3	(1.0)	18.7	(1.1)	25.6	(1.4)	28.9	(1.3)	**-16.5**	(1.7)	7.2	(1.0)	9.0	(0.9)	9.8	(1.0)	12.8	(1.1)	**-5.6**	(1.5)
	Italy	22.5	(1.0)	33.5	(1.0)	42.5	(1.1)	50.4	(1.0)	**-27.8**	(1.3)	14.3	(0.8)	14.4	(0.9)	13.0	(0.8)	14.7	(0.7)	-0.4	(1.0)
	Japan	5.8	(0.7)	7.7	(0.8)	9.9	(1.1)	14.1	(1.3)	**-8.2**	(1.5)	5.5	(0.7)	7.6	(0.8)	8.3	(0.9)	12.3	(1.1)	**-6.8**	(1.2)
	Korea	20.3	(1.4)	27.4	(1.4)	33.8	(1.5)	43.7	(1.6)	**-23.4**	(2.1)	19.7	(1.4)	28.8	(1.1)	31.0	(1.6)	45.6	(1.9)	**-25.9**	(2.6)
	Luxembourg	17.1	(1.2)	25.0	(1.3)	27.0	(1.4)	23.3	(1.3)	**-6.4**	(1.7)	9.0	(0.9)	7.4	(0.9)	5.5	(0.7)	6.0	(0.7)	**2.9**	(1.1)
	Mexico	13.3	(1.3)	14.9	(0.9)	19.6	(0.9)	23.9	(0.9)	**-10.7**	(1.5)	14.5	(1.4)	13.8	(0.9)	17.8	(0.9)	18.5	(0.9)	**-4.3**	(1.6)
	Netherlands	4.2	(0.7)	6.3	(0.8)	8.6	(0.9)	10.7	(1.0)	**-6.4**	(1.2)	3.8	(0.6)	4.2	(0.8)	3.4	(0.6)	2.8	(0.6)	0.8	(0.8)
	New Zealand	11.1	(1.1)	13.6	(1.0)	20.3	(1.2)	24.1	(1.4)	**-13.2**	(1.8)	10.8	(1.1)	7.3	(0.8)	11.1	(1.1)	9.8	(0.8)	1.0	(1.3)
	Norway	4.2	(0.7)	4.2	(0.7)	6.4	(0.8)	6.1	(0.7)	**-1.9**	(0.9)	5.1	(0.9)	3.7	(0.7)	5.1	(0.7)	5.0	(0.7)	0.1	(1.1)
	Poland	9.0	(0.9)	11.8	(1.1)	21.2	(1.3)	35.0	(1.5)	**-26.0**	(1.7)	7.9	(0.9)	7.5	(0.7)	10.6	(0.9)	16.5	(1.4)	**-8.6**	(1.6)
	Portugal	14.3	(1.3)	23.2	(1.3)	28.2	(1.7)	40.9	(2.2)	**-26.9**	(2.8)	10.6	(1.2)	12.3	(1.2)	15.3	(1.3)	20.2	(1.6)	**-9.6**	(2.0)
	Slovak Republic	13.7	(1.1)	20.3	(1.3)	32.3	(2.0)	35.9	(1.9)	**-22.6**	(2.1)	8.2	(0.8)	10.0	(0.9)	13.0	(1.1)	13.6	(1.0)	**-5.4**	(1.3)
	Spain	20.9	(1.2)	26.2	(1.2)	31.7	(1.3)	35.8	(1.3)	**-14.9**	(1.7)	20.8	(1.1)	25.7	(1.0)	28.8	(1.2)	29.3	(1.6)	**-8.5**	(2.1)
	Sweden	6.8	(0.8)	6.1	(0.7)	7.7	(0.8)	8.7	(1.1)	-1.9	(1.4)	5.9	(0.9)	5.4	(0.7)	5.5	(0.6)	5.8	(0.7)	0.1	(1.1)
	Switzerland	16.0	(1.0)	16.8	(1.0)	20.5	(1.0)	26.1	(1.3)	**-10.0**	(1.7)	6.6	(0.7)	4.7	(0.5)	7.1	(0.7)	6.6	(0.7)	0.1	(0.9)
	Turkey	8.1	(1.2)	9.5	(1.0)	13.7	(1.1)	22.7	(1.6)	**-14.5**	(2.0)	7.8	(1.0)	8.9	(1.0)	11.1	(0.8)	16.0	(1.4)	**-8.0**	(1.7)
	United Kingdom	12.1	(1.0)	15.4	(0.8)	18.3	(1.0)	23.9	(1.2)	**-11.8**	(1.7)	7.8	(0.9)	7.4	(0.8)	7.1	(0.8)	7.3	(0.7)	0.4	(1.1)
	United States	17.3	(1.6)	16.7	(1.2)	18.0	(1.3)	17.5	(1.4)	-0.4	(2.2)	15.9	(1.6)	13.8	(1.4)	11.5	(0.9)	8.9	(1.0)	**7.1**	(1.9)
	OECD average	12.7	(0.2)	16.7	(0.2)	21.2	(0.2)	26.1	(0.2)	**-13.4**	(0.3)	10.0	(0.2)	10.5	(0.2)	11.5	(0.2)	12.9	(0.2)	**-2.9**	(0.3)
Partners	Argentina	20.3	(1.4)	27.2	(1.9)	36.4	(1.9)	40.9	(1.9)	**-20.7**	(2.3)	15.3	(1.3)	16.9	(1.3)	22.2	(1.9)	22.4	(1.6)	**-6.5**	(1.9)
	Azerbaijan	22.1	(1.9)	29.0	(2.4)	30.4	(1.3)	41.1	(1.6)	**-19.0**	(2.4)	37.2	(2.2)	42.7	(1.7)	41.3	(1.6)	42.0	(1.6)	-4.9	(2.7)
	Brazil	11.7	(1.0)	15.8	(1.0)	20.9	(1.3)	30.4	(1.4)	**-18.3**	(1.8)	14.0	(1.3)	17.3	(1.0)	19.0	(1.2)	21.2	(1.3)	**-7.2**	(1.9)
	Bulgaria	19.1	(1.5)	25.1	(1.4)	30.9	(1.6)	32.3	(1.5)	**-13.0**	(2.1)	20.3	(1.7)	15.8	(1.3)	17.5	(1.6)	16.4	(1.1)	**4.0**	(1.8)
	Chile	7.6	(1.1)	9.8	(1.2)	11.5	(1.1)	24.2	(1.6)	**-16.5**	(1.9)	10.0	(1.0)	8.3	(1.1)	7.9	(0.7)	11.2	(1.0)	-0.9	(1.4)
	Colombia	21.1	(1.7)	19.5	(1.5)	28.8	(2.0)	32.1	(1.7)	**-11.3**	(2.3)	16.1	(1.2)	17.1	(1.4)	18.9	(1.5)	19.0	(1.3)	-2.8	(1.8)
	Croatia	19.0	(1.2)	26.8	(1.5)	29.7	(1.4)	36.1	(1.4)	**-17.2**	(1.9)	9.9	(1.0)	10.5	(0.8)	8.5	(0.9)	10.2	(0.8)	-0.2	(1.1)
	Estonia	11.4	(1.3)	18.0	(1.4)	19.3	(1.3)	20.2	(1.2)	**-8.6**	(1.9)	6.1	(1.0)	7.8	(0.8)	9.2	(0.8)	9.3	(1.0)	**-3.3**	(1.3)
	Hong Kong-China	12.4	(1.0)	18.3	(1.4)	28.3	(2.1)	37.6	(2.1)	**-25.2**	(2.4)	12.8	(1.3)	14.0	(1.3)	21.1	(1.5)	23.4	(1.5)	**-10.7**	(1.9)
	Indonesia	10.9	(1.2)	14.3	(0.9)	16.0	(1.1)	28.5	(2.1)	**-17.5**	(2.3)	13.8	(1.1)	18.4	(1.1)	20.5	(1.6)	25.1	(1.6)	**-11.4**	(1.9)
	Israel	32.2	(1.8)	38.4	(2.0)	46.8	(1.9)	52.2	(1.7)	**-19.8**	(2.4)	24.4	(1.7)	18.7	(1.5)	17.9	(1.5)	19.6	(1.2)	**4.9**	(1.9)
	Jordan	27.8	(1.3)	32.8	(1.5)	39.6	(1.5)	37.3	(1.5)	**-9.6**	(1.8)	25.5	(1.5)	25.1	(1.3)	27.2	(1.4)	23.0	(1.2)	2.3	(2.0)
	Kyrgyzstan	23.9	(1.5)	27.2	(1.5)	24.7	(1.3)	29.9	(1.6)	**-5.9**	(2.2)	25.7	(1.7)	28.9	(1.7)	26.4	(1.5)	26.9	(1.4)	-1.2	(2.2)
	Latvia	20.9	(1.7)	27.5	(1.7)	35.2	(1.7)	45.3	(1.9)	**-24.4**	(2.4)	9.3	(0.9)	13.7	(1.2)	15.8	(1.1)	17.5	(1.2)	**-8.1**	(1.5)
	Liechtenstein	15.4	(3.3)	10.4	(3.6)	11.4	(3.8)	18.1	(4.7)	-2.2	(5.2)	3.7	(2.1)	1.2	(1.2)	2.5	(1.7)	2.5	(1.7)	1.3	(2.7)
	Lithuania	7.7	(0.8)	12.0	(1.0)	20.6	(1.6)	31.0	(1.6)	**-23.4**	(1.8)	4.9	(0.6)	6.6	(0.8)	7.4	(0.8)	9.0	(1.1)	**-4.0**	(1.3)
	Macao-China	19.6	(1.4)	18.1	(1.1)	22.2	(1.4)	27.7	(1.5)	**-8.1**	(1.8)	20.2	(1.3)	17.4	(1.2)	20.6	(1.3)	24.2	(1.5)	**-4.1**	(2.0)
	Montenegro	25.2	(1.4)	33.1	(1.7)	41.6	(1.7)	50.0	(1.8)	**-25.3**	(2.1)	19.8	(1.3)	19.0	(1.4)	22.3	(1.3)	21.7	(1.3)	-1.9	(2.1)
	Qatar	30.9	(1.2)	34.6	(1.4)	37.0	(1.4)	42.2	(1.3)	**-11.1**	(1.7)	26.0	(1.2)	26.3	(1.2)	24.6	(1.2)	24.7	(1.1)	1.4	(1.5)
	Romania	22.9	(1.8)	26.2	(2.0)	27.8	(1.7)	34.7	(2.4)	**-12.0**	(2.9)	18.7	(1.6)	20.1	(2.3)	18.4	(1.3)	21.9	(2.0)	-3.6	(2.8)
	Russian Federation	13.9	(1.1)	18.2	(1.2)	23.6	(1.3)	30.9	(1.4)	**-17.0**	(1.7)	11.6	(1.2)	11.6	(1.0)	12.5	(1.1)	14.3	(1.2)	**-2.7**	(1.3)
	Serbia	27.0	(1.6)	35.7	(1.5)	42.2	(2.0)	49.1	(1.7)	**-22.2**	(2.2)	11.4	(0.9)	12.0	(0.9)	13.2	(1.1)	15.0	(1.2)	**-3.6**	(1.5)
	Slovenia	22.0	(1.2)	27.9	(1.4)	29.4	(1.5)	27.5	(1.4)	**-5.5**	(1.9)	5.8	(0.7)	6.7	(0.8)	6.4	(0.8)	7.1	(0.8)	-1.5	(0.9)
	Chinese Taipei	20.4	(1.0)	21.8	(0.9)	24.3	(0.9)	28.5	(1.2)	**-8.2**	(1.5)	22.6	(0.9)	22.8	(0.9)	25.0	(1.1)	24.2	(0.9)	-1.5	(1.3)
	Thailand	13.4	(1.2)	19.1	(1.4)	21.9	(1.3)	27.6	(1.3)	**-14.3**	(1.6)	18.3	(1.2)	24.3	(1.5)	25.4	(1.5)	28.1	(1.6)	**-9.9**	(1.9)
	Tunisia	21.1	(1.4)	25.8	(1.6)	31.9	(1.5)	44.3	(2.7)	**-23.0**	(3.0)	22.7	(1.4)	25.3	(1.6)	27.7	(1.4)	37.5	(1.8)	**-14.8**	(2.2)
	Uruguay	17.2	(1.4)	25.6	(1.6)	32.2	(1.6)	41.7	(1.5)	**-24.7**	(2.3)	12.9	(1.3)	17.6	(1.6)	23.8	(1.5)	30.0	(1.5)	**-16.9**	(2.0)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.15 [Part 3/5] Percentage of students by different types of out-of-school-time lessons, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Proportion of students participating in out-of-school lessons with non-school teachers																			
		Large group lessons										At least one of these types of out-of-school lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	7.9	(0.7)	6.6	(0.6)	7.1	(0.5)	7.1	(0.4)	0.8	(0.7)	18.5	(1.0)	20.3	(0.9)	23.7	(1.0)	29.9	(0.9)	**-11.3**	(1.4)
	Austria	9.1	(1.4)	7.3	(0.8)	5.7	(0.7)	2.6	(0.5)	**6.6**	(1.5)	21.9	(1.9)	21.9	(1.2)	25.4	(1.3)	27.6	(1.6)	**-5.7**	(2.3)
	Belgium	4.9	(0.6)	4.5	(0.6)	4.0	(0.6)	3.9	(0.6)	0.9	(0.8)	16.4	(0.9)	20.0	(1.3)	24.6	(1.0)	29.2	(1.4)	**-12.6**	(1.7)
	Canada	7.4	(0.6)	7.0	(0.6)	7.3	(0.6)	6.5	(0.6)	0.9	(0.8)	18.4	(1.0)	20.1	(0.9)	24.2	(1.1)	28.5	(1.1)	**-10.1**	(1.5)
	Czech Republic	5.7	(1.0)	5.4	(0.8)	5.9	(0.8)	5.5	(0.8)	-0.2	(1.3)	15.7	(1.5)	18.0	(1.5)	22.9	(1.3)	30.5	(1.4)	**-15.1**	(2.1)
	Denmark	5.1	(0.8)	3.7	(0.8)	3.0	(0.6)	3.6	(0.5)	1.4	(0.9)	12.2	(1.2)	9.4	(1.1)	8.9	(0.9)	10.9	(1.2)	1.4	(1.7)
	Finland	2.8	(0.4)	4.0	(0.5)	4.1	(0.6)	3.9	(0.5)	-1.0	(0.7)	6.2	(0.7)	8.8	(1.0)	8.6	(0.8)	10.3	(1.0)	**-4.1**	(1.1)
	France	7.5	(1.1)	5.6	(0.8)	3.9	(0.6)	2.3	(0.6)	**5.2**	(1.3)	20.0	(1.5)	23.1	(1.4)	27.1	(1.6)	35.4	(1.9)	**-15.6**	(2.4)
	Germany	4.9	(0.7)	3.7	(0.7)	2.7	(0.6)	3.5	(0.7)	1.4	(0.9)	21.2	(1.2)	26.8	(1.4)	30.6	(1.5)	30.4	(1.5)	**-9.4**	(2.1)
	Greece	18.7	(1.8)	18.1	(1.3)	21.1	(1.4)	16.1	(1.7)	2.6	(2.2)	56.5	(1.9)	68.0	(1.7)	75.0	(1.4)	83.0	(1.3)	**-26.4**	(2.4)
	Hungary	11.6	(1.4)	7.3	(0.8)	7.3	(0.8)	8.7	(1.0)	3.0	(1.8)	26.6	(1.7)	32.6	(1.7)	42.5	(1.9)	51.6	(1.7)	**-25.1**	(2.3)
	Iceland	4.1	(0.6)	4.2	(0.7)	6.3	(0.8)	5.9	(0.7)	-1.7	(0.9)	14.2	(1.2)	18.1	(1.2)	23.2	(1.4)	23.5	(1.3)	**-9.3**	(1.7)
	Ireland	5.6	(0.9)	6.0	(0.7)	7.0	(1.0)	8.2	(1.0)	-2.6	(1.4)	18.9	(1.6)	25.7	(1.3)	33.6	(1.7)	37.4	(1.3)	**-18.6**	(2.1)
	Italy	9.6	(0.7)	8.8	(0.7)	9.2	(0.7)	8.3	(0.6)	1.2	(0.9)	34.2	(1.2)	42.3	(1.0)	50.1	(1.2)	57.1	(1.0)	**-23.0**	(1.5)
	Japan	7.5	(0.8)	6.4	(0.9)	8.5	(1.0)	10.2	(1.0)	**-2.6**	(1.1)	14.8	(1.1)	15.9	(1.3)	21.4	(1.6)	28.7	(1.8)	**-14.0**	(1.9)
	Korea	18.5	(1.4)	25.8	(1.3)	28.1	(1.3)	35.4	(1.5)	**-16.9**	(2.0)	39.0	(1.7)	54.6	(1.5)	61.1	(1.6)	76.7	(1.6)	**-37.4**	(2.5)
	Luxembourg	9.5	(0.9)	6.0	(0.8)	3.6	(0.5)	2.8	(0.5)	**6.7**	(1.1)	24.1	(1.3)	30.6	(1.5)	30.3	(1.4)	27.0	(1.3)	-3.0	(1.8)
	Mexico	17.7	(1.6)	15.5	(1.1)	16.6	(0.9)	14.9	(0.7)	2.8	(1.8)	26.4	(1.8)	26.9	(1.2)	32.0	(1.1)	36.5	(1.2)	**-10.2**	(2.0)
	Netherlands	4.9	(0.8)	4.3	(0.7)	3.0	(0.6)	2.5	(0.5)	2.5	(0.9)	9.9	(1.1)	10.2	(1.1)	11.4	(1.0)	13.0	(1.1)	**-3.0**	(1.5)
	New Zealand	8.6	(0.9)	6.5	(0.8)	5.5	(0.7)	6.7	(0.7)	1.8	(1.2)	19.2	(1.4)	19.7	(1.3)	26.2	(1.4)	30.4	(1.4)	**-11.1**	(2.0)
	Norway	4.8	(0.6)	4.7	(0.7)	5.4	(0.8)	4.8	(0.6)	0.1	(0.8)	9.9	(1.0)	8.2	(1.0)	10.5	(1.0)	10.2	(0.8)	-0.2	(1.3)
	Poland	8.7	(0.8)	8.9	(0.8)	10.3	(1.0)	12.1	(1.0)	**-3.4**	(1.3)	16.8	(1.3)	20.5	(1.2)	30.3	(1.5)	47.9	(1.8)	**-31.1**	(2.2)
	Portugal	9.6	(1.2)	6.5	(1.0)	9.4	(1.1)	7.0	(0.9)	2.1	(1.5)	22.2	(1.5)	29.5	(1.3)	37.1	(1.7)	52.1	(2.6)	**-30.7**	(3.2)
	Slovak Republic	6.4	(0.8)	5.7	(0.7)	8.2	(1.1)	9.2	(1.1)	**-2.7**	(1.3)	18.6	(1.2)	24.1	(1.4)	35.4	(1.9)	40.7	(1.8)	**-22.4**	(2.0)
	Spain	9.9	(0.7)	9.7	(0.8)	11.8	(0.7)	10.5	(0.9)	-0.6	(1.2)	33.4	(1.3)	40.0	(1.2)	47.3	(1.4)	53.2	(1.5)	**-19.7**	(2.1)
	Sweden	7.1	(0.8)	6.7	(0.9)	6.8	(0.8)	6.9	(0.7)	0.2	(1.2)	13.1	(1.2)	12.0	(1.1)	13.1	(1.0)	13.8	(1.0)	-0.8	(1.6)
	Switzerland	6.6	(0.7)	4.8	(0.6)	3.4	(0.5)	4.0	(0.5)	**2.5**	(0.8)	21.8	(1.1)	21.5	(1.1)	25.3	(1.0)	29.8	(1.3)	**-7.8**	(1.6)
	Turkey	10.0	(1.2)	11.2	(1.2)	14.3	(1.2)	24.6	(1.9)	**-14.5**	(2.1)	17.8	(1.7)	19.4	(1.5)	25.6	(1.3)	43.5	(2.2)	**-25.6**	(2.8)
	United Kingdom	8.7	(0.9)	7.4	(0.7)	6.4	(0.7)	6.5	(0.7)	2.2	(1.2)	20.5	(1.4)	21.6	(1.0)	24.2	(1.2)	30.1	(1.4)	**-9.6**	(1.9)
	United States	15.2	(1.5)	13.7	(1.4)	10.4	(1.0)	7.3	(0.8)	**7.8**	(1.6)	26.8	(2.2)	25.8	(1.6)	25.6	(1.5)	22.9	(1.6)	3.7	(2.7)
	OECD average	8.6	(0.2)	7.9	(0.2)	8.2	(0.2)	8.4	(0.2)	0.2	(0.2)	21.2	(0.3)	24.5	(0.2)	29.2	(0.2)	34.7	(0.3)	**-13.6**	(0.4)
Partners	Argentina	13.9	(1.5)	13.2	(1.4)	14.4	(1.8)	10.8	(1.1)	**3.6**	(1.8)	30.4	(1.8)	36.6	(1.9)	43.5	(1.9)	49.3	(2.1)	**-18.8**	(2.8)
	Azerbaijan	39.1	(2.9)	39.6	(1.6)	39.7	(2.0)	37.5	(1.5)	0.9	(3.4)	57.4	(2.3)	62.4	(1.7)	62.9	(1.7)	67.8	(1.5)	**-10.7**	(2.8)
	Brazil	13.9	(1.0)	16.6	(1.1)	14.6	(0.9)	16.8	(1.3)	**-3.1**	(1.6)	24.8	(1.4)	30.4	(1.3)	33.2	(1.2)	44.0	(1.6)	**-19.3**	(2.2)
	Bulgaria	21.2	(1.6)	17.2	(1.4)	15.4	(1.6)	13.7	(1.3)	**8.0**	(2.1)	31.8	(1.9)	33.9	(1.6)	42.3	(1.8)	44.1	(1.6)	**-12.2**	(2.5)
	Chile	10.3	(1.1)	9.1	(1.0)	7.2	(0.6)	6.5	(0.8)	**4.0**	(1.4)	17.7	(1.4)	18.0	(1.3)	18.8	(1.1)	31.1	(1.6)	**-13.3**	(2.1)
	Colombia	15.8	(1.4)	14.2	(1.4)	15.7	(1.7)	19.7	(2.2)	-4.0	(3.0)	31.3	(1.9)	32.2	(1.6)	38.2	(1.8)	45.1	(1.5)	**-13.9**	(2.8)
	Croatia	8.9	(1.0)	7.8	(0.8)	8.2	(0.8)	6.4	(0.8)	2.4	(1.3)	26.2	(1.6)	32.6	(1.4)	36.1	(1.6)	41.2	(1.5)	**-15.1**	(2.2)
	Estonia	5.8	(0.9)	6.7	(0.7)	8.4	(0.8)	8.4	(0.9)	**-2.5**	(1.2)	16.6	(1.5)	23.5	(1.5)	25.8	(1.3)	27.9	(1.4)	**-11.3**	(2.1)
	Hong Kong-China	20.7	(1.4)	26.3	(1.5)	32.7	(2.0)	40.6	(2.1)	**-19.8**	(2.3)	33.8	(1.6)	44.5	(1.8)	59.7	(1.9)	70.4	(1.8)	**-36.4**	(2.3)
	Indonesia	12.3	(1.2)	16.6	(1.1)	18.3	(1.9)	22.9	(1.5)	**-10.6**	(1.7)	23.9	(1.5)	31.3	(1.3)	32.9	(2.3)	48.1	(2.1)	**-24.3**	(2.8)
	Israel	18.3	(1.7)	15.7	(1.3)	12.4	(1.1)	14.7	(1.1)	3.7	(2.1)	46.7	(2.0)	48.5	(2.1)	54.4	(2.0)	61.3	(1.6)	**-14.8**	(2.3)
	Jordan	22.3	(1.4)	22.3	(1.4)	22.4	(1.4)	20.6	(1.4)	1.7	(2.0)	43.2	(1.6)	48.0	(1.4)	52.3	(1.6)	48.6	(1.5)	**-5.6**	(2.1)
	Kyrgyzstan	33.7	(1.8)	33.7	(1.6)	32.1	(1.6)	27.6	(1.8)	**6.3**	(2.4)	48.4	(1.9)	50.2	(1.5)	47.3	(1.5)	48.5	(1.8)	-0.1	(2.7)
	Latvia	14.2	(1.4)	18.0	(1.4)	18.4	(1.3)	17.9	(1.3)	-3.6	(2.1)	28.4	(1.7)	39.2	(1.7)	47.1	(1.7)	54.4	(1.5)	**-25.9**	(2.0)
	Liechtenstein	4.9	(2.4)	0.0	(0.0)	0.2	(0.8)	3.4	(2.1)	1.2	(3.1)	20.1	(4.3)	10.4	(3.6)	14.5	(4.1)	18.8	(4.8)	0.5	(5.7)
	Lithuania	6.6	(0.6)	7.0	(0.8)	6.8	(0.9)	5.9	(0.7)	0.7	(0.9)	13.9	(0.9)	18.6	(1.4)	25.6	(1.7)	35.5	(1.7)	**-21.6**	(2.1)
	Macao-China	18.7	(1.3)	18.8	(1.4)	19.3	(1.4)	20.6	(1.7)	-1.8	(2.3)	36.2	(1.6)	34.9	(1.6)	38.6	(1.7)	46.5	(1.8)	**-10.1**	(2.4)
	Montenegro	18.8	(1.3)	14.8	(1.2)	17.4	(1.2)	18.6	(1.3)	0.3	(1.8)	36.8	(1.7)	43.2	(1.7)	52.4	(1.7)	57.4	(1.7)	**-20.8**	(2.4)
	Qatar	24.4	(1.2)	24.9	(1.1)	20.6	(1.1)	21.3	(0.9)	**3.3**	(1.5)	45.1	(1.3)	48.9	(1.4)	47.9	(1.4)	52.1	(1.2)	**-7.1**	(1.7)
	Romania	20.6	(1.4)	16.2	(2.0)	13.8	(2.0)	11.1	(1.5)	**9.5**	(1.7)	36.1	(1.8)	35.7	(2.0)	38.4	(1.8)	43.9	(2.1)	**-8.0**	(2.5)
	Russian Federation	12.1	(0.9)	13.0	(1.1)	11.6	(1.1)	14.2	(1.2)	-2.1	(1.5)	24.3	(1.6)	27.7	(1.6)	32.3	(1.6)	40.7	(1.4)	**-16.1**	(1.9)
	Serbia	9.5	(0.9)	10.4	(1.0)	8.4	(1.0)	6.4	(0.8)	**3.2**	(1.2)	32.4	(1.6)	40.4	(1.5)	46.7	(1.9)	53.4	(1.9)	**-21.2**	(2.4)
	Slovenia	6.8	(0.6)	4.7	(0.6)	4.8	(0.7)	3.7	(0.6)	**3.1**	(0.9)	27.1	(1.2)	32.3	(1.4)	33.5	(1.5)	32.0	(1.5)	**-5.1**	(2.0)
	Chinese Taipei	31.9	(1.2)	37.8	(1.3)	43.3	(1.1)	48.4	(1.4)	**-16.5**	(1.7)	45.6	(1.1)	52.7	(1.4)	60.9	(1.0)	68.7	(1.0)	**-23.0**	(1.4)
	Thailand	24.4	(1.3)	28.6	(1.7)	30.5	(1.5)	41.6	(2.8)	**-17.1**	(3.0)	33.7	(1.6)	40.2	(1.8)	44.7	(1.8)	58.3	(2.6)	**-24.7**	(2.8)
	Tunisia	21.6	(1.4)	20.5	(1.5)	18.1	(1.4)	17.0	(1.8)	**4.4**	(2.2)	38.3	(1.6)	40.8	(1.7)	45.3	(1.6)	55.2	(2.7)	**-17.0**	(3.0)
	Uruguay	9.3	(0.8)	12.0	(1.1)	12.7	(1.3)	14.0	(1.1)	**-4.8**	(1.4)	23.7	(1.6)	34.1	(1.7)	41.4	(2.0)	51.2	(1.6)	**-27.7**	(2.3)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.15 [Part 4/5] Percentage of students by different types of out-of-school-time lessons, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Proportion of students participating in out-of-school lessons with school teachers																			
		One-to-one lessons										Small group lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	7.1	(0.6)	6.3	(0.5)	6.5	(0.5)	6.9	(0.6)	0.2	(0.8)	7.5	(0.6)	7.0	(0.5)	7.5	(0.6)	6.7	(0.6)	0.8	(0.8)
	Austria	6.4	(1.0)	6.6	(0.9)	5.1	(0.7)	3.6	(0.6)	**2.9**	(1.1)	16.3	(1.5)	13.0	(1.2)	12.3	(1.1)	10.7	(1.2)	**5.9**	(1.7)
	Belgium	7.3	(0.9)	7.6	(0.8)	7.2	(0.8)	6.9	(0.6)	0.6	(1.1)	8.9	(1.0)	8.0	(0.8)	8.1	(0.8)	6.3	(0.7)	**2.6**	(1.1)
	Canada	12.6	(0.8)	12.4	(0.8)	11.7	(0.7)	12.6	(0.8)	-0.0	(1.2)	11.3	(0.8)	10.5	(0.7)	10.9	(0.7)	9.2	(0.8)	2.1	(1.2)
	Czech Republic	17.2	(1.7)	14.4	(1.2)	13.6	(1.1)	11.5	(1.3)	**5.2**	(2.4)	12.5	(1.1)	11.0	(1.0)	10.1	(0.9)	10.0	(1.0)	2.0	(1.4)
	Denmark	8.9	(1.0)	4.3	(0.8)	4.6	(0.7)	3.1	(0.5)	**5.7**	(1.0)	10.3	(1.0)	8.0	(0.9)	6.9	(0.9)	6.4	(0.8)	**3.8**	(1.1)
	Finland	8.5	(0.9)	9.5	(0.9)	7.1	(0.8)	7.3	(0.8)	1.2	(1.0)	11.2	(1.0)	11.0	(1.0)	8.6	(0.8)	6.6	(0.7)	**4.7**	(1.2)
	France	9.8	(0.9)	7.2	(1.0)	5.1	(0.8)	5.7	(0.9)	**4.2**	(1.1)	19.1	(1.3)	19.7	(1.2)	18.8	(1.3)	14.2	(1.3)	**5.0**	(1.7)
	Germany	5.5	(0.9)	6.0	(0.8)	5.7	(0.8)	5.7	(0.8)	-0.0	(1.2)	7.8	(1.0)	7.4	(1.0)	8.0	(0.8)	7.2	(1.1)	0.5	(1.4)
	Greece	13.3	(1.4)	12.1	(1.2)	12.9	(1.2)	9.8	(1.0)	**3.4**	(1.7)	16.4	(1.3)	15.9	(1.5)	15.5	(1.3)	11.3	(1.1)	**5.0**	(1.6)
	Hungary	14.9	(1.3)	13.4	(1.2)	15.2	(1.3)	15.4	(1.3)	-0.6	(1.9)	15.2	(1.2)	9.8	(1.0)	12.7	(1.1)	13.3	(1.4)	1.9	(1.9)
	Iceland	14.2	(0.9)	9.0	(0.9)	10.1	(1.0)	8.3	(0.8)	**5.9**	(1.3)	17.3	(1.1)	16.2	(1.2)	13.1	(1.1)	11.3	(1.0)	**6.0**	(1.5)
	Ireland	8.0	(1.4)	6.1	(1.0)	7.1	(0.9)	6.7	(0.8)	1.1	(1.6)	11.0	(1.3)	9.2	(1.1)	9.8	(1.0)	6.0	(0.8)	**4.9**	(1.6)
	Italy	a	a	a	a	a	a	a	a	**a**	a	33.3	(1.0)	37.6	(1.1)	38.0	(1.5)	36.5	(1.4)	**-3.2**	(1.6)
	Japan	4.4	(0.7)	4.2	(0.6)	2.8	(0.5)	3.2	(0.6)	1.2	(0.8)	8.2	(0.9)	7.3	(0.8)	4.8	(0.6)	5.7	(0.7)	**2.5**	(1.3)
	Korea	10.3	(1.0)	9.7	(0.8)	10.3	(0.9)	7.9	(0.9)	2.3	(1.4)	17.3	(1.1)	16.2	(1.0)	16.1	(1.3)	17.3	(1.1)	0.1	(1.5)
	Luxembourg	15.8	(1.0)	14.7	(1.1)	11.5	(1.0)	12.8	(1.0)	**3.0**	(1.5)	18.7	(1.1)	15.6	(1.3)	12.5	(1.0)	11.4	(1.0)	**7.4**	(1.5)
	Mexico	24.8	(1.8)	16.7	(1.4)	16.9	(0.9)	11.1	(0.8)	**13.9**	(2.0)	24.0	(1.4)	19.0	(1.1)	16.8	(1.1)	10.6	(0.7)	**13.4**	(1.7)
	Netherlands	8.4	(0.9)	7.6	(0.9)	7.3	(0.8)	6.8	(0.9)	1.3	(1.1)	10.5	(1.0)	8.0	(0.9)	8.7	(0.8)	7.4	(0.9)	**2.9**	(1.3)
	New Zealand	10.4	(1.2)	8.1	(1.0)	9.4	(1.2)	8.0	(1.3)	2.4	(1.6)	13.0	(1.2)	6.8	(0.8)	9.1	(1.1)	9.8	(1.1)	3.2	(1.6)
	Norway	10.7	(1.2)	8.0	(1.1)	8.5	(0.9)	6.5	(0.9)	**4.1**	(1.4)	17.1	(1.3)	12.6	(1.2)	10.3	(1.0)	7.3	(0.8)	**9.9**	(1.7)
	Poland	17.0	(1.3)	15.2	(1.1)	13.6	(0.9)	12.6	(0.9)	**4.4**	(1.6)	24.5	(1.4)	24.0	(1.3)	23.0	(1.1)	20.8	(1.3)	**3.9**	(1.8)
	Portugal	25.4	(2.1)	24.0	(1.5)	20.4	(1.4)	17.8	(1.3)	**7.2**	(2.5)	36.8	(1.9)	32.3	(2.1)	32.5	(1.8)	25.6	(1.6)	**11.5**	(2.5)
	Slovak Republic	32.1	(2.0)	31.3	(2.0)	31.8	(2.0)	26.3	(1.6)	**5.9**	(2.3)	19.3	(1.3)	19.7	(1.6)	17.9	(1.5)	15.3	(1.6)	**3.7**	(1.8)
	Spain	10.1	(1.1)	8.7	(0.7)	9.0	(0.7)	6.3	(0.5)	**3.8**	(1.1)	14.0	(0.9)	9.9	(0.8)	11.3	(0.6)	7.9	(0.7)	**6.2**	(1.1)
	Sweden	10.3	(1.1)	10.1	(1.0)	8.0	(0.8)	5.8	(0.8)	**4.5**	(1.3)	21.1	(1.3)	17.0	(1.2)	11.3	(0.9)	7.2	(0.9)	**14.0**	(1.6)
	Switzerland	9.1	(0.7)	6.6	(0.6)	5.4	(0.5)	6.0	(0.7)	**3.1**	(1.0)	13.1	(0.9)	9.8	(0.8)	9.3	(0.8)	7.8	(0.7)	**5.3**	(1.1)
	Turkey	7.4	(1.1)	8.2	(1.2)	7.8	(0.8)	7.0	(0.9)	0.1	(1.3)	8.9	(0.9)	9.2	(1.0)	10.3	(1.0)	9.0	(0.9)	-0.0	(1.2)
	United Kingdom	13.1	(1.0)	11.1	(0.8)	10.6	(0.8)	10.2	(1.0)	2.8	(1.4)	17.4	(1.1)	18.7	(1.1)	18.0	(1.2)	16.1	(1.1)	1.2	(1.5)
	United States	26.7	(2.0)	23.9	(1.7)	21.2	(1.4)	18.0	(1.2)	**8.8**	(2.3)	25.5	(1.7)	19.5	(1.6)	17.0	(1.2)	14.5	(1.2)	**11.0**	(2.0)
	OECD average	12.8	(0.2)	11.1	(0.2)	10.6	(0.2)	9.3	(0.2)	**3.4**	(0.3)	16.2	(0.2)	14.3	(0.2)	13.6	(0.2)	11.7	(0.2)	**4.6**	(0.3)
Partners	Argentina	8.1	(1.1)	11.3	(1.6)	12.7	(1.7)	10.3	(1.7)	-1.9	(2.1)	17.9	(1.8)	11.8	(1.3)	12.4	(1.7)	8.1	(1.6)	**9.7**	(2.5)
	Azerbaijan	31.9	(2.3)	38.4	(2.3)	41.4	(1.7)	44.1	(1.7)	**-12.1**	(3.0)	33.6	(1.8)	37.3	(2.3)	37.5	(1.9)	40.4	(1.6)	**-6.8**	(2.2)
	Brazil	12.7	(1.1)	12.5	(1.0)	13.4	(1.0)	15.7	(1.1)	**-3.3**	(1.5)	25.1	(1.2)	23.3	(1.4)	21.6	(1.3)	24.2	(1.6)	1.2	(2.0)
	Bulgaria	31.8	(2.6)	23.3	(2.1)	19.7	(1.7)	13.3	(1.3)	**18.9**	(2.9)	25.7	(1.9)	20.4	(1.8)	16.4	(1.4)	14.4	(1.3)	**11.5**	(2.3)
	Chile	8.4	(1.1)	9.1	(0.9)	8.0	(0.8)	7.4	(1.0)	1.0	(1.6)	20.0	(1.3)	16.9	(1.3)	16.2	(1.4)	11.6	(1.4)	**8.2**	(2.0)
	Colombia	20.4	(1.5)	14.0	(1.4)	13.6	(1.4)	12.1	(2.0)	**8.3**	(2.3)	27.3	(1.9)	20.3	(1.9)	19.4	(1.9)	13.4	(1.3)	**13.7**	(2.0)
	Croatia	15.0	(1.1)	13.2	(1.0)	13.0	(0.9)	11.5	(1.1)	**3.5**	(1.5)	13.3	(1.2)	11.4	(1.0)	9.7	(0.9)	10.3	(1.0)	**3.0**	(1.4)
	Estonia	21.0	(1.6)	21.0	(1.7)	17.5	(1.3)	14.1	(1.2)	**7.1**	(1.9)	16.4	(1.1)	14.7	(1.4)	12.0	(1.1)	11.9	(1.3)	**4.6**	(1.5)
	Hong Kong-China	6.5	(0.7)	4.9	(0.8)	7.6	(0.9)	4.6	(0.7)	**1.8**	(0.9)	18.3	(1.3)	16.9	(1.4)	18.7	(1.6)	13.7	(1.4)	**4.6**	(2.0)
	Indonesia	38.1	(2.6)	33.4	(2.2)	31.1	(3.1)	23.6	(2.7)	**14.5**	(2.7)	29.5	(2.3)	27.4	(1.8)	27.6	(2.9)	21.5	(2.7)	**8.0**	(2.5)
	Israel	25.8	(1.7)	20.4	(1.6)	19.2	(1.5)	17.5	(1.3)	**8.5**	(2.0)	26.5	(1.8)	24.0	(1.7)	18.5	(1.4)	14.0	(1.1)	**12.1**	(2.0)
	Jordan	27.9	(1.6)	26.1	(1.5)	28.5	(1.5)	26.8	(1.9)	1.2	(2.4)	31.5	(1.5)	32.3	(1.5)	32.6	(1.5)	30.2	(1.8)	1.1	(2.3)
	Kyrgyzstan	64.9	(1.7)	66.4	(1.6)	67.4	(1.8)	56.6	(1.9)	**8.0**	(2.5)	45.0	(2.0)	45.0	(1.7)	46.5	(1.8)	39.9	(1.7)	4.9	(2.6)
	Latvia	41.3	(2.2)	36.9	(2.0)	31.8	(1.8)	28.6	(1.8)	**12.6**	(2.7)	33.0	(2.2)	26.0	(1.9)	23.3	(1.3)	19.8	(1.4)	**12.8**	(2.2)
	Liechtenstein	9.7	(3.4)	2.5	(1.8)	4.9	(2.5)	6.2	(2.8)	3.6	(4.4)	12.9	(3.8)	3.9	(2.2)	6.3	(2.7)	7.3	(2.5)	5.6	(5.0)
	Lithuania	9.7	(1.0)	11.7	(1.2)	12.8	(1.2)	13.7	(1.0)	**-4.0**	(1.3)	19.3	(1.3)	18.4	(1.4)	17.1	(1.2)	15.7	(1.3)	3.5	(1.8)
	Macao-China	17.1	(1.3)	12.6	(1.0)	13.2	(1.1)	14.0	(1.1)	3.0	(1.6)	24.9	(1.3)	22.4	(1.5)	22.3	(1.5)	21.3	(1.4)	3.4	(1.9)
	Montenegro	28.1	(1.3)	24.6	(1.3)	25.7	(1.4)	21.9	(1.5)	**6.2**	(2.0)	18.7	(1.1)	19.7	(1.4)	17.8	(1.1)	14.8	(1.2)	**4.1**	(1.5)
	Qatar	35.3	(1.3)	36.6	(1.3)	31.1	(1.3)	32.7	(0.9)	2.4	(1.5)	30.2	(1.2)	32.0	(1.3)	26.2	(1.0)	28.0	(1.2)	2.3	(1.6)
	Romania	27.9	(2.3)	26.5	(2.7)	27.2	(1.9)	26.0	(1.7)	1.9	(3.0)	32.9	(2.1)	20.9	(2.5)	22.3	(1.6)	21.5	(1.5)	**11.3**	(2.3)
	Russian Federation	33.4	(1.7)	28.6	(1.6)	29.9	(1.9)	31.1	(1.2)	2.5	(1.8)	34.7	(1.8)	33.1	(1.8)	30.9	(1.9)	27.5	(1.6)	**7.2**	(2.3)
	Serbia	10.5	(1.0)	10.2	(1.1)	11.4	(1.2)	9.1	(0.8)	1.5	(1.2)	14.1	(1.1)	13.8	(1.2)	12.2	(1.1)	9.0	(1.0)	**4.9**	(1.4)
	Slovenia	11.8	(1.0)	9.6	(0.9)	6.7	(0.7)	7.3	(0.9)	**4.3**	(1.2)	10.5	(1.3)	8.3	(0.8)	8.2	(1.0)	8.4	(0.8)	2.1	(1.5)
	Chinese Taipei	18.3	(1.4)	15.8	(1.0)	12.1	(0.9)	11.4	(0.8)	**7.0**	(1.6)	28.7	(1.6)	24.2	(1.1)	20.4	(1.1)	17.8	(1.0)	**11.0**	(2.0)
	Thailand	18.8	(1.3)	22.5	(1.4)	23.6	(1.3)	19.2	(1.2)	-0.2	(1.7)	22.3	(1.4)	29.7	(2.0)	31.0	(1.4)	24.3	(1.3)	-1.9	(1.8)
	Tunisia	34.8	(1.8)	42.5	(1.8)	47.3	(1.6)	45.7	(3.0)	**-10.9**	(3.0)	30.2	(1.5)	34.8	(1.7)	34.7	(1.7)	31.4	(2.3)	-1.3	(2.6)
	Uruguay	7.2	(0.9)	10.6	(1.6)	10.2	(1.3)	10.2	(1.0)	**-3.0**	(1.1)	7.7	(1.0)	9.7	(1.0)	8.9	(1.3)	9.5	(1.0)	-1.7	(1.4)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.15 [Part 5/5] Percentage of students by different types of out-of-school-time lessons, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Proportion of students participating in out-of-school lessons with school teachers																			
		Large group lessons										At least one of these types of out-of-school lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	9.7	(0.6)	7.2	(0.5)	7.7	(0.6)	7.9	(0.6)	**1.8**	(0.8)	14.5	(0.8)	13.2	(0.7)	13.9	(0.8)	14.4	(0.9)	**0.1**	(1.1)
	Austria	17.7	(1.6)	15.0	(1.3)	15.2	(1.1)	14.7	(1.6)	3.0	(2.1)	26.7	(1.9)	22.6	(1.5)	22.8	(1.4)	21.4	(1.8)	**5.5**	(2.3)
	Belgium	7.9	(0.9)	6.1	(0.7)	5.8	(0.7)	4.3	(0.5)	**3.6**	(1.1)	15.7	(1.4)	14.4	(1.1)	14.3	(1.0)	12.7	(0.8)	3.0	(1.6)
	Canada	12.5	(0.8)	11.3	(0.6)	11.6	(0.7)	9.7	(0.7)	**2.7**	(1.0)	21.5	(1.0)	21.4	(0.9)	21.9	(0.9)	20.7	(1.1)	0.7	(1.5)
	Czech Republic	18.1	(1.4)	14.1	(1.4)	12.5	(1.2)	8.7	(1.1)	**9.0**	(1.7)	29.1	(1.7)	23.6	(1.6)	21.2	(1.5)	18.8	(1.4)	**10.1**	(2.0)
	Denmark	9.2	(0.9)	7.6	(1.0)	8.6	(1.0)	6.6	(0.7)	**2.5**	(1.2)	17.7	(1.4)	14.1	(1.3)	13.0	(1.1)	11.1	(0.9)	**6.7**	(1.5)
	Finland	12.9	(1.1)	14.2	(1.1)	11.8	(1.1)	9.6	(0.9)	**3.4**	(1.3)	19.5	(1.1)	21.5	(1.4)	16.9	(1.2)	14.7	(1.1)	**4.7**	(1.3)
	France	12.7	(1.2)	11.0	(1.1)	8.9	(0.9)	8.6	(1.0)	**4.1**	(1.5)	25.8	(1.5)	24.6	(1.5)	23.9	(1.4)	20.9	(1.5)	**4.9**	(2.0)
	Germany	12.6	(1.3)	10.1	(1.0)	10.1	(0.9)	8.2	(0.9)	**4.5**	(1.7)	18.9	(1.5)	18.5	(1.4)	16.7	(1.2)	15.9	(1.3)	3.0	(2.1)
	Greece	12.6	(1.2)	10.3	(1.0)	9.2	(1.0)	6.3	(0.8)	**6.2**	(1.2)	25.8	(1.8)	23.1	(1.7)	21.7	(1.5)	17.5	(1.4)	**8.3**	(2.3)
	Hungary	21.4	(1.6)	13.4	(1.1)	15.1	(1.3)	13.4	(1.2)	**7.9**	(1.9)	33.5	(1.7)	25.6	(1.5)	28.7	(1.7)	29.5	(2.0)	3.8	(2.6)
	Iceland	12.1	(1.1)	14.5	(1.1)	15.0	(1.1)	14.7	(1.2)	-2.6	(1.6)	29.3	(1.4)	27.6	(1.5)	27.8	(1.4)	23.5	(1.2)	**5.8**	(1.9)
	Ireland	11.5	(1.1)	10.4	(1.1)	10.2	(1.2)	7.3	(0.9)	**4.1**	(1.4)	18.9	(1.7)	16.9	(1.3)	17.9	(1.4)	13.9	(1.3)	**4.9**	(2.0)
	Italy	22.9	(1.0)	25.7	(1.1)	27.4	(1.0)	27.3	(1.0)	**-4.4**	(1.5)	42.1	(1.1)	46.0	(1.1)	48.0	(1.5)	47.0	(1.4)	**-4.9**	(1.6)
	Japan	31.2	(2.0)	30.1	(1.7)	29.4	(1.7)	30.6	(1.8)	0.7	(2.3)	36.6	(1.9)	34.9	(1.8)	33.0	(1.7)	34.7	(1.9)	2.0	(2.5)
	Korea	36.0	(1.7)	36.4	(1.7)	35.9	(1.9)	36.5	(2.4)	-0.5	(2.8)	50.5	(1.6)	48.6	(1.7)	50.3	(1.9)	51.9	(2.0)	-1.4	(2.5)
	Luxembourg	14.3	(1.2)	11.7	(1.0)	7.6	(0.9)	5.6	(0.7)	**8.8**	(1.4)	29.2	(1.3)	27.8	(1.4)	22.8	(1.4)	21.2	(1.3)	**8.1**	(1.9)
	Mexico	34.2	(1.9)	25.1	(1.1)	21.6	(1.2)	14.4	(0.9)	**19.9**	(2.2)	45.1	(2.1)	33.9	(1.3)	31.8	(1.1)	22.5	(1.2)	**22.8**	(2.6)
	Netherlands	8.5	(1.0)	7.7	(0.9)	7.8	(0.8)	4.4	(0.7)	**4.1**	(1.3)	17.5	(1.6)	15.9	(1.2)	15.6	(1.2)	13.0	(1.4)	4.0	(2.1)
	New Zealand	11.1	(1.2)	8.8	(1.0)	8.4	(1.0)	7.4	(0.8)	**3.7**	(1.3)	20.2	(1.6)	16.3	(1.3)	17.1	(1.6)	16.6	(1.5)	3.8	(2.0)
	Norway	20.0	(1.4)	18.2	(1.4)	15.7	(1.2)	14.7	(1.0)	**5.5**	(1.6)	29.4	(1.5)	25.0	(1.5)	21.5	(1.4)	18.9	(1.2)	**10.7**	(1.9)
	Poland	30.6	(1.6)	28.7	(1.6)	27.2	(1.5)	20.3	(1.2)	**10.3**	(1.9)	45.8	(1.8)	42.8	(1.8)	40.4	(1.5)	35.9	(1.4)	**10.0**	(2.3)
	Portugal	30.1	(1.9)	26.8	(1.6)	23.2	(1.7)	15.3	(1.5)	**15.3**	(2.5)	54.8	(2.2)	53.1	(2.2)	45.7	(1.9)	37.7	(1.9)	**17.9**	(2.9)
	Slovak Republic	27.1	(1.9)	24.1	(1.8)	23.4	(1.7)	21.2	(1.7)	**5.7**	(2.1)	39.8	(2.1)	39.5	(2.2)	39.4	(2.0)	35.7	(2.1)	4.1	(2.7)
	Spain	14.6	(1.0)	9.3	(0.8)	8.9	(0.7)	6.1	(0.6)	**8.6**	(1.0)	24.3	(1.3)	17.8	(0.8)	18.2	(0.8)	13.8	(0.8)	**10.4**	(1.3)
	Sweden	27.8	(1.4)	23.6	(1.3)	17.4	(1.2)	13.9	(1.1)	**14.1**	(1.7)	35.1	(1.4)	30.1	(1.5)	22.5	(1.3)	17.7	(1.3)	**17.4**	(2.1)
	Switzerland	16.2	(1.0)	15.9	(1.0)	14.5	(1.3)	9.4	(0.8)	**6.7**	(1.2)	26.0	(1.2)	23.7	(1.1)	22.2	(1.3)	18.0	(1.3)	**8.1**	(1.8)
	Turkey	14.0	(1.4)	12.2	(1.2)	12.8	(1.2)	12.2	(1.2)	2.0	(1.8)	19.9	(1.6)	19.6	(1.6)	20.3	(1.3)	19.2	(1.6)	0.9	(2.3)
	United Kingdom	20.8	(1.2)	20.0	(1.1)	18.7	(1.4)	18.3	(1.2)	2.5	(1.7)	32.6	(1.5)	32.0	(1.3)	31.1	(1.5)	30.6	(1.5)	2.0	(2.2)
	United States	24.6	(2.4)	20.4	(1.4)	15.7	(1.2)	12.1	(0.9)	**12.6**	(2.5)	38.6	(2.2)	34.7	(2.0)	30.9	(1.7)	25.6	(1.2)	**13.0**	(2.5)
	OECD average	18.5	(0.3)	16.3	(0.2)	15.2	(0.2)	13.0	(0.2)	**5.5**	(0.3)	29.5	(0.3)	27.0	(0.3)	25.7	(0.3)	23.2	(0.3)	**6.3**	(0.4)
Partners	Argentina	15.7	(1.9)	10.9	(1.4)	12.2	(1.7)	6.2	(1.2)	**9.8**	(2.2)	24.4	(1.9)	19.7	(2.0)	21.4	(2.3)	15.0	(2.1)	**9.6**	(2.8)
	Azerbaijan	45.1	(2.4)	52.6	(2.0)	51.4	(1.6)	44.3	(2.1)	0.2	(2.8)	60.8	(2.8)	68.1	(2.2)	70.1	(1.8)	71.4	(2.0)	**-10.6**	(3.1)
	Brazil	22.9	(1.2)	20.8	(1.1)	18.9	(1.3)	19.2	(1.3)	3.6	(1.9)	35.7	(1.5)	33.2	(1.6)	32.7	(1.7)	35.7	(1.7)	-0.2	(2.3)
	Bulgaria	29.0	(2.0)	24.8	(2.4)	19.9	(1.8)	17.7	(1.4)	**11.7**	(2.4)	44.7	(3.0)	35.8	(2.6)	31.0	(2.0)	28.4	(1.7)	**16.7**	(3.5)
	Chile	21.7	(1.5)	19.4	(1.1)	17.3	(1.5)	12.4	(1.3)	**8.7**	(2.1)	31.8	(1.8)	28.9	(1.5)	26.8	(1.8)	21.2	(1.9)	**10.3**	(2.7)
	Colombia	26.3	(1.8)	18.9	(1.7)	19.1	(1.7)	13.2	(1.6)	**13.1**	(2.1)	37.9	(1.8)	29.3	(2.1)	29.2	(2.0)	20.9	(1.9)	**17.2**	(2.5)
	Croatia	15.2	(1.1)	12.2	(1.0)	12.1	(1.1)	8.6	(1.0)	**6.5**	(1.3)	24.7	(1.3)	22.4	(1.3)	21.5	(1.2)	18.7	(1.6)	**6.1**	(1.9)
	Estonia	25.4	(1.8)	19.2	(1.1)	16.5	(1.3)	13.5	(1.3)	**11.9**	(2.4)	39.6	(1.6)	33.8	(1.8)	28.7	(1.7)	26.2	(1.8)	**13.7**	(2.2)
	Hong Kong-China	42.0	(1.7)	43.4	(1.6)	44.5	(1.9)	37.7	(2.1)	4.1	(2.5)	48.9	(1.8)	50.1	(1.6)	51.2	(1.8)	43.9	(2.4)	5.0	(2.9)
	Indonesia	40.6	(2.9)	37.2	(2.1)	34.0	(3.1)	27.7	(3.1)	**12.7**	(3.8)	59.5	(3.0)	55.8	(2.3)	49.3	(4.2)	42.6	(4.4)	**16.7**	(4.5)
	Israel	25.9	(1.6)	20.9	(1.5)	18.7	(1.3)	15.0	(1.2)	**10.6**	(2.0)	43.4	(2.0)	37.6	(1.8)	31.5	(1.7)	28.1	(1.4)	**15.0**	(2.3)
	Jordan	41.8	(1.8)	44.0	(1.6)	39.4	(1.5)	38.1	(1.6)	3.8	(2.5)	57.3	(1.8)	58.8	(1.9)	56.7	(1.7)	53.3	(2.1)	3.9	(2.8)
	Kyrgyzstan	54.7	(2.0)	53.1	(1.8)	54.6	(1.8)	49.4	(1.7)	**5.3**	(2.3)	81.4	(2.0)	81.0	(1.5)	79.7	(1.7)	72.0	(1.9)	**9.2**	(2.7)
	Latvia	37.3	(1.6)	30.8	(1.6)	26.1	(1.9)	21.7	(1.7)	**15.6**	(2.1)	59.2	(2.0)	51.4	(2.1)	46.6	(1.7)	44.6	(1.8)	**14.5**	(2.5)
	Liechtenstein	16.5	(4.1)	8.9	(3.3)	11.2	(3.5)	6.1	(2.6)	10.2	(5.3)	23.8	(4.5)	10.1	(3.5)	17.2	(4.3)	14.7	(4.3)	9.6	(6.4)
	Lithuania	23.2	(1.6)	17.8	(1.3)	20.9	(1.5)	15.6	(1.1)	**7.5**	(2.0)	35.9	(1.6)	33.8	(1.7)	35.0	(1.7)	32.9	(1.5)	2.9	(2.1)
	Macao-China	37.9	(1.5)	39.2	(1.7)	32.6	(1.4)	29.8	(1.5)	**8.0**	(2.1)	50.4	(1.6)	49.7	(1.8)	44.6	(1.6)	41.9	(1.5)	**8.7**	(1.8)
	Montenegro	25.9	(1.4)	21.8	(1.4)	21.0	(1.3)	18.0	(1.3)	**7.9**	(2.0)	40.0	(1.4)	34.8	(1.6)	35.0	(1.6)	28.7	(1.6)	**11.5**	(2.1)
	Qatar	31.7	(1.3)	32.0	(1.3)	25.3	(0.9)	28.8	(1.0)	2.9	(1.6)	48.2	(1.3)	48.7	(1.3)	40.7	(1.1)	43.6	(1.3)	**4.6**	(1.6)
	Romania	31.6	(2.4)	22.8	(2.7)	18.8	(2.3)	14.4	(1.4)	**16.9**	(3.0)	47.9	(2.0)	38.0	(3.3)	39.3	(2.3)	35.2	(2.2)	**12.9**	(3.0)
	Russian Federation	41.5	(2.1)	38.1	(2.0)	35.1	(1.6)	32.0	(1.5)	**9.6**	(2.4)	60.7	(2.0)	58.0	(1.8)	56.4	(1.9)	55.5	(1.6)	**5.0**	(2.1)
	Serbia	18.8	(1.4)	14.9	(1.2)	14.1	(1.1)	10.5	(1.0)	**8.4**	(1.6)	26.8	(1.5)	24.4	(1.4)	23.6	(1.6)	19.7	(1.2)	**7.0**	(1.7)
	Slovenia	14.2	(1.1)	12.6	(1.0)	10.2	(0.8)	9.6	(0.9)	**4.6**	(1.4)	23.6	(1.5)	20.9	(1.1)	17.7	(1.2)	18.2	(1.2)	**5.4**	(1.7)
	Chinese Taipei	39.7	(1.6)	38.2	(1.5)	33.4	(1.1)	29.1	(1.3)	**10.6**	(2.0)	51.4	(1.7)	48.3	(1.6)	42.9	(1.2)	37.6	(1.5)	**13.7**	(2.1)
	Thailand	33.0	(1.9)	41.4	(1.9)	40.9	(1.9)	41.0	(2.0)	**-8.3**	(2.8)	39.6	(1.8)	48.8	(2.0)	49.7	(1.8)	51.4	(1.9)	**-11.9**	(2.7)
	Tunisia	32.2	(1.9)	32.7	(1.8)	30.2	(1.5)	26.9	(1.7)	**5.5**	(2.5)	48.8	(1.8)	55.7	(1.7)	57.1	(1.6)	54.3	(2.4)	**-5.5**	(2.7)
	Uruguay	9.9	(1.1)	10.1	(1.0)	7.6	(1.1)	7.1	(0.8)	**2.9**	(1.4)	16.1	(1.5)	18.7	(1.8)	16.9	(1.7)	16.7	(1.5)	-0.7	(1.9)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.16 [Part 1/5] Percentage of students by different types of out-of-school-time lessons, by immigrant status

		Proportion of students participating in out-of-school-time lessons						Proportion of students participating in out-of-school lessons with non-school teachers								
								One-to-one lessons								
														If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS		
		Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)		Difference (native-immigrant)	Increase in the logit of participating in out-of-school-time lessons by being a native student	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	Dif.	Logistic regression coefficient	S.E.
OECD	Australia	27.5	(0.6)	43.8	(1.3)	**-16.3**	(1.4)	14.3	(0.4)	24.7	(1.2)	**-10.4**	(1.2)	**-10.1**	**-0.67**	(0.07)
	Austria	35.1	(1.1)	43.3	(2.5)	**-8.2**	(2.4)	16.8	(0.8)	16.0	(1.8)	0.8	(1.9)	-2.7	-0.19	(0.17)
	Belgium	29.0	(0.6)	37.3	(1.8)	**-8.3**	(1.9)	17.8	(0.6)	17.3	(1.1)	0.5	(1.2)	**-3.8**	**-0.26**	(0.09)
	Canada	32.6	(0.8)	46.5	(1.4)	**-14.0**	(1.5)	14.6	(0.5)	22.7	(1.3)	**-8.1**	(1.4)	**-8.0**	**-0.55**	(0.09)
	Czech Republic	36.9	(0.9)	46.4	(6.9)	-9.5	(6.9)	15.8	(0.7)	18.7	(4.2)	-2.8	(4.2)	-3.8	-0.27	(0.27)
	Denmark	19.0	(0.8)	39.8	(2.9)	**-20.9**	(3.1)	4.8	(0.4)	11.5	(1.9)	**-6.8**	(2.1)	**-6.9**	**-0.97**	(0.24)
	Finland	23.2	(0.7)	39.4	(6.0)	**-16.2**	(6.1)	5.3	(0.3)	9.9	(4.2)	-4.6	(4.2)	-6.4	-0.89	(0.46)
	France	40.5	(0.9)	49.6	(2.8)	**-9.1**	(2.8)	22.1	(1.0)	24.4	(2.4)	-2.4	(2.4)	**-7.1**	**-0.39**	(0.13)
	Germany	36.1	(0.9)	41.0	(2.4)	-4.9	(2.7)	21.2	(0.8)	21.1	(2.0)	0.0	(2.3)	-3.2	-0.19	(0.15)
	Greece	78.3	(0.9)	51.1	(4.2)	**27.2**	(4.3)	46.3	(1.2)	23.4	(2.5)	**22.9**	(2.8)	**18.1**	**0.79**	(0.15)
	Hungary	54.1	(1.1)	59.5	(6.8)	-5.4	(7.0)	32.4	(1.0)	38.4	(5.5)	-6.0	(5.4)	-4.5	-0.20	(0.25)
	Iceland	40.1	(0.8)	50.1	(6.9)	-10.0	(7.0)	14.6	(0.6)	15.4	(5.4)	-0.8	(5.6)	-2.1	-0.17	(0.43)
	Ireland	37.9	(1.0)	41.1	(3.6)	-3.3	(3.7)	21.5	(0.7)	18.6	(2.8)	2.9	(3.1)	3.9	0.26	(0.21)
	Italy	66.1	(0.6)	68.9	(2.9)	-2.8	(2.9)	37.2	(0.6)	34.1	(2.4)	3.1	(2.3)	-2.1	-0.09	(0.11)
	Japan	45.6	(1.4)	c	c	c	c	9.4	(0.6)	c	c	c	c	c	c	c
	Korea	79.3	(0.9)	c	c	c	c	31.4	(0.8)	c	c	c	c	c	c	c
	Luxembourg	43.7	(0.8)	43.4	(1.4)	0.4	(1.6)	25.5	(0.8)	18.8	(1.1)	**6.7**	(1.2)	**5.4**	**0.31**	(0.08)
	Mexico	46.1	(0.8)	76.8	(3.9)	**-30.7**	(3.9)	17.4	(0.6)	19.1	(4.1)	-1.7	(4.2)	-4.5	-0.29	(0.27)
	Netherlands	21.2	(0.9)	28.7	(2.6)	**-7.5**	(2.8)	7.4	(0.5)	7.9	(1.2)	-0.4	(1.3)	**-3.4**	**-0.45**	(0.19)
	New Zealand	30.5	(1.1)	44.7	(1.8)	**-14.2**	(2.2)	14.7	(0.7)	25.4	(1.5)	**-10.7**	(1.6)	**-9.4**	**-0.62**	(0.09)
	Norway	26.1	(0.8)	41.1	(3.6)	**-14.9**	(3.7)	4.9	(0.4)	9.6	(2.1)	**-4.7**	(2.0)	**-6.2**	**-0.90**	(0.25)
	Poland	56.0	(1.0)	c	c	c	c	19.3	(0.8)	c	c	c	c	c	c	c
	Portugal	68.7	(1.0)	66.7	(3.3)	2.1	(3.5)	27.1	(0.9)	18.7	(3.7)	**8.4**	(3.8)	8.8	0.52	(0.29)
	Slovak Republic	55.6	(1.3)	c	c	c	c	25.4	(1.0)	c	c	c	c	c	c	c
	Spain	53.7	(0.8)	53.0	(3.4)	0.7	(3.5)	28.7	(0.8)	27.4	(2.5)	1.4	(2.6)	-0.3	-0.01	(0.14)
	Sweden	29.4	(0.9)	50.8	(2.7)	**-21.4**	(2.9)	6.5	(0.5)	15.5	(1.8)	**-9.1**	(1.9)	**-9.2**	**-1.00**	(0.18)
	Switzerland	38.6	(0.7)	43.9	(1.4)	**-5.3**	(1.6)	19.4	(0.6)	21.0	(1.0)	-1.6	(1.1)	**-3.5**	**-0.22**	(0.06)
	Turkey	37.0	(1.2)	35.5	(8.1)	1.5	(8.2)	13.5	(0.7)	9.4	(4.2)	4.0	(4.5)	5.2	0.60	(0.54)
	United Kingdom	44.0	(0.9)	59.2	(2.6)	**-15.2**	(2.6)	16.2	(0.6)	27.9	(1.6)	**-11.6**	(1.8)	**-13.7**	**-0.81**	(0.10)
	United States	39.8	(1.3)	53.1	(2.2)	**-13.3**	(2.4)	16.5	(0.8)	21.6	(2.0)	**-5.1**	(2.2)	**-4.8**	**-0.32**	(0.14)
	OECD average	42.4	(0.2)	48.3	(0.8)	**-8.4**	(0.8)	18.9	(0.1)	19.9	(0.6)	**-1.4**	(0.6)	**-3.9**	**-0.27**	(0.05)
Partners	Argentina	48.3	(1.2)	54.2	(5.7)	-5.9	(5.7)	31.4	(1.3)	26.2	(4.3)	5.2	(4.7)	2.3	0.11	(0.22)
	Azerbaijan	79.6	(1.1)	74.9	(3.6)	4.7	(3.7)	30.3	(1.1)	27.8	(5.1)	2.5	(5.1)	5.0	0.25	(0.24)
	Brazil	47.9	(0.9)	60.1	(4.8)	**-12.3**	(4.8)	19.7	(0.6)	16.5	(3.9)	3.2	(3.8)	0.9	0.06	(0.29)
	Bulgaria	54.0	(1.4)	c	c	c	c	26.8	(0.9)	c	c	c	c	c	c	c
	Chile	38.0	(1.2)	c	c	c	c	13.2	(0.8)	c	c	c	c	c	c	c
	Colombia	50.5	(1.1)	c	c	c	c	25.3	(0.7)	c	c	c	c	c	c	c
	Croatia	45.4	(0.9)	43.7	(2.3)	1.7	(2.3)	28.0	(0.9)	26.1	(2.0)	2.0	(2.1)	-0.3	-0.02	(0.11)
	Estonia	43.6	(0.9)	60.7	(2.5)	**-17.1**	(2.5)	15.4	(0.6)	30.1	(2.3)	**-14.6**	(2.3)	**-15.5**	**-0.91**	(0.10)
	Hong Kong-China	80.4	(0.9)	68.9	(1.3)	**11.5**	(1.3)	29.7	(1.4)	17.1	(1.4)	**12.5**	(1.4)	**6.5**	**0.38**	(0.09)
	Indonesia	65.6	(2.3)	83.6	(5.8)	**-18.0**	(6.2)	17.2	(0.8)	22.7	(5.3)	-5.5	(5.4)	-9.2	-0.57	(0.35)
	Israel	63.4	(1.1)	66.4	(1.9)	-3.0	(2.0)	42.3	(1.2)	42.2	(2.3)	0.2	(2.6)	-2.3	-0.10	(0.12)
	Jordan	72.4	(0.9)	71.1	(2.3)	1.2	(2.3)	34.4	(0.9)	33.8	(1.9)	0.6	(2.1)	1.8	0.08	(0.10)
	Kyrgyzstan	85.4	(1.0)	75.8	(5.0)	9.6	(5.0)	26.0	(0.9)	26.7	(4.6)	-0.7	(4.8)	0.8	0.04	(0.24)
	Latvia	71.7	(1.1)	73.1	(2.0)	-1.4	(2.2)	32.0	(1.3)	37.3	(3.0)	-5.3	(3.1)	-3.1	-0.14	(0.13)
	Liechtenstein	21.8	(2.7)	37.4	(4.4)	**-15.6**	(5.3)	14.3	(2.2)	13.2	(2.7)	1.2	(3.2)	1.4	0.12	(0.29)
	Lithuania	48.4	(1.0)	53.4	(5.0)	-5.0	(4.9)	17.5	(0.8)	22.0	(4.0)	-4.5	(4.1)	-3.4	-0.24	(0.24)
	Macao-China	65.6	(1.4)	60.9	(0.9)	**4.7**	(1.7)	24.7	(1.2)	20.4	(0.8)	4.2	(1.4)	2.5	0.15	(0.08)
	Montenegro	62.3	(0.7)	55.7	(3.3)	6.6	(3.4)	37.3	(0.8)	35.7	(3.2)	1.6	(3.2)	3.9	0.17	(0.14)
	Qatar	72.4	(0.7)	48.6	(1.0)	**23.8**	(1.4)	43.8	(0.9)	24.2	(0.9)	**19.5**	(1.1)	**19.2**	**0.88**	(0.05)
	Romania	56.8	(1.5)	c	c	c	c	27.9	(1.4)	c	c	c	c	c	c	c
	Russian Federation	69.3	(1.4)	70.3	(2.7)	-1.0	(2.4)	21.5	(0.9)	24.1	(2.0)	-2.6	(2.1)	-2.6	-0.15	(0.12)
	Serbia	53.8	(1.1)	52.8	(2.1)	1.0	(2.1)	38.7	(1.1)	37.3	(2.1)	1.4	(2.0)	2.2	0.09	(0.08)
	Slovenia	41.2	(0.7)	44.7	(2.6)	-3.4	(2.8)	26.6	(0.7)	27.3	(2.3)	-0.7	(2.6)	-2.3	-0.12	(0.13)
	Chinese Taipei	75.1	(0.5)	65.6	(7.8)	9.5	(7.9)	23.7	(0.5)	20.2	(5.6)	3.5	(5.7)	2.9	0.17	(0.37)
	Thailand	63.4	(1.2)	c	c	c	c	20.2	(0.8)	c	c	c	c	-12.7	-0.67	(0.56)
	Tunisia	70.1	(1.0)	93.6	(4.4)	**-23.4**	(4.6)	30.6	(1.4)	39.3	(7.6)	-8.6	(7.7)	-11.0	-0.49	(0.33)
	Uruguay	44.4	(1.0)	c	c	c	c	29.0	(0.9)	c	c	c	c	-6.9	-0.32	(0.41)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.16 [Part 2/5] Percentage of students by different types of out-of-school-time lessons, by immigrant status

		Proportion of students participating in out-of-school lessons with non-school teachers											
		Small group lessons						Large group lessons					
		Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	6.3	(0.3)	14.4	(1.0)	**-8.0**	(1.0)	5.7	(0.3)	12.5	(0.9)	**-6.8**	(0.9)
	Austria	6.9	(0.5)	12.4	(1.5)	**-5.5**	(1.5)	5.4	(0.4)	10.7	(2.1)	**-5.3**	(2.1)
	Belgium	6.6	(0.4)	11.9	(1.2)	**-5.2**	(1.2)	3.6	(0.3)	9.3	(1.4)	**-5.8**	(1.3)
	Canada	6.6	(0.3)	14.6	(0.9)	**-8.1**	(0.9)	5.6	(0.3)	11.8	(0.8)	**-6.1**	(0.7)
	Czech Republic	7.7	(0.6)	11.3	(3.3)	-3.6	(3.2)	5.5	(0.5)	6.5	(2.7)	-1.0	(2.6)
	Denmark	3.9	(0.4)	13.4	(1.8)	**-9.5**	(1.8)	3.3	(0.4)	11.2	(2.2)	**-8.0**	(2.2)
	Finland	2.2	(0.2)	14.8	(3.9)	**-12.6**	(3.9)	3.5	(0.3)	14.7	(4.5)	**-11.2**	(4.5)
	France	8.2	(0.5)	15.4	(1.9)	**-7.2**	(1.9)	3.9	(0.4)	11.1	(2.1)	**-7.1**	(2.1)
	Germany	6.9	(0.4)	9.6	(1.6)	-2.7	(1.7)	3.0	(0.3)	8.0	(1.6)	**-5.0**	(1.5)
	Greece	47.4	(1.4)	26.5	(3.1)	**20.9**	(3.2)	18.7	(1.0)	14.8	(1.7)	**3.9**	(1.8)
	Hungary	10.7	(0.6)	13.8	(5.1)	-3.0	(5.1)	8.6	(0.6)	16.1	(4.9)	-7.5	(5.0)
	Iceland	6.4	(0.4)	13.8	(4.5)	-7.4	(4.5)	5.0	(0.4)	7.2	(3.3)	-2.2	(3.4)
	Ireland	9.3	(0.5)	16.3	(2.8)	**-7.1**	(2.8)	6.4	(0.5)	9.2	(1.9)	-2.8	(1.9)
	Italy	13.6	(0.5)	19.5	(2.2)	**-5.9**	(2.3)	8.6	(0.4)	14.5	(2.1)	**-6.0**	(2.1)
	Japan	8.4	(0.6)	c	c	c	c	8.2	(0.6)	c	c	c	c
	Korea	31.4	(0.9)	c	c	c	c	27.0	(0.8)	c	c	c	c
	Luxembourg	5.3	(0.5)	9.6	(0.9)	**-4.4**	(0.9)	3.4	(0.3)	8.7	(0.8)	**-5.3**	(0.9)
	Mexico	15.5	(0.6)	29.1	(5.5)	**-13.6**	(5.5)	15.1	(0.5)	32.9	(5.0)	**-17.8**	(5.1)
	Netherlands	3.0	(0.4)	8.1	(1.5)	**-5.0**	(1.6)	3.1	(0.3)	8.6	(1.4)	**-5.6**	(1.5)
	New Zealand	8.0	(0.5)	16.5	(1.1)	**-8.5**	(1.2)	6.0	(0.5)	9.7	(1.0)	**-3.7**	(1.2)
	Norway	4.2	(0.4)	12.2	(2.1)	**-7.9**	(2.1)	4.6	(0.4)	8.7	(1.7)	**-4.1**	(1.8)
	Poland	10.6	(0.6)	c	c	c	c	9.7	(0.5)	c	c	c	c
	Portugal	14.5	(0.8)	14.7	(3.4)	-0.2	(3.6)	7.6	(0.5)	13.3	(4.2)	-5.7	(4.2)
	Slovak Republic	11.0	(0.5)	c	c	c	c	7.4	(0.6)	c	c	c	c
	Spain	26.6	(0.7)	19.1	(2.0)	**7.5**	(2.2)	10.3	(0.5)	13.3	(1.5)	**-3.0**	(1.5)
	Sweden	4.5	(0.4)	14.4	(1.5)	**-9.8**	(1.5)	6.1	(0.4)	13.0	(1.9)	**-6.9**	(2.1)
	Switzerland	5.4	(0.4)	9.2	(0.8)	**-3.8**	(0.8)	3.8	(0.3)	7.8	(0.9)	**-4.0**	(1.0)
	Turkey	11.0	(0.6)	7.5	(3.8)	3.6	(3.9)	15.0	(1.0)	15.5	(3.5)	-0.5	(3.4)
	United Kingdom	6.7	(0.4)	13.6	(1.8)	**-6.9**	(1.8)	6.6	(0.4)	14.1	(2.5)	**-7.5**	(2.6)
	United States	11.2	(0.8)	17.5	(1.9)	**-6.3**	(1.9)	10.4	(0.8)	16.1	(2.0)	**-5.6**	(2.0)
	OECD average	10.7	(0.1)	14.6	(0.5)	**-4.6**	(0.5)	7.7	(0.1)	12.3	(0.5)	**-5.4**	(0.5)
Partners	Argentina	19.3	(0.9)	15.4	(3.8)	3.9	(3.8)	12.9	(0.8)	11.4	(2.5)	1.5	(2.6)
	Azerbaijan	40.7	(1.1)	37.0	(4.5)	3.6	(4.5)	39.1	(1.1)	38.5	(5.2)	0.7	(5.3)
	Brazil	17.6	(0.5)	22.8	(3.7)	-5.3	(3.8)	15.1	(0.5)	24.4	(4.0)	**-9.3**	(4.0)
	Bulgaria	17.1	(1.0)	c	c	c	c	16.5	(1.0)	c	c	c	c
	Chile	9.2	(0.5)	c	c	c	c	8.1	(0.5)	c	c	c	c
	Colombia	17.6	(0.8)	c	c	c	c	16.3	(0.7)	c	c	c	c
	Croatia	9.4	(0.6)	10.8	(1.2)	-1.4	(1.3)	7.8	(0.5)	7.1	(1.1)	0.7	(1.1)
	Estonia	6.8	(0.4)	16.0	(1.5)	**-9.2**	(1.5)	6.2	(0.4)	12.5	(1.8)	**-6.2**	(1.8)
	Hong Kong-China	20.5	(0.9)	14.3	(0.9)	**6.2**	(1.1)	33.1	(1.4)	26.3	(1.3)	**6.7**	(1.5)
	Indonesia	19.3	(0.8)	26.4	(8.1)	-7.1	(8.2)	17.3	(0.9)	37.1	(9.6)	**-19.8**	(9.5)
	Israel	19.7	(0.9)	20.2	(1.5)	-0.5	(1.6)	15.2	(0.9)	13.1	(1.3)	2.2	(1.3)
	Jordan	25.0	(1.0)	23.7	(1.8)	1.3	(2.1)	21.5	(0.9)	19.8	(1.6)	1.7	(1.7)
	Kyrgyzstan	26.4	(0.9)	26.4	(3.7)	0.1	(3.9)	31.3	(1.0)	22.4	(4.4)	**8.9**	(4.4)
	Latvia	13.8	(0.6)	15.9	(1.8)	-2.1	(2.0)	17.1	(0.7)	16.3	(2.2)	0.8	(2.2)
	Liechtenstein	1.5	(0.8)	5.2	(2.0)	-3.7	(2.0)	0.5	(0.5)	5.8	(2.2)	**-5.4**	(2.2)
	Lithuania	6.7	(0.4)	11.6	(3.5)	-4.9	(3.5)	6.4	(0.5)	8.4	(2.7)	-2.0	(2.8)
	Macao-China	26.5	(1.4)	18.0	(0.7)	**8.5**	(1.4)	19.6	(1.5)	19.1	(0.8)	0.5	(1.6)
	Montenegro	20.5	(0.6)	21.3	(2.5)	-0.7	(2.7)	17.2	(0.7)	16.7	(2.6)	0.5	(2.6)
	Qatar	29.4	(0.8)	17.9	(0.9)	**11.5**	(1.2)	26.5	(0.8)	15.3	(0.8)	**11.1**	(1.3)
	Romania	19.8	(1.2)	c	c	c	c	15.5	(1.2)	c	c	c	c
	Russian Federation	12.4	(0.9)	13.0	(1.6)	-0.6	(1.7)	12.6	(0.6)	13.2	(1.6)	-0.5	(1.6)
	Serbia	12.9	(0.6)	10.3	(1.5)	2.5	(1.6)	8.6	(0.6)	8.2	(1.3)	0.3	(1.4)
	Slovenia	6.5	(0.4)	6.1	(1.1)	0.4	(1.2)	5.0	(0.3)	5.0	(0.9)	0.1	(1.1)
	Chinese Taipei	23.6	(0.5)	25.3	(5.5)	-1.7	(5.5)	40.4	(0.9)	37.0	(6.2)	3.4	(6.5)
	Thailand	23.9	(0.9)	c	c	c	c	31.1	(1.2)	c	c	c	c
	Tunisia	28.2	(1.1)	31.3	(7.4)	-3.1	(7.5)	19.1	(0.9)	29.5	(9.8)	-10.5	(9.8)
	Uruguay	20.9	(0.7)	c	c	c	c	11.7	(0.6)	c	c	c	c

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.16 [Part 3/5] Percentage of students by different types of out-of-school-time lessons, by immigrant status

		Proportion of students participating in out-of-school lessons with non-school teachers								
		At least one of these types of out-of-school lessons								
		Native students		Students with an immigrant background		Difference (native-immigrant)		If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS		
								Difference (native-immigrant)	Increase in the logit of participating in out-of-school-time lessons by being a native student	
		%	S.E.	%	S.E.	Dif.	S.E.	Dif. in %	Logistic regression coefficient	S.E.
OECD	Australia	19.4	(0.5)	36.5	(1.5)	**-17.1**	(1.5)	**-16.9**	**-0.87**	(0.07)
	Austria	23.4	(0.8)	29.1	(2.5)	**-5.7**	(2.4)	**-8.3**	**-0.42**	(0.13)
	Belgium	21.7	(0.7)	27.2	(1.6)	**-5.5**	(1.7)	**-10.0**	**-0.53**	(0.09)
	Canada	19.6	(0.5)	33.9	(1.6)	**-14.3**	(1.7)	**-14.3**	**-0.75**	(0.08)
	Czech Republic	21.6	(0.9)	24.8	(4.5)	-3.1	(4.4)	-4.3	-0.24	(0.23)
	Denmark	9.2	(0.7)	23.5	(2.3)	**-14.2**	(2.5)	**-14.4**	**-1.11**	(0.16)
	Finland	8.2	(0.4)	25.0	(6.6)	**-16.7**	(6.6)	**-19.2**	**-1.45**	(0.37)
	France	25.4	(1.0)	32.7	(2.7)	**-7.2**	(2.8)	**-11.5**	**-0.55**	(0.13)
	Germany	26.8	(0.8)	28.3	(2.4)	-1.5	(2.7)	-4.7	-0.23	(0.15)
	Greece	72.8	(1.0)	43.3	(3.7)	**29.4**	(3.7)	**22.1**	**0.97**	(0.17)
	Hungary	38.2	(1.0)	44.8	(5.7)	-6.6	(5.6)	-5.6	-0.23	(0.25)
	Iceland	19.7	(0.7)	21.2	(5.9)	-1.5	(6.0)	-3.5	-0.21	(0.36)
	Ireland	28.9	(0.8)	28.6	(3.2)	0.3	(3.3)	1.6	0.08	(0.18)
	Italy	45.5	(0.6)	48.1	(2.6)	-2.6	(2.6)	**-7.0**	**-0.28**	(0.11)
	Japan	20.1	(1.0)	c	c	c	c	c	c	c
	Korea	58.0	(1.0)	c	c	c	c	c	c	c
	Luxembourg	29.0	(0.8)	25.8	(1.3)	**3.2**	(1.5)	2.5	0.13	(0.08)
	Mexico	29.4	(0.8)	42.3	(5.3)	**-12.8**	(5.2)	**-15.1**	**-0.66**	(0.22)
	Netherlands	10.4	(0.6)	16.8	(1.8)	**-6.3**	(1.8)	**-8.2**	**-0.69**	(0.15)
	New Zealand	20.4	(0.7)	35.6	(1.6)	**-15.2**	(1.8)	**-14.4**	**-0.74**	(0.09)
	Norway	9.0	(0.6)	19.3	(2.7)	**-10.3**	(2.8)	**-11.5**	**-0.97**	(0.20)
	Poland	28.7	(0.9)	c	c	c	c	c	c	c
	Portugal	35.4	(1.0)	28.8	(4.6)	6.7	(4.7)	7.3	0.34	(0.26)
	Slovak Republic	29.5	(1.0)	c	c	c	c	c	c	c
	Spain	43.9	(0.9)	35.4	(2.3)	**8.5**	(2.5)	**6.6**	**0.28**	(0.11)
	Sweden	11.3	(0.6)	27.3	(2.1)	**-16.0**	(2.2)	**-16.2**	**-1.10**	(0.13)
	Switzerland	23.5	(0.7)	27.9	(1.1)	**-4.4**	(1.1)	**-6.3**	**-0.33**	(0.05)
	Turkey	26.6	(1.2)	23.6	(5.0)	3.0	(5.0)	7.0	0.42	(0.31)
	United Kingdom	22.5	(0.7)	38.2	(1.7)	**-15.7**	(1.8)	**-17.2**	**-0.82**	(0.09)
	United States	23.5	(1.0)	31.9	(2.5)	**-8.3**	(2.5)	**-6.7**	**-0.34**	(0.14)
	OECD average	26.7	(0.2)	30.8	(0.7)	**-5.2**	(0.7)	**-7.8**	**-0.40**	(0.04)
Partners	Argentina	40.1	(1.2)	33.2	(4.3)	6.9	(4.6)	4.5	0.19	(0.20)
	Azerbaijan	62.7	(1.0)	58.9	(3.6)	3.8	(3.7)	4.9	0.21	(0.16)
	Brazil	32.6	(0.7)	40.4	(4.8)	-7.8	(4.8)	**-10.7**	**-0.46**	(0.20)
	Bulgaria	37.7	(1.1)	c	c	c	c	c	c	c
	Chile	21.1	(0.9)	c	c	c	c	c	c	c
	Colombia	36.6	(0.8)	c	c	c	c	c	c	c
	Croatia	34.0	(0.9)	33.0	(2.1)	1.0	(2.3)	-1.3	-0.06	(0.10)
	Estonia	21.1	(0.6)	38.4	(2.6)	**-17.3**	(2.6)	**-18.3**	**-0.90**	(0.11)
	Hong Kong-China	59.5	(1.3)	42.7	(1.5)	**16.8**	(1.6)	**8.4**	**0.34**	(0.07)
	Indonesia	33.7	(0.9)	52.8	(8.0)	**-19.0**	(7.8)	**-23.5**	**-0.97**	(0.30)
	Israel	52.1	(1.3)	53.3	(2.2)	-1.2	(2.3)	-2.8	-0.11	(0.09)
	Jordan	47.8	(1.0)	46.6	(2.0)	1.1	(2.3)	1.0	0.04	(0.10)
	Kyrgyzstan	48.0	(1.1)	48.3	(4.7)	-0.3	(5.0)	-0.7	-0.03	(0.21)
	Latvia	42.0	(1.1)	46.4	(2.4)	-4.4	(2.6)	-1.9	-0.08	(0.10)
	Liechtenstein	15.3	(2.3)	17.3	(3.6)	-2.0	(4.0)	-2.1	-0.16	(0.32)
	Lithuania	22.9	(0.8)	29.9	(4.8)	-7.0	(4.8)	-5.7	-0.31	(0.23)
	Macao-China	45.4	(1.8)	36.4	(0.9)	**9.0**	(1.9)	**7.7**	**0.32**	(0.08)
	Montenegro	47.2	(0.8)	46.8	(3.2)	0.4	(3.3)	2.2	0.09	(0.14)
	Qatar	57.0	(0.9)	33.7	(1.1)	**23.3**	(1.4)	**22.6**	**0.93**	(0.06)
	Romania	38.5	(1.3)	c	c	c	c	c	c	c
	Russian Federation	31.0	(1.2)	32.9	(1.9)	-1.9	(1.9)	-2.0	-0.09	(0.08)
	Serbia	43.4	(1.1)	41.7	(2.3)	1.7	(2.2)	2.2	0.09	(0.09)
	Slovenia	31.2	(0.8)	30.6	(2.4)	0.7	(2.7)	-0.8	-0.04	(0.13)
	Chinese Taipei	57.1	(0.8)	47.7	(6.6)	9.4	(6.7)	8.6	0.35	(0.27)
	Thailand	44.0	(1.3)	c	c	c	c	**-32.0**	**-1.39**	(0.51)
	Tunisia	44.7	(1.4)	57.5	(9.1)	-12.7	(9.4)	-12.8	-0.52	(0.39)
	Uruguay	37.3	(1.0)	c	c	c	c	-1.9	-0.08	(0.41)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.16 [Part 4/5] Percentage of students by different types of out-of-school-time lessons, by immigrant status

		Proportion of students participating in out-of-school lessons with school teachers															
		One-to-one lessons									Small group lessons						
		Native students		Students with an immigrant background		Difference (native-immigrant)		If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS			Native students		Students with an immigrant background		Difference (native-immigrant)	
								Difference (native-immigrant)	Increase in the logit of participating in out-of-school-time lessons by being a native student								
		%	S.E.	%	S.E.	Dif.	S.E.	Dif. in %	Logistic regression coefficient	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	6.6	(0.4)	6.8	(0.6)	-0.2	(0.7)	-0.4	-0.06	(0.11)	6.6	(0.4)	8.9	(0.6)	**-2.2**	(0.7)
	Austria	5.1	(0.5)	6.8	(1.0)	-1.7	(1.1)	0.4	0.09	(0.24)	12.0	(0.9)	19.6	(1.8)	**-7.6**	(2.0)
	Belgium	6.5	(0.3)	11.6	(1.5)	**-5.1**	(1.5)	**-4.7**	**-0.59**	(0.14)	6.9	(0.4)	13.1	(1.7)	**-6.2**	(1.8)
	Canada	11.3	(0.4)	14.8	(1.3)	**-3.4**	(1.4)	**-3.8**	**-0.33**	(0.11)	9.7	(0.4)	12.5	(0.9)	**-2.8**	(1.0)
	Czech Republic	13.9	(0.7)	24.6	(4.5)	**-10.7**	(4.4)	**-9.4**	**-0.65**	(0.23)	10.6	(0.6)	19.0	(4.4)	-8.4	(4.3)
	Denmark	4.3	(0.4)	17.4	(2.6)	**-13.0**	(2.6)	**-8.2**	**-1.18**	(0.20)	7.2	(0.5)	17.3	(2.4)	**-10.2**	(2.4)
	Finland	8.0	(0.5)	10.2	(3.3)	-2.2	(3.3)	-2.1	-0.26	(0.38)	9.3	(0.5)	12.8	(4.4)	-3.5	(4.3)
	France	5.9	(0.5)	14.3	(1.9)	**-8.4**	(1.9)	**-6.8**	**-0.86**	(0.18)	17.4	(0.8)	21.9	(1.9)	**-4.5**	(2.0)
	Germany	4.9	(0.4)	10.5	(1.9)	**-5.6**	(1.9)	**-5.6**	**-0.84**	(0.21)	6.9	(0.6)	12.1	(1.4)	**-5.2**	(1.5)
	Greece	11.9	(0.8)	10.8	(2.0)	1.1	(2.0)	2.8	0.31	(0.23)	14.5	(0.8)	16.6	(3.0)	-2.0	(3.0)
	Hungary	14.5	(0.7)	21.5	(5.0)	-7.0	(5.2)	-7.5	-0.51	(0.31)	12.7	(0.7)	18.7	(4.5)	-6.1	(4.4)
	Iceland	9.9	(0.5)	29.7	(5.3)	**-19.8**	(5.3)	**-17.6**	**-1.25**	(0.27)	14.2	(0.6)	24.7	(5.7)	-10.5	(5.7)
	Ireland	6.5	(0.5)	14.4	(3.6)	**-7.9**	(3.5)	**-7.0**	**-0.84**	(0.24)	8.6	(0.6)	12.9	(3.4)	-4.2	(3.4)
	Italy	a	a	a	a	a	a	a	a	a	35.9	(0.8)	45.2	(3.6)	**-9.3**	(3.5)
	Japan	3.7	(0.3)	c	c	c	c	c	c	c	6.6	(0.3)	c	c	c	c
	Korea	9.6	(0.5)	c	c	c	c	c	c	c	16.7	(0.6)	c	c	c	c
	Luxembourg	12.2	(0.6)	16.0	(1.0)	**-3.8**	(1.3)	**-3.4**	**-0.29**	(0.11)	11.7	(0.6)	19.1	(1.1)	**-7.4**	(1.2)
	Mexico	15.8	(0.7)	42.4	(5.9)	**-26.6**	(5.9)	**-18.4**	**-1.04**	(0.26)	16.4	(0.6)	38.3	(5.8)	**-21.9**	(5.9)
	Netherlands	6.9	(0.5)	11.7	(1.7)	**-4.7**	(1.7)	**-3.3**	**-0.43**	(0.18)	8.1	(0.6)	13.3	(2.1)	**-5.2**	(2.2)
	New Zealand	8.5	(0.9)	10.9	(1.3)	-2.4	(1.5)	-2.5	-0.29	(0.18)	8.9	(0.7)	11.9	(1.2)	**-2.9**	(1.3)
	Norway	7.6	(0.5)	19.0	(2.4)	**-11.5**	(2.5)	**-10.6**	**-1.00**	(0.18)	11.3	(0.5)	18.8	(2.7)	**-7.6**	(2.8)
	Poland	14.4	(0.6)	c	c	c	c	c	c	c	23.1	(0.8)	c	c	c	c
	Portugal	21.1	(0.9)	32.1	(4.1)	**-11.0**	(4.2)	**-11.6**	**-0.61**	(0.19)	30.7	(1.2)	43.7	(2.8)	**-13.0**	(3.1)
	Slovak Republic	30.2	(1.3)	c	c	c	c	c	c	c	17.9	(1.0)	c	c	c	c
	Spain	7.8	(0.5)	15.4	(2.6)	**-7.6**	(2.6)	**-7.1**	**-0.73**	(0.20)	10.0	(0.4)	20.1	(2.4)	**-10.1**	(2.3)
	Sweden	7.2	(0.5)	19.1	(1.7)	**-11.9**	(1.7)	**-9.5**	**-0.95**	(0.14)	12.8	(0.6)	24.1	(2.0)	**-11.2**	(2.0)
	Switzerland	5.0	(0.3)	12.1	(1.0)	**-7.1**	(1.1)	**-6.5**	**-0.90**	(0.11)	8.4	(0.4)	15.2	(1.0)	**-6.7**	(1.1)
	Turkey	7.6	(0.6)	11.5	(3.5)	-3.9	(3.6)	-4.5	-0.53	(0.41)	9.3	(0.6)	7.6	(3.7)	1.6	(3.7)
	United Kingdom	10.4	(0.4)	19.6	(1.8)	**-9.2**	(1.7)	**-8.5**	**-0.70**	(0.11)	17.1	(0.7)	23.1	(1.8)	**-6.0**	(1.9)
	United States	20.7	(1.1)	28.2	(1.9)	**-7.4**	(2.1)	**-4.3**	**-0.24**	(0.12)	17.5	(1.0)	26.0	(1.8)	**-8.5**	(1.7)
	OECD average	10.3	(0.1)	17.2	(0.6)	**-7.6**	(0.6)	**-5.9**	**-0.59**	(0.04)	13.3	(0.1)	19.9	(0.6)	**-7.0**	(0.6)
Partners	Argentina	10.1	(1.0)	19.7	(4.7)	**-9.6**	(4.6)	**-10.3**	**-0.85**	(0.30)	12.2	(1.0)	22.4	(5.5)	-10.2	(5.3)
	Azerbaijan	38.5	(1.3)	40.3	(4.7)	-1.8	(4.7)	-1.3	-0.05	(0.21)	37.4	(1.3)	32.5	(5.5)	4.9	(5.8)
	Brazil	13.0	(0.6)	26.0	(4.7)	**-13.0**	(4.7)	**-13.5**	**-0.89**	(0.24)	23.1	(0.8)	34.1	(4.4)	**-10.9**	(4.6)
	Bulgaria	21.7	(1.4)	c	c	c	c	c	c	c	19.1	(1.1)	c	c	c	c
	Chile	8.0	(0.5)	c	c	c	c	c	c	c	16.1	(0.8)	c	c	c	c
	Colombia	14.4	(1.1)	c	c	c	c	c	c	c	19.5	(1.2)	c	c	c	c
	Croatia	12.8	(0.5)	14.1	(1.5)	-1.4	(1.5)	-1.0	-0.09	(0.13)	10.6	(0.6)	13.2	(1.5)	-2.6	(1.7)
	Estonia	17.6	(0.9)	22.7	(2.1)	**-5.1**	(2.1)	**-4.5**	**-0.29**	(0.13)	12.7	(0.6)	19.6	(1.8)	**-6.9**	(1.8)
	Hong Kong-China	5.7	(0.6)	5.8	(0.5)	-0.1	(0.8)	0.2	0.03	(0.15)	16.4	(1.0)	17.4	(1.0)	-1.0	(1.2)
	Indonesia	31.3	(2.3)	59.7	(7.5)	**-28.4**	(7.7)	**-17.7**	**-0.75**	(0.37)	26.5	(2.0)	36.6	(8.7)	-10.2	(8.9)
	Israel	19.9	(1.0)	19.1	(1.6)	0.9	(1.6)	1.5	0.10	(0.10)	19.7	(0.9)	22.2	(2.2)	-2.6	(2.2)
	Jordan	27.0	(1.0)	23.9	(2.1)	3.1	(1.9)	1.5	0.08	(0.09)	31.4	(1.0)	30.8	(2.0)	0.6	(2.1)
	Kyrgyzstan	64.2	(1.0)	46.0	(6.1)	**18.2**	(5.9)	**11.7**	**0.48**	(0.22)	44.2	(1.1)	32.3	(6.1)	**11.9**	(6.0)
	Latvia	34.9	(1.2)	31.7	(2.2)	3.2	(2.3)	-0.5	-0.02	(0.11)	25.6	(1.1)	25.5	(2.2)	0.1	(2.3)
	Liechtenstein	2.5	(1.1)	11.7	(3.0)	**-9.2**	(3.3)	**-9.2**	**-1.64**	(0.60)	4.9	(1.3)	11.5	(2.7)	**-6.6**	(3.1)
	Lithuania	11.5	(0.6)	14.6	(3.6)	-3.0	(3.7)	-3.4	-0.30	(0.30)	17.3	(0.8)	17.8	(3.4)	-0.4	(3.6)
	Macao-China	13.8	(1.1)	14.1	(0.7)	-0.3	(1.3)	0.7	0.06	(0.11)	23.0	(1.2)	22.6	(0.8)	0.4	(1.4)
	Montenegro	25.0	(0.6)	24.9	(2.8)	0.1	(2.7)	-1.5	-0.08	(0.14)	17.9	(0.6)	17.4	(2.2)	0.5	(2.2)
	Qatar	38.8	(0.8)	23.8	(0.8)	**15.0**	(1.1)	**13.9**	**0.66**	(0.05)	32.4	(0.7)	22.2	(0.8)	**10.2**	(1.1)
	Romania	26.9	(1.3)	c	c	c	c	c	c	c	24.4	(1.1)	c	c	c	c
	Russian Federation	30.3	(0.9)	33.4	(2.3)	-3.1	(2.3)	-3.9	-0.18	(0.11)	31.5	(1.2)	30.9	(2.4)	0.6	(2.2)
	Serbia	10.2	(0.7)	9.6	(1.5)	0.6	(1.6)	-0.4	-0.04	(0.17)	12.0	(0.6)	10.9	(1.3)	1.1	(1.4)
	Slovenia	8.4	(0.4)	12.0	(1.5)	**-3.6**	(1.7)	-2.6	-0.32	(0.18)	8.5	(0.5)	11.7	(1.8)	-3.2	(1.8)
	Chinese Taipei	14.0	(0.6)	16.1	(4.8)	-2.1	(4.8)	-2.1	-0.17	(0.35)	22.5	(0.7)	19.9	(6.8)	2.6	(6.8)
	Thailand	20.7	(0.7)	c	c	c	c	c	c	c	26.7	(0.9)	c	c	c	c
	Tunisia	42.4	(1.4)	56.1	(8.2)	-13.7	(8.2)	-9.6	-0.38	(0.34)	32.6	(1.1)	58.9	(10.3)	-26.3	(10.2)
	Uruguay	9.3	(0.8)	c	c	c	c	c	c	c	8.9	(0.6)	c	c	c	c

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.16 [Part 5/5] Percentage of students by different types of out-of-school-time lessons, by immigrant status

		Proportion of students participating in out-of-school lessons with school teachers														
		Large group lessons						At least one of these types of out-of-school lessons								
		Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)		If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS		
														Difference (native-immigrant)	Increase in the logit of participating in out-of-school-time lessons by being a native student	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	Dif. in %	Logistic regression coefficient	S.E.
OECD	Australia	7.8	(0.4)	9.3	(0.7)	-1.5	(0.8)	13.5	(0.6)	15.3	(1.0)	-1.9	(1.0)	**-2.1**	**-0.17**	(0.08)
	Austria	14.9	(0.9)	20.0	(2.0)	**-5.1**	(1.9)	22.1	(1.1)	30.7	(2.1)	**-8.6**	(1.9)	**-6.8**	**-0.36**	(0.10)
	Belgium	5.1	(0.2)	11.0	(1.2)	**-5.8**	(1.2)	12.8	(0.4)	22.4	(2.0)	**-9.6**	(2.0)	**-7.9**	**-0.58**	(0.12)
	Canada	10.7	(0.4)	12.8	(0.8)	**-2.1**	(0.9)	20.3	(0.6)	23.8	(1.1)	**-3.5**	(1.3)	**-4.2**	**-0.25**	(0.07)
	Czech Republic	13.1	(0.7)	26.1	(5.6)	**-13.0**	(5.5)	22.8	(1.0)	35.7	(6.1)	-12.9	(6.1)	**-11.7**	**-0.58**	(0.27)
	Denmark	7.5	(0.5)	13.7	(2.3)	**-6.1**	(2.3)	12.9	(0.7)	28.4	(3.2)	**-15.5**	(3.1)	**-12.2**	**-0.81**	(0.16)
	Finland	12.0	(0.6)	19.3	(4.9)	-7.3	(5.0)	18.0	(0.7)	26.2	(5.2)	-8.1	(5.2)	-7.2	-0.43	(0.28)
	France	9.5	(0.5)	15.4	(1.9)	**-5.9**	(1.9)	22.8	(0.9)	31.1	(2.3)	**-8.3**	(2.4)	**-6.9**	**-0.36**	(0.12)
	Germany	9.3	(0.6)	15.8	(2.1)	**-6.5**	(2.1)	16.3	(0.8)	25.5	(2.4)	**-9.2**	(2.6)	**-7.9**	**-0.50**	(0.15)
	Greece	9.3	(0.7)	11.3	(2.1)	-2.0	(2.2)	21.7	(1.0)	23.5	(3.5)	-1.8	(3.4)	1.3	0.08	(0.21)
	Hungary	15.6	(0.8)	28.3	(6.0)	**-12.7**	(6.4)	29.2	(1.1)	39.8	(5.1)	**-10.6**	(5.4)	**-11.1**	**-0.49**	(0.23)
	Iceland	14.0	(0.6)	16.2	(5.2)	-2.2	(5.3)	26.6	(0.7)	44.3	(5.9)	**-17.7**	(6.0)	**-16.0**	**-0.72**	(0.25)
	Ireland	9.4	(0.6)	15.5	(3.2)	-6.1	(3.2)	16.3	(0.8)	25.2	(3.9)	**-8.9**	(3.8)	**-8.0**	**-0.51**	(0.17)
	Italy	25.7	(0.6)	28.4	(2.4)	-2.7	(2.4)	45.4	(0.8)	51.2	(3.8)	-5.8	(3.7)	-6.8	-0.27	(0.15)
	Japan	30.4	(1.2)	c	c	c	c	34.8	(1.2)	c	c	c	c	c	c	c
	Korea	36.2	(1.3)	c	c	c	c	50.4	(1.2)	c	c	c	c	c	c	c
	Luxembourg	7.7	(0.5)	13.2	(0.9)	-5.4	(1.1)	22.7	(0.7)	29.3	(1.3)	**-6.6**	(1.6)	**-4.8**	**-0.25**	(0.09)
	Mexico	22.3	(0.7)	51.0	(5.3)	-28.6	(5.4)	31.3	(0.8)	71.2	(3.9)	**-39.8**	(3.8)	**-32.6**	**-1.36**	(0.18)
	Netherlands	6.5	(0.6)	11.9	(1.8)	-5.3	(1.9)	14.6	(0.9)	22.8	(2.5)	**-8.2**	(2.6)	**-5.1**	**-0.36**	(0.18)
	New Zealand	8.1	(0.5)	12.3	(1.5)	-4.2	(1.6)	16.8	(1.1)	20.5	(1.8)	-3.7	(2.0)	**-4.0**	**-0.26**	(0.13)
	Norway	16.6	(0.7)	23.8	(2.7)	-7.2	(2.7)	22.9	(0.7)	34.1	(3.3)	**-11.2**	(3.3)	**-8.4**	**-0.43**	(0.16)
	Poland	26.5	(0.9)	c	c	c	c	41.0	(1.0)	c	c	c	c	c	c	c
	Portugal	23.5	(1.1)	26.2	(4.1)	-2.7	(4.1)	46.9	(1.4)	58.0	(3.0)	**-11.0**	(3.3)	**-12.3**	**-0.50**	(0.14)
	Slovak Republic	24.0	(1.2)	c	c	c	c	38.4	(1.4)	c	c	c	c	c	c	c
	Spain	9.1	(0.5)	16.9	(2.1)	**-7.8**	(2.1)	17.4	(0.6)	29.9	(2.6)	**-12.4**	(2.7)	**-11.3**	**-0.65**	(0.12)
	Sweden	19.3	(0.8)	31.5	(2.9)	**-12.3**	(3.1)	24.5	(0.8)	39.9	(2.4)	**-15.4**	(2.6)	**-11.3**	**-0.54**	(0.11)
	Switzerland	13.3	(0.6)	16.8	(1.3)	**-3.5**	(1.4)	20.8	(0.7)	27.9	(1.5)	**-7.1**	(1.6)	**-6.0**	**-0.34**	(0.08)
	Turkey	12.7	(0.7)	13.0	(5.5)	-0.3	(5.5)	19.6	(1.0)	23.8	(5.6)	-4.2	(5.6)	-5.5	-0.32	(0.31)
	United Kingdom	18.8	(0.7)	26.5	(2.6)	**-7.7**	(2.6)	30.8	(0.9)	39.7	(2.5)	**-8.9**	(2.4)	-7.3	-0.32	(0.10)
	United States	16.5	(1.0)	24.7	(2.0)	**-8.2**	(1.9)	30.1	(1.2)	40.9	(2.0)	**-10.8**	(2.1)	**-6.4**	**-0.29**	(0.10)
	OECD average	15.2	(0.1)	19.6	(0.6)	**-6.6**	(0.6)	25.5	(0.2)	33.1	(0.7)	**-10.1**	(0.7)	**-8.6**	**-0.44**	(0.03)
Partners	Argentina	11.0	(1.0)	21.4	(5.3)	**-10.4**	(5.3)	19.6	(1.4)	32.0	(5.8)	**-12.4**	(5.5)	**-11.6**	**-0.63**	(0.25)
	Azerbaijan	48.2	(1.4)	42.3	(5.3)	6.0	(5.1)	67.6	(1.5)	61.0	(4.3)	6.7	(4.4)	6.8	0.30	(0.19)
	Brazil	19.9	(0.8)	30.1	(4.8)	**-10.3**	(5.1)	33.6	(0.9)	51.2	(5.1)	**-17.6**	(5.1)	**-18.1**	**-0.75**	(0.20)
	Bulgaria	22.6	(1.2)	c	c	c	c	34.6	(1.6)	c	c	c	c	c	c	c
	Chile	17.5	(0.8)	c	c	c	c	27.0	(1.1)	c	c	c	c	c	c	c
	Colombia	18.9	(1.0)	c	c	c	c	28.6	(1.3)	c	c	c	c	c	c	c
	Croatia	11.6	(0.7)	13.3	(1.5)	-1.7	(1.6)	21.4	(0.9)	23.2	(2.0)	-1.8	(2.0)	-1.2	-0.07	(0.12)
	Estonia	18.1	(0.7)	20.4	(1.8)	-2.3	(1.8)	31.0	(1.0)	36.8	(2.5)	**-5.8**	(2.4)	-4.8	-0.22	(0.12)
	Hong Kong-China	41.8	(1.4)	42.1	(1.6)	-0.3	(1.5)	48.7	(1.5)	48.3	(1.5)	0.3	(1.6)	2.6	0.10	(0.07)
	Indonesia	34.7	(2.3)	57.9	(9.4)	**-23.2**	(9.7)	51.5	(3.0)	75.1	(7.3)	**-23.5**	(7.9)	-15.1	-0.63	(0.48)
	Israel	18.9	(0.9)	21.1	(1.3)	-2.1	(1.5)	33.5	(1.1)	36.8	(2.1)	-3.3	(2.3)	-1.7	-0.07	(0.10)
	Jordan	40.7	(1.0)	39.9	(2.1)	0.8	(2.3)	56.3	(1.2)	54.8	(2.2)	1.5	(2.1)	-0.7	-0.03	(0.08)
	Kyrgyzstan	53.3	(1.2)	36.6	(5.4)	**16.7**	(5.3)	78.8	(1.1)	61.7	(6.6)	**17.1**	(6.5)	9.4	0.51	(0.30)
	Latvia	29.5	(1.3)	24.6	(2.3)	**4.8**	(2.4)	50.8	(1.3)	47.2	(2.8)	3.6	(3.0)	-0.4	-0.01	(0.12)
	Liechtenstein	7.3	(1.8)	15.9	(3.5)	**-8.6**	(4.3)	10.2	(2.0)	26.7	(4.0)	**-16.1**	(4.7)	**-14.8**	**-1.08**	(0.34)
	Lithuania	19.1	(0.8)	17.7	(5.4)	1.4	(5.4)	33.9	(1.0)	38.1	(5.0)	-4.2	(5.1)	-5.6	-0.24	(0.23)
	Macao-China	31.9	(1.5)	35.7	(0.9)	**-3.7**	(1.8)	44.3	(1.5)	47.4	(1.0)	-3.1	(1.8)	-0.1	-0.00	(0.08)
	Montenegro	21.7	(0.7)	19.9	(2.8)	1.8	(2.9)	34.7	(0.8)	34.1	(3.5)	0.6	(3.5)	-1.5	-0.07	(0.15)
	Qatar	33.3	(0.8)	22.0	(0.8)	**11.3**	(1.1)	50.9	(0.8)	34.6	(1.0)	**16.3**	(1.3)	**15.4**	**0.63**	(0.06)
	Romania	21.9	(1.5)	c	c	c	c	40.1	(1.6)	c	c	c	c	c	c	c
	Russian Federation	36.5	(1.3)	38.7	(2.4)	-2.2	(2.0)	57.4	(1.3)	59.4	(2.5)	-2.0	(2.1)	-2.8	-0.11	(0.09)
	Serbia	14.5	(0.8)	14.4	(1.9)	0.0	(1.8)	23.4	(0.9)	22.1	(2.0)	1.4	(2.0)	-0.0	-0.00	(0.11)
	Slovenia	11.3	(0.5)	15.0	(1.8)	-3.6	(1.9)	19.7	(0.6)	23.9	(2.4)	-4.2	(2.5)	-3.4	-0.20	(0.14)
	Chinese Taipei	34.9	(0.7)	39.3	(9.0)	-4.5	(8.9)	44.7	(0.9)	46.0	(8.7)	-1.2	(8.5)	-1.1	-0.05	(0.33)
	Thailand	39.2	(1.2)	c	c	c	c	47.4	(1.2)	c	c	c	c	c	c	c
	Tunisia	30.2	(0.9)	61.7	(9.8)	**-31.5**	(9.8)	53.7	(1.2)	82.3	(7.8)	**-28.6**	(7.6)	**-25.6**	**-1.20**	(0.53)
	Uruguay	8.5	(0.6)	c	c	c	c	16.9	(0.9)	c	c	c	c	c	c	c

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.17 [Part 1/3] Percentage of students by different types of out-of-school-time lessons, by lower and upper secondary schools

		Proportion of students participating in out-of-school-time lessons						Proportion of students participating in out-of-school lessons with non-school teachers											
								One-to-one lessons						Small group lessons					
		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	30.3	(0.7)	34.9	(1.3)	**-4.6**	(1.4)	16.5	(0.5)	16.8	(0.9)	-0.3	(1.0)	8.0	(0.4)	8.6	(0.7)	-0.6	(0.7)
	Austria	51.3	(5.8)	35.3	(1.1)	**16.0**	(5.8)	22.3	(3.5)	16.3	(0.8)	6.0	(3.6)	19.0	(3.6)	7.0	(0.5)	**12.0**	(3.6)
	Belgium	45.3	(3.4)	29.7	(0.7)	**15.7**	(3.5)	16.5	(2.5)	17.8	(0.6)	-1.3	(2.6)	14.0	(2.2)	7.1	(0.4)	**6.9**	(2.3)
	Canada	38.7	(1.6)	35.3	(0.8)	**3.3**	(1.7)	16.5	(1.0)	16.5	(0.5)	0.0	(1.0)	9.3	(0.8)	8.3	(0.4)	1.0	(0.8)
	Czech Republic	42.6	(1.3)	32.4	(1.4)	**10.2**	(2.0)	17.5	(1.1)	14.3	(1.0)	**3.2**	(1.5)	8.7	(0.8)	7.1	(0.7)	1.6	(1.0)
	Denmark	20.8	(0.8)	5.8	(3.0)	**15.0**	(3.1)	5.4	(0.4)	3.8	(3.1)	1.5	(3.2)	4.6	(0.4)	2.0	(1.8)	2.7	(1.9)
	Finland	23.4	(0.7)	c	c	c	c	5.3	(0.3)	c	c	c	c	2.4	(0.2)	c	c	c	c
	France	38.5	(1.3)	43.8	(1.2)	**-5.3**	(1.7)	20.0	(1.4)	24.0	(1.1)	**-4.0**	(1.7)	10.7	(0.9)	8.1	(0.6)	**2.6**	(1.1)
	Germany	37.4	(0.8)	23.1	(7.4)	14.3	(7.6)	21.8	(0.6)	11.7	(4.6)	**10.1**	(4.7)	7.5	(0.4)	1.4	(1.2)	**6.1**	(1.3)
	Greece	46.9	(3.5)	78.9	(0.9)	**-32.0**	(3.7)	20.4	(2.4)	46.9	(1.1)	**-26.4**	(2.7)	22.5	(2.2)	47.9	(1.4)	**-25.5**	(2.6)
	Hungary	67.5	(2.9)	53.1	(1.2)	**14.4**	(3.2)	18.9	(2.6)	33.6	(1.1)	**-14.7**	(2.9)	14.2	(2.6)	10.5	(0.6)	3.7	(2.7)
	Iceland	40.6	(0.8)	a	a	a	a	14.7	(0.6)	a	a	a	a	6.7	(0.5)	a	a	a	a
	Ireland	44.8	(1.3)	27.8	(1.2)	**17.0**	(1.7)	24.0	(0.8)	17.2	(1.0)	**6.8**	(1.3)	11.1	(0.7)	7.5	(0.7)	**3.6**	(1.0)
	Italy	70.2	(9.3)	66.4	(0.6)	3.9	(9.4)	29.9	(4.4)	37.3	(0.6)	-7.5	(4.4)	23.4	(7.9)	14.0	(0.5)	9.4	(8.0)
	Japan	a	a	45.6	(1.4)	a	a	a	a	9.4	(0.6)	a	a	a	a	8.4	(0.6)	a	a
	Korea	74.3	(9.5)	79.3	(0.9)	-5.0	(9.5)	27.3	(7.7)	31.4	(0.8)	-4.1	(7.8)	34.4	(3.9)	31.2	(0.9)	3.2	(4.0)
	Luxembourg	47.4	(0.9)	37.5	(1.0)	**9.8**	(1.3)	23.5	(0.7)	22.5	(1.2)	1.0	(1.2)	8.8	(0.6)	4.0	(0.6)	**4.8**	(0.8)
	Mexico	56.2	(1.5)	40.9	(0.9)	**15.3**	(1.8)	20.4	(1.2)	15.9	(0.6)	**4.5**	(1.3)	19.3	(1.2)	13.7	(0.4)	**5.6**	(1.2)
	Netherlands	23.0	(1.0)	19.6	(1.5)	3.4	(1.8)	7.3	(0.5)	7.8	(0.7)	-0.5	(0.8)	4.4	(0.5)	1.4	(0.3)	**3.0**	(0.6)
	New Zealand	36.2	(2.8)	33.6	(0.9)	2.6	(2.9)	17.9	(2.2)	17.1	(0.7)	0.7	(2.3)	13.0	(2.3)	9.6	(0.5)	3.4	(2.3)
	Norway	27.4	(0.8)	c	c	c	c	5.4	(0.4)	c	c	c	c	4.9	(0.4)	c	c	c	c
	Poland	56.1	(1.0)	59.5	(6.6)	-3.3	(6.7)	19.2	(0.8)	33.7	(5.1)	**-14.5**	(5.1)	10.6	(0.6)	17.9	(4.8)	-7.3	(4.8)
	Portugal	69.4	(1.3)	68.0	(1.4)	1.5	(1.9)	19.7	(1.0)	34.6	(1.6)	**-14.9**	(2.0)	13.6	(0.8)	15.9	(1.2)	-2.4	(1.4)
	Slovak Republic	77.1	(1.7)	42.8	(1.5)	**34.3**	(2.4)	28.4	(2.0)	23.8	(1.1)	4.6	(2.3)	12.9	(1.0)	10.2	(0.6)	**2.8**	(1.2)
	Spain	53.9	(0.7)	c	c	c	c	28.7	(0.8)	c	c	c	c	26.2	(0.7)	c	c	c	c
	Sweden	32.4	(0.8)	13.3	(3.4)	**19.1**	(3.6)	7.5	(0.5)	3.4	(1.9)	**4.1**	(2.0)	5.8	(0.4)	2.7	(1.8)	3.1	(1.9)
	Switzerland	40.4	(0.7)	38.2	(1.9)	2.1	(2.1)	18.6	(0.5)	26.2	(1.7)	**-7.6**	(1.7)	6.0	(0.4)	7.9	(1.2)	-1.9	(1.2)
	Turkey	35.9	(6.8)	37.0	(1.1)	-1.1	(6.9)	9.0	(5.1)	13.7	(0.6)	-4.7	(5.1)	11.6	(2.9)	10.9	(0.6)	0.7	(3.0)
	United Kingdom	63.4	(5.6)	45.5	(0.9)	**17.9**	(5.6)	25.9	(7.5)	17.4	(0.5)	8.5	(7.6)	31.5	(5.7)	7.4	(0.5)	**24.1**	(5.7)
	United States	57.7	(3.9)	40.2	(1.1)	**17.5**	(4.0)	23.9	(2.9)	16.4	(0.8)	**7.4**	(3.0)	25.0	(3.2)	10.8	(0.6)	**14.2**	(3.2)
	OECD average	46.5	(0.7)	41.0	(0.5)	**7.3**	(0.9)	18.4	(0.5)	20.4	(0.3)	**-1.7**	(0.7)	13.5	(0.5)	10.8	(0.3)	**3.1**	(0.6)
Partners	Argentina	54.5	(2.4)	46.1	(1.4)	**8.5**	(2.8)	26.8	(1.9)	33.0	(1.6)	**-6.1**	(2.5)	22.8	(2.3)	17.7	(0.8)	**5.1**	(2.4)
	Azerbaijan	78.4	(1.3)	81.1	(1.4)	-2.7	(1.4)	26.9	(1.3)	36.2	(1.8)	**-9.3**	(2.0)	39.6	(1.2)	42.5	(1.5)	-2.8	(1.8)
	Brazil	56.9	(1.2)	44.4	(1.1)	**12.5**	(1.6)	19.9	(1.0)	19.6	(0.8)	0.3	(1.3)	21.6	(0.9)	16.0	(0.7)	**5.6**	(1.2)
	Bulgaria	55.2	(5.3)	54.1	(1.4)	1.1	(5.5)	17.9	(2.9)	27.5	(1.0)	**-9.6**	(3.1)	26.2	(4.0)	16.9	(1.1)	**9.4**	(4.3)
	Chile	53.5	(5.4)	37.6	(1.2)	**15.9**	(5.5)	15.6	(4.1)	13.2	(0.8)	2.5	(4.1)	18.5	(3.9)	9.0	(0.5)	**9.5**	(3.9)
	Colombia	57.0	(1.8)	47.0	(1.5)	**10.0**	(2.3)	26.5	(1.2)	24.7	(1.2)	1.8	(1.9)	19.5	(1.1)	16.7	(0.9)	**2.8**	(1.3)
	Croatia	c	c	45.4	(0.9)	c	c	c	c	28.0	(0.8)	c	c	c	c	9.8	(0.5)	c	c
	Estonia	46.0	(0.9)	48.1	(4.9)	-2.1	(5.1)	17.1	(0.7)	23.8	(4.3)	-6.6	(4.3)	8.1	(0.5)	9.6	(3.7)	-1.5	(3.8)
	Hong Kong-China	66.3	(1.5)	80.6	(0.8)	**-14.3**	(1.5)	22.3	(1.5)	25.2	(1.3)	**-2.9**	(1.4)	18.5	(1.0)	17.4	(0.9)	1.0	(1.2)
	Indonesia	81.0	(1.3)	49.1	(2.4)	**31.9**	(2.5)	18.0	(1.0)	16.8	(1.4)	1.2	(1.8)	20.4	(1.0)	18.4	(1.1)	2.1	(1.4)
	Israel	65.2	(2.3)	64.3	(1.1)	0.9	(2.5)	42.4	(2.6)	42.2	(1.1)	0.3	(2.8)	21.9	(2.8)	20.0	(0.8)	1.9	(2.8)
	Jordan	72.6	(0.9)	a	a	a	a	34.4	(0.8)	a	a	a	a	25.2	(0.8)	a	a	a	a
	Kyrgyzstan	85.5	(1.1)	84.3	(1.5)	1.2	(1.5)	26.9	(0.8)	25.0	(1.6)	1.9	(1.7)	27.6	(1.0)	25.1	(1.4)	2.5	(1.6)
	Latvia	71.5	(1.1)	70.4	(3.7)	1.2	(3.6)	32.2	(1.2)	34.0	(4.4)	-1.8	(4.4)	14.0	(0.5)	16.0	(3.9)	-2.0	(4.0)
	Liechtenstein	27.2	(2.4)	32.7	(8.8)	-5.5	(9.1)	13.8	(1.8)	15.7	(6.5)	-1.9	(6.6)	2.8	(1.0)	2.7	(2.6)	0.1	(2.4)
	Lithuania	48.8	(1.1)	c	c	c	c	17.8	(0.8)	c	c	c	c	7.0	(0.4)	c	c	c	c
	Macao-China	66.8	(0.9)	54.7	(1.3)	**12.0**	(1.5)	25.4	(0.9)	15.7	(0.9)	**9.7**	(1.2)	22.8	(0.9)	17.0	(1.0)	**5.8**	(1.2)
	Montenegro	c	c	62.0	(0.7)	c	c	c	c	37.5	(0.8)	c	c	c	c	20.7	(0.6)	c	c
	Qatar	69.8	(1.1)	61.8	(0.6)	**8.0**	(1.4)	33.9	(1.5)	36.9	(0.8)	-3.0	(1.6)	31.0	(1.3)	23.8	(0.7)	**7.2**	(1.6)
	Romania	56.8	(1.5)	a	a	a	a	27.9	(1.4)	a	a	a	a	19.8	(1.2)	a	a	a	a
	Russian Federation	74.0	(1.6)	66.6	(1.7)	**7.4**	(2.0)	20.8	(1.2)	22.1	(1.0)	-1.3	(1.4)	14.3	(1.2)	11.4	(0.7)	**2.9**	(1.1)
	Serbia	44.4	(5.9)	54.0	(1.1)	-9.6	(6.0)	22.9	(9.7)	38.8	(1.1)	-15.9	(9.8)	4.5	(2.6)	13.0	(0.6)	**-8.5**	(2.6)
	Slovenia	67.5	(6.4)	40.6	(0.6)	**26.9**	(6.4)	14.0	(4.5)	27.2	(0.7)	**-13.3**	(4.6)	9.6	(4.6)	6.4	(0.3)	3.2	(4.6)
	Chinese Taipei	79.5	(0.9)	72.8	(0.7)	**6.8**	(1.2)	25.2	(1.0)	22.9	(0.6)	2.3	(1.3)	27.0	(1.0)	22.0	(0.5)	**5.0**	(1.1)
	Thailand	63.8	(1.6)	63.4	(1.6)	0.4	(2.2)	21.9	(1.4)	19.8	(0.9)	2.1	(1.7)	25.4	(1.2)	23.4	(1.1)	2.0	(1.6)
	Tunisia	74.8	(1.3)	66.4	(1.6)	**8.4**	(2.1)	29.3	(1.3)	32.1	(2.3)	-2.8	(2.6)	29.0	(1.2)	27.6	(1.8)	1.4	(2.1)
	Uruguay	39.3	(1.6)	47.4	(1.2)	**-8.0**	(1.9)	21.3	(1.2)	33.2	(1.1)	**-11.9**	(1.6)	14.8	(1.1)	24.2	(0.9)	**-9.4**	(1.2)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.17 [Part 2/3] Percentage of students by different types of out-of-school-time lessons, by lower and upper secondary schools

		Proportion of students participating in out-of-school lessons with non-school teachers												Proportion of students participating in out-of-school lessons with school teachers					
		Large group lessons						At least one of these types of out-of-school lessons						One-to-one lessons					
		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	7.3	(0.4)	7.0	(0.6)	0.4	(0.7)	22.9	(0.6)	24.0	(1.1)	-1.1	(1.2)	6.4	(0.4)	7.9	(0.8)	-1.5	(0.8)
	Austria	13.7	(3.3)	5.7	(0.4)	8.0	(3.3)	38.3	(5.6)	23.3	(0.9)	**15.0**	(5.7)	15.4	(3.6)	4.8	(0.4)	**10.6**	(3.6)
	Belgium	10.2	(1.9)	4.1	(0.4)	6.2	(1.9)	28.1	(3.4)	22.2	(0.6)	5.9	(3.4)	19.9	(2.9)	6.7	(0.4)	**13.2**	(2.9)
	Canada	8.0	(0.7)	6.9	(0.4)	1.1	(0.8)	23.0	(1.1)	22.8	(0.6)	0.2	(1.2)	15.9	(1.1)	11.7	(0.4)	**4.3**	(1.1)
	Czech Republic	6.8	(0.7)	4.6	(0.7)	2.1	(1.0)	23.5	(1.2)	20.2	(1.2)	3.3	(1.7)	17.2	(1.1)	11.6	(1.0)	**5.6**	(1.5)
	Denmark	3.9	(0.4)	a	a	a	a	10.4	(0.6)	5.8	(3.0)	4.7	(3.1)	5.4	(0.4)	a	a	a	a
	Finland	3.7	(0.3)	c	c	c	c	8.5	(0.4)	c	c	c	c	8.1	(0.5)	c	c	c	c
	France	8.4	(1.0)	2.5	(0.4)	5.9	(1.0)	25.9	(1.5)	26.7	(1.2)	-0.7	(1.9)	9.8	(0.9)	5.2	(0.7)	**4.6**	(1.1)
	Germany	3.9	(0.4)	0.9	(1.0)	2.9	(1.1)	27.7	(0.6)	14.0	(4.1)	**13.7**	(4.1)	5.9	(0.5)	1.3	(1.0)	**4.6**	(1.1)
	Greece	18.6	(3.2)	18.5	(1.0)	0.0	(3.3)	39.2	(2.6)	73.3	(1.0)	**-34.1**	(2.8)	16.1	(4.1)	11.7	(0.8)	**4.4**	(4.2)
	Hungary	22.2	(3.5)	7.7	(0.5)	14.5	(3.6)	33.6	(3.6)	38.7	(1.1)	-5.0	(3.9)	30.2	(3.0)	13.4	(0.8)	**16.8**	(3.0)
	Iceland	5.1	(0.4)	a	a	a	a	19.9	(0.7)	a	a	a	a	10.5	(0.5)	a	a	a	a
	Ireland	7.5	(0.7)	5.4	(0.6)	2.2	(0.9)	32.7	(1.1)	22.9	(1.1)	**9.9**	(1.5)	9.1	(0.8)	3.8	(0.5)	**5.3**	(0.9)
	Italy	22.8	(4.3)	8.8	(0.4)	14.0	(4.4)	48.6	(7.9)	45.9	(0.7)	2.8	(8.0)	a	a	a	a	a	a
	Japan	a	a	8.2	(0.6)	a	a	a	a	20.2	(1.0)	a	a	a	a	7.5	(0.6)	a	a
	Korea	28.3	(12.6)	26.9	(0.8)	1.5	(12.6)	54.4	(11.2)	57.9	(1.0)	-3.5	(11.2)	8.7	(2.6)	9.6	(0.5)	-0.9	(2.6)
	Luxembourg	7.3	(0.5)	2.3	(0.4)	5.0	(0.6)	29.6	(0.7)	25.0	(1.3)	**4.6**	(1.4)	16.3	(0.7)	9.3	(0.7)	**7.0**	(1.1)
	Mexico	21.7	(1.2)	11.8	(0.5)	9.8	(1.3)	35.5	(1.5)	26.4	(0.8)	**9.1**	(1.6)	25.6	(1.6)	10.8	(0.4)	**14.8**	(1.7)
	Netherlands	4.5	(0.4)	1.5	(0.3)	3.0	(0.5)	11.8	(0.7)	9.3	(0.8)	**2.5**	(1.0)	8.7	(0.6)	4.3	(0.9)	**4.4**	(1.0)
	New Zealand	12.3	(2.0)	6.6	(0.4)	5.7	(2.0)	26.0	(2.6)	23.8	(0.7)	2.3	(2.6)	11.4	(1.7)	9.0	(0.8)	2.4	(1.7)
	Norway	5.0	(0.4)	c	c	c	c	9.9	(0.6)	c	c	c	c	8.5	(0.5)	c	c	c	c
	Poland	10.0	(0.4)	11.8	(3.5)	-1.8	(3.4)	28.8	(0.9)	49.7	(6.8)	**-20.8**	(6.8)	14.7	(0.6)	6.4	(2.5)	**8.3**	(2.5)
	Portugal	10.8	(1.0)	5.1	(0.5)	5.7	(1.1)	28.2	(1.1)	43.5	(1.7)	**-15.3**	(2.1)	28.6	(1.5)	14.2	(0.9)	**14.4**	(1.8)
	Slovak Republic	10.3	(1.2)	5.6	(0.6)	4.7	(1.3)	33.9	(2.0)	27.1	(1.1)	**6.8**	(2.3)	53.3	(2.4)	16.5	(1.1)	**36.9**	(2.6)
	Spain	10.5	(0.5)	c	c	c	c	43.5	(0.8)	c	c	c	c	8.5	(0.5)	c	c	c	c
	Sweden	7.1	(0.4)	1.5	(1.0)	5.6	(1.1)	13.3	(0.6)	5.8	(1.9)	**7.5**	(2.0)	8.9	(0.6)	0.8	(0.6)	**8.1**	(0.8)
	Switzerland	5.3	(0.4)	2.5	(0.7)	2.8	(0.8)	23.6	(0.6)	29.8	(1.9)	**-6.2**	(1.9)	7.3	(0.3)	4.0	(0.8)	**3.3**	(0.8)
	Turkey	13.4	(2.2)	15.1	(1.0)	-1.7	(2.5)	21.4	(3.8)	26.8	(1.2)	-5.3	(4.1)	12.6	(8.0)	7.4	(0.5)	5.2	(8.1)
	United Kingdom	31.1	(8.6)	7.3	(0.4)	23.8	(8.6)	51.8	(4.9)	24.0	(0.7)	**27.9**	(5.0)	20.6	(6.7)	11.3	(0.4)	9.3	(6.7)
	United States	23.2	(3.4)	10.0	(0.6)	13.2	(3.5)	39.8	(3.8)	23.2	(0.9)	**16.6**	(3.9)	36.9	(4.2)	20.4	(0.8)	**16.5**	(4.3)
	OECD average	11.8	(0.6)	7.5	(0.2)	5.6	(0.8)	28.8	(0.6)	28.1	(0.4)	**1.6**	(0.8)	15.7	(0.5)	8.7	(0.2)	**8.6**	(0.6)
Partners	Argentina	22.2	(1.4)	9.3	(0.8)	12.9	(1.5)	40.2	(2.2)	39.8	(1.4)	0.4	(2.6)	18.2	(2.0)	7.6	(0.8)	**10.6**	(2.1)
	Azerbaijan	38.2	(1.5)	40.0	(1.4)	-1.8	(2.0)	60.6	(1.2)	65.7	(1.6)	**-5.1**	(1.8)	35.8	(1.3)	43.6	(1.6)	**-7.8**	(1.5)
	Brazil	20.4	(1.0)	13.1	(0.6)	7.3	(1.2)	37.0	(1.2)	31.1	(0.8)	**5.9**	(1.6)	19.5	(1.3)	10.7	(0.6)	**8.7**	(1.5)
	Bulgaria	26.9	(3.5)	16.1	(1.1)	10.8	(3.6)	35.9	(4.8)	38.2	(1.1)	-2.3	(4.9)	38.0	(4.5)	20.8	(1.5)	**17.2**	(4.8)
	Chile	19.8	(5.3)	7.8	(0.4)	11.9	(5.3)	33.2	(5.4)	20.9	(0.8)	**12.3**	(5.4)	22.3	(4.5)	7.7	(0.5)	**14.7**	(4.5)
	Colombia	18.7	(1.5)	14.9	(0.9)	3.8	(2.0)	39.0	(1.6)	35.2	(1.3)	3.8	(2.3)	23.2	(1.6)	9.6	(1.4)	**13.7**	(2.0)
	Croatia	c	c	7.8	(0.5)	c	c	c	c	34.1	(0.9)	c	c	c	c	13.0	(0.5)	c	c
	Estonia	7.3	(0.5)	7.7	(3.4)	-0.3	(3.5)	23.3	(0.7)	31.5	(5.5)	-8.2	(5.6)	18.5	(0.9)	13.8	(3.8)	4.7	(4.0)
	Hong Kong-China	21.0	(1.3)	35.3	(1.5)	-14.3	(1.6)	43.5	(1.7)	57.0	(1.3)	**-13.5**	(1.7)	9.0	(0.8)	4.1	(0.4)	**4.8**	(0.9)
	Indonesia	20.0	(1.1)	14.8	(1.0)	5.3	(1.4)	35.8	(1.2)	32.1	(1.6)	3.7	(2.2)	48.4	(1.9)	13.2	(1.4)	**35.1**	(2.0)
	Israel	14.8	(1.9)	15.5	(0.8)	-0.6	(1.9)	54.4	(2.7)	52.5	(1.3)	1.9	(2.7)	17.5	(2.0)	21.3	(1.1)	-3.8	(2.1)
	Jordan	21.9	(0.8)	a	a	a	a	48.0	(0.9)	a	a	a	a	27.4	(1.0)	a	a	a	a
	Kyrgyzstan	33.2	(1.1)	27.6	(1.3)	5.6	(1.5)	49.9	(1.1)	44.5	(1.6)	**5.4**	(1.8)	63.7	(1.2)	63.9	(1.7)	-0.2	(2.0)
	Latvia	17.3	(0.7)	10.9	(2.8)	6.4	(3.1)	42.3	(1.1)	42.7	(5.1)	-0.5	(5.1)	35.0	(1.2)	25.3	(4.0)	**9.7**	(4.4)
	Liechtenstein	2.7	(1.0)	0.0	(0.0)	2.7	(1.0)	15.9	(2.1)	18.3	(6.8)	-2.4	(7.0)	5.9	(1.4)	5.3	(3.7)	0.6	(4.2)
	Lithuania	6.6	(0.5)	c	c	c	c	23.4	(0.8)	c	c	c	c	12.0	(0.6)	c	c	c	c
	Macao-China	21.7	(0.9)	15.5	(1.0)	6.2	(1.3)	43.5	(1.0)	31.6	(1.3)	**11.9**	(1.5)	17.8	(0.8)	8.2	(0.7)	9.7	(1.0)
	Montenegro	c	c	17.4	(0.6)	c	c	c	c	47.5	(0.8)	c	c	c	c	25.1	(0.6)	c	c
	Qatar	29.7	(1.2)	20.9	(0.6)	8.9	(1.4)	52.1	(1.3)	47.5	(0.8)	**4.7**	(1.5)	45.2	(1.5)	30.7	(0.7)	**14.6**	(1.7)
	Romania	15.5	(1.2)	a	a	a	a	38.5	(1.3)	a	a	a	a	26.9	(1.3)	a	a	a	a
	Russian Federation	14.5	(1.0)	11.7	(0.7)	2.9	(1.2)	31.2	(1.8)	31.3	(1.2)	-0.0	(1.9)	35.3	(1.2)	28.0	(1.2)	**7.3**	(1.5)
	Serbia	9.3	(4.0)	8.7	(0.5)	0.6	(4.0)	27.2	(8.5)	43.6	(1.1)	-16.4	(8.5)	6.7	(3.4)	10.4	(0.7)	-3.7	(3.4)
	Slovenia	12.8	(2.5)	4.8	(0.3)	8.1	(2.5)	29.3	(4.8)	31.3	(0.6)	-1.9	(4.9)	29.2	(5.8)	8.1	(0.3)	**21.1**	(5.8)
	Chinese Taipei	43.2	(1.9)	39.0	(1.0)	4.2	(2.1)	62.0	(1.4)	54.4	(0.9)	**7.6**	(1.6)	13.3	(1.0)	14.9	(0.8)	-1.6	(1.4)
	Thailand	31.8	(1.3)	31.1	(1.5)	0.8	(1.8)	44.2	(1.3)	44.3	(1.7)	-0.1	(2.0)	26.5	(1.4)	18.5	(0.7)	**8.1**	(1.6)
	Tunisia	27.1	(1.4)	12.1	(0.8)	15.0	(1.6)	48.7	(1.3)	41.3	(2.4)	**7.4**	(2.7)	49.7	(1.6)	36.0	(2.2)	**13.7**	(2.6)
	Uruguay	13.7	(1.2)	11.1	(0.7)	2.6	(1.5)	30.0	(1.6)	41.4	(1.1)	**-11.4**	(1.9)	12.7	(1.2)	7.9	(1.0)	**4.8**	(1.5)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.17 [Part 3/3] Percentage of students by different types of out-of-school-time lessons, by lower and upper secondary schools

		Proportion of students participating in out-of-school lessons with school teachers																	
		Small group lessons						Large group lessons						At least one of these types of out-of-school lessons					
		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	6.6	(0.4)	10.1	(1.0)	**-3.5**	(1.0)	7.9	(0.4)	9.4	(0.7)	**-1.5**	(0.7)	13.2	(0.6)	17.4	(1.2)	**-4.2**	(1.3)
	Austria	29.8	(4.2)	12.0	(0.8)	**17.8**	(4.2)	25.4	(3.8)	15.0	(0.9)	**10.3**	(4.0)	43.2	(5.2)	22.1	(1.1)	**21.2**	(5.2)
	Belgium	22.8	(2.5)	7.2	(0.4)	**15.6**	(2.6)	19.5	(3.1)	5.4	(0.3)	**14.1**	(3.1)	35.9	(2.9)	13.3	(0.5)	**22.6**	(3.0)
	Canada	14.6	(1.0)	9.8	(0.4)	**4.9**	(1.1)	15.5	(0.9)	10.6	(0.4)	**4.9**	(1.0)	26.7	(1.3)	20.4	(0.6)	**6.3**	(1.5)
	Czech Republic	13.6	(1.0)	8.5	(0.9)	**5.1**	(1.3)	16.5	(0.9)	10.5	(1.2)	**6.0**	(1.5)	28.1	(1.3)	18.7	(1.6)	**9.4**	(2.1)
	Denmark	8.1	(0.5)	a	a	a	a	8.1	(0.5)	a	a	a	a	14.2	(0.7)	a	a	a	a
	Finland	9.4	(0.5)	c	c	c	c	12.1	(0.6)	c	c	c	c	18.2	(0.7)	c	c	c	c
	France	16.1	(0.9)	19.2	(1.1)	**-3.2**	(1.5)	10.7	(0.8)	10.2	(0.7)	0.5	(1.1)	23.0	(1.2)	24.5	(1.2)	-1.5	(1.7)
	Germany	7.8	(0.6)	5.6	(1.5)	2.2	(1.6)	10.5	(0.6)	6.3	(4.4)	4.2	(4.5)	17.8	(0.7)	11.3	(6.0)	6.5	(6.1)
	Greece	17.2	(3.5)	14.6	(0.9)	2.6	(3.6)	17.8	(2.8)	9.0	(0.7)	**8.8**	(2.9)	27.0	(4.1)	21.6	(1.1)	5.4	(4.3)
	Hungary	22.6	(2.9)	11.9	(0.7)	**10.7**	(3.0)	38.2	(4.5)	14.0	(0.7)	**24.2**	(4.6)	54.8	(3.7)	27.3	(1.1)	**27.5**	(3.9)
	Iceland	14.6	(0.6)	a	a	a	a	14.2	(0.6)	c	c	c	c	27.2	(0.7)	c	c	c	c
	Ireland	11.5	(0.8)	5.1	(0.6)	6.4	(0.9)	13.0	(0.9)	4.9	(0.5)	**8.0**	(1.1)	21.9	(1.2)	9.2	(0.7)	**12.6**	(1.4)
	Italy	39.2	(6.5)	36.3	(0.8)	**2.9**	(6.7)	36.9	(7.7)	25.6	(0.6)	11.3	(7.7)	49.8	(7.7)	45.7	(0.9)	4.1	(7.7)
	Japan	a	a	6.6	(0.3)	a	a	a	a	30.5	(1.2)	a	a	a	a	34.9	(1.2)	a	a
	Korea	12.6	(8.0)	16.8	(0.6)	-4.2	(8.0)	21.4	(9.0)	36.5	(1.3)	-15.1	(9.1)	34.0	(11.8)	50.7	(1.2)	-16.7	(11.9)
	Luxembourg	17.2	(0.7)	9.9	(0.7)	**7.4**	(1.0)	13.1	(0.7)	4.1	(0.5)	**8.9**	(0.9)	29.5	(0.8)	17.8	(0.9)	**11.7**	(1.3)
	Mexico	24.6	(1.5)	12.0	(0.5)	**12.6**	(1.7)	32.6	(1.8)	16.8	(0.6)	**15.7**	(2.0)	44.7	(1.9)	24.3	(0.7)	**20.4**	(2.1)
	Netherlands	9.9	(0.6)	5.5	(1.1)	**4.3**	(1.1)	7.5	(0.6)	6.4	(1.1)	1.1	(1.3)	16.6	(0.9)	12.5	(1.6)	**4.2**	(1.7)
	New Zealand	14.9	(2.2)	9.4	(0.6)	**5.5**	(2.2)	12.7	(2.0)	8.8	(0.6)	3.9	(2.2)	21.0	(2.4)	17.5	(1.0)	3.5	(2.5)
	Norway	12.0	(0.5)	c	c	c	c	17.3	(0.7)	c	c	c	c	23.9	(0.8)	m	m	m	m
	Poland	23.2	(0.8)	11.2	(3.5)	**11.9**	(3.7)	26.8	(0.9)	12.7	(3.6)	**14.1**	(3.6)	41.3	(1.0)	20.9	(4.6)	**20.4**	(4.6)
	Portugal	38.3	(1.5)	24.3	(1.4)	**14.1**	(1.8)	32.7	(1.7)	13.4	(1.2)	**19.4**	(2.1)	58.3	(1.8)	35.5	(1.5)	**22.8**	(2.2)
	Slovak Republic	28.6	(1.7)	11.6	(1.1)	**17.0**	(1.9)	45.9	(2.1)	10.6	(1.0)	**35.3**	(2.3)	64.9	(2.3)	22.7	(1.4)	**42.2**	(2.7)
	Spain	10.8	(0.4)	m	m	m	m	9.8	(0.5)	c	c	c	c	18.6	(0.6)	c	c	c	c
	Sweden	14.4	(0.6)	7.4	(3.7)	7.0	(3.6)	21.1	(0.7)	6.3	(2.6)	**14.8**	(2.7)	26.8	(0.8)	9.7	(3.4)	**17.1**	(3.5)
	Switzerland	11.1	(0.4)	5.1	(0.6)	**6.0**	(0.8)	15.7	(0.7)	6.1	(0.7)	**9.6**	(1.2)	24.6	(0.8)	12.5	(1.1)	**12.1**	(1.5)
	Turkey	20.6	(6.3)	8.8	0.10	11.9	(6.3)	22.1	(4.8)	12.3	(0.8)	**9.8**	(4.9)	32.1	(6.5)	19.1	(1.0)	**13.0**	(6.6)
	United Kingdom	32.5	(6.6)	17.6	(0.6)	**14.9**	(6.6)	29.2	(8.4)	19.5	(0.7)	9.7	(8.4)	54.7	(5.1)	31.7	(0.9)	**23.0**	(5.1)
	United States	31.6	(2.9)	17.4	(0.8)	**14.2**	(3.0)	32.7	(4.2)	16.1	(0.7)	**16.6**	(4.2)	50.4	(4.4)	29.9	(1.0)	**20.6**	(4.4)
	OECD average	18.5	(0.6)	12.1	(0.3)	**7.7**	(0.7)	20.2	(0.6)	12.8	(0.3)	**9.8**	(0.8)	32.5	(0.7)	22.9	(0.4)	**12.7**	(0.9)
Partners	Argentina	23.0	(1.7)	8.3	(0.9)	**14.8**	(1.9)	22.4	(1.9)	6.7	(0.9)	**15.7**	(1.8)	35.1	(2.5)	14.0	(1.2)	**21.0**	(2.7)
	Azerbaijan	34.9	(1.3)	40.7	(1.7)	**-5.8**	(1.6)	48.9	(1.4)	47.7	(1.8)	1.1	(1.7)	66.6	(1.6)	69.1	(1.7)	-2.5	(1.5)
	Brazil	30.1	(1.2)	20.4	(0.9)	**9.8**	(1.5)	28.7	(1.2)	16.4	(0.9)	**12.3**	(1.5)	44.6	(1.4)	29.3	(1.1)	**15.3**	(1.8)
	Bulgaria	29.5	(4.4)	18.5	(1.1)	**11.0**	(4.5)	36.6	(4.2)	21.8	(1.3)	**14.8**	(4.5)	48.1	(5.1)	33.9	(1.7)	**14.1**	(5.3)
	Chile	31.5	(4.6)	15.6	(0.8)	**15.9**	(4.6)	32.8	(4.0)	17.1	(0.8)	**15.7**	(4.1)	47.2	(5.4)	26.4	(1.1)	**20.9**	(5.6)
	Colombia	30.4	(1.7)	13.3	(1.3)	**17.1**	(2.2)	28.1	(1.8)	13.6	(1.2)	**14.5**	(2.0)	40.8	(2.0)	21.8	(1.4)	**19.0**	(2.1)
	Croatia	c	c	11.1	(0.6)	c	c	c	c	12.0	(0.7)	c	c	c	c	21.7	(0.8)	c	c
	Estonia	13.9	(0.7)	6.6	(2.6)	**7.2**	(2.6)	18.7	(0.7)	13.4	(3.3)	5.4	(3.4)	32.2	(1.1)	25.1	(4.7)	7.1	(4.8)
	Hong Kong-China	18.4	(1.1)	16.0	(0.9)	**2.4**	(1.1)	36.6	(1.6)	45.1	(1.6)	**-8.5**	(1.8)	44.2	(1.7)	51.1	(1.5)	**-6.9**	(1.8)
	Indonesia	36.0	(1.8)	16.1	(1.9)	**19.8**	(2.3)	50.7	(1.8)	17.6	(1.8)	**33.1**	(2.3)	72.7	(1.6)	28.8	(2.8)	**43.8**	(2.8)
	Israel	17.4	(1.6)	21.4	(1.0)	**-4.0**	(1.8)	19.8	(2.0)	20.2	(0.9)	-0.4	(2.2)	32.9	(1.7)	35.6	(1.2)	-2.6	(2.0)
	Jordan	31.7	(0.9)	a	a	a	a	40.9	(0.9)	a	a	a	a	56.6	(1.1)	a	a	a	a
	Kyrgyzstan	43.6	(1.3)	45.4	(1.8)	-1.8	(2.0)	53.5	(1.3)	51.2	(2.1)	2.3	(2.2)	79.0	(1.3)	77.1	(1.6)	1.8	(1.8)
	Latvia	25.8	(1.1)	19.7	(3.1)	6.1	(3.3)	29.2	(1.2)	22.9	(3.9)	6.3	(4.0)	50.8	(1.3)	42.8	(5.3)	8.0	(5.5)
	Liechtenstein	7.5	(1.4)	11.0	(5.3)	-3.6	(5.7)	10.9	(1.6)	8.6	(4.6)	2.3	(4.6)	16.0	(1.9)	22.0	(6.3)	-6.0	(6.4)
	Lithuania	17.6	(0.8)	c	c	c	c	19.4	(0.8)	c	c	c	c	34.4	(1.0)	c	c	c	c
	Macao-China	25.7	(0.8)	17.5	(1.1)	**8.2**	(1.5)	38.0	(0.9)	29.7	(1.4)	**8.3**	(1.8)	51.5	(0.9)	38.7	(1.4)	**12.8**	(1.7)
	Montenegro	c	c	17.8	(0.6)	c	c	c	c	21.6	(0.6)	c	c	c	c	34.6	(0.8)	c	c
	Qatar	35.7	(1.1)	27.3	(0.6)	**8.5**	(1.4)	37.2	(1.1)	27.3	(0.6)	**9.8**	(1.2)	57.3	(1.2)	41.9	(0.7)	**15.4**	(1.4)
	Romania	24.4	(1.1)	a	a	a	a	21.9	(1.5)	a	a	a	a	40.1	(1.6)	a	a	a	a
	Russian Federation	37.8	(1.5)	27.9	(1.3)	**9.9**	(1.7)	39.4	(1.8)	35.0	(1.6)	4.3	(2.3)	63.5	(1.4)	54.1	(1.7)	**9.4**	(2.0)
	Serbia	15.3	(5.8)	12.2	(0.6)	3.1	(5.9)	17.5	(5.4)	14.6	(0.8)	2.9	(5.5)	28.5	(7.5)	23.6	(0.9)	5.0	(7.6)
	Slovenia	30.1	(8.0)	8.1	(0.4)	**22.0**	(8.1)	28.9	(4.9)	11.0	(0.4)	**17.9**	(4.9)	60.0	(5.9)	18.6	(0.5)	**41.3**	(6.0)
	Chinese Taipei	20.6	(1.2)	23.9	(0.9)	**-3.4**	(1.6)	36.1	(1.2)	34.6	(0.9)	1.5	(1.4)	45.7	(1.5)	44.7	(1.2)	1.0	(1.9)
	Thailand	30.5	(1.7)	25.1	(1.0)	**5.4**	(1.9)	41.7	(2.2)	37.8	(1.3)	3.9	(2.5)	51.1	(2.1)	45.6	(1.4)	**5.4**	(2.4)
	Tunisia	39.4	(1.7)	26.7	(1.5)	**12.7**	(2.3)	39.9	(1.4)	21.8	(0.9)	**18.0**	(1.6)	63.3	(1.7)	45.3	(1.7)	**17.9**	(2.4)
	Uruguay	12.0	(1.1)	7.4	(0.6)	**4.5**	(1.2)	14.2	(1.1)	5.9	(0.4)	**8.3**	(1.2)	23.0	(1.4)	14.1	(1.1)	**8.8**	(1.8)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.18 [Part 1/6] Percentage of students by different types of out-of-school-time lessons, by public and private schools

		Proportion of students participating in out-of-school-time lessons					
		Public schools		Private schools		Difference (public-private)	
		%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	w	w	w	w	w	w
	Austria	36.0	(1.1)	39.0	(4.5)	-3.0	(4.5)
	Belgium	w	w	w	w	w	w
	Canada	35.1	(0.8)	46.1	(2.7)	**-11.0**	(2.9)
	Czech Republic	37.2	(0.9)	37.2	(4.4)	-0.0	(4.4)
	Denmark	19.1	(1.0)	23.5	(1.4)	**-4.4**	(1.9)
	Finland	23.3	(0.7)	27.6	(2.6)	-4.3	(2.7)
	France	w	w	w	w	w	w
	Germany	36.6	(0.9)	41.4	(5.1)	-4.8	(5.4)
	Greece	76.3	(1.0)	78.7	(2.5)	-2.4	(2.7)
	Hungary	53.3	(1.3)	59.3	(3.5)	-6.0	(3.9)
	Iceland	40.7	(0.9)	43.7	(7.8)	-3.0	(8.1)
	Ireland	41.2	(1.8)	36.3	(0.9)	**4.8**	(2.0)
	Italy	66.6	(0.6)	65.0	(3.2)	1.5	(3.3)
	Japan	42.9	(1.5)	51.7	(2.5)	**-8.8**	(2.8)
	Korea	77.5	(1.5)	81.1	(1.3)	-3.6	(2.3)
	Luxembourg	42.3	(0.8)	52.5	(2.1)	**-10.2**	(2.3)
	Mexico	48.2	(0.8)	45.2	(3.1)	3.0	(3.1)
	Netherlands	21.9	(1.6)	22.2	(1.1)	-0.3	(2.1)
	New Zealand	32.9	(0.9)	47.8	(2.7)	**-15.0**	(2.8)
	Norway	27.6	(0.9)	17.6	(6.4)	10.0	(6.6)
	Poland	56.0	(1.0)	67.7	(6.1)	-11.7	(6.1)
	Portugal	69.1	(0.9)	65.5	(5.2)	3.7	(5.3)
	Slovak Republic	55.8	(1.4)	54.1	(6.2)	1.7	(6.7)
	Spain	52.8	(0.9)	55.7	(1.3)	-2.8	(1.6)
	Sweden	31.8	(0.8)	32.3	(3.3)	-0.5	(3.3)
	Switzerland	39.7	(0.7)	43.0	(3.2)	-3.2	(3.3)
	Turkey	36.3	(1.1)	58.9	(3.2)	**-22.6**	(3.5)
	United Kingdom	45.7	(0.9)	42.0	(3.4)	3.7	(3.4)
	United States	42.8	(1.2)	36.1	(2.8)	**6.8**	(3.0)
	OECD average	43.6	(0.2)	46.5	(0.7)	**-2.9**	(0.8)
Partners	Argentina	46.5	(1.6)	52.2	(1.7)	**-5.8**	(2.2)
	Azerbaijan	79.4	(1.2)	89.9	(3.3)	**-10.5**	(3.6)
	Brazil	47.1	(0.9)	56.7	(2.6)	**-9.7**	(2.7)
	Bulgaria	m	m	m	m	m	m
	Chile	37.5	(1.6)	39.1	(1.6)	-1.6	(2.4)
	Colombia	51.1	(1.2)	49.1	(3.0)	2.1	(3.3)
	Croatia	45.1	(0.9)	67.6	(0.1)	**-22.5**	(0.9)
	Estonia	46.4	(0.9)	29.1	(2.9)	**17.3**	(3.0)
	Hong Kong-China	77.4	(3.6)	75.2	(0.9)	2.2	(3.8)
	Indonesia	67.6	(3.0)	63.1	(2.9)	4.5	(3.4)
	Israel	67.9	(1.2)	55.8	(2.5)	**12.1**	(2.8)
	Jordan	72.7	(0.9)	72.5	(2.7)	0.2	(2.9)
	Kyrgyzstan	85.3	(1.0)	78.9	(5.0)	6.3	(5.2)
	Latvia	71.5	(1.1)	a	a	a	a
	Liechtenstein	28.3	(2.5)	21.0	(9.1)	7.3	(9.4)
	Lithuania	48.8	(1.1)	46.4	(0.0)	**2.4**	(1.1)
	Macao-China	69.3	(3.0)	62.0	(0.8)	**7.2**	(3.0)
	Montenegro	62.3	(0.7)	90.7	(9.1)	**-28.4**	(9.1)
	Qatar	63.5	(0.6)	62.2	(1.7)	1.3	(1.9)
	Romania	56.8	(1.5)	a	a	a	a
	Russian Federation	69.4	(1.4)	a	a	a	a
	Serbia	53.7	(1.0)	c	c	c	c
	Slovenia	41.8	(0.6)	38.1	(4.8)	3.7	(4.8)
	Chinese Taipei	76.5	(0.8)	72.2	(1.0)	**4.3**	(1.4)
	Thailand	64.0	(1.3)	61.3	(2.7)	2.7	(2.9)
	Tunisia	70.4	(1.0)	74.3	(11.7)	-3.9	(11.8)
	Uruguay	42.5	(1.2)	56.1	(1.8)	**-13.5**	(2.2)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.18 [Part 2/6] Percentage of students by different types of out-of-school-time lessons, by public and private schools

		Proportion of students participating in out-of-school lessons with non-school teachers															
		One-to-one lessons									Small group lessons						
		Public schools		Private schools		Difference (public-private)		If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS			Public schools		Private schools		Difference (public-private)	
								Difference (public-private)	Increase in the logit of participating in out-of-school-time lessons by being in a public school								
		%	S.E.	%	S.E.	Dif.	S.E.	Dif. in %	Logistic regression coefficient	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Austria	16.0	(0.7)	23.3	(3.4)	**-7.3**	(3.5)	-5.1	-0.34	(0.26)	7.4	(0.5)	10.7	(2.3)	-3.3	(2.3)
	Belgium	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Canada	16.0	(0.5)	23.9	(1.4)	**-7.9**	(1.5)	**-2.9**	**-0.20**	(0.10)	8.5	(0.4)	8.1	(1.0)	0.4	(1.0)
	Czech Republic	15.4	(0.7)	21.0	(2.8)	**-5.6**	(2.7)	**-4.2**	**-0.31**	(0.13)	8.0	(0.6)	6.6	(1.0)	1.4	(1.0)
	Denmark	5.3	(0.6)	5.5	(0.9)	-0.2	(1.2)	0.3	0.07	(0.24)	4.9	(0.5)	4.2	(0.7)	0.7	(0.9)
	Finland	5.3	(0.3)	8.5	(1.4)	**-3.3**	(1.5)	**-2.7**	**-0.46**	(0.22)	2.4	(0.3)	3.7	(1.1)	-1.3	(1.2)
	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	21.5	(0.7)	23.8	(5.9)	-2.4	(6.0)	-0.5	-0.03	(0.33)	7.4	(0.4)	6.2	(1.4)	1.2	(1.5)
	Greece	43.8	(1.2)	63.1	(3.7)	**-19.2**	(4.0)	7.2	0.30	(0.16)	47.3	(1.3)	21.4	(4.3)	**25.9**	(4.5)
	Hungary	31.6	(1.2)	38.3	(2.9)	**-6.6**	(3.3)	3.5	0.16	(0.11)	10.7	(0.7)	11.8	(1.6)	-1.1	(1.7)
	Iceland	14.9	(0.6)	14.9	(6.9)	0.1	(7.0)	4.1	0.39	(0.61)	6.9	(0.5)	5.5	(3.9)	1.4	(4.0)
	Ireland	20.6	(1.0)	22.0	(0.9)	-1.4	(1.4)	2.0	0.12	(0.09)	10.2	(0.7)	9.5	(0.7)	0.8	(1.0)
	Italy	37.3	(0.6)	37.2	(2.9)	0.1	(3.1)	5.4	0.24	(0.14)	14.0	(0.5)	16.7	(1.9)	-2.7	(2.1)
	Japan	7.6	(0.5)	13.4	(1.7)	**-5.8**	(1.8)	**-2.8**	**-0.35**	(0.14)	8.1	(0.5)	9.2	(1.3)	-1.1	(1.4)
	Korea	30.7	(1.3)	32.0	(1.3)	-1.4	(2.0)	-2.4	-0.11	(0.08)	32.3	(1.6)	30.1	(1.3)	2.1	(2.4)
	Luxembourg	23.0	(0.7)	23.9	(1.8)	-0.9	(2.0)	-1.1	-0.06	(0.11)	7.1	(0.5)	6.9	(1.1)	0.2	(1.2)
	Mexico	17.0	(0.6)	23.2	(2.5)	**-6.3**	(2.5)	-2.4	-0.16	(0.16)	16.1	(0.5)	16.4	(1.9)	-0.3	(1.8)
	Netherlands	7.7	(0.9)	7.3	(0.6)	0.5	(1.1)	0.3	0.04	(0.14)	4.3	(0.8)	3.2	(0.5)	1.0	(1.1)
	New Zealand	16.7	(0.7)	25.3	(2.4)	**-8.7**	(2.4)	0.8	0.06	(0.14)	9.8	(0.5)	10.5	(2.2)	-0.7	(2.2)
	Norway	5.3	(0.4)	8.1	(2.5)	-2.8	(2.6)	-2.3	-0.39	(0.38)	5.0	(0.4)	1.2	(1.1)	**3.8**	(1.2)
	Poland	19.0	(0.8)	41.3	(5.0)	**-22.4**	(5.0)	1.0	0.07	(0.20)	10.6	(0.6)	15.0	(2.2)	**-4.5**	(2.3)
	Portugal	25.9	(1.0)	33.0	(2.5)	**-7.1**	(2.7)	-1.1	-0.06	(0.12)	15.0	(0.8)	11.7	(2.7)	3.3	(2.8)
	Slovak Republic	25.5	(1.0)	25.7	(4.0)	-0.3	(4.0)	4.1	0.24	(0.21)	11.4	(0.5)	8.4	(2.0)	2.9	(2.1)
	Spain	27.5	(1.0)	30.8	(1.2)	**-3.3**	(1.5)	2.0	0.10	(0.08)	27.2	(0.8)	24.3	(1.3)	2.9	(1.5)
	Sweden	7.2	(0.5)	10.0	(1.3)	**-2.9**	(1.4)	**-3.4**	**-0.43**	(0.19)	5.7	(0.4)	5.8	(1.0)	-0.1	(1.2)
	Switzerland	19.6	(0.6)	23.9	(3.1)	-4.3	(3.2)	1.6	0.10	(0.17)	6.2	(0.4)	6.7	(1.8)	-0.5	(1.9)
	Turkey	13.2	(0.7)	22.0	(2.3)	**-8.8**	(2.4)	-3.4	-0.28	(0.23)	10.9	(0.6)	12.1	(4.2)	-1.3	(4.2)
	United Kingdom	17.1	(0.6)	21.0	(2.6)	-3.9	(2.7)	0.6	0.04	(0.19)	7.5	(0.5)	6.1	(1.4)	1.4	(1.4)
	United States	17.6	(0.8)	13.7	(2.4)	3.9	(2.5)	-0.1	-0.01	(0.23)	12.9	(0.9)	6.9	(1.4)	**6.0**	(1.7)
	OECD average	18.8	(0.2)	23.4	(0.6)	**-4.6**	(0.6)	-0.6	-0.04	(0.04)	11.6	(0.1)	10.2	(0.4)	**1.4**	(0.4)
Partners	Argentina	26.1	(1.3)	40.2	(2.0)	**-14.1**	(2.3)	**-5.4**	**0.25**	(0.13)	18.0	(1.1)	21.3	(1.4)	-3.3	(1.8)
	Azerbaijan	30.5	(1.1)	47.3	(5.6)	**-16.8**	(5.8)	2.3	0.11	(0.26)	40.9	(1.1)	35.8	(6.7)	5.0	(7.0)
	Brazil	18.0	(0.6)	30.0	(2.1)	**-11.9**	(2.2)	1.6	0.11	(0.16)	17.5	(0.6)	20.1	(1.7)	-2.6	(1.9)
	Bulgaria	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Chile	10.0	(1.0)	16.0	(1.2)	**-6.0**	(1.6)	-0.7	-0.06	(0.13)	10.0	(0.7)	9.0	(0.7)	0.9	(1.0)
	Colombia	24.8	(0.7)	28.6	(2.6)	-3.8	(2.7)	2.9	0.16	(0.13)	18.2	(0.9)	16.2	(1.9)	2.0	(2.1)
	Croatia	27.9	(0.9)	27.6	(0.0)	0.3	(0.9)	**8.8**	**0.50**	(0.07)	9.6	(0.6)	20.1	(0.0)	**-10.5**	(0.5)
	Estonia	17.3	(0.7)	17.1	(2.2)	0.2	(2.3)	3.9	0.30	(0.19)	8.1	(0.4)	8.0	(3.2)	0.1	(3.1)
	Hong Kong-China	24.9	(3.0)	24.1	(1.4)	0.8	(3.3)	-2.7	-0.16	(0.23)	20.0	(2.1)	17.6	(0.8)	2.3	(2.2)
	Indonesia	18.1	(1.2)	16.5	(1.0)	1.6	(1.6)	-0.1	-0.01	(0.12)	19.6	(1.1)	19.2	(1.1)	0.4	(1.4)
	Israel	45.1	(1.3)	34.1	(2.7)	**11.1**	(3.2)	**12.8**	**0.54**	(0.14)	21.8	(1.1)	15.9	(1.5)	**6.0**	(1.8)
	Jordan	34.9	(0.8)	32.6	(2.3)	2.3	(2.4)	5.4	0.24	(0.13)	26.5	(0.9)	20.8	(1.9)	**5.6**	(2.1)
	Kyrgyzstan	26.2	(0.8)	35.0	(11.2)	-8.8	(11.1)	-3.9	-0.19	(0.46)	26.9	(0.9)	27.9	(11.3)	-1.0	(11.4)
	Latvia	32.3	(1.2)	a	a	a	a	a	a	a	14.1	(0.5)	a	a	a	a
	Liechtenstein	14.5	(2.0)	c	c	c	c	c	c	c	3.0	(1.1)	m	m	m	m
	Lithuania	17.7	(0.8)	c	c	c	c	c	c	c	7.0	(0.4)	m	m	m	m
	Macao-China	21.7	(2.6)	21.8	(0.7)	-0.2	(2.6)	2.8	0.16	(0.17)	26.9	(3.2)	20.4	(0.8)	6.6	(3.5)
	Montenegro	38.0	(0.8)	c	c	c	c	21.3	1.15	(0.81)	21.0	(0.6)	c	c	c	c
	Qatar	36.2	(0.8)	36.8	(1.6)	-0.6	(1.8)	0.4	0.02	(0.09)	26.0	(0.7)	21.9	(1.4)	**4.1**	(1.6)
	Romania	27.9	(1.4)	a	a	a	a	a	a	a	19.8	(1.2)	a	a	a	a
	Russian Federation	21.7	(0.8)	a	a	a	a	a	a	a	12.5	(0.8)	a	a	a	a
	Serbia	38.3	(1.1)	c	c	c	c	c	c	c	12.9	(0.6)	c	c	c	c
	Slovenia	26.9	(0.7)	23.2	(4.1)	3.8	(4.2)	6.9	0.39	(0.24)	6.6	(0.4)	5.2	(2.3)	1.4	(2.2)
	Chinese Taipei	21.2	(0.6)	28.4	(1.2)	**-7.3**	(1.5)	**-7.3**	**-0.40**	(0.08)	23.7	(0.7)	23.4	(1.0)	0.3	(1.3)
	Thailand	20.3	(0.9)	21.4	(1.8)	-1.1	(2.0)	-0.1	-0.01	(0.12)	23.9	(1.0)	24.9	(1.8)	-1.0	(2.0)
	Tunisia	30.6	(1.4)	40.9	(10.1)	-10.3	(10.2)	-7.4	-0.34	(0.48)	28.1	(1.1)	39.7	(10.0)	-11.6	(10.0)
	Uruguay	27.0	(1.0)	40.3	(1.8)	**-13.3**	(2.1)	3.1	0.16	(0.15)	19.8	(0.8)	28.2	(2.0)	**-8.3**	(2.2)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.18 [Part 3/6] Percentage of students by different types of out-of-school-time lessons, by public and private schools

		Proportion of students participating in out-of-school lessons with non-school teachers														
		Large group lessons						At least one of these types of out-of-school lessons						If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS		
		Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)		Difference (public-private)	Increase in the logit of participating in out-of-school-time lessons by being in a public school	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	Dif. in %	Logistic regression coefficient	S.E.
OECD	Australia	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
OECD	Austria	6.1	(0.4)	6.8	(2.8)	-0.7	(2.8)	23.5	(0.8)	31.1	(4.5)	-7.7	(4.6)	-6.8	-0.35	(0.26)
OECD	Belgium	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
OECD	Canada	7.4	(0.4)	4.4	(0.8)	**2.9**	(0.9)	22.5	(0.6)	29.2	(1.8)	**-6.7**	(2.0)	-1.3	-0.08	(0.10)
OECD	Czech Republic	5.7	(0.5)	3.7	(0.9)	2.0	(1.1)	21.3	(0.8)	25.5	(2.5)	-4.2	(2.5)	-3.1	-0.18	(0.12)
OECD	Denmark	3.6	(0.5)	3.9	(0.7)	-0.3	(0.8)	10.1	(0.8)	10.9	(1.1)	-0.8	(1.4)	-0.7	-0.07	(0.17)
OECD	Finland	3.7	(0.3)	4.3	(1.7)	-0.6	(1.7)	8.4	(0.5)	12.5	(2.3)	-4.1	(2.4)	-3.3	-0.38	(0.22)
OECD	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
OECD	Germany	4.0	(0.4)	2.0	(1.0)	1.9	(1.1)	27.3	(0.7)	28.4	(5.1)	-1.0	(5.3)	0.1	0.00	(0.26)
OECD	Greece	19.1	(1.0)	8.1	(2.5)	**11.0**	(2.7)	70.4	(1.1)	75.4	(2.7)	-5.0	(3.0)	**37.3**	1.59	(0.23)
OECD	Hungary	8.7	(0.6)	8.4	(1.5)	0.3	(1.6)	37.7	(1.3)	42.8	(2.9)	-5.2	(3.3)	2.2	0.09	(0.12)
OECD	Iceland	5.3	(0.4)	0.0	(0.0)	**5.3**	(0.4)	20.2	(0.7)	14.9	(6.9)	**5.3**	(7.0)	8.3	0.65	(0.61)
OECD	Ireland	7.5	(0.7)	6.3	(0.6)	1.2	(0.9)	28.3	(1.2)	29.5	(1.0)	-1.3	(1.5)	2.5	0.12	(0.08)
OECD	Italy	8.9	(0.4)	10.0	(2.1)	-1.0	(2.1)	45.9	(0.7)	47.9	(2.5)	-2.1	(2.7)	1.2	0.05	(0.11)
OECD	Japan	8.3	(0.7)	8.1	(1.1)	0.1	(1.2)	18.6	(1.0)	23.9	(2.4)	-5.3	(2.5)	0.6	0.04	(0.13)
OECD	Korea	27.2	(1.3)	26.5	(1.5)	0.7	(2.4)	58.4	(2.1)	57.1	(1.9)	1.4	(3.5)	-1.4	-0.06	(0.09)
OECD	Luxembourg	5.7	(0.4)	4.5	(0.8)	1.2	(0.9)	28.0	(0.8)	28.0	(1.9)	-0.1	(2.1)	0.0	0.00	(0.11)
OECD	Mexico	17.0	(0.6)	11.2	(1.4)	**5.8**	(1.6)	29.9	(0.8)	33.4	(3.4)	-3.4	(3.4)	-1.7	-0.08	(0.19)
OECD	Netherlands	3.6	(0.8)	3.7	(0.4)	-0.0	(1.0)	11.9	(1.2)	10.8	(0.7)	1.1	(1.4)	1.0	0.10	(0.14)
OECD	New Zealand	6.9	(0.4)	7.0	(1.5)	-0.0	(1.6)	23.4	(0.7)	31.1	(2.9)	**-7.6**	(3.0)	-1.0	-0.06	(0.15)
OECD	Norway	5.1	(0.4)	2.4	(1.1)	**2.7**	(1.2)	9.9	(0.6)	10.4	(2.3)	-0.5	(2.4)	-0.2	-0.02	(0.26)
OECD	Poland	10.0	(0.4)	10.7	(2.2)	-0.7	(2.2)	28.6	(0.9)	52.1	(4.6)	**-23.5**	(4.7)	3.4	0.18	(0.16)
OECD	Portugal	8.5	(0.6)	5.7	(1.8)	2.8	(1.9)	34.9	(1.1)	39.0	(3.5)	-4.1	(3.6)	2.1	0.09	(0.15)
OECD	Slovak Republic	7.6	(0.6)	5.0	(1.8)	2.6	(1.9)	29.8	(1.0)	28.5	(4.0)	1.3	(4.2)	5.5	0.28	(0.21)
OECD	Spain	10.9	(0.5)	9.8	(0.9)	1.0	(1.0)	42.1	(1.0)	45.8	(1.4)	**-3.7**	(1.6)	3.3	0.13	(0.08)
OECD	Sweden	6.9	(0.4)	6.6	(1.6)	0.3	(1.6)	13.0	(0.6)	14.0	(1.8)	-1.0	(1.8)	-2.0	-0.17	(0.18)
OECD	Switzerland	4.8	(0.3)	4.0	(1.3)	0.8	(1.3)	24.4	(0.6)	28.0	(3.3)	-3.6	(3.4)	1.2	0.07	(0.17)
OECD	Turkey	14.7	(1.0)	26.4	(4.0)	**-11.7**	(4.1)	26.0	(1.2)	41.8	(3.5)	**-15.8**	(3.8)	-4.0	-0.20	(0.14)
OECD	United Kingdom	7.5	(0.5)	3.6	(0.7)	**3.9**	(0.9)	23.9	(0.8)	26.3	(2.9)	-2.4	(3.0)	-0.8	-0.05	(0.18)
OECD	United States	11.8	(0.8)	8.1	(2.6)	3.7	(2.6)	25.5	(1.1)	20.4	(2.8)	5.2	(2.9)	-3.1	-0.16	(0.19)
OECD	**OECD average**	8.6	(0.1)	7.3	(0.3)	**1.3**	(0.3)	27.3	(0.2)	30.8	(0.6)	**-3.4**	(0.6)	1.1	0.06	(0.04)
Partners	Argentina	14.2	(0.8)	11.0	(1.4)	3.2	(1.6)	35.3	(1.5)	48.1	(1.7)	**-12.8**	(2.2)	**-8.2**	**0.34**	(0.12)
Partners	Azerbaijan	39.0	(1.1)	33.5	(8.3)	5.5	(8.4)	62.6	(1.1)	72.0	(6.9)	-9.4	(7.2)	-2.9	-0.12	(0.38)
Partners	Brazil	16.3	(0.6)	10.5	(1.1)	**5.8**	(1.3)	32.0	(0.7)	39.7	(2.3)	**-7.8**	(2.5)	1.1	0.05	(0.16)
Partners	Bulgaria	m	m	m	m	m	m	c	c	c	c	c	c	c	c	c
Partners	Chile	10.3	(0.9)	6.8	(0.5)	**3.5**	(1.0)	19.9	(1.2)	22.8	(1.3)	-2.8	(1.9)	0.9	0.05	(0.11)
Partners	Colombia	16.4	(0.7)	15.8	(1.8)	0.5	(1.9)	36.3	(0.8)	38.9	(2.9)	-2.6	(3.0)	3.1	0.14	(0.16)
Partners	Croatia	7.7	(0.5)	15.1	(0.1)	**-7.3**	(0.5)	33.8	(0.9)	45.2	(0.0)	**-11.3**	(0.9)	-3.0	-0.13	(0.07)
Partners	Estonia	7.3	(0.5)	11.0	(3.8)	-3.7	(3.8)	23.5	(0.7)	21.9	(3.6)	1.6	(3.6)	**5.6**	**0.35**	(0.17)
Partners	Hong Kong-China	38.0	(6.7)	29.4	(1.1)	8.6	(6.8)	58.4	(5.4)	51.6	(1.3)	6.8	(5.5)	1.6	0.07	(0.11)
Partners	Indonesia	18.1	(1.2)	16.7	(1.1)	1.4	(1.5)	35.4	(1.4)	32.0	(1.4)	3.4	(2.1)	1.6	0.07	(0.10)
Partners	Israel	16.9	(0.9)	12.2	(1.7)	**4.7**	(1.9)	56.5	(1.3)	43.2	(3.2)	**13.2**	(3.4)	**14.9**	**0.60**	(0.13)
Partners	Jordan	23.1	(0.9)	17.9	(1.9)	**5.2**	(2.1)	48.8	(0.9)	45.6	(2.0)	3.2	(2.2)	2.2	0.09	(0.10)
Partners	Kyrgyzstan	32.0	(0.9)	22.9	(9.7)	9.1	(9.7)	48.5	(1.0)	49.9	(11.1)	-1.4	(11.0)	-4.0	-0.16	(0.45)
Partners	Latvia	17.1	(0.7)	a	a	a	a	42.3	(1.1)	a	a	a	a	a	a	a
Partners	Liechtenstein	2.6	(0.9)	c	c	c	c	16.8	(2.2)	c	c	c	c	c	c	c
Partners	Lithuania	6.6	(0.5)	c	c	c	c	23.4	(0.8)	c	c	c	c	c	c	c
Partners	Macao-China	23.0	(2.5)	19.3	(0.7)	3.7	(2.6)	40.8	(3.3)	39.0	(0.8)	1.7	(3.4)	4.4	0.18	(0.15)
Partners	Montenegro	17.6	(0.6)	c	c	c	c	48.0	(0.8)	c	c	c	c	25.6	1.17	(0.81)
Partners	Qatar	23.6	(0.6)	17.0	(1.3)	**6.7**	(1.4)	48.7	(0.8)	47.2	(1.7)	1.5	(1.8)	-2.4	-0.10	(0.08)
Partners	Romania	15.5	(1.2)	a	a	a	a	38.5	(1.3)	a	a	a	a	a	a	a
Partners	Russian Federation	12.7	(0.6)	a	a	a	a	31.2	(1.1)	a	a	a	a	a	a	a
Partners	Serbia	8.7	(0.6)	c	c	c	c	43.1	(1.1)	c	c	c	c	c	c	c
Partners	Slovenia	5.1	(0.3)	3.0	(1.7)	2.1	(1.7)	31.4	(0.6)	27.6	(4.4)	3.8	(4.5)	5.7	0.28	(0.24)
Partners	Chinese Taipei	45.2	(1.2)	31.5	(1.2)	**13.7**	(1.8)	60.4	(1.0)	50.5	(1.6)	**10.0**	(2.1)	**10.0**	**0.41**	(0.06)
Partners	Thailand	31.3	(1.2)	31.1	(3.2)	0.2	(3.4)	44.6	(1.4)	42.6	(3.2)	2.0	(3.4)	**6.2**	**0.26**	(0.11)
Partners	Tunisia	18.8	(0.8)	37.5	(12.7)	-18.7	(12.7)	44.5	(1.4)	60.1	(11.1)	-15.6	(11.2)	-14.0	-0.57	(0.49)
Partners	Uruguay	12.1	(0.7)	10.6	(1.2)	1.5	(1.5)	35.4	(1.1)	49.3	(2.0)	**-14.0**	(2.4)	1.4	0.06	(0.15)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.18 [Part 4/6] Percentage of students by different types of out-of-school-time lessons, by public and private schools

		Proportion of students participating in out-of-school lessons with school teachers								
		One-to-one lessons								
		Public schools		Private schools		Difference (public-private)		If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS		
								Difference (public-private)	Increase in the logit of participating in out-of-school-time lessons by being in a public school	
		%	S.E.	%	S.E.	Dif.	S.E.	Dif. in %	Logistic regression coefficient	S.E.
OECD	Australia	w	w	w	w	w	w	w	w	w
	Austria	5.2	(0.4)	7.3	(2.3)	-2.0	(2.3)	-1.3	-0.27	(0.32)
	Belgium	w	w	w	w	w	w	w	w	w
	Canada	12.1	(0.4)	15.9	(1.9)	-3.9	(2.0)	**-6.5**	**-0.51**	(0.16)
	Czech Republic	14.4	(0.7)	11.2	(2.8)	3.2	(2.8)	1.0	0.09	(0.29)
	Denmark	5.0	(0.5)	5.5	(0.9)	-0.5	(1.0)	-1.4	-0.30	(0.22)
	Finland	8.2	(0.6)	5.2	(3.2)	3.1	(3.3)	2.4	0.38	(0.68)
	France	w	w	w	w	w	w	w	w	w
	Germany	5.4	(0.4)	8.1	(2.8)	-2.7	(2.9)	-4.4	-0.67	(0.43)
	Greece	12.3	(0.8)	6.4	(1.5)	**5.9**	(1.7)	-1.7	-0.16	(0.38)
	Hungary	14.6	(0.8)	14.8	(2.4)	-0.2	(2.5)	-0.9	-0.07	(0.20)
	Iceland	10.5	(0.5)	26.1	(6.3)	**-15.7**	(6.4)	**-17.1**	**-1.19**	(0.34)
	Ireland	9.5	(1.1)	5.4	(0.5)	**4.1**	(1.2)	**2.3**	**0.37**	(0.16)
	Italy	a	a	a	a	a	a	a	a	a
	Japan	3.4	(0.3)	4.4	(0.7)	-1.0	(0.9)	**-1.9**	**-0.51**	(0.24)
	Korea	9.6	(0.6)	9.5	(0.7)	0.0	(0.9)	0.0	0.01	(0.10)
	Luxembourg	13.7	(0.5)	14.5	(1.3)	-0.9	(1.4)	-0.6	-0.05	(0.11)
	Mexico	18.6	(0.9)	10.6	(1.2)	**8.0**	(1.6)	-2.7	-0.19	(0.15)
	Netherlands	7.6	(1.0)	7.4	(0.5)	0.1	(1.2)	0.2	0.03	(0.17)
	New Zealand	8.8	(0.8)	14.1	(3.8)	-5.3	(3.9)	**-11.2**	**-0.99**	(0.44)
	Norway	8.6	(0.5)	2.3	(1.1)	**6.3**	(1.2)	**5.9**	**1.27**	(0.57)
	Poland	14.7	(0.6)	11.5	(3.7)	3.2	(3.8)	-0.5	-0.04	(0.38)
	Portugal	22.6	(1.0)	15.8	(0.8)	**6.9**	(1.3)	**4.8**	**0.31**	(0.09)
	Slovak Republic	30.4	(1.3)	30.4	(8.4)	0.1	(8.6)	-3.7	-0.17	(0.41)
	Spain	8.9	(0.6)	7.9	(0.7)	1.0	(0.9)	-0.6	-0.08	(0.14)
	Sweden	8.3	(0.5)	13.4	(3.0)	-5.1	(3.1)	**-7.8**	**-0.79**	(0.29)
	Switzerland	6.4	(0.3)	11.8	(2.1)	**-5.4**	(2.1)	**-8.8**	**-0.99**	(0.20)
	Turkey	7.5	(0.6)	10.9	(3.5)	-3.4	(3.5)	**-7.2**	**-0.78**	(0.31)
	United Kingdom	11.2	(0.4)	8.8	(1.6)	2.4	(1.6)	-3.0	-0.28	(0.26)
	United States	22.7	(1.1)	18.0	(3.1)	4.7	(3.2)	-3.7	-0.20	(0.24)
	OECD average	11.4	(0.1)	11.3	(0.6)	0.1	(0.6)	-2.1	**-0.22**	(0.06)
Partners	Argentina	12.3	(1.2)	7.7	(1.3)	**4.7**	(1.7)	2.0	-0.23	(0.26)
	Azerbaijan	39.0	(1.3)	38.1	(5.4)	0.9	(5.7)	5.9	0.26	(0.29)
	Brazil	13.7	(0.6)	12.8	(1.5)	1.0	(1.6)	-2.5	-0.20	(0.19)
	Bulgaria	c	c	c	c	c	c	c	c	c
	Chile	9.4	(0.8)	7.5	(0.6)	1.9	(1.1)	0.4	0.06	(0.13)
	Colombia	16.0	(1.3)	9.7	(1.8)	**6.3**	(2.2)	0.1	0.01	(0.34)
	Croatia	12.9	(0.5)	29.7	(0.0)	**-16.7**	(0.5)	**-36.3**	**-1.93**	(0.11)
	Estonia	18.6	(0.9)	8.8	(4.0)	**9.8**	(4.2)	6.3	0.50	(0.43)
	Hong Kong-China	3.7	(0.9)	6.1	(0.5)	**-2.4**	(1.0)	-1.7	-0.36	(0.22)
	Indonesia	31.6	(2.6)	31.5	(3.1)	0.2	(3.2)	5.2	0.25	(0.15)
	Israel	21.6	(1.3)	18.7	(1.9)	2.8	(2.3)	1.5	0.10	(0.14)
	Jordan	28.3	(1.1)	24.1	(2.8)	4.2	(3.0)	-1.2	-0.06	(0.14)
	Kyrgyzstan	64.2	(1.1)	40.5	(13.2)	23.7	(13.3)	-3.1	-0.14	(0.53)
	Latvia	34.7	(1.2)	a	a	a	a	a	a	a
	Liechtenstein	5.6	(1.3)	c	c	c	c	c	c	c
	Lithuania	12.1	(0.6)	c	c	c	c	c	c	c
	Macao-China	27.0	(2.8)	13.7	(0.6)	**13.3**	(2.9)	**11.9**	**0.77**	(0.17)
	Montenegro	24.9	(0.6)	c	c	c	c	**-58.0**	**-2.67**	(0.81)
	Qatar	34.7	(0.7)	27.7	(1.5)	**7.1**	(1.7)	-2.1	-0.09	(0.09)
	Romania	26.9	(1.3)	a	a	a	a	a	a	a
	Russian Federation	30.7	(0.9)	a	a	a	a	a	a	a
	Serbia	10.4	(0.7)	c	c	c	c	c	c	c
	Slovenia	8.8	(0.4)	9.7	(3.3)	-0.9	(3.3)	-7.5	-0.74	(0.44)
	Chinese Taipei	12.3	(0.7)	18.3	(1.3)	**-6.1**	(1.6)	**-5.4**	**-0.44**	(0.09)
	Thailand	21.1	(0.8)	20.8	(1.1)	0.3	(1.3)	-1.3	-0.08	(0.08)
	Tunisia	42.7	(1.3)	41.5	(11.8)	1.2	(11.9)	0.7	0.03	(0.50)
	Uruguay	9.8	(0.9)	8.5	(0.9)	1.3	(1.3)	1.0	0.12	(0.29)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.18 [Part 5/6] Percentage of students by different types of out-of-school-time lessons, by public and private schools

		Proportion of students participating in out-of-school lessons with school teachers											
		Small group lessons						Large group lessons					
		Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	w	w	w	w	w	w	w	w	w	w	w	w
	Austria	13.2	(0.8)	12.0	(2.9)	1.2	(2.9)	15.9	(0.9)	13.0	(2.8)	2.9	(2.9)
	Belgium	w	w	w	w	w	w	w	w	w	w	w	w
	Canada	10.2	(0.4)	11.9	(1.8)	-1.7	(1.9)	11.1	(0.4)	12.0	(1.6)	-0.9	(1.7)
	Czech Republic	11.1	(0.7)	8.3	(1.7)	2.8	(1.8)	13.4	(0.7)	12.2	(3.7)	1.2	(3.7)
	Denmark	7.4	(0.5)	8.9	(1.0)	-1.5	(1.2)	6.8	(0.6)	11.1	(1.0)	**-4.3**	(1.2)
	Finland	9.5	(0.5)	7.4	(2.1)	2.1	(2.1)	12.2	(0.6)	11.4	(2.0)	0.8	(2.1)
	France	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	7.4	(0.5)	12.2	(4.3)	-4.9	(4.4)	10.4	(0.7)	8.1	(3.3)	2.3	(3.5)
	Greece	15.2	(0.9)	6.9	(2.4)	**8.4**	(2.6)	10.1	(0.7)	2.5	(0.6)	7.5	(1.0)
	Hungary	12.2	(0.8)	15.1	(2.1)	-2.9	(2.3)	15.3	(0.8)	17.2	(1.5)	-1.9	(1.6)
	Iceland	14.3	(0.6)	28.9	(7.0)	**-14.5**	(7.1)	14.3	(0.6)	0.0	(0.0)	**14.3**	(0.6)
	Ireland	12.4	(1.1)	6.8	(0.7)	**5.6**	(1.3)	13.3	(1.2)	7.7	(0.6)	**5.6**	(1.3)
	Italy	36.4	(0.8)	34.3	(3.1)	2.1	(3.3)	26.0	(0.6)	23.2	(2.7)	2.8	(2.8)
	Japan	6.1	(0.5)	7.7	(0.7)	-1.6	(0.9)	28.9	(1.3)	33.9	(2.6)	-4.9	(2.9)
	Korea	17.3	(0.9)	16.0	(0.9)	1.4	(1.3)	33.7	(1.8)	39.1	(1.8)	**-5.4**	(2.5)
	Luxembourg	13.7	(0.6)	20.1	(1.7)	**-6.4**	(1.9)	9.0	(0.5)	14.9	(1.4)	**-5.9**	(1.5)
	Mexico	18.8	(0.8)	11.5	(1.5)	7.3	(1.9)	25.9	(0.9)	12.6	(1.3)	**13.3**	(1.7)
	Netherlands	8.9	(1.2)	8.6	(0.6)	0.4	(1.4)	6.4	(1.0)	7.6	(0.7)	-1.2	(1.4)
	New Zealand	9.4	(0.7)	14.7	(1.6)	**-5.4**	(1.7)	9.1	(0.6)	8.6	(2.4)	0.5	(2.4)
	Norway	12.1	(0.6)	4.6	(2.1)	**7.6**	(2.2)	17.6	(0.7)	7.1	(3.8)	**10.5**	(3.9)
	Poland	23.2	(0.8)	19.1	(5.8)	4.0	(5.6)	26.9	(0.9)	14.8	(3.5)	**12.1**	(3.5)
	Portugal	33.4	(1.1)	17.4	(4.9)	**16.0**	(5.0)	23.9	(1.2)	23.0	(2.7)	1.0	(2.9)
	Slovak Republic	18.2	(1.1)	15.9	(4.2)	2.3	(4.5)	24.4	(1.2)	20.2	(7.1)	4.2	(7.3)
	Spain	11.0	(0.6)	10.4	(0.6)	0.6	(0.9)	10.9	(0.6)	7.8	(0.6)	**3.1**	(0.8)
	Sweden	14.0	(0.6)	15.6	(2.1)	-1.7	(2.2)	21.1	(0.7)	16.4	(1.7)	**4.7**	(1.6)
	Switzerland	10.0	(0.4)	12.7	(2.0)	-2.7	(2.0)	14.3	(0.6)	10.4	(1.9)	**3.9**	(2.0)
	Turkey	9.0	(0.6)	21.6	(1.4)	**-12.5**	(1.5)	12.6	(0.7)	23.1	(2.8)	**-10.5**	(2.9)
	United Kingdom	17.9	(0.6)	12.9	(2.0)	**5.0**	(2.0)	20.0	(0.8)	10.6	(2.2)	**9.4**	(2.4)
	United States	19.5	(0.9)	13.7	(2.8)	**5.8**	(2.9)	18.8	(1.1)	9.1	(1.7)	**9.7**	(1.9)
	OECD average	14.3	(0.1)	13.7	(0.5)	0.7	(0.6)	16.4	(0.2)	13.7	(0.5)	**2.7**	(0.5)
Partners	Argentina	15.8	(1.1)	6.8	(1.2)	**9.1**	(1.5)	14.4	(1.2)	5.7	(1.2)	**8.7**	(1.5)
	Azerbaijan	37.2	(1.3)	39.3	(7.5)	-2.0	(7.5)	48.5	(1.3)	38.7	(9.1)	9.8	(8.9)
	Brazil	23.7	(0.8)	22.8	(2.8)	0.8	(2.9)	20.5	(0.7)	20.2	(2.0)	0.2	(2.1)
	Bulgaria	c	c	c	c	c	c	c	c	c	c	c	c
	Chile	18.2	(1.1)	14.8	(1.2)	**3.4**	(1.6)	19.9	(0.9)	16.1	(1.1)	**3.7**	(1.5)
	Colombia	21.5	(1.4)	12.7	(2.3)	**8.7**	(2.7)	20.5	(1.2)	12.5	(1.9)	**8.0**	(2.3)
	Croatia	11.0	(0.6)	24.8	(0.1)	**-13.9**	(0.6)	11.8	(0.6)	29.9	(0.0)	**-18.1**	(0.6)
	Estonia	13.9	(0.7)	7.0	(3.4)	**6.9**	(3.5)	18.8	(0.7)	9.9	(4.8)	8.9	(4.9)
	Hong Kong-China	13.0	(3.0)	17.2	(0.8)	-4.2	(3.1)	40.4	(5.1)	42.1	(1.4)	-1.7	(5.3)
	Indonesia	26.2	(2.1)	27.0	(2.4)	-0.8	(2.1)	34.4	(2.5)	35.6	(3.2)	-1.2	(3.2)
	Israel	21.8	(1.3)	19.0	(1.7)	2.8	(2.4)	21.8	(1.1)	17.1	(1.8)	**4.7**	(2.3)
	Jordan	31.6	(0.9)	32.8	(2.6)	-1.3	(2.7)	40.6	(1.0)	42.1	(2.3)	-1.5	(2.5)
	Kyrgyzstan	44.4	(1.2)	29.9	(2.5)	**14.5**	(2.7)	53.1	(1.3)	34.7	(11.2)	18.4	(11.3)
	Latvia	25.6	(1.1)	a	a	a	a	29.0	(1.2)	a	a	a	a
	Liechtenstein	8.5	(1.4)	c	c	c	c	11.1	(1.7)	c	c	c	c
	Lithuania	17.8	(0.8)	c	c	c	c	19.4	(0.8)	c	c	c	c
	Macao-China	39.8	(3.3)	22.0	(0.7)	**17.8**	(3.4)	42.2	(3.3)	34.7	(0.7)	**7.5**	(3.2)
	Montenegro	17.5	(0.6)	c	c	c	c	21.3	(0.6)	c	c	c	c
	Qatar	29.6	(0.6)	25.2	(1.3)	**4.3**	(1.5)	30.5	(0.7)	22.2	(1.4)	**8.3**	(1.6)
	Romania	24.4	(1.1)	a	a	a	a	21.9	(1.5)	a	a	a	a
	Russian Federation	31.6	(1.2)	a	a	a	a	36.7	(1.3)	a	a	a	a
	Serbia	12.3	(0.6)	c	c	c	c	14.7	(0.8)	c	c	c	c
	Slovenia	8.9	(0.5)	7.1	(2.1)	1.7	(2.1)	11.7	(0.5)	8.8	(2.5)	2.9	(2.5)
	Chinese Taipei	19.7	(0.8)	28.6	(1.4)	**-8.8**	(1.8)	32.9	(0.8)	39.2	(1.5)	**-6.3**	(1.8)
	Thailand	26.5	(1.0)	28.4	(1.5)	-1.9	(1.8)	39.4	(1.4)	37.2	(1.9)	2.2	(2.3)
	Tunisia	32.7	(1.1)	43.2	(14.6)	-10.5	(14.7)	30.3	(0.9)	34.7	(10.1)	-4.3	(10.1)
	Uruguay	9.1	(0.6)	8.6	(1.2)	0.5	(1.3)	8.7	(0.6)	8.6	(1.0)	0.2	(1.2)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.18 [Part 6/6] Percentage of students by different types of out-of-school-time lessons, by public and private schools

		Proportion of students participating in out-of-school lessons with school teachers								
		At least one of these types of out-of-school lessons								
		Public schools		Private schools		Difference (public-private)		If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS		
								Difference (public-private)	Increase in the logit of participating in out-of-school-time lessons by being in a public school	
		%	S.E.	%	S.E.	Dif.	S.E.	Dif. in %	Logistic regression coefficient	S.E.
OECD	Australia	w	w	w	w	w	w	w	w	w
	Austria	23.6	(1.1)	20.9	(3.7)	2.7	(3.8)	2.2	0.12	(0.21)
	Belgium	w	w	w	w	w	w	w	w	w
	Canada	20.8	(0.6)	26.2	(2.4)	**-5.4**	(2.5)	**-10.0**	**-0.53**	(0.14)
	Czech Republic	23.2	(1.0)	22.2	(4.8)	1.0	(4.7)	-2.1	-0.12	(0.27)
	Denmark	12.6	(0.8)	16.9	(1.3)	**-4.3**	(1.5)	**-5.9**	**-0.47**	(0.12)
	Finland	18.2	(0.7)	17.7	(3.4)	0.5	(3.5)	-1.1	-0.07	(0.21)
	France	w	w	w	w	w	w	w	w	w
	Germany	17.1	(0.7)	20.7	(4.3)	-3.7	(4.6)	-8.0	-0.50	(0.32)
	Greece	22.6	(1.1)	13.3	(2.8)	**9.3**	(3.0)	-2.5	-0.15	(0.30)
	Hungary	28.4	(1.1)	32.6	(3.6)	-4.2	(3.7)	-5.7	-0.27	(0.18)
	Iceland	27.1	(0.8)	31.7	(6.4)	-4.6	(6.7)	-3.4	-0.17	(0.30)
	Ireland	22.7	(1.6)	13.2	(0.8)	**9.4**	(1.7)	**5.5**	**0.40**	(0.11)
	Italy	46.0	(0.9)	41.1	(2.9)	4.9	(3.2)	5.5	0.22	(0.13)
	Japan	33.1	(1.4)	39.1	(2.3)	**-6.0**	(2.7)	-10.2	-0.44	(0.12)
	Korea	48.2	(1.6)	52.9	(1.8)	**-4.7**	(2.3)	**-4.8**	**-0.19**	(0.09)
	Luxembourg	23.8	(0.7)	34.4	(2.0)	**-10.6**	(2.2)	**-10.0**	**-0.50**	(0.10)
	Mexico	35.5	(1.0)	21.8	(2.1)	**13.7**	(2.5)	-4.9	-0.22	(0.17)
	Netherlands	14.8	(1.6)	15.9	(1.1)	-1.1	(2.0)	-1.0	-0.08	(0.16)
	New Zealand	17.3	(1.0)	24.2	(3.8)	-6.9	(3.9)	**-14.1**	**-0.79**	(0.28)
	Norway	24.3	(0.8)	8.3	(4.7)	**15.9**	(4.8)	14.9	1.15	(0.71)
	Poland	41.4	(1.0)	31.3	(4.5)	**10.1**	(4.4)	-2.4	-0.10	(0.21)
	Portugal	48.9	(1.3)	37.7	(5.2)	**11.2**	(5.4)	6.5	0.26	(0.25)
	Slovak Republic	38.9	(1.5)	36.1	(8.8)	2.7	(9.1)	-0.8	-0.03	(0.40)
	Spain	19.2	(0.8)	17.5	(0.8)	1.7	(1.1)	-2.1	-0.14	(0.08)
	Sweden	26.6	(0.8)	24.1	(2.9)	2.5	(2.8)	-3.1	-0.16	(0.19)
	Switzerland	22.6	(0.7)	22.8	(2.0)	-0.2	(2.2)	**-6.6**	**-0.36**	(0.15)
	Turkey	19.6	(1.0)	29.1	(1.1)	**-9.6**	(1.4)	**-17.0**	**-0.87**	(0.12)
	United Kingdom	32.0	(0.9)	24.2	(2.9)	**7.8**	(2.9)	-3.0	-0.14	(0.21)
	United States	32.9	(1.3)	25.7	(3.5)	**7.2**	(3.6)	-4.7	-0.21	(0.21)
	OECD average	27.0	(0.2)	25.5	(0.7)	**1.5**	(0.7)	**-3.1**	**-0.16**	(0.05)
Partners	Argentina	24.7	(1.5)	12.1	(1.9)	**12.6**	(2.3)	6.1	-0.41	(0.23)
	Azerbaijan	67.7	(1.4)	62.8	(7.4)	4.9	(7.3)	7.8	0.34	(0.40)
	Brazil	34.3	(1.0)	34.7	(2.3)	-0.4	(2.4)	**-14.9**	**-0.63**	(0.17)
	Bulgaria	c	c	c	c	c	c	c	c	c
	Chile	29.5	(1.4)	25.6	(1.5)	3.9	(2.1)	-0.3	-0.02	(0.11)
	Colombia	31.0	(1.5)	20.1	(2.6)	**10.9**	(3.0)	-1.8	-0.09	(0.27)
	Croatia	21.4	(0.8)	48.7	(0.1)	**-27.2**	(0.8)	**-45.0**	**-2.00**	(0.13)
	Estonia	32.4	(1.1)	15.9	(6.1)	**16.6**	(6.3)	10.2	0.53	(0.35)
	Hong Kong-China	47.9	(5.6)	48.7	(1.3)	-0.8	(5.8)	4.2	0.17	(0.20)
	Indonesia	52.5	(3.6)	50.7	(3.8)	1.7	(4.0)	7.5	0.30	(0.17)
	Israel	36.5	(1.4)	32.5	(2.3)	4.0	(3.0)	2.4	0.10	(0.12)
	Jordan	56.5	(1.2)	57.4	(3.2)	-0.9	(3.4)	**-8.7**	**-0.36**	(0.12)
	Kyrgyzstan	78.8	(1.2)	58.0	(11.1)	20.8	(11.2)	-5.2	-0.36	(0.46)
	Latvia	50.5	(1.3)	a	a	a	a	a	a	a
	Liechtenstein	17.0	(1.9)	c	c	c	c	c	c	c
	Lithuania	34.6	(1.0)	c	c	c	c	c	c	c
	Macao-China	57.6	(3.4)	46.3	(0.8)	**11.3**	(3.3)	5.5	0.22	(0.15)
	Montenegro	34.3	(0.8)	c	c	c	c	c	c	c
	Qatar	46.1	(0.6)	38.9	(1.6)	**7.2**	(1.8)	-1.8	-0.07	(0.08)
	Romania	40.1	(1.6)	a	a	a	a	a	a	a
	Russian Federation	57.6	(1.3)	a	a	a	a	a	a	a
	Serbia	23.6	(0.9)	c	c	c	c	c	c	c
	Slovenia	20.2	(0.5)	17.4	(3.9)	2.8	(3.8)	-3.8	-0.23	(0.29)
	Chinese Taipei	41.7	(1.1)	51.3	(1.7)	**-9.7**	(2.1)	**-9.5**	**-0.39**	(0.07)
	Thailand	47.9	(1.3)	44.8	(1.9)	3.1	(2.3)	4.2	0.17	(0.09)
	Tunisia	54.0	(1.2)	58.8	(13.8)	-4.8	(13.9)	-6.3	-0.26	(0.56)
	Uruguay	17.4	(1.0)	16.0	(1.6)	1.5	(1.8)	**-8.1**	**-0.51**	(0.24)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.19 [Part 1/5] Percentage of students by different types of out-of-school-time lessons, by academic and vocational orientation of schools

		Proportion of students participating in out-of-school-time lessons					
		Academic schools		Vocational schools		Difference (academic-vocational)	
		%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	31.4	(0.6)	30.0	(1.7)	**1.3**	(1.7)
	Austria	44.2	(2.3)	33.0	(1.3)	**11.3**	(2.6)
	Belgium	33.5	(1.0)	26.9	(0.9)	**6.5**	(1.5)
	Canada	35.8	(0.7)	a	a	a	a
	Czech Republic	40.7	(1.1)	32.4	(1.7)	**8.3**	(2.0)
	Denmark	20.6	(0.8)	a	a	a	a
	Finland	23.5	(0.7)	a	a	a	a
	France	43.2	(0.9)	27.0	(1.6)	**16.3**	(1.8)
	Germany	37.3	(0.8)	24.8	(8.1)	12.5	(8.3)
	Greece	80.1	(1.0)	52.4	(2.8)	**27.7**	(3.2)
	Hungary	64.5	(1.5)	46.5	(1.6)	**18.0**	(2.2)
	Iceland	40.4	(0.8)	c	c	c	c
	Ireland	38.1	(0.9)	38.3	(6.4)	-0.2	(6.3)
	Italy	70.0	(1.0)	63.6	(0.8)	**6.4**	(1.3)
	Japan	46.5	(1.6)	43.0	(2.3)	3.5	(2.8)
	Korea	85.2	(0.8)	58.8	(2.8)	**26.4**	(2.9)
	Luxembourg	44.8	(0.7)	37.4	(1.8)	**7.4**	(2.0)
	Mexico	50.7	(1.2)	41.3	(0.9)	**9.4**	(1.6)
	Netherlands	21.7	(0.9)	23.1	(1.4)	-1.4	(1.6)
	New Zealand	33.7	(0.9)	a	a	a	a
	Norway	27.3	(0.8)	a	a	a	a
	Poland	56.2	(1.0)	a	a	a	a
	Portugal	70.0	(1.1)	60.9	(2.8)	**9.1**	(3.0)
	Slovak Republic	68.7	(1.5)	39.1	(1.5)	**29.6**	(2.2)
	Spain	53.8	(0.7)	a	a	a	a
	Sweden	32.1	(0.8)	c	c	c	c
	Switzerland	40.6	(0.7)	31.8	(3.9)	**8.8**	(4.0)
	Turkey	42.5	(1.7)	28.8	(1.4)	**13.7**	(2.2)
	United Kingdom	45.5	(0.9)	a	a	a	a
	United States	42.3	(1.2)	a	a	a	a
	OECD average	45.5	(0.2)	38.9	(0.7)	**11.3**	(0.8)
Partners	Argentina	48.3	(1.2)	59.2	(5.5)	-10.9	(5.6)
	Azerbaijan	79.4	(1.2)	84.8	(5.3)	-5.4	(5.4)
	Brazil	48.4	(0.9)	a	a	a	a
	Bulgaria	56.1	(1.7)	52.2	(1.8)	3.9	(2.2)
	Chile	38.6	(1.2)	26.0	(4.2)	**12.6**	(4.3)
	Colombia	51.5	(1.2)	48.1	(2.9)	3.4	(2.9)
	Croatia	49.2	(1.8)	44.0	(1.0)	**5.2**	(2.0)
	Estonia	46.0	(0.9)	a	a	a	a
	Hong Kong-China	76.0	(0.9)	67.1	(4.4)	**8.9**	(4.5)
	Indonesia	72.3	(1.4)	34.2	(2.3)	**38.1**	(2.6)
	Israel	64.5	(1.1)	64.3	(2.6)	0.2	(2.7)
	Jordan	72.6	(0.9)	a	a	a	a
	Kyrgyzstan	85.3	(1.0)	80.4	(5.9)	4.9	(5.8)
	Latvia	71.5	(1.1)	70.4	(3.7)	1.2	(3.6)
	Liechtenstein	27.8	(2.4)	a	a	a	a
	Lithuania	48.8	(1.1)	c	c	c	c
	Macao-China	62.4	(0.8)	54.4	(5.7)	8.0	(5.7)
	Montenegro	61.6	(1.3)	62.3	(0.9)	-0.7	(1.7)
	Qatar	63.6	(0.5)	a	a	a	a
	Romania	52.9	(1.5)	69.5	(1.7)	**-16.6**	(2.3)
	Russian Federation	71.8	(1.5)	54.2	(2.8)	**17.6**	(3.0)
	Serbia	58.6	(2.2)	52.2	(1.1)	**6.4**	(2.4)
	Slovenia	44.1	(1.1)	39.2	(0.9)	**4.9**	(1.6)
	Chinese Taipei	79.1	(0.5)	67.5	(1.0)	**11.6**	(1.1)
	Thailand	65.8	(1.2)	50.3	(3.6)	**15.5**	(3.7)
	Tunisia	70.4	(1.0)	a	a	a	a
	Uruguay	45.5	(1.1)	37.7	(4.2)	7.9	(4.3)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.19 [Part 2/5] Percentage of students by different types of out-of-school-time lessons, by academic and vocational orientation of schools

		Proportion of students participating in out-of-school lessons with non-school teachers															
		One-to-one lessons									Small group lessons						
		Academic schools		Vocational schools		Difference (academic-vocational)		If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS			Academic schools		Vocational schools		Difference (academic-vocational)	
								Difference (academic-vocational)	Increase in the logit of participating in out-of-school-time lessons by being in an academic school								
		%	S.E.	%	S.E.	Dif.	S.E.	Dif. in %	Logistic regression coefficient	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	17.1	(0.4)	12.4	(0.9)	**4.7**	(1.0)	**3.1**	**0.25**	(0.09)	7.9	(0.4)	10.1	(0.9)	**-2.2**	(1.0)
	Austria	23.9	(1.4)	13.7	(0.8)	**10.2**	(1.5)	**6.1**	**0.43**	(0.14)	9.8	(1.2)	6.9	(0.5)	**2.9**	(1.3)
	Belgium	22.5	(0.9)	12.6	(0.7)	**9.9**	(1.1)	**7.5**	**0.54**	(0.09)	7.4	(0.5)	7.4	(0.6)	0.1	(0.7)
	Canada	16.5	(0.5)	a	a	a	a	a	a	a	8.5	(0.4)	a	a	a	a
	Czech Republic	17.5	(0.9)	13.5	(1.1)	**4.0**	(1.5)	2.2	0.18	(0.12)	8.6	(0.7)	6.9	(0.8)	1.7	(1.1)
	Denmark	5.4	(0.4)	a	a	a	a	a	a	a	4.6	(0.4)	a	a	a	a
	Finland	5.3	(0.3)	a	a	a	a	a	a	a	2.4	(0.2)	a	a	a	a
	France	23.8	(1.0)	9.1	(1.8)	**14.7**	(1.9)	**11.3**	**0.83**	(0.22)	9.6	(0.6)	5.0	(1.2)	**4.6**	(1.3)
	Germany	21.7	(0.6)	13.0	(5.1)	8.6	(5.2)	7.4	0.52	(0.45)	7.5	(0.4)	1.5	(1.4)	**5.9**	(1.5)
	Greece	48.1	(1.3)	23.5	(1.6)	**24.7**	(2.0)	**17.8**	**0.77**	(0.12)	49.3	(1.4)	24.2	(2.1)	**25.1**	(2.6)
	Hungary	39.3	(1.6)	27.3	(1.3)	**12.0**	(2.0)	1.3	0.06	(0.10)	12.6	(0.9)	9.4	(0.9)	**3.2**	(1.3)
	Iceland	14.7	(0.6)	c	c	c	c	c	c	c	6.7	(0.5)	c	c	c	c
	Ireland	21.5	(0.7)	18.2	(5.4)	3.3	(5.5)	-0.5	-0.03	(0.40)	9.7	(0.5)	12.5	(3.5)	-2.8	(3.6)
	Italy	44.1	(0.8)	31.7	(0.8)	**12.4**	(1.1)	1.2	0.05	(0.07)	13.4	(0.5)	14.7	(0.7)	-1.3	(0.9)
	Japan	10.9	(0.8)	5.0	(0.7)	**5.9**	(1.1)	**3.1**	**0.44**	(0.19)	9.8	(0.7)	4.2	(0.7)	**5.7**	(1.0)
	Korea	35.2	(0.9)	18.1	(1.7)	**17.0**	(1.9)	**10.8**	**0.55**	(0.13)	35.9	(1.1)	15.6	(1.2)	**20.2**	(1.6)
	Luxembourg	23.5	(0.7)	20.8	(1.8)	2.7	(1.9)	2.3	0.14	(0.11)	7.5	(0.5)	4.4	(0.9)	**3.0**	(1.0)
	Mexico	19.0	(0.9)	15.6	(0.6)	**3.4**	(1.2)	**3.3**	0.24	(0.08)	17.1	(0.9)	14.2	(0.8)	**3.0**	(1.3)
	Netherlands	7.8	(0.5)	6.4	(0.8)	1.4	(0.9)	-0.9	-0.14	(0.16)	2.6	(0.4)	5.9	(0.9)	**-3.3**	(1.0)
	New Zealand	17.2	(0.6)	a	a	a	a	a	a	a	9.9	(0.5)	a	a	a	a
	Norway	5.3	(0.4)	a	a	a	a	a	a	a	4.9	(0.4)	a	a	a	a
	Poland	19.3	(0.8)	a	a	a	a	a	a	a	10.7	(0.6)	a	a	a	a
	Portugal	27.2	(1.0)	23.1	(2.2)	4.1	(2.5)	3.9	0.21	(0.14)	14.7	(0.8)	14.1	(1.7)	0.6	(1.8)
	Slovak Republic	28.8	(1.5)	21.3	(1.2)	**7.5**	(1.9)	**3.4**	**0.19**	(0.09)	12.1	(0.8)	10.0	(0.8)	2.1	(1.2)
	Spain	28.6	(0.8)	a	a	a	a	a	a	a	26.1	(0.7)	a	a	a	a
	Sweden	7.5	(0.5)	c	c	c	c	c	c	c	5.8	(0.4)	c	c	c	c
	Switzerland	20.0	(0.5)	18.3	(2.7)	1.7	(2.7)	1.1	0.07	(0.16)	6.2	(0.4)	8.0	(2.3)	-1.8	(2.3)
	Turkey	16.4	(1.0)	9.2	(0.8)	**7.2**	(1.2)	**4.7**	**0.45**	(0.13)	12.8	(0.8)	8.3	(0.8)	**4.6**	(1.1)
	United Kingdom	17.4	(0.5)	a	a	a	a	a	a	a	7.5	(0.5)	a	a	a	a
	United States	17.4	(0.8)	a	a	a	a	a	a	a	12.5	(0.9)	a	a	a	a
	OECD average	20.8	(0.2)	16.5	(0.5)	8.2	(0.5)	**4.6**	**0.30**	(0.04)	11.8	(0.1)	9.6	(0.3)	**3.8**	(0.4)
Partners	Argentina	31.2	(1.3)	31.8	(6.3)	-0.6	(6.4)	-4.0	-0.18	(0.25)	19.1	(0.9)	22.7	(4.8)	-3.6	(5.0)
	Azerbaijan	30.5	(1.1)	51.4	(9.6)	**-21.0**	(9.6)	**-26.5**	**-1.11**	(0.45)	40.7	(1.1)	55.6	(10.9)	-15.0	(11.1)
	Brazil	19.7	(0.6)	a	a	a	a	a	a	a	17.9	(0.5)	a	a	a	a
	Bulgaria	26.9	(1.3)	26.8	(1.2)	0.1	(1.7)	-2.3	-0.12	(0.09)	16.9	(1.2)	18.3	(1.6)	-1.4	(2.0)
	Chile	13.5	(0.8)	5.4	(2.0)	**8.1**	(2.0)	6.0	0.75	(0.41)	9.5	(0.5)	5.9	(2.3)	3.5	(2.3)
	Colombia	26.4	(0.9)	20.6	(2.1)	**5.8**	(2.5)	**6.3**	**0.36**	(0.16)	18.4	(0.8)	15.0	(1.9)	3.4	(2.0)
	Croatia	34.0	(1.7)	25.5	(0.9)	**8.5**	(1.8)	-1.0	-0.05	(0.12)	7.3	(0.7)	10.7	(0.7)	**-3.4**	(0.9)
	Estonia	17.3	(0.7)	a	a	a	a	a	a	a	8.1	(0.5)	a	a	a	a
	Hong Kong-China	24.6	(1.4)	17.5	(2.5)	**7.2**	(2.9)	-0.9	-0.05	(0.19)	18.3	(0.8)	12.2	(2.0)	**6.0**	(2.1)
	Indonesia	18.7	(0.7)	11.3	(1.7)	**7.4**	(1.8)	**7.1**	**0.60**	(0.19)	20.5	(0.9)	14.3	(1.0)	**6.2**	(1.4)
	Israel	42.8	(1.2)	39.2	(3.0)	3.6	(3.4)	-0.1	-0.00	(0.12)	19.8	(0.9)	22.4	(1.8)	-2.6	(2.0)
	Jordan	34.4	(0.8)	a	a	a	a	a	a	a	25.2	(0.8)	a	a	a	a
	Kyrgyzstan	26.1	(0.8)	41.1	(9.6)	-14.9	(9.5)	-11.8	-0.55	(0.36)	26.8	(0.9)	34.6	(7.1)	-7.8	(7.1)
	Latvia	32.2	(1.2)	34.0	(4.4)	-1.8	(4.4)	2.1	0.10	(0.20)	14.0	(0.5)	16.0	(3.9)	-2.0	(4.0)
	Liechtenstein	14.0	(1.8)	a	a	a	a	a	a	a	2.8	(1.0)	a	a	a	a
	Lithuania	17.8	(0.8)	c	c	c	c	c	c	c	7.0	(0.4)	c	c	c	c
	Macao-China	22.0	(0.7)	0.00	(2.6)	**11.7**	(2.7)	**10.5**	**0.78**	(0.30)	20.6	(0.7)	18.2	(3.8)	2.5	(3.9)
	Montenegro	42.6	(1.5)	35.0	(1.0)	**7.6**	(1.9)	**-4.7**	**-0.20**	(0.10)	16.7	(0.9)	22.6	(0.9)	**-5.9**	(1.3)
	Qatar	36.2	(0.7)	a	a	a	a	a	a	a	25.4	(0.6)	a	a	a	a
	Romania	26.6	(1.5)	32.1	(2.7)	-5.5	(3.1)	**-10.8**	**-0.51**	(0.16)	16.8	(0.9)	29.4	(3.1)	**-12.6**	(3.2)
	Russian Federation	22.9	(0.9)	13.6	(1.6)	**9.3**	(1.8)	**8.2**	**0.57**	(0.15)	13.1	(0.9)	9.0	(1.1)	**4.1**	(1.3)
	Serbia	46.0	(2.3)	35.8	(1.2)	**10.2**	(2.6)	-3.1	-0.13	(0.14)	13.1	(1.3)	12.8	(0.6)	0.3	(1.4)
	Slovenia	28.6	(1.0)	24.9	(0.9)	**3.8**	(1.4)	0.3	0.02	(0.10)	5.6	(0.7)	7.5	(0.4)	**-1.9**	(0.8)
	Chinese Taipei	24.6	(0.7)	22.1	(0.8)	**2.4**	(1.1)	1.4	0.08	(0.08)	23.7	(0.6)	23.5	(0.9)	0.2	(1.0)
	Thailand	20.5	(0.8)	20.3	(2.6)	0.2	(2.7)	-0.1	-0.01	(0.16)	24.2	(0.9)	23.2	(2.6)	1.0	(2.7)
	Tunisia	30.8	(1.4)	a	a	a	a	a	a	a	28.3	(1.1)	a	a	a	a
	Uruguay	31.2	(0.8)	13.4	(1.6)	**17.8**	(1.8)	**15.6**	**0.94**	(0.17)	21.9	(0.8)	14.4	(2.5)	**7.6**	(2.6)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.19 [Part 3/5] Percentage of students by different types of out-of-school-time lessons, by academic and vocational orientation of schools

		Proportion of students participating in out-of-school lessons with non-school teachers														
		Large group lessons						At least one of these types of out-of-school lessons						If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS		
		Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)		Difference (academic-vocational)	Increase in the logit of participating in out-of-school-time lessons by being in an academic school	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	Dif. in %	Logistic regression coefficient	S.E.
OECD	Australia	6.9	(0.3)	10.1	(1.0)	**-3.2**	(1.1)	23.5	(0.6)	20.2	(1.2)	**3.2**	(1.2)	1.5	0.09	(0.08)
	Austria	3.4	(0.8)	7.3	(0.5)	**-3.9**	(0.9)	31.3	(1.9)	21.2	(0.8)	**10.1**	(1.9)	**10.0**	**0.52**	(0.15)
	Belgium	3.0	(0.3)	5.8	(0.6)	**-2.8**	(0.6)	26.4	(0.9)	18.1	(0.8)	**8.3**	(1.2)	**7.1**	**0.42**	(0.08)
	Canada	7.1	(0.3)	a	a	a	a	22.8	(0.6)	a	a	a	a	a	a	a
	Czech Republic	6.1	(0.6)	5.1	(0.9)	1.0	(1.0)	23.7	(1.0)	19.1	(1.4)	**4.6**	(1.8)	2.9	0.18	(0.11)
	Denmark	3.9	(0.4)	a	a	a	a	10.4	(0.6)	a	a	a	a	a	a	a
	Finland	3.7	(0.3)	a	a	a	a	8.5	(0.4)	a	a	a	a	a	a	a
	France	5.2	(0.5)	2.5	(0.7)	**2.6**	(0.9)	27.9	(1.1)	12.2	(2.1)	**15.7**	(2.2)	**12.8**	**0.80**	(0.20)
	Germany	3.9	(0.4)	0.0	(0.0)	**3.9**	(0.4)	27.6	(0.6)	14.6	(4.4)	**13.1**	(4.5)	**12.3**	**0.75**	(0.35)
	Greece	18.3	(1.0)	20.3	(2.4)	-2.0	(2.6)	75.3	(1.1)	41.0	(2.5)	**34.3**	(2.8)	**24.2**	**1.07**	(0.14)
	Hungary	10.6	(1.0)	7.4	(0.7)	**3.2**	(1.2)	45.6	(1.5)	32.8	(1.5)	**12.8**	(2.1)	**6.7**	**0.29**	(0.10)
	Iceland	5.1	(0.4)	c	c	c	c	19.8	(0.7)	c	c	c	c	c	c	c
	Ireland	6.6	(0.5)	9.0	(3.8)	-2.4	(3.9)	29.0	(0.8)	23.6	(5.3)	5.4	(5.3)	1.2	0.06	(0.33)
	Italy	7.1	(0.5)	10.5	(0.5)	**-3.4**	(0.7)	50.9	(0.9)	41.9	(0.9)	**9.0**	(1.2)	1.6	0.06	(0.07)
	Japan	8.5	(0.8)	7.3	(0.9)	1.2	(1.2)	22.9	(1.3)	11.9	(1.3)	**11.0**	(1.8)	3.9	0.27	(0.16)
	Korea	30.3	(1.0)	15.6	(1.2)	**14.7**	(1.6)	65.3	(1.1)	32.5	(2.2)	**32.8**	(2.5)	**15.3**	**0.62**	(0.13)
	Luxembourg	6.0	(0.4)	2.5	(0.6)	**3.5**	(0.7)	28.6	(0.7)	23.4	(2.0)	**5.2**	(2.1)	**5.5**	**0.29**	(0.11)
	Mexico	17.1	(0.9)	14.2	(0.5)	**2.9**	(1.1)	32.1	(1.2)	26.9	(0.8)	**5.2**	(1.6)	**5.2**	**0.25**	(0.08)
	Netherlands	2.6	(0.3)	6.3	(0.9)	**-3.8**	(1.0)	10.6	(0.6)	12.3	(1.3)	-1.7	(1.4)	-2.2	-0.22	(0.14)
	New Zealand	6.9	(0.4)	a	a	a	a	23.9	(0.7)	a	a	a	a	a	a	a
	Norway	5.0	(0.4)	a	a	a	a	9.9	(0.6)	a	a	a	a	a	a	a
	Poland	10.0	(0.4)	a	a	a	a	28.9	(0.9)	a	a	a	a	a	a	a
	Portugal	8.5	(0.6)	6.3	(1.5)	2.3	(1.5)	35.8	(1.2)	32.0	(2.6)	3.7	(3.0)	3.4	0.15	(0.14)
	Slovak Republic	9.0	(0.9)	5.3	(0.6)	**3.8**	(1.1)	33.8	(1.5)	24.5	(1.2)	**9.3**	(1.9)	**5.9**	**0.29**	(0.09)
	Spain	10.5	(0.5)	a	a	a	a	43.4	(0.8)	a	a	a	a	a	a	a
	Sweden	7.1	(0.4)	m	m	m	m	13.2	(0.6)	c	c	c	c	c	c	c
	Switzerland	4.9	(0.3)	3.3	(1.3)	1.6	(1.4)	24.8	(0.6)	22.7	(3.6)	2.1	(3.6)	1.7	0.10	(0.20)
	Turkey	17.9	(1.5)	10.9	(1.1)	**7.0**	(1.8)	31.7	(1.7)	19.0	(1.3)	**12.6**	(2.2)	**6.6**	**0.36**	(0.11)
	United Kingdom	7.4	(0.4)	a	a	a	a	24.1	(0.7)	a	a	a	a	a	a	a
	United States	11.6	(0.8)	a	a	a	a	25.2	(1.1)	a	a	a	a	a	a	a
	OECD average	8.5	(0.1)	7.9	(0.3)	**1.4**	(0.3)	29.2	(0.2)	23.7	(0.5)	**10.4**	(0.6)	**6.7**	**0.33**	(0.04)
Partners	Argentina	12.8	(0.8)	25.9	(7.1)	-13.1	(7.2)	39.7	(1.2)	47.6	(4.7)	-7.8	(5.0)	-10.4	-0.42	(0.25)
	Azerbaijan	38.9	(1.1)	40.8	(11.9)	-1.9	(11.9)	62.6	(1.0)	75.7	(8.1)	-13.1	(8.1)	-14.5	-0.70	(0.52)
	Brazil	15.4	(0.5)	a	a	a	a	33.1	(0.7)	a	a	a	a	a	a	a
	Bulgaria	15.1	(1.2)	18.8	(1.7)	-3.7	(2.0)	38.3	(1.5)	37.8	(1.4)	0.4	(2.0)	-1.0	-0.04	(0.09)
	Chile	8.3	(0.5)	9.5	(2.5)	-1.3	(2.4)	21.7	(0.9)	12.7	(2.4)	**8.9**	(2.3)	**7.8**	**0.56**	(0.21)
	Colombia	16.6	(0.8)	15.7	(1.8)	0.9	(2.0)	37.6	(1.0)	32.3	(1.7)	**5.3**	(2.1)	**6.2**	**0.28**	(0.09)
	Croatia	4.5	(0.6)	9.1	(0.6)	**-4.6**	(0.8)	38.9	(1.7)	32.1	(1.0)	**6.9**	(1.9)	-1.4	-0.06	(0.10)
	Estonia	7.3	(0.5)	a	a	a	a	23.4	(0.7)	a	a	a	a	a	a	a
	Hong Kong-China	30.8	(1.2)	20.0	(2.6)	**10.9**	(2.8)	53.4	(1.3)	34.7	(3.9)	**18.7**	(4.2)	6.9	0.27	(0.18)
	Indonesia	19.0	(0.8)	10.3	(1.2)	**8.7**	(1.3)	36.0	(1.0)	24.5	(2.1)	**11.5**	(2.4)	**11.9**	**0.58**	(0.11)
	Israel	14.7	(0.8)	18.5	(2.4)	-3.8	(2.4)	53.3	(1.4)	50.0	(2.9)	3.4	(3.2)	1.4	0.06	(0.12)
	Jordan	21.9	(0.8)	a	a	a	a	48.0	(0.9)	a	a	a	a	a	a	a
	Kyrgyzstan	31.7	(1.0)	34.5	(7.0)	-2.8	(7.1)	48.4	(1.0)	56.3	(8.7)	-7.9	(8.7)	-9.7	-0.39	(0.37)
	Latvia	17.3	(0.7)	10.9	(2.8)	**6.4**	(3.1)	42.3	(1.1)	42.7	(5.1)	-0.5	(5.1)	3.7	0.15	(0.21)
	Liechtenstein	2.4	(0.8)	a	a	a	a	16.1	(2.0)	a	a	a	a	a	a	a
	Lithuania	6.6	(0.5)	c	c	c	c	23.4	(0.8)	c	c	c	c	c	c	c
	Macao-China	19.5	(0.7)	11.6	(2.7)	**7.9**	(2.9)	39.3	(0.8)	24.3	(3.9)	**15.0**	(4.0)	**13.0**	**0.60**	(0.22)
	Montenegro	12.0	(0.9)	20.1	(0.8)	**-8.1**	(1.2)	49.0	(1.4)	46.7	(0.9)	2.2	(1.7)	**-7.5**	**-0.30**	(0.10)
	Qatar	22.8	(0.5)	a	a	a	a	48.5	(0.7)	a	a	a	a	a	a	a
	Romania	10.8	(1.0)	30.8	(2.0)	**-20.1**	(2.2)	35.2	(1.3)	49.2	(2.4)	**-13.9**	(2.7)	**-16.0**	**-0.66**	(0.13)
	Russian Federation	13.1	(0.7)	10.5	(1.5)	2.6	(1.6)	32.8	(1.2)	21.5	(2.3)	**11.3**	(2.7)	**10.4**	**0.53**	(0.16)
	Serbia	4.3	(0.7)	10.3	(0.7)	**-6.1**	(0.9)	50.0	(2.4)	40.9	(1.1)	**9.1**	(2.6)	-1.9	-0.08	(0.13)
	Slovenia	3.0	(0.3)	7.1	(0.4)	**-4.1**	(0.6)	32.9	(1.1)	29.6	(0.9)	**3.3**	(1.5)	2.5	0.12	(0.09)
	Chinese Taipei	46.5	(1.2)	29.1	(1.0)	**17.4**	(1.5)	64.2	(0.8)	43.6	(0.9)	**20.6**	(1.2)	**15.0**	**0.61**	(0.05)
	Thailand	32.0	(1.3)	27.0	(2.6)	5.0	(2.9)	45.5	(1.3)	36.9	(3.6)	**8.6**	(3.8)	**8.1**	**0.33**	(0.15)
	Tunisia	19.3	(0.9)	a	a	a	a	44.9	(1.4)	a	a	a	a	a	a	a
	Uruguay	11.9	(0.6)	13.1	(2.1)	-1.2	(2.2)	39.4	(1.0)	23.3	(2.1)	**16.1**	(2.3)	**13.8**	**0.65**	(0.14)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.19 [Part 4/5] Percentage of students by different types of out-of-school-time lessons, by academic and vocational orientation of schools

		Proportion of students participating in out-of-school lessons with school teachers															
		One-to-one lessons									Small group lessons						
		Academic schools		Vocational schools		Difference (academic-vocational)		If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS			Academic schools		Vocational schools		Difference (academic-vocational)	
								Difference (academic-vocational)	Increase in the logit of participating in out-of-school-time lessons by being in an academic school								
		%	S.E.	%	S.E.	Dif.	S.E.	Dif. in %	Logistic regression coefficient	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	6.4	(0.3)	9.8	(1.1)	**-3.5**	(1.1)	**-3.2**	**-0.44**	(0.13)	6.8	(0.4)	11.1	(1.3)	**-4.3**	(1.3)
	Austria	4.7	(0.9)	5.7	(0.5)	-1.0	(1.0)	1.9	0.38	(0.22)	13.4	(1.4)	13.0	(0.9)	0.4	(1.6)
	Belgium	6.6	(0.5)	8.0	(0.7)	-1.4	(0.9)	-0.2	-0.02	(0.15)	7.3	(0.6)	8.5	(0.7)	-1.2	(1.0)
	Canada	12.3	(0.4)	a	a	a	a	a	a	a	10.5	(0.4)	a	a	a	a
	Czech Republic	15.0	(0.9)	13.2	(1.2)	1.8	(1.5)	**3.6**	**0.31**	(0.12)	12.2	(0.8)	9.1	(1.1)	**3.1**	(1.4)
	Denmark	5.3	(0.4)	a	a	a	a	a	a	a	8.0	(0.5)	a	a	a	a
	Finland	8.1	(0.5)	a	a	a	a	a	a	a	9.4	(0.5)	a	a	a	a
	France	7.2	(0.6)	5.4	(1.0)	1.8	(1.2)	**2.6**	**0.51**	(0.24)	18.3	(0.8)	14.3	(1.2)	**4.0**	(1.3)
	Germany	5.9	(0.5)	1.5	(1.1)	**4.5**	(1.3)	4.5	1.62	(0.98)	7.8	(0.6)	6.2	(1.8)	1.5	(1.9)
	Greece	10.1	(0.7)	24.5	(3.1)	**-14.4**	(3.2)	**-10.9**	**-0.86**	(0.20)	13.8	(0.9)	20.9	(2.3)	**-7.1**	(2.5)
	Hungary	18.0	(1.2)	12.1	(0.9)	**5.9**	(1.6)	**7.8**	**0.62**	(0.13)	15.5	(1.1)	10.7	(1.0)	**4.8**	(1.4)
	Iceland	10.4	(0.5)	c	c	c	c	c	c	c	14.5	(0.6)	c	c	c	c
	Ireland	7.0	(0.5)	11.2	(4.6)	-4.3	(4.6)	-2.7	-0.38	(0.51)	8.9	(0.6)	13.3	(4.3)	-4.4	(4.4)
	Italy	a	a	a	a	a	a	a	a	a	35.5	(1.2)	37.0	(1.1)	-1.4	(1.6)
	Japan	3.4	(0.3)	4.7	(0.6)	**-1.3**	(0.7)	-0.2	-0.05	(0.22)	5.6	(0.3)	9.7	(1.0)	**-4.1**	(1.1)
	Korea	9.3	(0.5)	10.2	(1.1)	-0.9	(1.2)	-0.8	-0.09	(0.17)	16.6	(0.8)	17.0	(1.0)	-0.4	(1.3)
	Luxembourg	14.3	(0.5)	10.6	(1.4)	**3.7**	(1.5)	**4.7**	**0.45**	(0.17)	15.0	(0.6)	12.0	(1.3)	**3.0**	(1.4)
	Mexico	19.5	(1.1)	12.8	(0.5)	**6.7**	(1.3)	**5.6**	**0.44**	(0.08)	19.7	(0.9)	13.2	(0.6)	**6.6**	(1.1)
	Netherlands	6.4	(0.6)	10.2	(0.9)	**-3.8**	(1.1)	-1.5	-0.22	(0.17)	7.5	(0.6)	11.5	(0.9)	**-3.9**	(1.0)
	New Zealand	9.1	(0.8)	a	a	a	a	a	a	a	9.7	(0.6)	a	a	a	a
	Norway	8.5	(0.5)	a	a	a	a	a	a	a	11.9	(0.6)	a	a	a	a
	Poland	14.7	(0.6)	a	a	a	a	a	a	a	23.1	(0.8)	a	a	a	a
	Portugal	22.8	(1.0)	16.7	(2.0)	**6.0**	(2.2)	**5.5**	**0.36**	(0.16)	32.8	(1.2)	25.9	(2.3)	**6.9**	(2.5)
	Slovak Republic	41.9	(2.0)	15.4	(1.0)	**26.6**	(2.2)	**31.7**	**1.67**	(0.14)	23.2	(1.4)	11.4	(0.9)	**11.8**	(1.6)
	Spain	8.5	(0.5)	a	a	a	a	a	a	a	10.8	(0.4)	a	a	a	a
	Sweden	8.8	(0.6)	c	c	c	c	c	c	c	14.3	(0.6)	c	c	c	c
	Switzerland	7.0	(0.3)	3.5	(1.4)	**3.5**	(1.4)	3.5	0.74	(0.44)	10.6	(0.4)	3.3	(0.9)	**7.3**	(0.9)
	Turkey	7.6	(0.9)	7.7	(0.6)	-0.1	(1.1)	1.0	0.15	(0.20)	9.4	(0.8)	9.2	(0.8)	0.1	(1.1)
	United Kingdom	11.3	(0.4)	a	a	a	a	a	a	a	17.7	(0.6)	a	a	a	a
	United States	22.4	(1.0)	a	a	a	a	a	a	a	19.1	(0.9)	a	a	a	a
	OECD average	11.5	(0.1)	10.2	(0.4)	**1.7**	(0.4)	**2.3**	**0.29**	(0.08)	14.3	(0.1)	13.5	(0.4)	**1.2**	(0.4)
Partners	Argentina	10.6	(0.9)	12.1	(5.1)	-1.5	(5.1)	0.3	0.03	(0.52)	12.4	(1.0)	18.4	(5.8)	-6.0	(5.9)
	Azerbaijan	38.9	(1.3)	43.8	(8.7)	-4.9	(8.7)	-6.4	-0.26	(0.37)	37.1	(1.3)	47.9	(13.1)	-10.8	(13.1)
	Brazil	13.6	(0.6)	a	a	a	a	a	a	a	23.5	(0.8)	a	a	a	a
	Bulgaria	20.9	(1.9)	23.2	(2.1)	-2.3	(2.9)	0.0	0.00	(0.14)	17.2	(1.2)	21.5	(2.0)	-4.3	(2.4)
	Chile	8.4	(0.5)	2.7	(0.9)	**5.7**	(1.1)	**6.0**	**1.35**	(0.38)	16.3	(0.8)	13.5	(3.1)	2.7	(3.1)
	Colombia	15.8	(1.2)	11.2	(1.9)	**4.6**	(1.9)	3.9	0.35	(0.20)	21.1	(1.2)	15.0	(2.8)	**6.2**	(2.9)
	Croatia	9.0	(0.9)	14.8	(0.6)	**-5.9**	(1.0)	-0.6	-0.06	(0.18)	7.5	(1.1)	12.6	(0.7)	**-5.0**	(1.3)
	Estonia	18.4	(0.9)	a	a	a	a	a	a	a	13.7	(0.7)	a	a	a	a
	Hong Kong-China	5.5	(0.5)	11.1	(1.0)	**-5.6**	(1.1)	**-2.6**	**-0.42**	(0.18)	16.4	(0.9)	23.8	(1.6)	**-7.4**	(1.7)
	Indonesia	36.6	(1.8)	7.3	(1.4)	**29.3**	(1.9)	**28.0**	**1.96**	(0.16)	30.0	(1.3)	9.5	(2.8)	**20.5**	(2.5)
	Israel	19.7	(1.0)	25.8	(3.6)	-6.1	(3.8)	-3.8	-0.23	(0.19)	19.6	(0.9)	26.8	(2.8)	**-7.2**	(2.9)
	Jordan	27.4	(1.0)	a	a	a	a	a	a	a	31.7	(0.9)	a	a	a	a
	Kyrgyzstan	64.1	(1.1)	45.9	(6.4)	**18.3**	(6.2)	1.6	0.07	(0.22)	44.3	(1.1)	32.3	(7.3)	12.0	(7.2)
	Latvia	35.0	(1.2)	25.3	(4.0)	**9.7**	(4.4)	7.8	0.37	(0.25)	25.8	(1.1)	19.7	(3.1)	6.1	(3.3)
	Liechtenstein	5.8	(1.2)	a	a	a	a	a	a	a	7.9	(1.3)	a	a	a	a
	Lithuania	12.0	(0.6)	c	c	c	c	c	c	c	17.6	(0.8)	c	c	c	c
	Macao-China	14.2	(0.6)	20.1	(4.6)	-5.9	(4.6)	-3.7	-0.27	(0.31)	22.7	(0.7)	24.2	(4.2)	-1.5	(4.2)
	Montenegro	17.6	(1.0)	28.7	(0.7)	**-11.1**	(1.3)	**-4.9**	**-0.27**	(0.12)	11.4	(0.8)	20.8	(0.8)	**-9.4**	(1.1)
	Qatar	33.9	(0.6)	a	a	a	a	a	a	a	29.1	(0.5)	a	a	a	a
	Romania	22.2	(1.1)	42.2	(3.0)	**-19.9**	(3.3)	**-16.4**	**-0.78**	(0.18)	20.8	(1.2)	36.1	(2.1)	**-15.3**	(2.4)
	Russian Federation	31.5	(1.0)	26.1	(1.8)	**5.4**	(2.2)	**6.1**	**0.30**	(0.12)	33.0	(1.3)	22.3	(2.1)	**10.6**	(2.3)
	Serbia	6.8	(1.0)	11.6	(0.8)	**-4.8**	(1.2)	-2.5	-0.30	(0.21)	9.0	(1.2)	13.4	(0.8)	**-4.4**	(1.5)
	Slovenia	7.6	(0.7)	10.1	(0.4)	**-2.5**	(0.9)	2.2	0.28	(0.15)	9.1	(0.8)	8.7	(0.5)	0.4	(0.9)
	Chinese Taipei	11.4	(0.6)	19.8	(1.2)	**-8.4**	(1.4)	**-4.6**	**-0.38**	(0.11)	18.7	(0.7)	30.3	(1.4)	**-11.5**	(1.6)
	Thailand	20.9	(0.7)	21.9	(1.9)	-1.0	(2.1)	-0.8	-0.05	(0.12)	26.6	(0.9)	28.5	(2.9)	-2.0	(3.0)
	Tunisia	42.6	(1.3)	a	a	a	a	a	a	a	32.8	(1.2)	a	a	a	a
	Uruguay	9.1	(0.6)	13.2	(4.5)	-4.1	(4.6)	-3.9	-0.41	(0.44)	8.9	(0.6)	9.6	(1.8)	-0.7	(1.9)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.19 [Part 5/5] Percentage of students by different types of out-of-school-time lessons, by academic and vocational orientation of schools

		Proportion of students participating in out-of-school lessons with school teachers														
		Large group lessons						At least one of these types of out-of-school lessons								
		Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)		If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS		
														Difference (academic-vocational)	Increase in the logit of participating in out-of-school-time lessons by being in an academic school	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	Dif. in %	Logistic regression coefficient	S.E.
OECD	Australia	7.8	(0.3)	11.2	(1.0)	**-3.3**	(1.0)	13.6	(0.5)	18.4	(1.6)	**-4.8**	(1.6)	**-4.4**	**-0.34**	(0.11)
	Austria	17.5	(1.9)	14.9	(1.1)	2.6	(2.3)	26.1	(2.2)	22.2	(1.3)	3.9	(2.6)	**10.0**	**0.53**	(0.17)
	Belgium	4.3	(0.4)	8.0	(0.6)	**-3.6**	(0.8)	12.8	(0.7)	15.9	(0.9)	**-3.1**	(1.3)	-0.5	-0.04	(0.12)
	Canada	11.3	(0.4)	a	a	a	a	21.3	(0.6)	a	a	a	a	a	a	a
	Czech Republic	14.4	(0.8)	12.0	(1.4)	2.4	(1.6)	25.1	(1.1)	20.6	(1.9)	**4.4**	(2.2)	**7.3**	**0.42**	(0.14)
	Denmark	8.0	(0.5)	a	a	a	a	14.1	(0.7)	a	a	a	a	a	a	a
	Finland	12.1	(0.6)	a	a	a	a	18.2	(0.7)	a	a	a	a	a	a	a
	France	10.6	(0.6)	7.8	(1.3)	**2.8**	(1.3)	24.5	(0.9)	18.5	(1.7)	**6.0**	(1.9)	**6.6**	**0.40**	(0.13)
	Germany	10.4	(0.6)	7.0	(4.8)	3.4	(4.9)	17.8	(0.7)	12.7	(6.6)	5.1	(6.7)	7.1	0.60	(0.63)
	Greece	8.0	(0.6)	20.2	(2.6)	**-12.2**	(2.7)	19.9	(1.0)	35.8	(3.2)	**-16.0**	(3.3)	**-10.8**	**-0.58**	(0.16)
	Hungary	18.6	(1.4)	13.8	(0.9)	**4.8**	(1.6)	35.2	(1.9)	25.0	(1.3)	**10.2**	(2.3)	**14.0**	**0.67**	(0.12)
	Iceland	14.1	(0.6)	c	c	c	c	27.0	(0.7)	c	c	c	c	c	c	c
	Ireland	9.8	(0.6)	13.7	(4.6)	-3.9	(4.8)	16.9	(0.8)	22.3	(5.7)	-5.4	(5.9)	-2.4	-0.17	(0.36)
	Italy	26.2	(1.0)	25.5	(0.8)	0.7	(1.2)	45.3	(1.5)	46.1	(1.0)	-0.8	(1.8)	-3.9	-0.16	(0.09)
	Japan	29.2	(1.4)	34.4	(2.3)	-5.2	(2.6)	33.3	(1.4)	40.0	(2.2)	**-6.7**	(2.6)	-2.5	-0.11	(0.12)
	Korea	37.4	(1.5)	32.3	(2.4)	5.1	(2.8)	51.9	(1.3)	45.0	(2.7)	**6.9**	(3.0)	**9.3**	**0.37**	(0.16)
	Luxembourg	10.6	(0.5)	4.8	(0.8)	**5.8**	(0.9)	26.1	(0.6)	20.2	(1.7)	**5.9**	(1.8)	**7.7**	**0.45**	(0.11)
	Mexico	26.0	(1.1)	19.1	(0.7)	**7.0**	(1.3)	36.2	(1.2)	27.3	(0.9)	**8.9**	(1.5)	**8.2**	**0.38**	(0.07)
	Netherlands	6.7	(0.6)	8.4	(1.0)	-1.7	(1.1)	14.1	(1.0)	19.1	(1.2)	**-5.0**	(1.3)	-0.5	-0.03	(0.11)
	New Zealand	9.1	(0.6)	a	a	a	a	17.7	(0.9)	a	a	a	a	a	a	a
	Norway	17.2	(0.7)	a	a	a	a	23.8	(0.8)	a	a	a	a	a	a	a
	Poland	26.7	(0.9)	a	a	a	a	41.2	(1.0)	a	a	a	a	a	a	a
	Portugal	24.9	(1.2)	16.9	(2.1)	**8.0**	(2.3)	49.1	(1.4)	39.8	(2.9)	**9.3**	(3.1)	**8.8**	**0.36**	(0.14)
	Slovak Republic	34.3	(1.7)	10.5	(1.1)	**23.9**	(1.9)	51.9	(2.0)	21.4	(1.3)	**30.6**	(2.3)	**37.3**	**1.71**	(0.15)
	Spain	9.8	(0.5)	a	a	a	a	18.6	(0.6)	a	a	a	a	a	a	a
	Sweden	20.9	(0.7)	c	c	c	c	26.5	(0.8)	c	c	c	c	c	c	c
	Switzerland	14.6	(0.7)	6.8	(1.2)	**7.8**	(1.6)	23.3	(0.7)	11.4	(1.2)	**11.9**	(1.5)	**11.9**	**0.88**	(0.13)
	Turkey	13.3	(1.0)	12.0	(1.0)	1.3	(1.4)	20.3	(1.3)	19.0	(1.2)	1.3	(1.8)	**4.2**	**0.27**	(0.12)
	United Kingdom	19.5	(0.7)	a	a	a	a	31.8	(0.9)	a	a	a	a	a	a	a
	United States	18.1	(1.0)	a	a	a	a	32.4	(1.2)	a	a	a	a	a	a	a
	OECD average	16.4	(0.2)	14.7	(0.5)	**2.4**	(0.5)	27.2	(0.2)	25.3	(0.6)	**3.3**	(0.7)	**5.5**	**0.30**	(0.05)
Partners	Argentina	11.1	(1.0)	19.1	(9.7)	-8.0	(9.7)	19.9	(1.4)	31.0	(9.5)	-11.1	(9.6)	-6.7	-0.38	(0.45)
	Azerbaijan	48.5	(1.4)	42.9	(8.9)	5.6	(9.0)	67.6	(1.4)	71.0	(6.3)	-3.4	(6.4)	-4.1	-0.19	(0.34)
	Brazil	20.4	(0.7)	a	a	a	a	34.3	(0.9)	a	a	a	a	a	a	a
	Bulgaria	21.9	(1.6)	23.8	(1.9)	-1.8	(2.4)	34.5	(2.1)	35.3	(2.4)	-0.8	(3.2)	2.7	0.12	(0.12)
	Chile	17.9	(0.8)	10.5	(2.9)	**7.4**	(3.1)	27.5	(1.1)	17.6	(3.5)	**9.8**	(3.7)	**11.4**	**0.69**	(0.26)
	Colombia	19.8	(1.1)	17.2	(2.5)	2.6	(2.6)	30.1	(1.4)	25.8	(2.3)	4.3	(2.3)	3.2	0.16	(0.12)
	Croatia	6.3	(1.2)	14.2	(0.8)	**-7.9**	(1.4)	16.0	(1.7)	24.1	(0.9)	**-8.1**	(1.9)	-1.3	-0.08	(0.19)
	Estonia	18.6	(0.7)	a	a	a	a	32.1	(1.0)	a	a	a	a	a	a	a
	Hong Kong-China	41.7	(1.4)	46.0	(5.0)	-4.4	(5.3)	48.0	(1.4)	56.1	(4.4)	-8.0	(4.7)	1.8	0.07	(0.20)
	Indonesia	40.1	(1.7)	9.8	(1.4)	**30.3**	(1.9)	58.8	(1.9)	17.9	(3.5)	**41.0**	(3.4)	**41.4**	**1.90**	(0.17)
	Israel	19.1	(0.8)	25.3	(2.9)	**-6.2**	(3.1)	33.9	(1.1)	41.6	(3.5)	**-7.7**	(3.8)	-4.3	-0.19	(0.14)
	Jordan	40.9	(0.9)	a	a	a	a	56.6	(1.1)	a	a	a	a	a	a	a
	Kyrgyzstan	53.0	(1.2)	46.6	(4.9)	6.4	(4.9)	78.8	(1.1)	62.5	(7.7)	**16.3**	(7.5)	-0.6	-0.04	(0.33)
	Latvia	29.2	(1.2)	22.9	(3.9)	6.3	(4.0)	50.8	(1.3)	42.8	(5.3)	8.0	(5.5)	5.4	0.22	(0.24)
	Liechtenstein	10.6	(1.6)	a	a	a	a	16.7	(1.9)	a	a	a	a	a	a	a
	Lithuania	19.3	(0.8)	c	c	c	c	34.4	(1.0)	c	c	c	c	c	c	c
	Macao-China	34.9	(0.7)	38.7	(6.5)	-3.8	(6.5)	46.8	(0.8)	46.3	(5.6)	0.5	(5.6)	6.3	0.25	(0.23)
	Montenegro	13.6	(1.0)	25.6	(0.9)	**-12.1**	(1.3)	26.4	(1.3)	38.7	(0.9)	**-12.3**	(1.5)	-2.4	-0.11	(0.09)
	Qatar	29.5	(0.6)	a	a	a	a	45.3	(0.6)	a	a	a	a	a	a	a
	Romania	16.4	(1.5)	39.8	(1.9)	**-23.3**	(2.5)	34.4	(1.6)	58.6	(2.2)	**-24.2**	(2.7)	**-16.3**	**-0.67**	(0.16)
	Russian Federation	37.3	(1.4)	32.8	(2.8)	4.4	(2.8)	59.3	(1.4)	46.7	(2.6)	**12.6**	(2.8)	**13.7**	**0.55**	(0.12)
	Serbia	8.5	(1.2)	16.9	(1.0)	**-8.4**	(1.6)	18.4	(1.7)	25.6	(1.1)	**-7.2**	(2.1)	0.0	0.00	(0.15)
	Slovenia	9.6	(0.7)	13.7	(0.6)	**-4.2**	(0.9)	19.3	(1.0)	21.0	(0.7)	-1.8	(1.3)	**6.8**	**0.43**	(0.11)
	Chinese Taipei	31.4	(0.8)	41.8	(1.0)	**-10.3**	(1.2)	40.6	(1.0)	53.1	(1.4)	**-12.4**	(1.7)	**-5.2**	**-0.21**	(0.09)
	Thailand	39.8	(1.3)	34.8	(3.0)	4.9	(3.3)	48.6	(1.2)	40.4	(3.2)	**8.2**	(3.5)	**8.1**	**0.33**	(0.14)
	Tunisia	30.5	(0.9)	a	a	a	a	54.0	(1.2)	a	a	a	a	a	a	a
	Uruguay	8.3	(0.6)	11.4	(1.9)	-3.0	(2.0)	16.0	(0.8)	25.8	(4.9)	**-9.8**	(5.0)	-8.5	-0.54	(0.29)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.20 [Part 1/5] Percentage of students by different types of out-of-school-time lessons, by school location

		Proportion of students participating in out-of-school-time lessons					
		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)	
		%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	27.4	(1.1)	33.7	(0.8)	**-6.2**	(1.4)
	Austria	35.7	(1.4)	37.4	(2.2)	-1.7	(2.6)
	Belgium	29.0	(0.8)	34.5	(1.4)	**-5.4**	(1.7)
	Canada	33.5	(0.9)	38.8	(1.1)	**-5.3**	(1.3)
	Czech Republic	37.4	(1.1)	36.3	(2.0)	1.1	(2.3)
	Denmark	20.0	(0.8)	21.2	(3.1)	-1.2	(3.3)
	Finland	23.1	(0.7)	24.7	(1.6)	-1.6	(1.7)
	France	a	a	41.6	(0.9)	a	a
	Germany	36.0	(1.0)	40.0	(1.9)	-4.0	(2.4)
	Greece	77.1	(1.4)	75.9	(2.0)	1.2	(2.7)
	Hungary	53.4	(1.5)	55.5	(2.0)	-2.1	(2.7)
	Iceland	39.3	(1.0)	43.7	(1.2)	**-4.5**	(1.5)
	Ireland	37.8	(1.2)	39.5	(1.6)	-1.6	(2.1)
	Italy	65.4	(0.8)	69.2	(1.3)	**-3.8**	(1.6)
	Japan	43.1	(1.9)	47.0	(1.7)	-3.8	(2.4)
	Korea	70.6	(2.7)	80.7	(1.0)	**-10.1**	(3.0)
	Luxembourg	43.5	(0.7)	46.9	(2.6)	-3.3	(2.7)
	Mexico	52.0	(1.3)	43.4	(1.1)	**8.7**	(1.8)
	Netherlands	22.6	(1.0)	20.6	(1.2)	2.0	(1.5)
	New Zealand	29.7	(1.6)	37.2	(1.0)	**-7.5**	(2.0)
	Norway	27.1	(0.9)	30.1	(1.6)	-3.1	(1.8)
	Poland	55.1	(1.1)	59.5	(2.1)	-4.3	(2.4)
	Portugal	68.0	(1.2)	71.3	(2.7)	-3.3	(3.3)
	Slovak Republic	56.7	(1.3)	49.4	(4.7)	7.3	(5.2)
	Spain	54.7	(1.0)	52.5	(1.2)	2.2	(1.6)
	Sweden	31.7	(1.0)	33.1	(1.7)	-1.4	(2.0)
	Switzerland	39.3	(0.8)	43.2	(1.5)	**-3.9**	(1.7)
	Turkey	35.9	(1.7)	37.9	(1.7)	-2.0	(2.5)
	United Kingdom	43.8	(1.0)	48.9	(1.8)	**-5.1**	(1.9)
	United States	37.9	(1.1)	50.5	(2.7)	**-12.6**	(2.9)
	OECD average	42.3	(0.2)	44.8	(0.4)	**-2.6**	(0.4)
Partners	Argentina	49.6	(1.7)	47.2	(1.7)	2.4	(2.3)
	Azerbaijan	78.6	(1.4)	82.6	(1.5)	-4.1	(2.1)
	Brazil	49.1	(1.1)	47.4	(1.4)	1.7	(1.7)
	Bulgaria	54.9	(1.9)	52.7	(1.6)	2.3	(2.5)
	Chile	37.6	(2.0)	39.0	(1.4)	-1.4	(2.5)
	Colombia	54.0	(1.4)	47.6	(1.5)	**6.4**	(2.1)
	Croatia	44.7	(1.3)	46.8	(1.2)	-2.1	(1.7)
	Estonia	44.5	(1.2)	50.0	(1.6)	**-5.5**	(2.1)
	Hong Kong-China	a	a	75.4	(0.9)	a	a
	Indonesia	68.7	(1.9)	51.7	(5.1)	**17.0**	(5.1)
	Israel	63.8	(1.5)	64.8	(1.7)	-1.0	(2.4)
	Jordan	73.5	(1.1)	71.2	(1.5)	2.3	(1.8)
	Kyrgyzstan	87.1	(1.1)	75.2	(2.7)	**11.9**	(3.0)
	Latvia	72.8	(1.4)	68.7	(1.4)	**4.1**	(2.0)
	Liechtenstein	28.2	(2.4)	a	a	a	a
	Lithuania	48.0	(1.3)	50.1	(1.7)	-2.1	(2.1)
	Macao-China	65.3	(1.5)	61.7	(0.9)	3.6	(1.9)
	Montenegro	60.9	(0.8)	64.4	(1.4)	**-3.5**	(1.6)
	Qatar	63.9	(0.7)	61.5	(1.3)	2.4	(1.5)
	Romania	60.6	(1.5)	53.1	(2.7)	**7.5**	(3.4)
	Russian Federation	73.5	(1.9)	63.5	(1.4)	**10.0**	(2.1)
	Serbia	52.4	(1.4)	56.1	(1.6)	-3.8	(2.2)
	Slovenia	41.2	(0.8)	42.4	(1.2)	-1.3	(1.5)
	Chinese Taipei	73.5	(1.2)	75.8	(0.8)	-2.3	(1.7)
	Thailand	62.1	(1.5)	67.5	(2.5)	-5.4	(3.2)
	Tunisia	69.6	(1.2)	74.9	(2.8)	-5.3	(3.2)
	Uruguay	43.9	(1.6)	46.0	(1.3)	-2.1	(2.2)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.20 [Part 2/5] Percentage of students by different types of out-of-school-time lessons, by school location

		Proportion of students participating in out-of-school lessons with non-school teachers															
		One-to-one lessons									Small group lessons						
		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS			Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)	
								Difference (rural-city)	Increase in the logit of participating in out-of-school-time lessons by being in rural area								
		%	S.E.	%	S.E.	Dif.	S.E.	Dif. in %	Logistic regression coefficient	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	12.8	(0.7)	19.0	(0.6)	**-6.2**	(1.0)	**-3.8**	**-0.29**	(0.08)	7.2	(0.6)	8.7	(0.5)	-1.4	(0.7)
	Austria	15.3	(0.9)	19.6	(1.5)	**-4.2**	(1.7)	-2.0	-0.15	(0.14)	7.1	(0.6)	9.1	(1.2)	-2.0	(1.3)
	Belgium	16.9	(0.8)	20.5	(1.5)	**-3.5**	(1.8)	**-3.6**	**-0.25**	(0.09)	7.0	(0.4)	8.4	(1.0)	-1.4	(1.1)
	Canada	14.2	(0.6)	19.3	(0.8)	**-5.1**	(1.0)	**-3.5**	**-0.26**	(0.07)	7.3	(0.4)	9.9	(0.6)	**-2.7**	(0.7)
	Czech Republic	14.4	(0.7)	21.2	(2.1)	**-6.8**	(2.3)	-3.5	-0.26	(0.16)	7.9	(0.7)	8.2	(0.9)	-0.4	(1.2)
	Denmark	4.9	(0.4)	8.3	(2.0)	-3.4	(2.1)	-3.1	-0.52	(0.31)	4.5	(0.4)	6.3	(1.8)	-1.8	(1.8)
	Finland	5.1	(0.4)	6.4	(0.8)	-1.4	(0.9)	-1.1	-0.22	(0.17)	2.2	(0.2)	3.2	(0.8)	-1.0	(0.8)
	France	a	a	22.3	(0.9)	a	a	a	a	a	a	a	9.2	(0.5)	a	a
	Germany	20.9	(0.9)	24.0	(1.6)	-3.1	(2.1)	-2.8	-0.16	(0.12)	6.8	(0.4)	9.3	(1.0)	**-2.5**	(1.1)
	Greece	45.4	(1.5)	43.9	(2.4)	1.4	(3.1)	**9.1**	**0.37**	(0.10)	48.9	(1.8)	40.7	(2.0)	**8.2**	(2.9)
	Hungary	31.1	(1.4)	34.6	(1.9)	-3.5	(2.5)	**4.4**	**0.21**	(0.09)	10.9	(0.9)	10.9	(1.0)	-0.0	(1.4)
	Iceland	12.3	(0.6)	20.2	(1.1)	**-8.0**	(1.1)	**-4.6**	**-0.37**	(0.09)	6.2	(0.5)	8.2	(0.8)	**-2.0**	(0.9)
	Ireland	21.7	(0.8)	20.9	(1.3)	0.7	(1.5)	3.3	**0.21**	(0.08)	9.3	(0.6)	10.9	(1.1)	-1.6	(1.2)
	Italy	35.6	(0.7)	41.6	(1.1)	**-6.0**	(1.4)	0.4	0.02	(0.06)	14.5	(0.5)	13.1	(1.2)	1.4	(1.4)
	Japan	7.0	(0.7)	10.8	(0.9)	**-3.8**	(1.1)	-1.3	-0.17	(0.13)	6.7	(0.9)	9.4	(0.8)	**-2.7**	(1.2)
	Korea	23.4	(2.2)	32.7	(0.9)	**-9.3**	(2.3)	-0.5	-0.03	(0.15)	21.1	(1.5)	33.1	(1.1)	**-12.0**	(1.9)
	Luxembourg	23.2	(0.7)	22.4	(2.4)	0.7	(2.5)	1.0	0.05	(0.14)	7.0	(0.5)	7.8	(1.4)	-0.8	(1.3)
	Mexico	17.0	(1.1)	18.8	(0.8)	-1.8	(1.4)	**2.5**	**0.17**	(0.09)	17.0	(1.0)	15.4	(0.9)	1.6	(1.4)
	Netherlands	6.8	(0.5)	9.1	(1.0)	-2.2	(1.2)	-1.6	-0.24	(0.14)	3.6	(0.5)	3.5	(0.7)	0.1	(0.8)
	New Zealand	11.8	(0.7)	21.8	(1.0)	**-10.0**	(1.2)	**-7.5**	**-0.56**	(0.09)	7.4	(0.7)	12.0	(0.6)	**-4.6**	(0.9)
	Norway	4.9	(0.4)	9.2	(1.2)	**-4.3**	(1.2)	**-4.1**	**-0.67**	(0.18)	4.6	(0.4)	7.0	(1.1)	-2.4	(1.2)
	Poland	17.2	(0.9)	26.0	(1.6)	**-8.7**	(1.9)	2.1	0.15	(0.12)	9.6	(0.7)	13.9	(1.5)	**-4.3**	(1.6)
	Portugal	24.6	(0.9)	33.6	(3.6)	**-9.0**	(3.8)	0.2	0.01	(0.15)	14.8	(0.8)	14.1	(1.9)	**0.7**	(2.2)
	Slovak Republic	25.2	(1.1)	27.6	(3.5)	-2.4	(3.7)	4.1	0.23	(0.18)	11.5	(0.6)	9.2	(1.0)	2.3	(1.2)
	Spain	29.3	(0.9)	27.6	(1.2)	1.8	(1.4)	**4.6**	**0.23**	(0.07)	29.6	(0.9)	20.8	(1.0)	**8.8**	(1.3)
	Sweden	6.6	(0.5)	10.0	(0.9)	**-3.4**	(1.0)	**-3.2**	**-0.43**	(0.13)	5.4	(0.4)	7.1	(0.9)	-1.7	(1.0)
	Switzerland	18.3	(0.6)	29.0	(1.4)	**-10.7**	(1.6)	**-7.0**	**-0.41**	(0.09)	6.2	(0.5)	6.0	(0.6)	0.2	(0.8)
	Turkey	12.4	(1.0)	14.5	(1.0)	-2.1	(1.4)	0.9	0.09	(0.09)	10.4	(0.7)	11.5	(0.8)	-1.0	(1.0)
	United Kingdom	16.6	(0.6)	19.3	(1.1)	**-2.7**	(1.2)	**-4.2**	**-0.29**	(0.08)	6.4	(0.5)	9.6	(1.1)	**-3.2**	(1.2)
	United States	14.7	(0.7)	22.1	(1.8)	**-7.4**	(2.0)	**-7.2**	**-0.49**	(0.11)	10.0	(0.6)	17.0	(2.0)	**-7.0**	(2.1)
	OECD average	17.6	(0.2)	21.9	(0.3)	**-4.3**	(0.4)	**-1.9**	**-0.13**	(0.02)	10.7	(0.1)	11.8	(0.2)	**-1.1**	(0.3)
Partners	Argentina	30.4	(1.7)	32.4	(2.0)	-2.0	(2.6)	3.0	0.14	(0.10)	19.5	(1.3)	18.7	(1.4)	0.8	(1.9)
	Azerbaijan	28.7	(1.4)	37.6	(1.4)	**-8.9**	(1.9)	0.2	0.01	(0.09)	41.1	(1.3)	39.7	(1.9)	1.4	(2.5)
	Brazil	17.8	(0.7)	22.2	(1.0)	**-4.3**	(1.3)	-0.5	-0.03	(0.08)	17.5	(0.7)	18.4	(0.9)	-0.9	(1.1)
	Bulgaria	24.4	(1.1)	31.4	(1.4)	**-7.0**	(1.8)	-2.4	-0.12	(0.10)	18.0	(1.4)	16.9	(1.0)	1.1	(1.7)
	Chile	11.1	(1.4)	14.8	(0.8)	**-3.7**	(1.6)	0.7	0.07	(0.14)	9.8	(0.9)	9.3	(0.7)	0.6	(1.2)
	Colombia	24.3	(0.9)	26.6	(1.3)	-2.3	(1.7)	2.7	0.14	(0.10)	18.5	(1.3)	17.1	(1.1)	1.3	(1.8)
	Croatia	25.6	(1.2)	32.0	(1.2)	**-6.4**	(1.7)	-1.9	-0.09	(0.10)	10.1	(0.7)	9.1	(0.8)	1.1	(1.0)
	Estonia	13.3	(0.8)	27.4	(1.5)	**-14.2**	(1.8)	**-13.6**	**-0.88**	(0.15)	7.2	(0.5)	10.6	(1.1)	**-3.4**	(1.2)
	Hong Kong-China	a	a	24.1	(1.3)	a	a	a	a	a	a	a	17.8	(0.8)	a	a
	Indonesia	16.5	(0.7)	21.3	(3.9)	-4.8	(4.0)	0.1	0.01	(0.23)	19.4	(0.9)	19.2	(1.3)	0.2	(1.4)
	Israel	39.4	(1.7)	44.8	(1.8)	**-5.4**	(2.7)	-4.7	-0.19	(0.11)	21.0	(1.2)	18.8	(1.4)	2.2	(2.0)
	Jordan	32.6	(1.0)	37.0	(1.3)	**-4.5**	(1.7)	**-3.7**	**-0.16**	(0.08)	27.2	(1.2)	22.3	(1.1)	**4.9**	(1.7)
	Kyrgyzstan	26.1	(0.8)	27.6	(2.5)	-1.5	(2.6)	1.9	0.10	(0.13)	27.8	(1.0)	23.1	(1.9)	**4.7**	(2.2)
	Latvia	29.5	(1.4)	37.8	(1.8)	**-8.3**	(2.1)	-1.7	-0.08	(0.09)	13.6	(0.7)	15.2	(1.0)	-1.7	(1.3)
	Liechtenstein	14.7	(1.9)	a	a	a	a	a	a	a	2.6	(1.0)	a	a	a	a
	Lithuania	13.4	(0.9)	24.8	(1.4)	**-11.4**	(1.6)	-2.7	-0.20	(0.14)	6.4	(0.5)	7.9	(0.9)	-1.5	(1.0)
	Macao-China	23.4	(1.5)	21.5	(0.8)	1.9	(1.8)	2.5	0.14	(0.10)	22.6	(1.5)	20.2	(0.8)	2.4	(1.6)
	Montenegro	34.3	(0.9)	43.5	(1.7)	**-9.2**	(1.9)	**-7.4**	**-0.31**	(0.09)	20.8	(0.7)	20.6	(1.3)	0.2	(1.5)
	Qatar	36.5	(0.9)	35.3	(1.3)	1.2	(1.5)	2.0	0.09	(0.07)	25.6	(0.7)	24.1	(1.3)	1.5	(1.5)
	Romania	26.5	(1.4)	29.3	(2.5)	-2.8	(2.9)	-0.8	-0.04	(0.17)	21.4	(1.3)	18.2	(2.1)	3.2	(2.5)
	Russian Federation	21.2	(1.2)	22.5	(1.3)	-1.4	(1.9)	**3.3**	**0.20**	(0.09)	13.0	(1.1)	11.9	(0.8)	1.0	(1.1)
	Serbia	34.5	(1.5)	44.6	(1.7)	**-10.1**	(2.3)	**-4.7**	**-0.20**	(0.10)	14.0	(0.8)	11.2	(0.7)	**2.7**	(1.1)
	Slovenia	24.7	(0.7)	30.2	(1.3)	**-5.4**	(1.5)	**-4.4**	**-0.22**	(0.07)	6.8	(0.5)	6.1	(0.6)	0.7	(0.8)
	Chinese Taipei	22.9	(0.9)	24.2	(0.8)	-1.3	(1.4)	-0.3	-0.02	(0.08)	24.8	(1.3)	23.0	(0.7)	1.8	(1.7)
	Thailand	19.9	(0.8)	22.3	(1.4)	-2.4	(1.6)	0.0	0.00	(0.10)	24.1	(0.9)	23.9	(1.7)	0.2	(1.8)
	Tunisia	27.6	(1.2)	46.0	(3.7)	**-18.4**	(4.0)	**-8.3**	**-0.38**	(0.15)	26.4	(1.0)	38.4	(2.9)	**-12.0**	(3.2)
	Uruguay	27.8	(1.3)	31.2	(1.3)	-3.4	(2.0)	1.4	0.07	(0.10)	20.4	(1.1)	22.2	(1.1)	-1.8	(1.7)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.20 [Part 3/5] Percentage of students by different types of out-of-school-time lessons, by school location

		Proportion of students participating in out-of-school lessons with non-school teachers														
		Large group lessons						At least one of these types of out-of-school lessons								
		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS		
														Difference (rural-city)	Increase in the logit of participating in out-of-school-time lessons by being in rural area	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	Dif. in %	Logistic regression coefficient	S.E.
OECD	Australia	6.0	(0.4)	8.1	(0.4)	**-2.1**	(0.5)	17.9	(0.8)	26.5	(0.8)	**-8.6**	(1.2)	**-7.0**	**-0.41**	(0.08)
	Austria	6.4	(0.5)	5.6	(1.2)	0.8	(1.4)	22.5	(0.9)	27.7	(1.9)	**-5.2**	(2.1)	**-4.2**	-0.23	(0.13)
	Belgium	4.1	(0.4)	4.9	(0.9)	-0.8	(1.0)	21.5	(0.8)	25.4	(1.4)	**-4.0**	(1.8)	**-4.2**	**-0.24**	(0.09)
	Canada	6.5	(0.4)	7.9	(0.6)	**-1.4**	(0.6)	19.9	(0.7)	26.7	(1.1)	**-6.9**	(1.3)	**-5.2**	**-0.30**	(0.07)
	Czech Republic	5.7	(0.6)	5.5	(1.1)	0.2	(1.3)	20.4	(0.9)	26.7	(2.0)	**-6.3**	(2.3)	-3.0	-0.18	(0.14)
	Denmark	3.9	(0.5)	2.1	(0.7)	**1.7**	(0.9)	10.0	(0.7)	12.4	(2.8)	-2.4	(2.9)	-2.5	-0.25	(0.27)
	Finland	3.6	(0.3)	4.0	(0.5)	-0.4	(0.6)	8.0	(0.4)	10.7	(1.2)	**-2.7**	(1.3)	-2.3	-0.28	(0.14)
	France	a	a	4.9	(0.4)	a	a	a	a	26.4	(1.0)	a	a	a	a	a
	Germany	3.2	(0.5)	5.9	(0.9)	**-2.7**	(1.0)	26.4	(0.8)	30.8	(1.6)	**-4.4**	(1.9)	**-3.9**	**-0.19**	(0.10)
	Greece	19.7	(1.3)	16.7	(1.3)	3.0	(1.8)	71.3	(1.6)	70.4	(2.3)	0.9	(3.1)	**9.4**	**0.46**	(0.12)
	Hungary	9.5	(0.8)	7.8	(0.9)	1.7	(1.3)	37.5	(1.5)	39.5	(1.8)	-1.9	(2.6)	4.0	0.17	(0.10)
	Iceland	5.6	(0.5)	4.4	(0.6)	1.2	(0.7)	18.1	(0.7)	24.4	(1.2)	**-6.3**	(1.2)	**-3.3**	**-0.21**	(0.08)
	Ireland	5.5	(0.4)	10.4	(1.2)	**-4.9**	(1.3)	28.1	(0.9)	31.7	(1.7)	-3.6	(1.9)	-1.3	-0.06	(0.09)
	Italy	9.5	(0.5)	7.6	(0.8)	**1.9**	(1.0)	44.7	(0.7)	49.2	(1.4)	**-4.5**	(1.6)	-0.3	-0.01	(0.07)
	Japan	7.1	(0.8)	8.8	(0.8)	-1.7	(1.0)	16.2	(1.3)	22.4	(1.4)	**-6.2**	(1.9)	-1.2	-0.08	(0.12)
	Korea	12.4	(1.4)	29.5	(0.9)	**-17.1**	(1.6)	37.3	(2.1)	61.5	(1.2)	**-24.2**	(2.3)	-5.3	-0.22	(0.16)
	Luxembourg	5.3	(0.3)	7.7	(1.2)	**-2.4**	(1.2)	28.1	(0.7)	26.9	(2.5)	1.1	(2.6)	0.9	0.05	(0.13)
	Mexico	18.5	(1.1)	13.8	(0.7)	**4.7**	(1.4)	30.8	(1.3)	30.1	(1.1)	0.7	(1.8)	**3.8**	**0.18**	(0.09)
	Netherlands	3.5	(0.4)	4.2	(0.8)	-0.8	(0.9)	10.3	(0.7)	13.6	(1.1)	**-3.3**	(1.3)	**-3.2**	**-0.31**	(0.12)
	New Zealand	5.8	(0.6)	7.9	(0.6)	**-2.1**	(0.9)	17.2	(0.9)	29.6	(0.9)	**-12.4**	(1.4)	**-11.6**	**-0.66**	(0.09)
	Norway	5.0	(0.4)	5.6	(0.8)	-0.7	(1.0)	9.2	(0.6)	15.1	(1.2)	**-5.9**	(1.3)	**-5.7**	**-0.55**	(0.12)
	Poland	9.2	(0.5)	12.5	(1.1)	**-3.3**	(1.2)	25.7	(1.0)	39.4	(2.0)	**-13.7**	(2.3)	-0.9	-0.04	(0.11)
	Portugal	8.3	(0.7)	8.0	(0.9)	0.3	(1.2)	33.2	(1.0)	42.4	(3.9)	**-9.2**	(4.3)	1.0	0.04	(0.15)
	Slovak Republic	7.5	(0.6)	6.1	(1.2)	1.4	(1.3)	29.2	(1.1)	32.5	(4.1)	-3.3	(4.3)	2.8	0.14	(0.19)
	Spain	11.4	(0.7)	9.0	(0.6)	**2.4**	(0.9)	44.8	(1.0)	41.4	(1.3)	**3.4**	(1.6)	**7.2**	**0.29**	(0.07)
	Sweden	6.4	(0.4)	9.4	(1.0)	**-3.0**	(1.0)	12.0	(0.6)	17.3	(1.3)	**-5.3**	(1.4)	**-5.3**	**-0.43**	(0.11)
	Switzerland	4.8	(0.3)	4.0	(0.7)	0.8	(0.8)	23.2	(0.7)	32.7	(1.5)	**-9.5**	(1.8)	**-7.2**	**-0.37**	(0.09)
	Turkey	13.6	(1.4)	16.4	(1.5)	-2.9	(2.1)	24.0	(1.5)	29.1	(1.8)	**-5.1**	(2.5)	2.0	0.11	(0.10)
	United Kingdom	6.2	(0.4)	9.6	(1.0)	**-3.5**	(1.1)	22.5	(0.7)	27.5	(1.5)	**-5.0**	(1.5)	**-6.0**	**-0.32**	(0.08)
	United States	9.2	(0.6)	15.8	(2.0)	**-6.6**	(2.1)	21.2	(0.8)	32.5	(2.5)	**-11.3**	(2.6)	**-11.0**	**-0.57**	(0.11)
	OECD average	7.7	(0.1)	8.8	(0.2)	**-1.2**	(0.2)	25.2	(0.2)	30.7	(0.3)	**-5.7**	(0.4)	**-2.8**	**-0.15**	(0.02)
Partners	Argentina	13.6	(1.0)	12.1	(1.2)	1.6	(1.6)	40.0	(1.6)	39.8	(1.8)	0.2	(2.4)	4.1	0.17	(0.09)
	Azerbaijan	40.1	(1.4)	35.0	(1.8)	**5.1**	(2.5)	61.9	(1.3)	65.4	(1.8)	-3.5	(2.3)	0.2	0.01	(0.13)
	Brazil	15.3	(0.7)	15.7	(0.9)	-0.3	(1.1)	32.1	(0.8)	34.3	(1.2)	-2.2	(1.5)	0.8	0.03	(0.07)
	Bulgaria	19.0	(1.4)	12.6	(1.4)	**6.4**	(1.9)	36.0	(1.5)	41.5	(1.5)	**-5.6**	(2.2)	-2.8	-0.12	(0.11)
	Chile	9.5	(1.0)	7.6	(0.6)	1.9	(1.3)	20.5	(1.5)	22.2	(1.0)	-1.7	(1.8)	1.7	0.10	(0.11)
	Colombia	17.4	(0.9)	15.2	(1.1)	2.2	(1.4)	36.1	(1.0)	37.4	(1.4)	-1.3	(1.8)	2.8	0.12	(0.10)
	Croatia	8.3	(0.6)	6.9	(0.7)	1.4	(0.9)	31.9	(1.2)	37.7	(1.1)	**-5.8**	(1.6)	-2.0	-0.09	(0.09)
	Estonia	6.6	(0.6)	9.3	(0.8)	**-2.7**	(1.0)	19.1	(0.9)	34.4	(1.8)	**-15.3**	(2.2)	**-14.7**	**-0.77**	(0.15)
	Hong Kong-China	a	a	30.1	(1.1)	a	a	a	a	52.1	(1.2)	a	a	a	a	a
	Indonesia	17.3	(0.9)	17.7	(2.4)	-0.4	(2.4)	32.9	(1.0)	38.7	(3.3)	-5.9	(3.5)	-0.5	-0.02	(0.14)
	Israel	16.4	(1.0)	14.3	(1.4)	2.1	(1.8)	50.7	(1.8)	54.6	(2.1)	-3.8	(2.8)	-2.9	-0.12	(0.11)
	Jordan	24.7	(1.2)	17.8	(1.1)	**6.9**	(1.7)	48.3	(1.2)	47.6	(1.3)	0.7	(1.9)	-0.5	-0.02	(0.09)
	Kyrgyzstan	32.8	(1.1)	25.4	(2.6)	**7.4**	(2.8)	49.1	(1.1)	44.9	(2.5)	4.2	(2.7)	4.2	0.17	(0.11)
	Latvia	18.0	(0.9)	15.2	(1.2)	2.9	(1.5)	39.7	(1.3)	47.6	(1.9)	**-7.9**	(2.1)	-1.1	-0.05	(0.08)
	Liechtenstein	2.3	(0.8)	a	a	a	a	16.9	(2.2)	a	a	a	a	a	a	a
	Lithuania	6.9	(0.6)	6.2	(0.8)	0.7	(1.0)	19.5	(1.0)	29.7	(1.5)	**-10.2**	(1.8)	-2.2	-0.13	(0.12)
	Macao-China	21.9	(1.5)	18.9	(0.8)	2.9	(1.7)	40.3	(1.7)	38.9	(0.9)	1.4	(2.0)	2.1	0.09	(0.08)
	Montenegro	17.1	(0.8)	18.1	(1.3)	-0.9	(1.5)	44.6	(0.9)	53.0	(1.6)	**-8.4**	(1.9)	**-7.3**	**-0.29**	(0.08)
	Qatar	22.8	(0.7)	21.6	(1.2)	1.2	(1.4)	48.7	(0.8)	47.4	(1.4)	1.2	(1.5)	-0.6	-0.02	(0.06)
	Romania	17.6	(1.1)	13.3	(2.2)	4.3	(2.6)	38.7	(1.5)	38.3	(2.3)	0.4	(2.9)	-0.9	-0.04	(0.15)
	Russian Federation	13.1	(0.8)	12.2	(0.8)	0.9	(1.1)	30.7	(1.6)	32.3	(1.6)	-1.5	(2.3)	2.7	0.12	(0.08)
	Serbia	9.9	(0.7)	7.0	(0.8)	**2.8**	(1.1)	40.2	(1.5)	48.1	(1.6)	**-7.9**	(2.3)	-3.1	-0.12	(0.09)
	Slovenia	5.5	(0.4)	4.2	(0.6)	1.3	(0.7)	29.8	(0.7)	33.7	(1.3)	**-3.9**	(1.6)	**-3.4**	**-0.16**	(0.07)
	Chinese Taipei	33.7	(1.3)	43.9	(1.2)	**-10.2**	(1.9)	50.5	(1.6)	60.3	(1.1)	**-9.7**	(2.2)	-2.9	-0.12	(0.08)
	Thailand	29.5	(1.0)	36.5	(3.0)	**-6.9**	(3.1)	42.0	(1.3)	50.8	(3.0)	**-8.8**	(3.3)	0.4	0.02	(0.11)
	Tunisia	19.5	(1.0)	18.2	(2.2)	1.3	(2.5)	42.6	(1.2)	56.1	(3.7)	**-13.5**	(3.9)	**-9.3**	**-0.37**	(0.16)
	Uruguay	11.7	(0.9)	12.4	(0.8)	-0.7	(1.2)	36.0	(1.5)	40.0	(1.3)	-4.0	(2.1)	0.7	0.03	(0.08)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 3.20 [Part 4/5] Percentage of students by different types of out-of-school-time lessons, by school location

		Proportion of students participating in out-of-school lessons with school teachers															
		One-to-one lessons									Small group lessons						
		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS			Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)	
								Difference (rural-city)	Increase in the logit of participating in out-of-school-time lessons by being in rural area								
		%	S.E.	%	S.E.	Dif.	S.E.	Dif. in %	Logistic regression coefficient	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	7.9	(0.6)	6.0	(0.4)	**1.9**	(0.7)	**1.4**	**0.23**	(0.11)	8.4	(0.7)	6.5	(0.4)	**1.9**	(0.8)
	Austria	6.0	(0.6)	4.2	(0.8)	1.8	(1.0)	1.2	0.29	(0.17)	14.0	(1.1)	11.2	(1.4)	2.8	(1.8)
	Belgium	6.8	(0.4)	8.2	(1.1)	-1.4	(1.1)	-1.3	-0.19	(0.15)	7.3	(0.5)	9.9	(1.3)	-2.5	(1.4)
	Canada	12.5	(0.5)	12.2	(0.7)	0.4	(0.9)	-0.1	-0.01	(0.09)	10.8	(0.5)	9.9	(0.7)	0.9	(0.8)
	Czech Republic	15.1	(0.8)	10.1	(1.4)	**5.1**	(1.6)	0.8	0.07	(0.20)	11.9	(0.8)	7.4	(0.9)	**4.5**	(1.1)
	Denmark	4.9	(0.4)	6.4	(1.6)	-1.5	(1.7)	-1.9	-0.39	(0.28)	7.7	(0.5)	8.3	(1.5)	-0.6	(1.7)
	Finland	8.7	(0.7)	5.9	(0.8)	**2.8**	(1.1)	2.3	0.34	(0.18)	9.7	(0.6)	8.6	(0.8)	1.1	(1.0)
	France	a	a	7.0	(0.6)	a	a	0.0	0.00	(0.00)	a	a	17.9	(0.7)	a	a
	Germany	5.1	(0.4)	7.3	(1.4)	-2.2	(1.5)	-2.1	-0.38	(0.22)	7.1	(0.7)	9.6	(1.4)	-2.5	(1.7)
	Greece	14.3	(1.1)	8.3	(0.9)	**5.9**	(1.6)	**4.3**	**0.44**	(0.16)	15.8	(1.1)	13.2	(1.2)	2.6	(1.6)
	Hungary	14.2	(0.9)	15.5	(1.4)	-1.3	(1.7)	-2.1	-0.16	(0.13)	12.9	(1.1)	12.7	(1.0)	0.2	(1.5)
	Iceland	10.8	(0.6)	10.2	(0.8)	0.6	(1.0)	0.2	0.02	(0.12)	15.1	(0.7)	13.3	(1.0)	1.8	(1.1)
	Ireland	7.1	(0.7)	6.8	(0.7)	0.3	(1.0)	-0.7	-0.11	(0.15)	8.8	(0.7)	9.5	(1.1)	-0.6	(1.4)
	Italy	a	a	a	a	a	a	a	a	a	35.8	(0.9)	37.3	(1.4)	-1.5	(1.6)
	Japan	3.7	(0.6)	3.8	(0.4)	-0.1	(0.7)	-0.7	-0.20	(0.20)	6.7	(0.7)	6.6	(0.5)	0.2	(1.0)
	Korea	8.4	(1.1)	9.7	(0.5)	-1.3	(1.3)	-2.0	-0.25	(0.18)	16.3	(1.4)	16.8	(0.7)	-0.5	(1.6)
	Luxembourg	13.5	(0.5)	17.1	(2.0)	-3.6	(2.1)	**-4.2**	**-0.33**	(0.16)	14.2	(0.5)	18.3	(1.8)	**-4.1**	(1.9)
	Mexico	22.6	(1.4)	12.1	(0.6)	**10.5**	(1.6)	1.9	0.14	(0.09)	23.2	(1.0)	12.1	(0.6)	**11.2**	(1.2)
	Netherlands	7.9	(0.6)	6.4	(1.0)	1.5	(1.1)	1.1	0.17	(0.17)	9.5	(0.7)	6.4	(0.9)	**3.0**	(1.1)
	New Zealand	10.4	(1.4)	8.0	(0.8)	2.4	(1.7)	1.5	0.19	(0.26)	9.7	(1.0)	9.7	(0.9)	-0.0	(1.4)
	Norway	8.3	(0.5)	10.3	(1.1)	-2.0	(1.3)	**-3.0**	**-0.35**	(0.15)	12.0	(0.6)	11.6	(1.5)	0.4	(1.7)
	Poland	15.3	(0.7)	12.8	(1.2)	2.5	(1.4)	0.8	0.06	(0.14)	24.0	(0.9)	20.4	(1.5)	**3.6**	(1.7)
	Portugal	22.1	(1.1)	21.5	(1.7)	0.6	(1.9)	**-4.7**	**-0.27**	(0.11)	32.3	(1.3)	30.3	(2.2)	2.0	(2.5)
	Slovak Republic	32.2	(1.4)	19.5	(3.1)	**12.8**	(3.6)	**9.6**	**0.49**	(0.25)	19.1	(1.1)	11.4	(1.9)	**7.7**	(2.1)
	Spain	8.3	(0.5)	9.0	(0.9)	-0.7	(1.0)	-1.4	-0.19	(0.12)	10.9	(0.5)	10.7	(0.8)	0.2	(1.0)
	Sweden	8.7	(0.7)	9.0	(1.0)	-0.3	(1.2)	-0.2	-0.02	(0.14)	14.5	(0.6)	13.6	(1.5)	0.9	(1.7)
	Switzerland	6.7	(0.4)	6.3	(0.8)	0.4	(0.9)	-0.4	-0.07	(0.15)	10.3	(0.4)	9.2	(1.0)	1.1	(1.1)
	Turkey	8.4	(1.0)	6.8	(0.6)	1.5	(1.2)	0.2	0.03	(0.14)	11.4	(0.9)	7.2	(0.6)	**4.2**	(1.1)
	United Kingdom	9.9	(0.4)	13.5	(1.0)	**-3.6**	(1.0)	**-2.4**	**-0.24**	(0.09)	17.3	(0.9)	18.1	(1.2)	-0.8	(1.6)
	United States	19.7	(1.0)	27.4	(2.4)	**-7.7**	(2.7)	**-7.5**	**-0.42**	(0.12)	16.9	(1.0)	22.9	(1.9)	**-6.0**	(2.1)
	OECD average	11.4	(0.2)	10.4	(0.2)	**0.9**	(0.3)	-0.3	-0.04	(0.03)	14.3	(0.2)	13.4	(0.2)	**1.1**	(0.3)
Partners	Argentina	11.7	(1.4)	9.0	(1.1)	2.7	(1.9)	1.1	0.12	(0.21)	15.3	(1.4)	8.4	(1.3)	**6.9**	(2.0)
	Azerbaijan	39.0	(1.6)	38.8	(1.6)	0.2	(2.3)	3.8	0.16	(0.11)	36.9	(1.5)	38.4	(1.9)	-1.5	(2.4)
	Brazil	14.0	(0.8)	12.7	(0.8)	1.3	(1.1)	0.7	0.06	(0.10)	25.5	(1.0)	20.9	(1.1)	**4.6**	(1.4)
	Bulgaria	26.7	(1.9)	13.5	(1.6)	**13.2**	(2.4)	4.4	0.28	(0.15)	22.7	(1.5)	12.8	(1.2)	**9.9**	(1.9)
	Chile	9.6	(0.8)	7.6	(0.6)	2.0	(1.1)	0.7	0.09	(0.14)	18.0	(1.2)	15.1	(1.1)	2.9	(1.6)
	Colombia	19.2	(1.8)	10.1	(1.1)	**9.1**	(2.1)	**5.8**	**0.48**	(0.24)	25.1	(1.8)	14.5	(1.6)	**10.6**	(2.4)
	Croatia	15.2	(0.7)	9.7	(0.8)	**5.5**	(1.1)	2.4	0.22	(0.12)	12.4	(0.7)	9.0	(0.8)	**3.4**	(1.0)
	Estonia	18.6	(1.0)	18.1	(1.9)	0.5	(2.2)	**-5.1**	**-0.33**	(0.17)	15.0	(0.9)	10.6	(1.1)	**4.4**	(1.5)
	Hong Kong-China	a	a	5.9	(0.4)	a	a	a	a	a	a	a	16.9	(0.8)	a	a
	Indonesia	35.5	(1.9)	13.3	(3.0)	**22.2**	(3.1)	**13.8**	**0.74**	(0.27)	29.4	(1.4)	13.3	(3.5)	**16.1**	(3.3)
	Israel	22.6	(1.4)	18.3	(1.9)	4.4	(2.4)	3.7	0.24	(0.16)	22.5	(1.3)	19.1	(1.6)	3.4	(2.1)
	Jordan	29.8	(1.5)	23.8	(1.5)	**6.0**	(2.3)	2.4	0.12	(0.13)	34.6	(1.3)	27.2	(1.3)	**7.4**	(1.9)
	Kyrgyzstan	67.5	(1.1)	43.5	(3.8)	**24.0**	(4.1)	**13.0**	**0.55**	(0.20)	46.5	(1.3)	30.4	(2.4)	**16.1**	(2.7)
	Latvia	39.2	(1.5)	25.4	(1.7)	**13.8**	(2.2)	**7.1**	**0.33**	(0.13)	28.6	(1.3)	19.4	(1.7)	**9.1**	(2.0)
	Liechtenstein	5.9	(1.3)	a	a	a	a	a	a	a	7.8	(1.3)	a	a	a	a
	Lithuania	11.9	(0.7)	12.0	(1.1)	-0.1	(1.2)	-1.3	-0.13	(0.15)	19.7	(1.0)	14.3	(1.3)	**5.4**	(1.6)
	Macao-China	14.5	(1.1)	14.2	(0.7)	0.3	(1.3)	-0.4	-0.03	(0.11)	27.4	(1.3)	21.8	(0.8)	**5.7**	(1.5)
	Montenegro	27.1	(0.8)	21.4	(1.1)	**5.7**	(1.3)	**3.7**	**0.21**	(0.08)	18.9	(0.7)	15.6	(1.1)	**3.3**	(1.4)
	Qatar	33.6	(0.7)	32.6	(1.2)	1.0	(1.4)	**-4.4**	**-0.20**	(0.07)	28.5	(0.6)	29.6	(1.3)	-1.1	(1.5)
	Romania	29.8	(1.3)	24.1	(2.5)	5.7	(2.9)	0.1	0.00	(0.17)	27.5	(1.6)	21.3	(1.7)	**6.1**	(2.5)
	Russian Federation	33.5	(1.3)	26.8	(1.1)	**6.8**	(1.7)	**4.7**	**0.22**	(0.08)	35.4	(1.5)	25.9	(1.4)	**9.6**	(2.0)
	Serbia	11.9	(1.0)	7.9	(0.9)	**4.0**	(1.4)	2.3	0.27	(0.17)	14.2	(0.9)	9.3	(0.9)	**4.9**	(1.3)
	Slovenia	9.8	(0.6)	7.2	(0.6)	**2.6**	(0.9)	1.3	0.17	(0.12)	9.6	(0.6)	7.7	(0.7)	**2.0**	(0.9)
	Chinese Taipei	17.1	(1.2)	13.0	(0.9)	**4.2**	(1.8)	0.4	0.04	(0.13)	27.7	(1.5)	20.2	(1.0)	**7.5**	(2.1)
	Thailand	22.5	(0.9)	16.9	(1.5)	**5.5**	(1.9)	2.0	0.13	(0.12)	28.5	(1.2)	22.2	(1.6)	**6.3**	(2.1)
	Tunisia	43.7	(1.5)	37.4	(3.9)	6.3	(4.3)	5.8	0.24	(0.21)	34.5	(1.3)	24.3	(2.7)	**10.2**	(3.0)
	Uruguay	10.2	(1.2)	8.7	(0.7)	1.5	(1.5)	1.3	0.15	(0.19)	10.1	(0.8)	7.5	(0.8)	**2.6**	(1.1)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.20 [Part 5/5] Percentage of students by different types of out-of-school-time lessons, by school location

		Proportion of students participating in out-of-school lessons with school teachers														
		Large group lessons						At least one of these types of out-of-school lessons								
		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS		
														Difference (rural-city)	Increase in the logit of participating in out-of-school-time lessons by being in rural area	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	Dif. in %	Logistic regression coefficient	S.E.
OECD	Australia	9.6	(0.6)	7.3	(0.4)	**2.3**	(0.7)	15.9	(1.0)	12.9	(0.6)	**3.1**	(1.1)	2.3	0.19	(0.08)
	Austria	16.6	(1.2)	13.6	(1.4)	3.1	(2.0)	24.9	(1.5)	20.0	(1.9)	**4.9**	(2.5)	4.0	0.23	(0.13)
	Belgium	5.9	(0.3)	6.4	(0.9)	-0.5	(1.0)	13.6	(0.5)	16.3	(1.6)	-2.6	(1.7)	-2.4	-0.19	(0.09)
	Canada	11.7	(0.6)	10.6	(0.6)	1.1	(0.7)	21.8	(0.7)	20.6	(0.9)	1.1	(1.0)	0.2	0.01	(0.07)
	Czech Republic	14.5	(0.9)	7.9	(1.5)	**6.6**	(1.7)	24.9	(1.2)	16.0	(1.8)	**8.9**	(2.1)	4.0	0.24	(0.14)
	Denmark	8.2	(0.6)	5.2	(1.2)	**3.0**	(1.4)	13.8	(0.8)	12.5	(2.1)	1.3	(2.4)	1.1	0.10	(0.27)
	Finland	12.0	(0.6)	12.8	(1.1)	-0.8	(1.3)	18.3	(0.8)	17.9	(1.3)	0.4	(1.5)	-1.2	-0.08	(0.14)
	France	a	a	10.4	(0.5)	a	a	a	a	23.9	(0.8)	a	a	a	a	a
	Germany	9.9	(0.8)	11.4	(1.5)	-1.5	(1.8)	16.6	(0.9)	19.5	(2.1)	-2.8	(2.5)	-2.8	-0.19	(0.10)
	Greece	10.8	(1.0)	7.8	(1.0)	**3.0**	(1.4)	23.7	(1.4)	19.6	(1.5)	**4.2**	(2.1)	1.1	0.06	(0.12)
	Hungary	16.0	(1.0)	15.6	(1.2)	0.4	(1.6)	29.3	(1.5)	29.6	(1.8)	-0.3	(2.4)	-1.4	-0.07	(0.10)
	Iceland	13.2	(0.7)	16.0	(1.0)	**-2.8**	(1.1)	27.4	(0.9)	26.6	(1.1)	0.9	(1.3)	1.9	0.10	(0.08)
	Ireland	10.1	(0.7)	9.4	(1.3)	0.7	(1.6)	17.4	(1.0)	15.7	(1.5)	1.7	(1.9)	-0.7	-0.05	(0.09)
	Italy	25.6	(0.8)	26.4	(1.2)	-0.8	(1.5)	45.0	(0.9)	47.5	(1.7)	-2.5	(1.8)	-1.8	-0.07	(0.07)
	Japan	31.1	(2.0)	30.1	(1.5)	1.0	(2.4)	35.5	(1.9)	34.6	(1.6)	0.9	(2.5)	-2.0	-0.09	(0.12)
	Korea	42.0	(3.3)	35.2	(1.5)	6.9	(3.6)	54.3	(2.9)	49.7	(1.3)	4.6	(3.2)	6.8	0.27	**(0.16)**
	Luxembourg	9.8	(0.5)	11.0	(1.3)	-1.2	(1.3)	24.9	(0.6)	29.6	(2.1)	**-4.6**	(2.1)	**-5.6**	**-0.28**	**(0.13)**
	Mexico	31.4	(1.2)	16.2	(0.6)	**15.2**	(1.4)	41.8	(1.4)	24.8	(0.9)	**17.0**	(1.7)	**3.1**	**0.14**	**(0.09)**
	Netherlands	7.7	(0.6)	5.6	(0.7)	**2.2**	(0.9)	16.8	(1.0)	11.8	(1.2)	**5.0**	(1.5)	**4.6**	**0.38**	(0.12)
	New Zealand	9.1	(0.8)	9.1	(0.7)	-0.0	(1.1)	19.3	(1.7)	16.4	(1.1)	2.9	(2.1)	1.5	0.11	(0.09)
	Norway	17.7	(0.8)	15.1	(1.5)	2.5	(1.7)	24.1	(0.9)	22.6	(1.5)	1.5	(1.8)	-0.3	-0.02	(0.12)
	Poland	28.0	(1.1)	22.5	(1.4)	**5.5**	(1.8)	42.9	(1.2)	35.9	(1.9)	**7.0**	(2.2)	0.6	0.02	(0.11)
	Portugal	25.2	(1.3)	19.0	(2.0)	**6.3**	(2.5)	48.7	(1.5)	44.6	(3.0)	4.0	(3.5)	-6.6	-0.26	(0.15)
	Slovak Republic	25.1	(1.3)	15.9	(3.2)	**9.2**	(3.7)	40.4	(1.5)	26.9	(4.0)	**13.5**	(4.5)	10.2	0.45	(0.19)
	Spain	9.9	(0.6)	9.6	(0.8)	0.3	(1.0)	18.4	(0.8)	19.0	(1.1)	-0.6	(1.4)	-2.5	-0.16	(0.07)
	Sweden	21.4	(0.8)	19.3	(1.0)	2.0	(1.2)	27.1	(0.9)	24.6	(1.5)	2.6	(1.7)	0.8	0.04	(0.11)
	Switzerland	14.9	(0.7)	9.2	(1.2)	**5.7**	(1.5)	23.2	(0.8)	18.1	(1.6)	**5.2**	(2.0)	2.1	0.13	(0.09)
	Turkey	14.9	(1.2)	10.7	(0.9)	**4.1**	(1.5)	22.6	(1.5)	16.9	(1.2)	**5.7**	(2.0)	3.3	0.21	(0.10)
	United Kingdom	18.4	(0.9)	21.4	(1.5)	-3.0	(1.9)	30.5	(1.2)	33.5	(1.7)	-3.0	(2.2)	-0.2	-0.01	**(0.08)**
	United States	16.0	(0.9)	21.8	(2.4)	**-5.8**	(2.6)	29.1	(1.2)	38.3	(2.7)	**-9.2**	(3.0)	**-8.9**	**-0.40**	(0.11)
	OECD average	16.8	(0.2)	14.4	(0.2)	**2.2**	(0.3)	27.3	(0.2)	24.9	(0.3)	**2.4**	(0.4)	0.5	0.03	(0.02)
Partners	Argentina	13.4	(1.4)	8.0	(1.2)	**5.4**	(1.9)	23.2	(1.9)	15.5	(1.8)	**7.7**	(2.7)	3.8	0.25	**(0.09)**
	Azerbaijan	49.2	(1.6)	45.5	(2.8)	3.7	(3.3)	67.5	(1.7)	67.9	(2.1)	-0.4	(2.8)	1.0	0.04	**(0.13)**
	Brazil	21.5	(1.0)	18.7	(1.1)	2.8	(1.5)	36.6	(1.1)	30.9	(1.2)	**5.7**	(1.5)	**4.1**	**0.19**	(0.07)
	Bulgaria	26.8	(1.6)	15.5	(1.5)	**11.3**	(2.2)	40.2	(2.2)	25.3	(1.6)	**14.9**	(2.7)	**7.0**	**0.31**	(0.11)
	Chile	18.9	(1.2)	17.0	(1.0)	1.9	(1.7)	29.1	(1.7)	26.2	(1.4)	2.9	(2.3)	-1.1	-0.06	(0.11)
	Colombia	24.3	(1.4)	13.7	(1.4)	**10.5**	(1.9)	36.1	(1.7)	21.8	(1.7)	**14.4**	(2.4)	6.7	0.33	(0.10)
	Croatia	13.3	(0.8)	9.7	(1.0)	**3.6**	(1.3)	24.4	(1.1)	17.3	(1.3)	**7.1**	(1.7)	3.0	0.18	(0.09)
	Estonia	20.6	(0.9)	13.6	(1.2)	**7.0**	(1.5)	33.9	(1.3)	27.6	(2.1)	**6.3**	(2.6)	-1.6	-0.07	**(0.15)**
	Hong Kong-China	a	a	42.0	(1.3)	a	a	a	a	48.6	(1.3)	a	a	a	a	**a**
	Indonesia	38.8	(1.8)	16.4	(3.2)	**22.4**	(3.4)	57.4	(2.1)	25.4	(5.2)	**32.0**	(5.2)	**23.5**	**0.97**	(0.14)
	Israel	21.4	(1.1)	19.0	(1.5)	2.4	(1.9)	37.9	(1.6)	32.0	(1.8)	**5.9**	(2.5)	**5.3**	**0.23**	(0.11)
	Jordan	43.2	(1.2)	37.4	(1.5)	**5.8**	(1.9)	59.2	(1.4)	52.7	(1.9)	**6.4**	(2.3)	2.5	0.10	**(0.09)**
	Kyrgyzstan	55.9	(1.4)	37.0	(3.2)	**18.9**	(3.7)	82.0	(1.2)	60.2	(4.1)	**21.8**	(4.4)	9.2	0.52	(0.11)
	Latvia	33.0	(1.6)	21.0	(1.4)	**12.0**	(2.1)	55.4	(1.7)	40.5	(1.8)	**14.9**	(2.4)	**7.2**	**0.29**	(0.08)
	Liechtenstein	10.1	(1.6)	a	a	a	a	16.6	(2.0)	a	a	a	a	a	a	a
	Lithuania	20.9	(1.0)	17.0	(1.4)	**4.0**	(1.8)	37.3	(1.2)	29.8	(1.8)	**7.6**	(2.1)	3.9	0.17	**(0.12)**
	Macao-China	35.8	(1.6)	34.8	(0.8)	1.0	(1.7)	49.4	(1.5)	46.2	(0.9)	3.2	(1.8)	1.6	0.07	**(0.08)**
	Montenegro	23.8	(0.7)	17.7	(1.3)	**6.1**	(1.4)	37.3	(0.9)	29.7	(1.3)	**7.6**	(1.5)	**5.2**	**0.24**	(0.08)
	Qatar	29.2	(0.7)	28.6	(1.3)	0.6	(1.5)	44.9	(0.7)	44.4	(1.4)	0.5	(1.6)	**-4.8**	**-0.19**	**(0.06)**
	Romania	27.0	(1.6)	16.8	(2.6)	**10.2**	(3.2)	46.1	(1.8)	34.1	(2.7)	**12.0**	(3.5)	3.0	0.12	(0.15)
	Russian Federation	42.4	(1.8)	28.1	(1.4)	**14.3**	(2.4)	63.1	(1.7)	49.7	(1.5)	**13.4**	(2.3)	**11.5**	**0.47**	**(0.08)**
	Serbia	15.8	(1.0)	12.9	(1.2)	2.9	(1.5)	26.2	(1.2)	19.7	(1.3)	**6.5**	(1.8)	2.7	0.15	**(0.09)**
	Slovenia	12.8	(0.6)	9.7	(0.7)	**3.2**	(0.9)	22.3	(0.7)	16.6	(1.0)	**5.7**	(1.2)	**4.0**	**0.26**	**(0.07)**
	Chinese Taipei	40.9	(1.4)	32.0	(1.1)	**8.9**	(2.0)	52.4	(1.6)	41.2	(1.3)	**11.2**	(2.3)	**4.9**	**0.20**	(0.08)
	Thailand	39.9	(1.5)	36.5	(1.7)	3.4	(2.4)	48.4	(1.5)	44.4	(1.9)	4.0	(2.5)	**7.2**	**0.29**	(0.11)
	Tunisia	31.7	(1.1)	24.6	(2.8)	**7.1**	(3.2)	55.2	(1.4)	48.7	(3.8)	6.5	(4.2)	1.5	0.06	(0.16)
	Uruguay	8.5	(0.8)	9.0	(0.7)	-0.6	(1.0)	17.9	(1.4)	16.2	(1.0)	1.7	(1.8)	0.1	0.01	(0.08)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 4.1a [Part 1/2] Performance in science, mathematics and reading and learning time in science, in mathematics and on the language of instruction

		Performance						Mean learning hours per week											
								Science						Mathematics					
		Science		Mathematics		Reading		Regular school lessons		Out-of-school-time lessons		Individual study		Regular school lessons		Out-of-school-time lessons		Individual study	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.
OECD	Australia	527	(2.3)	520	(2.2)	513	(2.1)	3.24	(0.0)	0.36	(0.0)	1.17	(0.0)	4.10	(0.0)	0.75	(0.0)	1.79	(0.0)
	Austria	511	(3.9)	505	(3.7)	490	(4.1)	2.47	(0.1)	0.21	(0.0)	1.28	(0.0)	3.22	(0.0)	0.51	(0.0)	2.13	(0.0)
	Belgium	510	(2.5)	520	(3.0)	501	(3.0)	2.63	(0.0)	0.32	(0.0)	1.25	(0.0)	3.58	(0.0)	0.55	(0.0)	1.79	(0.0)
	Canada	534	(2.0)	527	(2.0)	527	(2.4)	4.00	(0.0)	0.55	(0.0)	1.55	(0.0)	4.50	(0.0)	0.94	(0.0)	1.97	(0.0)
	Czech Republic	513	(3.5)	510	(3.6)	483	(4.2)	2.93	(0.1)	0.54	(0.0)	1.00	(0.0)	4.00	(0.0)	0.76	(0.0)	1.32	(0.0)
	Denmark	496	(3.1)	513	(2.6)	494	(3.2)	3.21	(0.0)	0.77	(0.0)	1.09	(0.0)	4.44	(0.0)	1.36	(0.0)	1.74	(0.0)
	Finland	563	(2.0)	548	(2.3)	547	(2.1)	3.13	(0.0)	0.32	(0.0)	1.07	(0.0)	3.45	(0.0)	0.37	(0.0)	1.20	(0.0)
	France	495	(3.4)	496	(3.2)	488	(4.1)	2.85	(0.1)	0.55	(0.0)	1.31	(0.0)	3.84	(0.0)	0.93	(0.0)	1.74	(0.0)
	Germany	516	(3.8)	504	(3.9)	495	(4.4)	3.06	(0.0)	0.51	(0.0)	1.71	(0.0)	3.88	(0.0)	0.82	(0.0)	2.27	(0.0)
	Greece	473	(3.2)	459	(3.0)	460	(4.0)	3.18	(0.1)	1.99	(0.0)	1.85	(0.0)	3.45	(0.0)	2.23	(0.1)	2.01	(0.0)
	Hungary	504	(2.7)	491	(2.9)	482	(3.3)	2.51	(0.0)	1.00	(0.0)	1.60	(0.0)	3.29	(0.0)	1.29	(0.0)	1.84	(0.0)
	Iceland	491	(1.6)	506	(1.8)	484	(1.9)	2.97	(0.0)	0.29	(0.0)	1.16	(0.0)	4.74	(0.0)	0.72	(0.0)	1.71	(0.0)
	Ireland	508	(3.2)	501	(2.8)	517	(3.5)	2.54	(0.0)	0.32	(0.0)	1.20	(0.0)	3.66	(0.0)	0.72	(0.0)	1.76	(0.0)
	Italy	475	(2.0)	462	(2.3)	469	(2.4)	2.91	(0.1)	0.58	(0.0)	2.10	(0.0)	3.74	(0.0)	0.89	(0.0)	2.48	(0.0)
	Japan	531	(3.4)	523	(3.3)	498	(3.6)	2.70	(0.1)	0.26	(0.0)	0.69	(0.0)	4.24	(0.1)	0.71	(0.0)	1.48	(0.1)
	Korea	522	(3.4)	547	(3.8)	556	(3.8)	3.58	(0.1)	1.02	(0.0)	1.22	(0.1)	4.70	(0.0)	2.28	(0.0)	2.31	(0.1)
	Luxembourg	486	(1.1)	490	(1.1)	479	(1.3)	2.33	(0.0)	0.50	(0.0)	1.25	(0.0)	3.86	(0.0)	0.83	(0.0)	1.71	(0.0)
	Mexico	410	(2.7)	406	(2.9)	410	(3.1)	3.15	(0.0)	1.01	(0.0)	2.12	(0.0)	3.94	(0.0)	1.18	(0.0)	2.26	(0.0)
	Netherlands	525	(2.7)	531	(2.6)	507	(2.9)	2.17	(0.0)	0.54	(0.0)	1.21	(0.0)	2.87	(0.0)	0.69	(0.0)	1.47	(0.0)
	New Zealand	530	(2.7)	522	(2.4)	521	(3.0)	4.06	(0.0)	0.41	(0.0)	1.28	(0.0)	4.38	(0.0)	0.68	(0.0)	1.59	(0.0)
	Norway	487	(3.1)	490	(2.6)	484	(3.2)	2.64	(0.0)	0.93	(0.0)	1.23	(0.0)	3.39	(0.0)	1.05	(0.0)	1.40	(0.0)
	Poland	498	(2.3)	495	(2.4)	508	(2.8)	2.72	(0.0)	0.62	(0.0)	2.02	(0.0)	4.36	(0.0)	0.78	(0.0)	2.09	(0.0)
	Portugal	474	(3.0)	466	(3.1)	472	(3.6)	3.21	(0.0)	0.63	(0.0)	2.09	(0.0)	3.61	(0.0)	0.81	(0.0)	1.96	(0.0)
	Slovak Republic	488	(2.6)	492	(2.8)	466	(3.1)	2.46	(0.1)	0.65	(0.0)	1.39	(0.0)	3.29	(0.1)	0.88	(0.0)	1.69	(0.0)
	Spain	488	(2.6)	480	(2.3)	461	(2.2)	3.12	(0.0)	0.68	(0.0)	1.74	(0.0)	3.42	(0.0)	0.99	(0.0)	1.96	(0.0)
	Sweden	503	(2.4)	502	(2.4)	507	(3.4)	2.81	(0.0)	0.50	(0.0)	1.15	(0.0)	3.09	(0.0)	0.61	(0.0)	1.18	(0.0)
	Switzerland	512	(3.2)	530	(3.2)	499	(3.1)	2.36	(0.0)	0.39	(0.0)	1.12	(0.0)	3.86	(0.0)	0.70	(0.0)	1.69	(0.0)
	Turkey	424	(3.8)	424	(4.9)	447	(4.2)	2.86	(0.1)	1.35	(0.1)	1.64	(0.0)	3.82	(0.1)	2.08	(0.0)	2.31	(0.0)
	United Kingdom	515	(2.3)	495	(2.1)	495	(2.3)	4.25	(0.0)	0.48	(0.0)	1.45	(0.0)	3.78	(0.0)	0.63	(0.0)	1.49	(0.0)
	United States	489	(4.2)	474	(4.0)	m	m	3.51	(0.1)	0.78	(0.0)	1.68	(0.0)	3.77	(0.0)	1.15	(0.0)	2.05	(0.0)
	OECD average	500	(0.5)	498	(0.5)	492	(0.6)	2.99	(0.0)	0.64	(0.0)	1.42	(0.0)	3.81	(0.0)	0.96	(0.0)	1.81	(0.0)
Partners	Argentina	391	(6.1)	381	(6.2)	374	(7.2)	2.26	(0.1)	0.49	(0.0)	1.59	(0.0)	2.95	(0.1)	0.78	(0.0)	1.82	(0.0)
	Azerbaijan	382	(2.8)	476	(2.3)	353	(3.1)	2.84	(0.1)	1.36	(0.0)	2.64	(0.0)	3.79	(0.1)	1.70	(0.0)	2.95	(0.1)
	Brazil	390	(2.8)	370	(2.9)	393	(3.7)	2.21	(0.0)	0.79	(0.0)	1.70	(0.0)	3.15	(0.0)	1.21	(0.0)	1.80	(0.0)
	Bulgaria	434	(6.1)	413	(6.1)	402	(6.9)	2.63	(0.1)	0.98	(0.0)	2.00	(0.1)	2.98	(0.1)	1.14	(0.0)	2.08	(0.1)
	Chile	438	(4.3)	411	(4.6)	442	(5.0)	2.33	(0.1)	0.83	(0.0)	1.52	(0.0)	3.49	(0.1)	0.99	(0.0)	1.60	(0.0)
	Colombia	388	(3.4)	370	(3.8)	385	(5.1)	3.50	(0.1)	0.95	(0.0)	1.83	(0.0)	4.21	(0.1)	1.23	(0.0)	1.93	(0.0)
	Croatia	493	(2.4)	467	(2.4)	477	(2.8)	2.02	(0.0)	0.43	(0.0)	1.46	(0.0)	3.05	(0.0)	0.77	(0.0)	1.80	(0.0)
	Estonia	531	(2.5)	515	(2.7)	501	(2.9)	3.27	(0.0)	0.76	(0.0)	1.54	(0.0)	4.19	(0.0)	0.99	(0.0)	1.96	(0.0)
	Hong Kong-China	542	(2.5)	547	(2.7)	536	(2.4)	3.14	(0.1)	0.88	(0.0)	1.44	(0.0)	5.23	(0.0)	1.39	(0.0)	2.24	(0.0)
	Indonesia	393	(5.7)	391	(5.6)	393	(5.9)	3.23	(0.1)	1.04	(0.0)	1.78	(0.0)	4.09	(0.1)	1.36	(0.0)	1.99	(0.0)
	Israel	454	(3.7)	442	(4.3)	439	(4.6)	2.43	(0.1)	0.98	(0.0)	1.35	(0.0)	4.12	(0.0)	2.15	(0.0)	2.33	(0.1)
	Jordan	422	(2.8)	384	(3.3)	401	(3.3)	3.25	(0.1)	1.52	(0.0)	2.65	(0.0)	3.48	(0.0)	1.82	(0.0)	2.69	(0.0)
	Kyrgyzstan	322	(2.9)	311	(3.4)	285	(3.5)	2.09	(0.1)	1.36	(0.0)	2.14	(0.0)	2.88	(0.1)	1.55	(0.0)	2.22	(0.0)
	Latvia	490	(3.0)	486	(3.0)	479	(3.7)	2.86	(0.1)	0.65	(0.0)	1.80	(0.0)	4.49	(0.0)	1.20	(0.0)	2.44	(0.0)
	Liechtenstein	522	(4.1)	525	(4.2)	510	(3.9)	2.57	(0.1)	0.52	(0.1)	1.20	(0.1)	3.98	(0.1)	0.58	(0.0)	1.49	(0.1)
	Lithuania	488	(2.8)	486	(2.9)	470	(3.0)	2.69	(0.0)	0.57	(0.0)	1.69	(0.0)	3.50	(0.0)	0.74	(0.0)	1.78	(0.0)
	Macao-China	511	(1.1)	525	(1.3)	492	(1.1)	3.74	(0.0)	1.00	(0.0)	1.37	(0.0)	5.41	(0.0)	1.20	(0.0)	2.07	(0.0)
	Montenegro	412	(1.1)	399	(1.4)	392	(1.2)	2.83	(0.0)	1.05	(0.0)	2.20	(0.0)	3.09	(0.0)	0.93	(0.0)	2.03	(0.0)
	Qatar	349	(0.9)	318	(1.0)	312	(1.2)	2.66	(0.0)	1.48	(0.0)	2.04	(0.0)	3.11	(0.0)	1.85	(0.0)	2.22	(0.0)
	Romania	418	(4.2)	415	(4.2)	396	(4.7)	2.26	(0.1)	1.03	(0.0)	1.61	(0.0)	3.01	(0.1)	1.50	(0.0)	2.16	(0.0)
	Russian Federation	479	(3.7)	476	(3.9)	440	(4.3)	3.73	(0.1)	1.12	(0.0)	2.87	(0.1)	3.63	(0.1)	1.13	(0.0)	2.23	(0.0)
	Serbia	436	(3.0)	435	(3.5)	401	(3.5)	2.86	(0.1)	0.78	(0.0)	1.71	(0.0)	3.27	(0.0)	0.97	(0.0)	1.82	(0.0)
	Slovenia	519	(1.1)	504	(1.0)	494	(1.0)	2.82	(0.0)	0.72	(0.0)	1.53	(0.0)	3.33	(0.0)	1.02	(0.0)	1.92	(0.0)
	Chinese Taipei	532	(3.6)	549	(4.1)	496	(3.4)	2.89	(0.1)	0.78	(0.0)	1.24	(0.0)	4.26	(0.1)	1.53	(0.0)	1.88	(0.0)
	Thailand	421	(2.1)	417	(2.3)	417	(2.6)	3.81	(0.0)	0.91	(0.0)	1.80	(0.0)	3.77	(0.0)	0.92	(0.0)	1.81	(0.0)
	Tunisia	386	(3.0)	365	(4.0)	380	(4.0)	2.62	(0.0)	1.93	(0.0)	2.61	(0.0)	3.39	(0.0)	2.42	(0.0)	2.57	(0.0)
	Uruguay	428	(2.7)	427	(2.6)	413	(3.4)	2.40	(0.0)	0.61	(0.0)	1.32	(0.0)	3.31	(0.0)	0.84	(0.0)	1.57	(0.0)



Table 4.1a [Part 2/2] Performance in science, mathematics and reading and learning time in science, in mathematics and on the language of instruction

		Mean learning hours per week						Percentage of total learning time allocated to regular school lessons, by subject					
		Language of instruction											
		Regular school lessons		Out-of-school-time lessons		Individual study		Science		Mathematics		Language of instruction	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	4.06	(0.0)	0.66	(0.0)	1.71	(0.0)	70.9	(0.3)	65.8	(0.3)	67.1	(0.3)
	Austria	2.87	(0.0)	0.24	(0.0)	1.55	(0.0)	64.1	(0.6)	58.5	(0.5)	65.5	(0.4)
	Belgium	3.49	(0.0)	0.46	(0.0)	1.35	(0.0)	63.5	(0.4)	63.1	(0.3)	67.3	(0.3)
	Canada	4.43	(0.0)	0.86	(0.0)	1.74	(0.0)	66.3	(0.4)	63.3	(0.3)	65.6	(0.3)
	Czech Republic	3.72	(0.0)	0.61	(0.0)	1.16	(0.0)	68.7	(0.6)	70.3	(0.4)	71.6	(0.4)
	Denmark	5.50	(0.0)	1.68	(0.0)	2.16	(0.0)	66.7	(0.5)	62.3	(0.3)	62.2	(0.3)
	Finland	3.13	(0.0)	0.36	(0.0)	1.13	(0.0)	70.9	(0.4)	71.1	(0.3)	70.7	(0.4)
	France	4.01	(0.0)	0.77	(0.0)	1.51	(0.0)	62.9	(0.5)	62.6	(0.3)	67.0	(0.4)
	Germany	3.66	(0.0)	0.61	(0.0)	1.89	(0.0)	58.0	(0.5)	58.4	(0.3)	62.3	(0.4)
	Greece	3.18	(0.0)	1.63	(0.0)	1.94	(0.0)	48.3	(0.6)	49.4	(0.5)	51.0	(0.5)
	Hungary	3.18	(0.0)	1.31	(0.0)	1.86	(0.0)	51.5	(0.5)	54.3	(0.4)	53.2	(0.4)
	Iceland	4.52	(0.0)	0.46	(0.0)	1.54	(0.0)	70.1	(0.4)	69.4	(0.3)	71.8	(0.3)
	Ireland	3.55	(0.0)	0.63	(0.0)	1.75	(0.0)	66.2	(0.4)	63.6	(0.4)	64.3	(0.4)
	Italy	4.62	(0.0)	0.79	(0.0)	2.95	(0.0)	54.0	(0.3)	55.0	(0.2)	57.2	(0.2)
	Japan	3.82	(0.0)	0.43	(0.0)	0.94	(0.0)	78.4	(0.4)	71.7	(0.5)	78.1	(0.5)
	Korea	4.48	(0.0)	1.45	(0.0)	1.40	(0.0)	67.4	(0.6)	57.0	(0.5)	66.4	(0.5)
	Luxembourg	3.50	(0.0)	0.60	(0.0)	1.38	(0.0)	59.8	(0.4)	63.3	(0.3)	67.3	(0.3)
	Mexico	3.73	(0.0)	1.10	(0.0)	2.06	(0.0)	48.5	(0.4)	54.5	(0.4)	55.1	(0.4)
	Netherlands	2.92	(0.0)	0.64	(0.0)	1.33	(0.0)	56.4	(0.6)	60.0	(0.4)	63.0	(0.4)
	New Zealand	4.39	(0.0)	0.65	(0.0)	1.57	(0.0)	73.1	(0.4)	69.6	(0.4)	70.2	(0.4)
	Norway	3.60	(0.0)	1.16	(0.0)	1.44	(0.0)	59.6	(0.5)	62.2	(0.4)	62.2	(0.5)
	Poland	4.64	(0.0)	0.70	(0.0)	2.22	(0.0)	53.2	(0.4)	62.5	(0.3)	63.5	(0.3)
	Portugal	3.27	(0.0)	0.57	(0.0)	1.79	(0.0)	54.6	(0.5)	58.9	(0.4)	61.0	(0.4)
	Slovak Republic	3.12	(0.1)	0.89	(0.0)	1.74	(0.0)	58.7	(0.6)	60.6	(0.5)	59.0	(0.5)
	Spain	3.60	(0.0)	0.58	(0.0)	1.89	(0.0)	58.9	(0.3)	57.7	(0.3)	62.7	(0.3)
	Sweden	3.12	(0.0)	0.68	(0.0)	1.26	(0.0)	66.7	(0.6)	68.1	(0.5)	66.7	(0.5)
	Switzerland	3.65	(0.0)	0.49	(0.0)	1.40	(0.0)	62.1	(0.4)	63.6	(0.4)	67.5	(0.4)
	Turkey	3.99	(0.1)	1.81	(0.0)	2.18	(0.0)	51.2	(0.5)	50.8	(0.4)	54.7	(0.6)
	United Kingdom	3.89	(0.0)	0.59	(0.0)	1.59	(0.0)	70.7	(0.3)	67.1	(0.3)	67.6	(0.3)
	United States	3.64	(0.0)	1.11	(0.0)	1.87	(0.0)	58.5	(0.5)	55.4	(0.5)	55.8	(0.6)
	OECD average	3.78	(0.0)	0.82	(0.0)	1.68	(0.0)	62.0	(0.1)	61.7	(0.1)	63.9	(0.1)
Partners	Argentina	2.39	(0.1)	0.43	(0.0)	1.64	(0.0)	53.1	(0.8)	55.0	(0.6)	55.2	(0.6)
	Azerbaijan	3.69	(0.0)	1.80	(0.0)	3.10	(0.0)	43.1	(0.6)	47.1	(0.5)	44.9	(0.6)
	Brazil	3.10	(0.0)	1.18	(0.0)	1.74	(0.0)	50.3	(0.4)	54.4	(0.5)	54.4	(0.4)
	Bulgaria	2.91	(0.0)	1.09	(0.0)	2.05	(0.1)	48.8	(0.7)	51.2	(0.5)	51.8	(0.5)
	Chile	3.45	(0.1)	1.00	(0.0)	1.56	(0.0)	49.0	(0.6)	56.8	(0.5)	57.4	(0.6)
	Colombia	3.92	(0.1)	1.15	(0.0)	1.84	(0.0)	58.9	(0.6)	60.7	(0.6)	60.2	(0.6)
	Croatia	3.33	(0.0)	0.39	(0.0)	1.58	(0.0)	54.5	(0.5)	58.3	(0.5)	66.8	(0.4)
	Estonia	3.48	(0.0)	0.88	(0.0)	1.62	(0.0)	61.5	(0.5)	62.2	(0.4)	61.8	(0.5)
	Hong Kong-China	5.19	(0.0)	0.81	(0.0)	1.64	(0.0)	61.0	(0.5)	62.6	(0.4)	70.9	(0.4)
	Indonesia	3.64	(0.1)	1.25	(0.0)	1.80	(0.0)	54.6	(1.0)	57.2	(0.6)	56.3	(0.7)
	Israel	3.03	(0.0)	1.33	(0.0)	1.66	(0.0)	54.4	(0.7)	51.4	(0.6)	54.0	(0.5)
	Jordan	3.56	(0.1)	1.77	(0.0)	2.59	(0.0)	42.9	(0.6)	43.2	(0.5)	44.2	(0.6)
	Kyrgyzstan	2.74	(0.1)	1.70	(0.0)	2.34	(0.0)	35.4	(0.6)	42.0	(0.5)	39.9	(0.5)
	Latvia	3.69	(0.0)	0.88	(0.0)	2.01	(0.0)	56.1	(0.5)	58.2	(0.3)	59.2	(0.4)
	Liechtenstein	3.66	(0.1)	0.32	(0.0)	1.24	(0.1)	61.8	(1.4)	66.7	(1.2)	69.8	(1.2)
	Lithuania	3.66	(0.0)	0.66	(0.0)	1.82	(0.0)	57.1	(0.5)	60.7	(0.4)	62.3	(0.4)
	Macao-China	5.32	(0.0)	1.06	(0.0)	1.49	(0.0)	64.7	(0.4)	66.2	(0.4)	71.4	(0.3)
	Montenegro	2.93	(0.0)	0.75	(0.0)	1.99	(0.0)	46.8	(0.4)	52.5	(0.4)	53.0	(0.4)
	Qatar	2.90	(0.0)	1.59	(0.0)	2.04	(0.0)	40.7	(0.3)	43.3	(0.3)	44.7	(0.3)
	Romania	3.30	(0.1)	1.52	(0.0)	2.19	(0.0)	48.1	(0.6)	49.5	(0.6)	50.6	(0.6)
	Russian Federation	2.04	(0.0)	0.82	(0.0)	1.55	(0.0)	48.6	(0.5)	53.9	(0.5)	48.2	(0.6)
	Serbia	3.17	(0.0)	0.93	(0.0)	1.70	(0.0)	56.8	(0.5)	59.3	(0.5)	60.2	(0.5)
	Slovenia	3.25	(0.0)	0.73	(0.0)	1.48	(0.0)	55.7	(0.4)	55.6	(0.3)	60.9	(0.4)
	Chinese Taipei	4.37	(0.1)	0.69	(0.0)	1.77	(0.0)	63.7	(0.4)	59.7	(0.4)	66.1	(0.4)
	Thailand	3.10	(0.0)	0.56	(0.0)	1.71	(0.0)	63.9	(0.4)	63.4	(0.4)	62.5	(0.4)
	Tunisia	3.14	(0.1)	1.78	(0.0)	2.12	(0.0)	37.3	(0.4)	41.7	(0.4)	45.6	(0.7)
	Uruguay	2.74	(0.0)	0.65	(0.0)	1.35	(0.0)	56.2	(0.5)	60.8	(0.4)	60.8	(0.5)

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Table 4.1b Cross-country relationship between absolute learning time and performance, by subject

	Science	Mathematics	Reading
Intercept	304	110	182
Learning time in regular school lessons	87	138	112
Learning time in regular school lessons (squared)	-10	-11	-9
Explained variance in student performance	0.07	0.25	0.25
Intercept	573 **	607 **	503 **
Learning time in out-of-school-time lessons	-167 **	-192 *	-22
Learning time in out-of-school-time lessons (squared)	40	51	-22
Explained variance in student performance	0.41	0.23	0.29
Intercept	704 **	715 **	675 **
Learning time in individual study	-208 *	-196	-167
Learning time in individual study (squared)	37	34	24
Explained variance in student performance	0.42	0.14	0.28

Note: Values that are statistically significant are indicated by * at the 5% level ($p < 0.05$) or by ** at the 10% level ($p < 0.10$).

Table 4.1c Cross-country relationship between relative learning time and performance, by subject

	Science	Mathematics	Reading
Intercept	-74	-255	-277
Percentage of total learning time allocated to regular school lessons	15 **	19 *	19 **
Percentage of total learning time allocated to regular school lessons (squared)	-0.09 *	-0.12	-0.12 *
Explained variance in student performance	0.63	0.54	0.68
Intercept	552 **	573 **	480 **
Percentage of total learning time allocated to out-of-school-time lessons	-5	-8	4
Percentage of total learning time allocated to out-of-school-time lessons (squared)	-0.04	0.03	-0.38
Explained variance in student performance	0.44	0.35	0.45
Intercept	444 **	776 **	496 **
Percentage of total learning time allocated to individual study	9	-14	6
Percentage of total learning time allocated to individual study (squared)	-0.26	0.11	-0.26
Explained variance in student performance	0.40	0.31	0.46

Note: Values that are statistically significant are indicated by * at the 5% level ($p < 0.05$) or by ** at the 10% level ($p < 0.10$).



[Part 1/2]

Table 4.2a Performance in science, by learning time in regular school lessons in science

		Science performance for students who do not spend any time in regular school lessons in science		Difference in science performance between students who spend the following learning hours per week in regular school lessons in science and students who do not spend any time in regular school lessons in science															
				Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week		Accounting for socio-economic background of students and schools								
												Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
		Mean score	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	484	(3.0)	**-18.1**	(4.4)	**50.0**	(3.7)	**70.7**	(3.8)	**101.3**	(6.0)	**-19.8**	(3.9)	**37.7**	(3.1)	**52.1**	(3.2)	**81.9**	(5.3)
	Austria	464	(4.9)	**23.6**	(5.4)	**60.7**	(5.3)	**108.2**	(6.9)	**110.5**	(8.5)	**11.7**	(4.3)	**32.3**	(4.5)	**60.4**	(5.6)	**66.5**	(9.4)
	Belgium	436	(4.3)	**63.8**	(4.8)	**102.3**	(5.2)	**124.1**	(5.9)	**142.4**	(6.3)	**43.0**	(4.2)	**56.9**	(4.4)	**73.1**	(4.6)	**96.3**	(5.9)
	Canada	492	(4.0)	1.7	(4.7)	**43.4**	(4.7)	**61.9**	(4.4)	**74.7**	(4.0)	-0.5	(4.3)	**36.0**	(4.1)	**50.2**	(4.0)	**59.4**	(3.9)
	Czech Republic	478	(6.6)	7.3	(7.8)	**28.3**	(7.6)	**88.1**	(7.2)	**123.7**	(7.2)	2.3	(6.6)	**20.3**	(6.2)	**64.3**	(6.1)	**78.5**	(6.5)
	Denmark	421	(12.6)	**30.8**	(12.8)	**83.6**	(12.0)	**97.7**	(12.7)	**107.6**	(17.9)	22.7	(11.9)	**68.0**	(11.1)	**78.3**	(11.5)	**77.7**	(14.8)
	Finland	497	(7.6)	**30.6**	(8.3)	**69.3**	(8.1)	**95.8**	(7.9)	**115.5**	(11.1)	**27.2**	(8.0)	**61.4**	(7.8)	**84.5**	(7.3)	**102.2**	(10.5)
	France	408	(6.7)	**41.9**	(6.5)	**101.0**	(6.9)	**161.7**	(7.5)	**180.2**	(8.6)	**28.5**	(6.6)	**63.1**	(6.4)	**100.2**	(7.4)	**112.9**	(7.8)
	Germany	456	(7.3)	**32.9**	(7.0)	**70.7**	(7.5)	**105.3**	(7.7)	**136.0**	(7.5)	**12.1**	(6.0)	**32.9**	(5.9)	**53.3**	(6.2)	**69.9**	(7.7)
	Greece	387	(5.4)	**47.0**	(5.5)	**94.6**	(5.7)	**129.1**	(6.8)	**140.6**	(8.1)	**39.1**	(5.2)	**73.5**	(5.4)	**97.6**	(6.7)	**99.0**	(7.2)
	Hungary	487	(7.7)	-13.6	(7.9)	**23.7**	(7.9)	**70.3**	(8.9)	**105.4**	(9.8)	3.8	(6.0)	**20.8**	(6.3)	**46.8**	(7.0)	**62.8**	(7.8)
	Iceland	418	(9.9)	**43.4**	(11.2)	**86.7**	(10.3)	**91.1**	(11.0)	**92.1**	(16.5)	**43.9**	(10.8)	**82.9**	(10.0)	**82.0**	(10.6)	**80.4**	(16.2)
	Ireland	458	(5.8)	**36.3**	(5.9)	**74.1**	(6.3)	**55.4**	(7.0)	**84.0**	(14.5)	**27.2**	(4.9)	**57.4**	(4.6)	**43.7**	(5.6)	**69.9**	(12.8)
	Italy	456	(10.2)	-11.0	(10.3)	**25.6**	(11.0)	**49.8**	(10.8)	**65.3**	(11.3)	**12.7**	(5.4)	**35.5**	(5.6)	**51.8**	(6.1)	**76.7**	(6.5)
	Japan	476	(14.6)	24.2	(15.1)	**63.5**	(14.4)	**96.5**	(15.6)	**108.0**	(19.6)	20.9	(13.3)	**43.7**	(12.2)	**52.8**	(13.7)	**54.0**	(16.6)
	Korea	460	(12.1)	2.5	(10.1)	**60.7**	(11.7)	**81.9**	(12.1)	**104.2**	(29.5)	-0.9	(10.9)	**47.4**	(11.4)	**56.0**	(11.8)	**66.2**	(15.7)
	Luxembourg	437	(4.1)	**37.3**	(5.0)	**64.8**	(4.7)	**94.4**	(5.0)	**96.5**	(7.3)	22.2	(4.1)	**42.9**	(4.0)	**63.6**	(4.2)	**71.1**	(7.0)
	Mexico	420	(2.8)	**-30.5**	(3.4)	1.1	(3.1)	**13.1**	(3.6)	-3.8	(3.7)	**-22.4**	(2.9)	-1.3	(2.8)	**8.5**	(3.0)	-4.6	(3.1)
	Netherlands	490	(4.0)	**17.1**	(4.8)	**54.2**	(4.1)	**88.8**	(5.4)	**129.5**	(7.3)	**8.2**	(3.4)	**28.0**	(3.6)	**48.0**	(4.9)	**77.0**	(6.3)
	New Zealand	458	(6.9)	**-20.9**	(9.4)	**58.7**	(7.8)	**99.5**	(7.4)	**134.0**	(8.4)	-14.3	(7.6)	**46.4**	(6.7)	**81.3**	(6.2)	**104.9**	(7.6)
	Norway	411	(8.8)	**54.1**	(9.2)	**94.2**	(9.1)	**92.6**	(10.2)	24.6	(18.9)	**50.3**	(9.0)	**86.2**	(8.8)	**79.4**	(9.5)	14.5	(18.4)
	Poland	450	(7.1)	**21.3**	(7.4)	**58.0**	(7.5)	**84.9**	(7.8)	**93.1**	(11.2)	**24.1**	(6.8)	**54.2**	(6.8)	**76.0**	(7.4)	**81.0**	(10.5)
	Portugal	482	(5.4)	**-61.1**	(4.9)	**-21.3**	(5.5)	**36.7**	(5.9)	**47.6**	(5.5)	**-36.2**	(5.3)	-6.3	(5.3)	**39.3**	(5.2)	**46.9**	(5.0)
	Slovak Republic	430	(5.1)	**36.5**	(4.8)	**78.8**	(5.8)	**107.8**	(6.4)	**145.2**	(6.7)	**23.9**	(4.6)	**54.8**	(5.6)	**73.4**	(6.1)	**87.0**	(6.2)
	Spain	461	(4.0)	**-18.5**	(5.1)	**31.6**	(4.7)	**58.5**	(4.3)	**97.8**	(5.4)	**-15.8**	(4.6)	**26.4**	(4.2)	**46.6**	(4.0)	**77.2**	(5.4)
	Sweden	425	(14.5)	**45.1**	(14.7)	**93.3**	(14.3)	**88.8**	(13.1)	**85.9**	(18.4)	**26.0**	(11.5)	**70.9**	(11.2)	**65.6**	(11.2)	**49.9**	(15.9)
	Switzerland	449	(4.4)	**41.8**	(3.8)	**78.9**	(4.5)	**119.9**	(5.4)	**147.1**	(7.4)	**33.1**	(3.8)	**59.7**	(4.3)	**86.4**	(5.2)	**93.4**	(6.3)
	Turkey	401	(2.6)	**-19.3**	(3.8)	**12.8**	(3.8)	**58.7**	(7.3)	**95.0**	(8.5)	**-8.8**	(4.1)	**17.8**	(3.6)	**42.0**	(4.9)	**63.9**	(4.1)
	United Kingdom	415	(9.1)	8.3	(9.1)	**75.0**	(8.7)	**125.3**	(9.3)	**157.1**	(10.0)	6.9	(8.9)	**64.8**	(8.7)	**103.2**	(9.3)	**125.5**	(9.6)
	United States	435	(7.2)	6.9	(6.7)	**50.3**	(7.8)	**98.8**	(7.5)	**91.2**	(9.2)	2.2	(5.8)	**32.6**	(6.9)	**69.5**	(6.0)	**67.1**	(8.2)
	OECD average	448	(7.7)	15.4	(8.0)	**59.0**	(7.9)	**88.5**	(8.3)	**104.4**	(11.9)	12.4	(7.1)	**44.9**	(6.9)	**64.3**	(7.3)	**73.6**	(9.9)
Partners	Argentina	352	(6.9)	**30.8**	(5.8)	**64.9**	(7.5)	**95.5**	(8.5)	**117.7**	(12.3)	**21.1**	(5.8)	**41.6**	(6.9)	**63.2**	(8.3)	**81.2**	(11.9)
	Azerbaijan	358	(4.4)	**19.3**	(4.5)	**33.2**	(5.0)	**44.3**	(6.2)	**43.8**	(5.2)	**17.1**	(4.7)	**31.1**	(5.0)	**39.4**	(6.1)	**41.0**	(5.5)
	Brazil	347	(5.0)	**25.6**	(5.5)	**61.2**	(5.4)	**112.5**	(8.2)	**132.5**	(14.1)	**21.0**	(5.1)	**44.4**	(4.9)	**72.8**	(7.0)	**86.9**	(9.4)
	Bulgaria	373	(5.7)	**41.7**	(5.7)	**88.1**	(7.2)	**122.0**	(9.9)	**123.0**	(10.3)	**25.5**	(4.6)	**47.5**	(5.8)	**66.2**	(5.9)	**74.1**	(8.7)
	Chile	392	(4.2)	**30.5**	(4.8)	**57.1**	(5.2)	**97.7**	(5.6)	**118.4**	(7.5)	**19.1**	(4.1)	**34.3**	(4.2)	**58.4**	(4.8)	**66.4**	(6.0)
	Colombia	371	(8.1)	**-4.5**	(8.4)	**16.4**	(8.1)	**33.7**	(8.3)	**56.5**	(9.4)	4.0	(8.1)	**20.9**	(8.1)	**31.5**	(8.3)	**42.3**	(9.0)
	Croatia	447	(3.0)	**56.0**	(4.1)	**60.6**	(3.9)	**91.4**	(6.8)	**84.8**	(9.6)	**32.9**	(3.8)	**35.3**	(3.8)	**53.7**	(5.7)	**52.1**	(8.3)
	Estonia	460	(9.8)	**40.8**	(9.1)	**66.7**	(10.4)	**107.2**	(10.0)	**117.5**	(9.7)	**41.3**	(8.6)	**63.5**	(9.7)	**99.2**	(9.5)	**108.8**	(9.4)
	Hong Kong-China	522	(3.0)	**-41.2**	(5.2)	-0.7	(6.5)	**41.5**	(4.6)	**78.2**	(3.9)	**-33.9**	(4.6)	-2.4	(6.3)	**33.4**	(4.6)	**67.4**	(3.8)
	Indonesia	377	(5.9)	**-19.1**	(5.6)	**13.2**	(6.6)	**47.5**	(9.2)	**62.5**	(9.3)	-12.3	(7.1)	15.4	(8.3)	**34.2**	(10.2)	**38.6**	(8.2)
	Israel	424	(5.8)	**19.0**	(6.2)	**54.5**	(6.2)	**92.2**	(6.3)	**99.1**	(9.7)	**21.6**	(5.3)	**51.0**	(5.1)	**83.6**	(5.8)	**89.1**	(8.3)
	Jordan	375	(4.3)	**24.9**	(5.1)	**56.8**	(4.8)	**79.0**	(6.3)	**93.3**	(6.3)	**21.6**	(4.6)	**47.6**	(4.4)	**65.5**	(5.1)	**79.2**	(5.5)
	Kyrgyzstan	304	(3.2)	**20.7**	(3.5)	**48.4**	(4.5)	**63.6**	(6.0)	**60.0**	(10.4)	**15.2**	(3.4)	**38.7**	(4.3)	**44.1**	(5.1)	**50.3**	(5.6)
	Latvia	438	(6.9)	**30.8**	(7.4)	**54.3**	(7.7)	**88.7**	(7.9)	**100.4**	(8.0)	**24.8**	(6.9)	**47.4**	(7.3)	**76.9**	(6.8)	**83.7**	(6.9)
	Liechtenstein[2]	493	(7.6)	c	c	**34.0**	(10.2)	**76.9**	(19.6)	c	c	c	c	**23.8**	(9.3)	**43.4**	(14.3)	c	c
	Lithuania	412	(8.4)	**53.2**	(8.9)	**85.5**	(9.0)	**121.1**	(9.1)	**102.7**	(9.7)	**41.2**	(8.5)	**68.4**	(8.0)	**94.8**	(8.0)	**85.0**	(9.3)
	Macao-China	496	(2.8)	**-30.3**	(4.2)	2.2	(3.7)	**26.0**	(4.1)	**60.5**	(3.6)	**-23.9**	(4.2)	**7.8**	(3.9)	**30.5**	(4.3)	**63.4**	(3.6)
	Montenegro	370	(3.6)	**23.7**	(4.2)	**60.1**	(4.1)	**77.5**	(4.6)	**77.3**	(6.1)	**19.4**	(4.1)	**46.1**	(4.1)	**60.2**	(4.6)	**61.4**	(5.2)
	Qatar	315	(2.5)	**14.4**	(3.6)	**48.1**	(3.2)	**90.7**	(4.5)	**98.4**	(5.3)	**15.8**	(3.6)	**43.7**	(3.2)	**80.1**	(4.6)	**88.3**	(5.2)
	Romania	376	(5.5)	**29.0**	(5.2)	**66.6**	(6.1)	**80.1**	(7.1)	**86.0**	(9.4)	**19.7**	(5.3)	**44.5**	(5.8)	**53.4**	(5.9)	**54.6**	(6.4)
	Russian Federation	429	(6.5)	**22.1**	(5.9)	**47.6**	(6.5)	**74.9**	(6.7)	**83.5**	(7.4)	**17.5**	(5.2)	**35.9**	(5.9)	**60.6**	(6.0)	**71.4**	(6.9)
	Serbia	385	(5.1)	**29.1**	(5.3)	**60.6**	(5.5)	**93.5**	(6.4)	**98.4**	(6.7)	**21.0**	(4.8)	**39.7**	(5.0)	**64.0**	(6.1)	**63.1**	(6.3)
	Slovenia	459	(4.2)	**30.4**	(5.2)	**68.2**	(4.9)	**114.5**	(6.2)	**132.7**	(5.9)	9.3	(5.2)	**26.5**	(4.8)	**50.5**	(5.5)	**62.3**	(5.6)
	Chinese Taipei	470	(7.8)	**24.3**	(6.7)	**87.2**	(7.2)	**96.6**	(8.1)	**108.1**	(8.0)	**12.9**	(5.7)	**52.7**	(5.8)	**61.8**	(5.8)	**68.0**	(6.0)
	Thailand[1]	423	(1.1)	a	a	**41.8**	(1.3)	**86.4**	(1.5)	**83.8**	(2.1)	a	a	**37.2**	(1.1)	**63.3**	(1.2)	**64.1**	(1.8)
	Tunisia	342	(4.7)	**33.4**	(5.2)	**50.3**	(5.5)	**89.1**	(7.3)	**93.4**	(8.6)	**29.3**	(5.3)	**42.9**	(5.7)	**71.7**	(6.6)	**71.2**	(6.6)
	Uruguay	401	(4.4)	**19.9**	(5.0)	**42.9**	(5.4)	**62.6**	(6.1)	**99.7**	(6.7)	**10.8**	(4.8)	**24.0**	(5.3)	**39.9**	(5.5)	**58.0**	(6.1)

1. As there are no students who do not spend any time in regular school lessons in science, the first column presents science performance for students who spend less than 2 hours per week in regular school lessons in science. Differences are computed based on students who spend less than 2 hours per week in regular school lessons in science.
2. As there are less than 30 students who do not spend any time in regular school lessons in science, the first column presents science performance for students who spend less than 2 hours per week in regular school lessons in science. Differences are computed based on students who spend less than 2 hours per week in regular school lessons in science.

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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[Part 2/2]

Table 4.2a Performance in science, by learning time in regular school lessons in science

		Difference in science performance between students who spend the following learning hours per week in regular school lessons in science and students who do not spend any time in regular school lessons in science								Percentage of students, by lower and upper secondary schools											
		Accounting for socio-economic background of students and schools as well as learning time in out-of-school-time lessons and individual study in science								No time				Less than 2 hours per week				2 hours or more per week			
		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week		Lower secondary school		Upper secondary school		Lower secondary school		Upper secondary school		Lower secondary school		Upper secondary school	
		Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	**-28.8**	(4.3)	**20.5**	(3.7)	**32.2**	(3.8)	**60.8**	(6.0)	47.3	(2.0)	52.7	(2.0)	87.1	(1.2)	12.9	(1.2)	85.2	(0.6)	14.8	(0.6)
	Austria	**19.8**	(4.6)	**40.6**	(4.4)	**70.5**	(5.6)	**80.3**	(9.2)	4.3	(1.4)	95.7	(1.4)	9.3	(1.2)	90.7	(1.2)	5.1	(0.7)	94.9	(0.7)
	Belgium	**36.9**	(4.6)	**49.2**	(5.0)	**67.0**	(5.5)	**90.4**	(6.6)	3.6	(0.8)	96.4	(0.8)	4.2	(0.6)	95.8	(0.6)	3.6	(0.4)	96.4	(0.4)
	Canada	3.2	(4.6)	**38.2**	(4.7)	**51.2**	(4.5)	**59.9**	(4.6)	28.6	(1.8)	71.4	(1.8)	22.9	(1.2)	77.1	(1.2)	11.5	(0.7)	88.5	(0.7)
	Czech Republic	4.1	(6.9)	**23.4**	(6.6)	**71.0**	(6.5)	**86.4**	(6.8)	24.0	(2.9)	76.0	(2.9)	55.8	(2.3)	44.2	(2.3)	49.2	(1.9)	50.8	(1.9)
	Denmark	18.1	(12.1)	**62.5**	(11.3)	**73.1**	(11.6)	**77.4**	(14.9)	97.4	(2.6)	2.6	(2.6)	99.7	(0.4)	0.3	(0.4)	98.7	(0.4)	1.3	(0.4)
	Finland	**24.0**	(8.0)	**54.3**	(7.9)	**75.5**	(7.7)	**94.3**	(10.3)	100.0	(0.0)	a	a	100.0	(0.0)	a	a	100.0	(0.0)	c	c
	France	**24.9**	(6.6)	**57.8**	(6.7)	**92.7**	(7.7)	**106.5**	(8.3)	53.0	(5.4)	47.0	(5.4)	68.3	(1.8)	31.7	(1.8)	23.3	(1.2)	76.7	(1.2)
	Germany	**12.6**	(5.7)	**33.9**	(5.9)	**54.8**	(6.1)	**74.4**	(7.5)	86.9	(4.5)	13.1	(4.5)	97.3	(0.8)	2.7	(0.8)	98.5	(0.3)	1.5	(0.3)
	Greece	**39.7**	(5.3)	**73.8**	(5.5)	**97.7**	(6.8)	**100.2**	(7.5)	19.1	(3.0)	80.9	(3.0)	9.1	(1.8)	90.9	(1.8)	5.7	(0.8)	94.3	(0.8)
	Hungary	6.7	(6.7)	**26.7**	(7.0)	**54.8**	(7.6)	**72.9**	(8.4)	7.9	(1.9)	92.1	(1.9)	10.7	(1.4)	89.3	(1.4)	5.5	(0.9)	94.5	(0.9)
	Iceland	**34.1**	(11.3)	**67.8**	(10.5)	**70.6**	(11.3)	**76.1**	(15.7)	96.6	(1.7)	3.4	(1.7)	100.0	(0.0)	a	a	99.4	(0.1)	0.6	(0.1)
	Ireland	**23.7**	(5.9)	**50.3**	(6.0)	**38.5**	(6.9)	**69.4**	(13.3)	47.4	(3.0)	52.6	(3.0)	49.4	(2.4)	50.6	(2.4)	68.0	(1.0)	32.0	(1.0)
	Italy	**10.9**	(5.2)	**31.7**	(5.3)	**51.6**	(6.0)	**74.6**	(6.8)	3.1	(1.1)	96.9	(1.1)	2.8	(0.8)	97.2	(0.8)	1.0	(0.3)	99.0	(0.3)
	Japan	16.0	(12.9)	**38.3**	(11.8)	**47.0**	(13.1)	**52.4**	(15.7)	a	a	100.0	(0.0)	a	a	100.0	(0.0)	a	a	100.0	(0.0)
	Korea	-9.9	(11.3)	**35.1**	(11.5)	**39.6**	(11.8)	**48.6**	(14.3)	2.1	(1.7)	97.9	(1.7)	3.0	(1.8)	97.0	(1.8)	2.0	(0.6)	98.0	(0.6)
	Luxembourg	**25.8**	(4.4)	**46.1**	(3.9)	**68.4**	(4.5)	**82.6**	(7.2)	64.2	(2.0)	35.8	(2.0)	79.0	(0.8)	21.0	(0.8)	51.5	(0.7)	48.5	(0.7)
	Mexico	**-18.5**	(3.8)	3.2	(3.8)	**13.3**	(4.0)	1.2	(4.3)	29.9	(1.9)	70.1	(1.9)	53.2	(2.3)	46.8	(2.3)	42.8	(2.4)	57.2	(2.4)
	Netherlands	**15.2**	(3.9)	**34.5**	(4.5)	**56.5**	(5.7)	**83.5**	(6.8)	77.9	(1.8)	22.1	(1.8)	79.0	(1.7)	21.0	(1.7)	66.2	(1.3)	33.8	(1.3)
	New Zealand	**-22.2**	(8.1)	**33.7**	(7.0)	**62.2**	(6.5)	**88.1**	(8.0)	4.4	(1.4)	95.6	(1.4)	13.2	(2.0)	86.8	(2.0)	5.6	(0.3)	94.4	(0.3)
	Norway	**45.4**	(8.9)	**78.8**	(8.9)	**82.5**	(10.1)	**32.5**	(22.4)	100.0	(0.0)	a	a	99.8	(0.2)	0.2	(0.2)	99.4	(0.4)	0.6	(0.4)
	Poland	**20.9**	(6.8)	**53.6**	(6.8)	**77.0**	(7.3)	**88.5**	(10.3)	100.0	(0.0)	a	a	99.8	(0.0)	0.2	(0.0)	99.3	(0.1)	0.7	(0.1)
	Portugal	**-34.8**	(6.5)	-4.6	(7.0)	**40.9**	(6.5)	**52.4**	(6.9)	16.7	(2.4)	83.3	(2.4)	88.7	(1.2)	11.3	(1.2)	41.7	(1.5)	58.3	(1.5)
	Slovak Republic	**21.9**	(4.7)	**53.3**	(5.7)	**73.0**	(6.2)	**88.7**	(6.5)	17.4	(3.0)	82.6	(3.0)	45.0	(2.9)	55.0	(2.9)	35.1	(2.3)	64.9	(2.3)
	Spain	**-19.9**	(5.0)	**15.9**	(4.7)	**34.8**	(4.8)	**63.8**	(5.9)	99.9	(0.1)	0.1	(0.1)	100.0	(0.0)	a	a	100.0	(0.0)	c	c
	Sweden	**28.6**	(11.1)	**66.5**	(10.7)	**67.7**	(10.7)	**58.9**	(14.5)	83.9	(5.2)	16.1	(5.2)	97.0	(0.6)	3.0	(0.6)	98.5	(0.3)	1.5	(0.3)
	Switzerland	**29.2**	(4.1)	**54.5**	(4.6)	**82.9**	(5.5)	**93.8**	(6.0)	81.1	(2.8)	18.9	(2.8)	90.8	(1.7)	9.2	(1.7)	77.3	(1.3)	22.7	(1.3)
	Turkey	**-13.7**	(4.3)	**11.2**	(4.0)	**33.2**	(5.5)	**52.3**	(4.7)	2.1	(0.4)	97.9	(0.4)	5.1	(1.5)	94.9	(1.5)	6.3	(2.0)	93.7	(2.0)
	United Kingdom	-7.1	(9.7)	**46.6**	(9.1)	**81.2**	(9.9)	**103.4**	(10.4)	1.2	(0.7)	98.8	(0.7)	1.3	(0.5)	98.7	(0.5)	0.3	(0.1)	99.7	(0.1)
	United States	1.4	(6.6)	**33.1**	(7.5)	**66.9**	(6.5)	**65.8**	(8.9)	20.4	(3.9)	79.6	(3.9)	18.6	(3.8)	81.4	(3.8)	8.3	(0.8)	91.7	(0.8)
	OECD average	10.3	(7.3)	**41.0**	(7.2)	**60.9**	(7.6)	**72.7**	(10.2)	45.5	(2.5)	62.2	(2.6)	54.8	(1.6)	52.2	(1.6)	47.9	(1.1)	53.7	(1.0)
Partners	Argentina	**16.9**	(5.4)	**35.5**	(6.0)	**57.9**	(7.5)	**76.9**	(12.4)	42.7	(3.8)	57.3	(3.8)	32.7	(2.3)	67.3	(2.3)	22.2	(2.0)	77.8	(2.0)
	Azerbaijan	**15.7**	(4.8)	**28.5**	(5.1)	**36.2**	(6.3)	**35.4**	(6.0)	54.1	(3.4)	45.9	(3.4)	53.5	(2.1)	46.5	(2.1)	63.1	(1.9)	36.9	(1.9)
	Brazil	**19.0**	(5.3)	**43.4**	(5.2)	**75.1**	(7.0)	**91.0**	(9.1)	37.5	(3.0)	62.5	(3.0)	34.3	(2.0)	65.7	(2.0)	30.2	(1.9)	69.8	(1.9)
	Bulgaria	**29.7**	(4.5)	**52.8**	(6.1)	**70.7**	(6.2)	**80.6**	(9.1)	12.1	(2.4)	87.9	(2.4)	7.9	(1.2)	92.1	(1.2)	4.3	(0.8)	95.7	(0.8)
	Chile	**22.4**	(4.4)	**40.4**	(4.3)	**65.3**	(5.3)	**76.1**	(6.4)	13.0	(2.4)	87.0	(2.4)	2.7	(0.6)	97.3	(0.6)	1.7	(0.4)	98.3	(0.4)
	Colombia	1.0	(8.4)	**17.8**	(8.2)	**28.1**	(8.5)	**40.9**	(9.9)	34.4	(4.8)	65.6	(4.8)	44.1	(2.4)	55.9	(2.4)	39.0	(2.0)	61.0	(2.0)
	Croatia	**35.6**	(4.4)	**37.8**	(4.6)	**57.2**	(5.9)	**55.0**	(8.4)	0.8	(0.6)	99.2	(0.6)	0.3	(0.3)	99.7	(0.3)	0.2	(0.2)	99.8	(0.2)
	Estonia	**42.1**	(8.4)	**63.6**	(9.2)	**99.3**	(9.0)	**109.2**	(8.8)	99.4	(0.6)	0.6	(0.6)	99.1	(0.2)	0.9	(0.2)	97.9	(0.2)	2.1	(0.2)
	Hong Kong-China	**-41.3**	(6.3)	-12.5	(8.1)	**22.9**	(7.9)	**56.0**	(7.0)	18.2	(1.3)	81.8	(1.3)	71.8	(2.7)	28.2	(2.7)	41.3	(1.2)	58.7	(1.2)
	Indonesia	**-15.4**	(7.5)	12.0	(8.5)	**31.6**	(10.7)	**36.8**	(9.0)	18.5	(3.7)	81.5	(3.7)	68.9	(4.3)	31.1	(4.3)	50.0	(4.2)	50.0	(4.2)
	Israel	**26.9**	(5.3)	**61.1**	(5.5)	**100.6**	(7.0)	**110.9**	(8.6)	8.1	(1.3)	91.9	(1.3)	15.5	(1.5)	84.5	(1.5)	14.5	(1.6)	85.5	(1.6)
	Jordan	**18.7**	(4.5)	**44.1**	(4.4)	**60.6**	(5.4)	**75.1**	(5.5)	100.0	(0.0)	a	a	100.0	(0.0)	a	a	100.0	(0.0)	a	a
	Kyrgyzstan	**15.1**	(3.3)	**38.7**	(4.6)	**43.9**	(5.6)	**50.8**	(6.7)	77.6	(2.0)	22.4	(2.0)	74.9	(1.6)	25.1	(1.6)	72.7	(1.8)	27.3	(1.8)
	Latvia	**20.9**	(6.8)	**44.4**	(7.4)	**76.9**	(7.0)	**86.9**	(7.0)	98.4	(0.7)	1.6	(0.7)	97.5	(0.6)	2.5	(0.6)	96.1	(0.5)	3.9	(0.5)
	Liechtenstein[2]	c	c	**25.4**	(9.6)	**46.8**	(14.7)	c	c	c	c	c	c	92.8	(1.3)	7.2	(1.3)	87.5	(1.0)	12.5	(1.0)
	Lithuania	**37.9**	(8.6)	**65.8**	(8.2)	**92.4**	(8.1)	**86.7**	(8.8)	100.0	(0.0)	a	a	100.0	(0.0)	a	a	100.0	(0.0)	0.0	(0.0)
	Macao-China	**-28.1**	(4.5)	2.9	(4.3)	**24.4**	(4.9)	**54.7**	(4.7)	29.9	(1.5)	70.1	(1.5)	80.6	(1.5)	19.4	(1.5)	64.4	(0.4)	35.6	(0.4)
	Montenegro	**21.9**	(4.2)	**47.9**	(4.3)	**61.2**	(4.7)	**65.3**	(5.8)	1.1	(0.5)	98.9	(0.5)	0.4	(0.3)	99.6	(0.3)	0.1	(0.1)	99.9	(0.1)
	Qatar	**17.3**	(3.6)	**45.7**	(3.4)	**79.4**	(4.2)	**87.6**	(5.1)	23.9	(1.2)	76.1	(1.2)	30.0	(0.8)	70.0	(0.8)	17.1	(0.5)	82.9	(0.5)
	Romania	**18.5**	(5.8)	**45.5**	(6.5)	**55.9**	(6.7)	**59.1**	(8.0)	100.0	(0.0)	a	a	100.0	(0.0)	a	a	100.0	(0.0)	a	a
	Russian Federation	**14.7**	(4.9)	**30.7**	(5.8)	**53.3**	(5.8)	**63.5**	(6.6)	44.2	(4.5)	55.8	(4.5)	45.3	(3.5)	54.7	(3.5)	33.8	(1.8)	66.2	(1.8)
	Serbia	**20.3**	(4.9)	**38.4**	(5.3)	**63.1**	(6.1)	**62.5**	(6.7)	1.7	(0.7)	98.3	(0.7)	2.3	(0.8)	97.7	(0.8)	1.7	(0.7)	98.3	(0.7)
	Slovenia	**13.0**	(5.0)	**32.9**	(4.9)	**57.4**	(5.4)	**67.9**	(5.8)	9.0	(3.0)	91.0	(3.0)	5.6	(1.1)	94.4	(1.1)	1.6	(0.4)	98.4	(0.4)
	Chinese Taipei	6.0	(5.9)	**39.6**	(5.9)	**45.4**	(5.9)	**46.3**	(6.2)	12.4	(1.5)	87.6	(1.5)	24.1	(1.8)	75.9	(1.8)	40.2	(1.3)	59.8	(1.3)
	Thailand[1]	a	a	**38.1**	(1.1)	**65.6**	(1.2)	**70.8**	(1.9)	a	a	a	a	a	a	100.0	(0.0)	34.2	(1.2)	65.8	(1.2)
	Tunisia	**27.3**	(5.3)	**39.7**	(5.6)	**67.4**	(6.7)	**67.0**	(6.8)	76.7	(2.6)	23.3	(2.6)	56.2	(2.1)	43.8	(2.1)	37.4	(1.8)	62.6	(1.8)
	Uruguay	**12.8**	(5.1)	**26.3**	(5.6)	**43.5**	(6.3)	**60.7**	(6.2)	44.9	(2.8)	55.1	(2.8)	34.4	(1.6)	65.6	(1.6)	27.5	(1.9)	72.5	(1.9)

1. As there are no students who do not spend any time in regular school lessons in science, the first column presents science performance for students who spend less than 2 hours per week in regular school lessons in science. Differences are computed based on students who spend less than 2 hours per week in regular school lessons in science.
2. As there are less than 30 students who do not spend any time in regular school lessons in science, the first column presents science performance for students who spend less than 2 hours per week in regular school lessons in science. Differences are computed based on students who spend less than 2 hours per week in regular school lessons in science.

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



[Part 1/2]

Table 4.2b Performance in mathematics, by learning time in regular school lessons in mathematics

		Mathematics performance for students who do not spend any time in regular school lessons in mathematics		Difference in mathematics performance between students who spend the following learning hours per week in regular school lessons in mathematics and students who do not spend any time in regular school lessons in mathematics							
				Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
		Mean score	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	464	(6.8)	-13.4	(7.4)	**55.8**	(7.3)	**70.7**	(7.1)	**79.2**	(7.4)
	Austria	480	(9.6)	-9.6	(9.6)	**42.3**	(10.1)	**27.3**	(9.7)	-2.1	(12.4)
	Belgium	442	(8.2)	**35.8**	(7.7)	**71.1**	(8.1)	**125.6**	(8.3)	**121.7**	(9.2)
	Canada	496	(6.1)	**-14.4**	(5.9)	**32.6**	(5.9)	**45.5**	(6.3)	**46.7**	(5.8)
	Czech Republic	438	(17.1)	18.4	(16.4)	**88.9**	(17.0)	**84.5**	(17.5)	**79.3**	(16.9)
	Denmark[2]	449	(8.2)	c	c	**70.7**	(7.6)	**70.0**	(8.1)	**60.7**	(9.1)
	Finland	503	(14.6)	**-4.3**	(14.8)	**50.6**	(14.5)	**54.0**	(15.1)	**61.0**	(17.1)
	France	414	(11.5)	11.9	(12.5)	**77.1**	(12.3)	**108.3**	(12.0)	**75.2**	(18.4)
	Germany	457	(17.5)	13.4	(12.7)	**77.9**	(17.7)	**53.6**	(17.5)	5.9	(15.8)
	Greece	389	(8.8)	**27.0**	(9.1)	**73.7**	(9.6)	**96.9**	(10.0)	**97.3**	(10.5)
	Hungary	436	(8.3)	11.0	(8.2)	**70.0**	(8.8)	**75.3**	(9.0)	**63.2**	(13.9)
	Iceland	442	(7.4)	c	c	**72.4**	(7.8)	**73.9**	(7.4)	**48.9**	(8.7)
	Ireland[2]	439	(11.7)	**25.5**	(11.6)	**81.8**	(11.6)	**65.5**	(11.8)	**30.7**	(12.5)
	Italy	390	(7.1)	**26.6**	(8.3)	**68.4**	(6.8)	**99.3**	(7.4)	**81.6**	(8.6)
	Japan[2]	442	(9.5)	c	c	**49.1**	(9.0)	**108.7**	(9.2)	**130.4**	(10.7)
	Korea	419	(13.4)	**32.2**	(14.1)	**101.3**	(13.3)	**141.9**	(13.1)	**158.7**	(16.3)
	Luxembourg	424	(9.3)	**28.1**	(10.8)	**69.5**	(9.7)	**83.9**	(9.6)	**34.3**	(11.7)
	Mexico	348	(7.6)	**23.8**	(7.2)	**55.6**	(7.4)	**92.0**	(7.6)	**71.2**	(7.5)
	Netherlands	471	(5.8)	**29.7**	(5.7)	**82.2**	(5.4)	**74.1**	(5.9)	**29.6**	(11.5)
	New Zealand	463	(11.4)	-22.0	(12.5)	**45.2**	(11.5)	**79.9**	(11.7)	**49.7**	(12.5)
	Norway	402	(9.0)	**43.5**	(10.0)	**99.0**	(8.9)	**107.7**	(9.4)	**56.7**	(12.7)
	Poland	442	(8.5)	2.5	(9.1)	**56.5**	(8.8)	**66.5**	(8.5)	**59.5**	(9.3)
	Portugal	455	(6.0)	**-58.1**	(6.4)	1.4	(6.8)	**45.9**	(6.4)	**48.4**	(8.1)
	Slovak Republic	431	(13.1)	**32.2**	(14.5)	**80.9**	(13.6)	**65.6**	(13.4)	**60.1**	(20.3)
	Spain	412	(7.9)	5.3	(9.0)	**76.7**	(8.1)	**92.4**	(8.4)	**40.0**	(9.9)
	Sweden	408	(13.5)	**60.1**	(14.7)	**106.8**	(13.4)	**85.3**	(13.3)	**60.6**	(18.7)
	Switzerland	504	(9.0)	-4.7	(10.5)	**37.6**	(9.5)	**32.3**	(9.9)	-2.0	(9.9)
	Turkey	375	(5.5)	-3.4	(6.5)	**27.7**	(6.9)	**80.1**	(8.2)	**91.1**	(10.8)
	United Kingdom	430	(12.5)	-8.7	(12.3)	**73.2**	(12.3)	**73.6**	(12.6)	**77.4**	(14.1)
	United States	431	(8.3)	0.1	(8.2)	**35.0**	(9.3)	**80.3**	(8.2)	**61.3**	(7.9)
	OECD average	436	(10.5)	10.7	(10.6)	**64.4**	(10.7)	**78.1**	(10.8)	**60.6**	(12.8)
Partners	Argentina	341	(8.8)	10.4	(8.4)	**57.0**	(9.2)	**91.0**	(9.3)	**69.1**	(11.1)
	Azerbaijan	454	(3.5)	**13.2**	(3.8)	**26.0**	(3.9)	**30.1**	(4.0)	**29.6**	(3.6)
	Brazil	300	(8.9)	**29.5**	(7.8)	**85.0**	(9.2)	**109.2**	(9.5)	**106.4**	(11.1)
	Bulgaria	361	(7.0)	**21.3**	(6.3)	**74.2**	(7.2)	**91.5**	(10.3)	**101.4**	(14.5)
	Chile	360	(5.3)	**18.8**	(5.4)	**44.5**	(6.0)	**83.4**	(7.5)	**97.8**	(7.1)
	Colombia	297	(11.9)	24.7	(12.7)	**70.9**	(11.7)	**87.9**	(11.7)	**110.9**	(12.6)
	Croatia	443	(7.2)	-6.7	(7.9)	**27.8**	(7.6)	**51.5**	(8.0)	7.4	(15.8)
	Estonia	446	(13.1)	**34.9**	(12.0)	**63.5**	(12.3)	**81.6**	(13.3)	**71.9**	(12.8)
	Hong Kong-China	426	(10.3)	**32.4**	(12.9)	**102.1**	(11.5)	**129.5**	(11.3)	**141.8**	(10.2)
	Indonesia	298	(11.4)	**36.7**	(11.1)	**87.3**	(12.2)	**118.8**	(12.1)	**111.9**	(13.8)
	Israel	418	(15.7)	-19.6	(14.8)	**17.1**	(15.5)	**59.3**	(15.1)	**46.8**	(15.7)
	Jordan	341	(5.4)	**18.5**	(5.3)	**47.9**	(6.0)	**76.9**	(6.2)	**72.2**	(6.8)
	Kyrgyzstan	280	(3.8)	**18.8**	(3.6)	**51.0**	(5.0)	**78.6**	(5.4)	**81.5**	(6.5)
	Latvia	419	(14.4)	10.3	(15.4)	**61.8**	(13.9)	**75.7**	(14.3)	**85.5**	(15.1)
	Liechtenstein[2]	487	(13.7)	c	c	**68.7**	(15.5)	**36.2**	(15.1)	c	c
	Lithuania	405	(7.7)	**27.4**	(7.9)	**95.6**	(8.6)	**108.7**	(8.2)	***97.2***	(8.9)
	Macao-China	446	(11.1)	4.4	(12.1)	**56.4**	(12.6)	**86.2**	(11.3)	***92.3***	(11.4)
	Montenegro	370	(5.2)	7.6	(6.2)	**50.5**	(6.2)	**54.3**	(6.3)	***41.0***	(6.9)
	Qatar	284	(4.0)	**13.3**	(4.4)	**35.6**	(5.5)	**78.5**	(4.8)	***73.9***	(5.7)
	Romania	362	(8.3)	**23.8**	(9.0)	**59.4**	(8.5)	**89.6**	(9.5)	***65.5***	(13.9)
	Russian Federation	400	(9.1)	**35.2**	(9.2)	**72.5**	(8.8)	**100.1**	(9.3)	***117.2***	(11.0)
	Serbia	384	(7.3)	**30.8**	(8.2)	**54.0**	(7.7)	**78.3**	(7.6)	***60.8***	(10.5)
	Slovenia	477	(6.6)	-9.1	(7.1)	**29.5**	(7.2)	**58.8**	(6.6)	***27.0***	(9.1)
	Chinese Taipei	437	(8.5)	**25.8**	(6.9)	**87.8**	(8.3)	**151.4**	(8.6)	***160.5***	(9.5)
	Thailand[1]	396	(1.6)	a	a	**57.2**	(1.5)	**91.6**	(1.6)	***80.9***	(2.4)
	Tunisia	323	(5.2)	5.5	(5.8)	**50.2**	(7.4)	**77.7**	(6.8)	***52.5***	(6.6)
	Uruguay	353	(7.1)	**24.3**	(8.1)	**99.3**	(8.0)	**97.5**	(7.7)	***94.8***	(11.2)

1. As there are no students who do not spend any time in regular school lessons in mathematics, the first column presents mathematics performance for students who spend less than 2 hours per week in regular school lessons in mathematics. Differences are computed based on students who spend less than 2 hours per week in regular school lessons in mathematics.
2. As there are less than 30 students who do not spend any time in regular school lessons in mathematics, the first column presents mathematics performance for students who spend less than 2 hours per week in regular school lessons in mathematics. Differences are computed based on students who spend less than 2 hours per week in regular school lessons in mathematics. Denmark, Iceland, and Japan were not included when calculating the OECD average.

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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[Part 2/2]

Table 4.2b Performance in mathematics, by learning time in regular school lessons in mathematics

		Difference in mathematics performance between students who spend the following learning hours per week in regular school lessons in mathematics and students who do not spend any time in regular school lessons in mathematics															
		Accounting for socio-economic background of students and schools								Accounting for socio-economic background of students and schools as well as learning time in out-of-school-time lessons and individual study in mathematics							
		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
		Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	-4.2	(6.7)	**52.6**	(6.6)	**60.8**	(6.1)	**68.6**	(6.5)	-10.1	(7.2)	**38.6**	(7.0)	**45.0**	(6.7)	**53.0**	(6.9)
	Austria	-3.1	(8.8)	**19.7**	(9.3)	11.9	(8.9)	-0.0	(11.7)	1.5	(9.6)	**29.9**	(10.0)	**28.7**	(9.5)	**30.9**	(10.7)
	Belgium	**19.2**	(6.5)	**38.9**	(6.4)	**71.1**	(6.3)	**73.2**	(8.8)	**15.3**	(7.2)	**33.2**	(7.1)	**64.8**	(7.0)	**75.7**	(9.5)
	Canada	**-14.7**	(5.7)	**28.1**	(5.4)	**38.3**	(6.0)	**37.0**	(5.7)	-5.6	(5.8)	**38.2**	(5.7)	**45.9**	(6.2)	**45.7**	(5.9)
	Czech Republic	11.9	(16.1)	**53.0**	(15.5)	**57.2**	(16.1)	**51.2**	(16.0)	15.3	(15.9)	**56.8**	(15.6)	**64.0**	(16.2)	**62.4**	(16.1)
	Denmark[2]	c	c	**59.9**	(7.2)	**57.4**	(7.7)	**49.2**	(8.3)	c	c	**58.4**	(7.3)	**58.0**	(7.7)	**55.6**	(8.2)
	Finland	-1.8	(12.7)	**45.2**	(12.5)	**47.9**	(13.1)	**56.4**	(15.2)	-3.1	(12.7)	**37.4**	(12.4)	**40.5**	(13.1)	**50.6**	(15.6)
	France	3.8	(10.7)	**40.8**	(10.5)	**54.9**	(10.0)	**36.3**	(15.0)	4.3	(10.9)	**38.5**	(10.5)	**51.5**	(10.1)	**38.7**	(14.6)
	Germany	-0.5	(10.4)	**23.9**	(10.0)	16.0	(10.6)	-3.6	(10.2)	3.8	(9.9)	**25.2**	(10.0)	19.9	(10.5)	11.2	(10.9)
	Greece	**25.1**	(8.1)	**55.8**	(8.2)	**71.9**	(8.7)	**72.8**	(9.0)	**22.9**	(8.5)	**51.3**	(8.5)	**66.1**	(9.2)	**64.7**	(9.7)
	Hungary	3.5	(7.8)	**32.5**	(8.4)	**38.4**	(8.3)	**30.8**	(10.9)	8.1	(7.9)	**38.5**	(8.6)	**46.7**	(8.7)	**48.6**	(11.6)
	Iceland	c	c	**67.7**	(7.8)	**68.5**	(7.3)	**45.6**	(8.5)	c	c	**54.3**	(8.1)	**55.5**	(7.7)	**39.5**	(9.0)
	Ireland[2]	20.1	(11.2)	**65.4**	(10.8)	**49.5**	(11.1)	21.8	(11.7)	**22.0**	(10.7)	**63.7**	(10.2)	**49.4**	(10.5)	**27.6**	(11.2)
	Italy	**16.4**	(7.3)	**39.9**	(6.0)	**69.2**	(6.9)	**57.6**	(7.8)	**18.1**	(7.5)	**42.4**	(6.2)	**71.6**	(7.0)	**67.5**	(8.2)
	Japan[2]	c	c	**32.1**	(8.3)	**61.7**	(8.7)	**74.7**	(10.2)	c	c	**30.7**	(8.1)	**58.8**	(8.5)	**72.1**	(9.7)
	Korea	**32.3**	(15.8)	**86.6**	(14.6)	**112.9**	(14.0)	**123.1**	(14.0)	18.5	(15.1)	**67.9**	(13.4)	**85.8**	(12.7)	**90.1**	(12.8)
	Luxembourg	19.5	(10.4)	**47.3**	(9.4)	**50.6**	(9.1)	14.1	(11.1)	**26.4**	(10.0)	**49.8**	(9.0)	**54.1**	(9.0)	**29.0**	(10.9)
	Mexico	**22.9**	(6.4)	**48.3**	(6.3)	**71.6**	(6.0)	**55.8**	(6.1)	**21.3**	(6.6)	**46.6**	(6.7)	**68.8**	(6.3)	**55.8**	(6.6)
	Netherlands	8.0	(5.5)	**41.8**	(5.5)	**40.8**	(5.1)	10.1	(9.8)	**17.7**	(5.9)	**47.5**	(5.6)	**47.6**	(5.4)	**40.2**	(9.6)
	New Zealand	-16.1	(11.6)	**31.7**	(11.3)	**61.4**	(11.5)	**35.1**	(11.5)	-15.0	(11.8)	**25.8**	(11.7)	**49.6**	(12.0)	**33.7**	(12.3)
	Norway	**38.1**	(10.2)	**89.2**	(9.2)	**94.9**	(9.4)	**48.3**	(12.9)	**38.1**	(11.2)	**84.2**	(10.2)	**92.2**	(10.5)	**60.2**	(13.0)
	Poland	6.0	(9.1)	**52.6**	(8.7)	**60.4**	(8.0)	**51.3**	(8.8)	6.7	(9.0)	**51.5**	(8.7)	**59.0**	(8.0)	**52.7**	(8.8)
	Portugal	**-33.7**	(6.2)	**14.1**	(6.6)	**44.9**	(5.9)	**43.5**	(7.7)	**-39.2**	(8.6)	5.3	(8.9)	**37.0**	(8.5)	**38.7**	(10.9)
	Slovak Republic	**25.5**	(10.1)	**51.3**	(9.8)	**44.6**	(9.8)	**32.1**	(13.3)	**24.1**	(10.0)	**50.6**	(9.5)	**45.7**	(9.7)	**37.0**	(13.5)
	Spain	5.3	(8.4)	**67.7**	(7.6)	**75.9**	(7.8)	**30.7**	(9.1)	1.9	(9.0)	**57.4**	(8.0)	**65.6**	(8.4)	**27.7**	(9.5)
	Sweden	**44.3**	(13.8)	**90.8**	(12.4)	**71.7**	(12.4)	**40.0**	(16.6)	**44.4**	(14.5)	**85.1**	(13.3)	**75.7**	(12.9)	**44.4**	(17.9)
	Switzerland	-10.5	(9.8)	13.8	(9.6)	14.2	(10.1)	-10.4	(9.6)	-2.9	(9.8)	**22.9**	(9.4)	**23.7**	(10.0)	6.2	(9.8)
	Turkey	5.7	(7.5)	**33.9**	(6.8)	**58.6**	(6.5)	**65.6**	(7.5)	-3.3	(7.7)	**23.1**	(7.0)	**44.2**	(6.8)	**46.8**	(7.6)
	United Kingdom	-8.6	(11.2)	**54.4**	(10.6)	**52.6**	(10.6)	**57.4**	(11.4)	-15.7	(12.2)	**39.1**	(11.9)	**37.7**	(11.8)	**47.0**	(12.9)
	United States	-1.9	(7.3)	**23.0**	(8.0)	**56.0**	(7.0)	**45.7**	(7.0)	4.9	(7.5)	**33.7**	(8.1)	**63.1**	(7.2)	**57.6**	(7.6)
	OECD average	7.9	(9.9)	**46.0**	(9.5)	**55.5**	(9.5)	**42.4**	(11.0)	8.2	(10.1)	**43.9**	(9.7)	**53.5**	(9.7)	**46.1**	(11.3)
Partners	Argentina	10.1	(9.1)	**41.4**	(9.9)	**62.6**	(10.0)	**42.5**	(13.7)	8.6	(8.3)	**39.2**	(8.9)	**59.5**	(9.2)	**42.6**	(13.1)
	Azerbaijan	**12.7**	(3.9)	**25.5**	(4.1)	**29.6**	(4.1)	**28.8**	(3.8)	**9.8**	(3.9)	**21.7**	(4.2)	**26.3**	(4.3)	**26.0**	(3.9)
	Brazil	**22.6**	(7.5)	**61.2**	(8.0)	**76.5**	(7.6)	**80.5**	(8.8)	**19.6**	(7.6)	**58.3**	(8.1)	**74.0**	(7.7)	**80.8**	(8.8)
	Bulgaria	**20.5**	(6.1)	**47.2**	(6.4)	**58.6**	(8.1)	**66.3**	(9.5)	**17.8**	(6.6)	**44.9**	(6.9)	**59.2**	(8.8)	**69.1**	(11.0)
	Chile	**15.7**	(4.3)	**32.1**	(4.4)	**56.8**	(5.4)	**60.7**	(4.7)	**16.9**	(4.3)	**35.2**	(4.6)	**59.4**	(5.4)	**65.2**	(4.7)
	Colombia	22.6	(13.0)	**61.2**	(11.3)	**72.3**	(10.9)	**83.7**	(11.4)	20.9	(12.7)	**57.2**	(11.2)	**67.8**	(10.4)	**79.6**	(11.2)
	Croatia	0.2	(7.4)	**21.0**	(6.7)	**29.8**	(7.5)	8.2	(13.1)	1.7	(7.3)	**21.5**	(6.8)	**32.4**	(7.6)	21.1	(13.0)
	Estonia	**29.6**	(12.3)	**53.2**	(12.8)	**68.2**	(12.8)	**59.3**	(12.7)	**29.3**	(11.7)	**52.7**	(12.2)	**67.9**	(12.0)	**65.7**	(11.7)
	Hong Kong-China	**29.6**	(12.9)	**84.8**	(12.1)	**107.8**	(11.8)	**120.5**	(10.7)	19.5	(14.2)	**69.3**	(13.3)	**90.2**	(12.6)	**100.9**	(11.7)
	Indonesia	**28.6**	(11.8)	**69.1**	(11.2)	**92.2**	(11.3)	**98.9**	(13.1)	21.8	(11.6)	**61.0**	(11.1)	**83.8**	(11.1)	**90.6**	(13.0)
	Israel	-11.9	(14.7)	11.5	(15.4)	**43.6**	(15.3)	**34.4**	(15.3)	-4.6	(13.8)	26.7	(14.9)	**60.5**	(14.9)	**57.3**	(15.6)
	Jordan	**16.2**	(4.8)	**35.1**	(5.2)	**62.2**	(4.9)	**56.0**	(5.5)	**11.9**	(4.6)	**30.0**	(5.2)	**57.3**	(5.0)	**52.4**	(5.6)
	Kyrgyzstan	**12.3**	(3.1)	**35.4**	(3.6)	**55.7**	(4.3)	**57.9**	(5.2)	**11.0**	(3.3)	**34.2**	(3.9)	**54.9**	(4.6)	**60.4**	(5.5)
	Latvia	13.1	(15.6)	**59.5**	(14.1)	**69.3**	(14.4)	**77.1**	(15.2)	10.0	(16.0)	**55.5**	(14.6)	**68.2**	(14.7)	**80.2**	(15.3)
	Liechtenstein[2]	c	c	10.9	(14.7)	1.5	(13.8)	c	c	c	c	13.0	(15.7)	1.6	(13.9)	c	c
	Lithuania	**17.9**	(7.2)	**72.6**	(7.6)	**81.2**	(7.4)	**67.5**	(8.3)	**16.3**	(7.3)	**68.1**	(7.8)	**75.9**	(7.8)	**64.6**	(8.5)
	Macao-China	5.7	(12.0)	**56.4**	(12.6)	**84.0**	(11.5)	**88.4**	(11.5)	0.1	(12.5)	**50.0**	(12.8)	**74.3**	(11.9)	**77.2**	(11.8)
	Montenegro	11.2	(5.9)	**44.5**	(6.0)	**44.8**	(6.2)	**36.7**	(6.7)	9.3	(5.9)	**38.7**	(6.0)	**39.4**	(6.5)	**31.7**	(6.6)
	Qatar	**10.8**	(4.3)	**27.0**	(5.2)	**59.8**	(4.8)	**54.8**	(5.6)	7.6	(4.8)	**25.3**	(6.0)	**61.3**	(5.3)	**56.6**	(6.8)
	Romania	**19.6**	(8.4)	**40.4**	(8.2)	**57.6**	(9.3)	**43.7**	(11.6)	**17.5**	(7.9)	**37.1**	(7.8)	**54.0**	(8.9)	**43.5**	(11.8)
	Russian Federation	**29.7**	(9.5)	**59.9**	(9.3)	**84.5**	(9.6)	**95.5**	(11.2)	**25.5**	(9.9)	**53.5**	(9.6)	**76.7**	(10.0)	**88.1**	(11.8)
	Serbia	**22.4**	(8.3)	**37.5**	(7.6)	**45.3**	(7.7)	**35.9**	(9.7)	**17.3**	(8.4)	**32.3**	(7.6)	**41.6**	(8.0)	**39.3**	(10.3)
	Slovenia	-11.1	(6.3)	7.0	(6.7)	8.9	(6.3)	-8.2	(8.4)	-3.8	(6.3)	**16.6**	(6.6)	**20.6**	(6.5)	16.0	(9.0)
	Chinese Taipei	**24.1**	(6.7)	**74.0**	(7.1)	**110.1**	(6.7)	**111.7**	(7.7)	10.4	(6.9)	**50.4**	(7.2)	**80.6**	(7.1)	**79.1**	(8.0)
	Thailand[1]	a	a	**48.5**	(1.2)	**72.0**	(1.4)	**67.4**	(1.9)	a	a	**46.6**	(1.2)	**70.8**	(1.4)	**69.5**	(1.9)
	Tunisia	5.9	(5.9)	**35.4**	(5.7)	**55.4**	(5.7)	**37.9**	(5.7)	3.6	(6.1)	**33.1**	(6.0)	**52.5**	(5.9)	**35.8**	(6.2)
	Uruguay	**22.4**	(7.4)	**72.0**	(6.7)	**69.2**	(6.8)	**65.9**	(9.4)	**25.0**	(7.8)	**72.8**	(7.1)	**69.3**	(7.3)	**68.9**	(10.1)

1. As there are no students who do not spend any time in regular school lessons in mathematics, the first column presents mathematics performance for students who spend less than 2 hours per week in regular school lessons in mathematics. Differences are computed based on students who spend less than 2 hours per week in regular school lessons in mathematics.
2. As there are less than 30 students who do not spend any time in regular school lessons in mathematics, the first column presents mathematics performance for students who spend less than 2 hours per week in regular school lessons in mathematics. Differences are computed based on students who spend less than 2 hours per week in regular school lessons in mathematics. Denmark, Iceland, and Japan were not included when calculating the OECD average.

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 4.2c [Part 1/2] Performance in reading, by learning time in regular school lessons on the language of instruction

		Reading performance for students who do not spend any time in regular school lessons on the language of instruction		Difference in reading performance between students who spend the following learning hours per week in regular school lessons on the language of instruction and students who do not spend any time in regular school lessons on the language of instruction							
				Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
		Mean score	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	420	(10.1)	19.8	(10.1)	**95.1**	(10.1)	**110.4**	(10.3)	**99.4**	(10.9)
	Austria	453	(11.1)	12.2	(11.3)	**63.2**	(10.7)	8.5	(13.3)	**-50.2**	(15.0)
	Belgium	433	(14.8)	**48.0**	(12.6)	**83.5**	(14.9)	**96.5**	(15.0)	14.6	(18.5)
	Canada	502	(5.5)	**-26.2**	(6.5)	**27.5**	(6.1)	**39.7**	(5.6)	**45.4**	(5.7)
	Czech Republic	401	(15.1)	**38.9**	(17.1)	**104.8**	(15.3)	**87.0**	(15.9)	**62.0**	(17.7)
	Denmark[2]	409	(10.6)	c	c	**71.8**	(12.0)	**94.8**	(10.4)	**92.3**	(10.7)
	Finland	500	(12.5)	7.5	(13.8)	**55.0**	(13.2)	**55.5**	(13.2)	**53.3**	(17.5)
	France	387	(14.4)	24.0	(13.3)	**91.4**	(14.0)	**128.7**	(14.1)	**95.9**	(20.0)
	Germany	455	(16.3)	16.7	(13.4)	**77.8**	(16.3)	**48.3**	(15.9)	9.5	(15.0)
	Greece	368	(9.8)	**54.5**	(9.0)	**109.0**	(9.5)	**122.7**	(10.4)	**121.2**	(10.7)
	Hungary	390	(14.5)	**42.1**	(14.2)	**102.0**	(14.1)	**131.8**	(14.9)	**103.1**	(18.3)
	Iceland[2]	410	(7.7)	c	c	**79.6**	(8.2)	**88.0**	(7.7)	**71.0**	(9.3)
	Ireland	456	(15.4)	23.8	(14.9)	**83.4**	(14.9)	**65.6**	(14.8)	23.8	(15.1)
	Italy	379	(9.7)	**27.0**	(10.0)	**81.0**	(9.4)	**116.6**	(9.5)	**99.4**	(10.4)
	Japan[2]	419	(8.8)	c	c	**67.2**	(7.3)	**106.7**	(8.8)	**119.7**	(13.5)
	Korea	425	(19.0)	**45.6**	(16.9)	**115.1**	(18.9)	**145.3**	(18.8)	**153.8**	(19.1)
	Luxembourg	438	(7.7)	-12.8	(9.2)	**48.5**	(8.1)	**65.9**	(7.9)	19.2	(11.8)
	Mexico	367	(7.8)	8.3	(7.1)	**54.1**	(8.0)	**80.2**	(8.2)	**44.6**	(8.3)
	Netherlands	470	(12.6)	19.4	(12.2)	**55.5**	(11.5)	**34.9**	(12.8)	**-58.6**	(19.4)
	New Zealand	414	(17.7)	13.7	(19.6)	**88.5**	(18.1)	**132.9**	(17.8)	**94.3**	(18.7)
	Norway	367	(15.0)	**60.2**	(14.2)	**129.1**	(14.8)	**148.0**	(15.0)	**116.9**	(17.7)
	Poland	410	(9.8)	**29.7**	(10.4)	**80.4**	(10.5)	**114.7**	(9.7)	**108.8**	(10.1)
	Portugal	413	(13.8)	-11.6	(13.6)	**77.1**	(12.9)	**73.1**	(13.2)	**82.4**	(14.8)
	Slovak Republic	374	(21.2)	**72.9**	(20.5)	**116.2**	(21.3)	**83.8**	(22.4)	**96.0**	(26.1)
	Spain	384	(7.9)	13.6	(8.5)	**86.8**	(8.1)	**99.4**	(8.0)	**51.2**	(11.8)
	Sweden	432	(19.0)	**43.0**	(20.2)	**90.7**	(19.0)	**64.8**	(19.4)	29.3	(21.5)
	Switzerland	485	(12.6)	**-30.3**	(12.1)	**27.5**	(12.8)	**26.2**	(12.5)	-19.5	(13.7)
	Turkey	392	(13.0)	10.2	(12.5)	**47.3**	(12.7)	**83.1**	(13.1)	**64.5**	(14.1)
	United Kingdom	412	(19.4)	0.0	(18.4)	**92.0**	(19.1)	**95.9**	(19.7)	**89.9**	(20.2)
	United States	m	m	m	m	m	m	m	m	m	m
	OECD average	420	(13.9)	21.2	(13.7)	**80.1**	(13.8)	**86.9**	(14.1)	**59.6**	(16.1)
Partners	Argentina	329	(12.4)	**31.0**	(13.2)	**81.0**	(12.8)	**86.9**	(12.0)	**60.8**	(20.9)
	Azerbaijan	321	(6.8)	**20.6**	(7.0)	**41.2**	(7.0)	**48.4**	(6.3)	**48.2**	(7.4)
	Brazil	341	(7.5)	18.0	(11.2)	**73.4**	(7.9)	**87.8**	(8.9)	**72.5**	(9.4)
	Bulgaria	327	(9.7)	**41.0**	(8.7)	**108.5**	(10.7)	**111.0**	(10.1)	**96.8**	(11.9)
	Chile	398	(8.6)	8.4	(8.1)	**42.5**	(8.4)	**82.3**	(9.1)	**84.5**	(9.4)
	Colombia	317	(12.7)	10.1	(12.4)	**71.3**	(12.1)	**95.3**	(12.2)	**72.3**	(13.9)
	Croatia	440	(10.5)	9.5	(9.6)	**39.6**	(9.6)	**61.1**	(10.5)	-12.2	(14.7)
	Estonia	430	(14.5)	**34.1**	(15.0)	**74.8**	(14.4)	**90.0**	(14.9)	**72.2**	(14.9)
	Hong Kong-China	461	(16.5)	-5.2	(15.4)	**67.1**	(16.8)	**90.4**	(15.6)	**83.1**	(17.0)
	Indonesia	303	(13.0)	**54.1**	(12.0)	**97.4**	(13.7)	**110.0**	(12.2)	**86.9**	(13.5)
	Israel	410	(9.2)	10.4	(9.8)	**55.6**	(8.8)	**67.3**	(9.7)	**53.0**	(10.8)
	Jordan	348	(7.8)	**32.3**	(7.5)	**54.2**	(7.8)	**86.8**	(8.3)	**87.2**	(8.2)
	Kyrgyzstan	237	(4.5)	**37.7**	(5.3)	**79.4**	(6.5)	**105.2**	(8.1)	**89.0**	(6.2)
	Latvia	418	(16.8)	28.7	(15.8)	**62.6**	(15.8)	**76.6**	(16.2)	**72.6**	(19.5)
	Liechtenstein[2]	466	(12.7)	c	c	**76.6**	(16.3)	**43.6**	(13.6)	c	c
	Lithuania	395	(14.0)	19.6	(13.4)	**81.3**	(13.7)	**104.7**	(14.2)	**91.9**	(15.1)
	Macao-China	417	(17.5)	13.8	(19.0)	**69.0**	(18.0)	**82.1**	(17.3)	**85.1**	(18.2)
	Montenegro	356	(4.0)	**10.3**	(4.8)	**61.0**	(5.3)	**76.1**	(4.8)	**40.4**	(6.3)
	Qatar	270	(4.7)	**28.9**	(5.5)	**47.9**	(5.5)	**95.9**	(6.2)	**92.0**	(7.6)
	Romania	302	(7.9)	**41.8**	(8.0)	**107.1**	(8.7)	**129.4**	(8.9)	**98.5**	(12.4)
	Russian Federation	392	(11.6)	**57.4**	(11.2)	**46.1**	(11.2)	**44.7**	(13.4)	**30.0**	(14.8)
	Serbia	349	(7.2)	**28.1**	(7.1)	**55.4**	(7.0)	**84.5**	(7.5)	**45.0**	(10.8)
	Slovenia	446	(6.2)	10.2	(6.9)	**50.8**	(6.6)	**85.7**	(6.4)	**66.5**	(9.3)
	Chinese Taipei	413	(10.1)	14.1	(9.0)	**64.9**	(9.6)	**110.7**	(9.9)	**114.8**	(10.1)
	Thailand[1]	400	(2.2)	a	a	**52.6**	(2.1)	**81.0**	(2.3)	**57.9**	(2.6)
	Tunisia	347	(9.1)	5.2	(7.6)	**37.4**	(8.2)	**77.1**	(8.4)	**34.3**	(9.9)
	Uruguay	364	(9.2)	17.7	(9.9)	**89.2**	(9.6)	**70.3**	(9.6)	21.5	(14.5)

1. As there are no students who do not spend any time in regular school lessons on the language of instruction, the first column presents language of instruction performance for students who spend less than 2 hours per week in regular school lessons on the language of instruction. Differences are computed based on students who spend less than 2 hours per week in regular school lessons on the language of instruction.
2. As there are less than 30 students who do not spend any time in regular school lessons on the language of instruction, the first column presents language of instruction performance for students who spend less than 2 hours per week in regular school lessons on the language of instruction. Differences are computed based on students who spend less than 2 hours per week in regular school lessons on the language of instruction. Denmark, Iceland, and Japan were not included when calculating the OECD average.

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 4.2c [Part 2/2] Performance in reading, by learning time in regular school lessons on the language of instruction

		Difference in reading performance between students who spend the following learning hours per week in regular school lessons on the language of instruction and students who do not spend any time in regular school lessons on the language of instruction															
		Accounting for socio-economic background of students and schools								Accounting for socio-economic background of students and schools as well as learning time in out-of-school-time lessons and individual study on the language of instruction							
		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
		Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	15.0	(10.8)	**77.6**	(10.6)	**87.1**	(10.7)	**78.5**	(11.2)	14.0	(11.0)	**66.8**	(10.8)	**74.5**	(10.9)	**73.1**	(11.5)
	Austria	8.7	(10.1)	**35.0**	(10.2)	3.8	(11.2)	**-35.0**	(14.4)	14.4	(10.2)	**43.3**	(10.4)	19.1	(11.8)	0.1	(14.4)
	Belgium	**33.8**	(10.6)	**54.7**	(11.9)	**56.6**	(12.1)	13.6	(16.3)	30.3	(9.8)	**46.9**	(10.4)	**49.2**	(10.7)	17.1	(16.1)
	Canada	**-19.7**	(6.0)	**25.1**	(5.4)	**35.8**	(5.0)	**38.7**	(5.4)	**-14.4**	(6.7)	**28.4**	(6.0)	**35.7**	(5.7)	**39.6**	(6.0)
	Czech Republic	**55.4**	(14.4)	**93.2**	(13.0)	**90.2**	(13.3)	**69.4**	(14.2)	**47.9**	(14.8)	**84.8**	(13.2)	**81.4**	(13.5)	**65.9**	(14.5)
	Denmark[2]	c	c	**61.4**	(11.5)	**81.6**	(10.9)	**80.5**	(10.9)	c	c	**56.9**	(11.4)	**75.5**	(10.7)	**75.1**	(10.9)
	Finland	4.7	(12.8)	**47.3**	(12.1)	**48.0**	(11.8)	**46.3**	(15.1)	-2.0	(12.5)	**32.4**	(11.9)	**31.2**	(11.7)	**29.8**	(15.0)
	France	26.8	(13.8)	**65.1**	(14.9)	**87.1**	(14.7)	**68.8**	(17.9)	23.6	(14.1)	**59.5**	(15.1)	**78.7**	(15.1)	**66.3**	(18.4)
	Germany	12.3	(9.6)	**39.0**	(9.2)	**32.9**	(8.8)	**23.3**	(10.2)	14.4	(9.6)	**36.6**	(8.8)	**32.0**	(8.6)	**37.5**	(9.8)
	Greece	**51.3**	(8.0)	**91.0**	(8.3)	**101.6**	(9.0)	**100.9**	(9.2)	**51.0**	(8.4)	**90.7**	(8.7)	**103.0**	(9.5)	**102.8**	(9.7)
	Hungary	**32.1**	(9.8)	**66.9**	(9.6)	**83.4**	(10.0)	**66.2**	(12.7)	**33.0**	(9.8)	**69.6**	(9.3)	**88.6**	(9.5)	**80.4**	(12.5)
	Iceland[2]	c	c	**74.3**	(8.2)	**83.8**	(7.8)	**68.1**	(9.3)	c	c	**57.3**	(8.1)	**65.3**	(7.5)	**56.9**	(8.9)
	Ireland	21.3	(13.3)	**68.5**	(13.6)	**54.3**	(13.7)	18.6	(14.1)	21.2	(12.7)	**61.7**	(13.0)	**50.6**	(13.3)	**26.9**	(13.7)
	Italy	**22.5**	(9.3)	**54.2**	(8.3)	**80.1**	(8.7)	**70.2**	(9.1)	**17.2**	(8.7)	**48.7**	(7.9)	**69.0**	(8.4)	**60.3**	(9.0)
	Japan[2]	c	c	**40.4**	(7.6)	**54.3**	(8.6)	**57.0**	(12.6)	c	c	**37.8**	(7.6)	**51.0**	(8.5)	**53.4**	(12.2)
	Korea	**48.3**	(18.1)	**101.5**	(19.8)	**122.8**	(19.9)	**128.1**	(19.7)	**35.8**	(17.9)	**88.7**	(19.4)	**106.4**	(19.5)	**111.5**	(19.6)
	Luxembourg	-7.5	(7.3)	**39.9**	(6.2)	**42.9**	(6.1)	17.6	(9.7)	0.8	(7.2)	**36.7**	(6.5)	**42.3**	(6.2)	**34.5**	(9.9)
	Mexico	11.8	(6.8)	**45.1**	(7.1)	**61.8**	(6.6)	**36.7**	(7.1)	7.0	(7.0)	**40.1**	(7.7)	**55.6**	(7.1)	**34.7**	(7.6)
	Netherlands	-1.3	(8.2)	**22.3**	(7.1)	**24.6**	(8.3)	**-42.2**	(17.2)	-1.2	(8.3)	**16.5**	(7.4)	**20.9**	(8.6)	**-38.5**	(16.5)
	New Zealand	20.6	(17.7)	**75.5**	(15.9)	**112.8**	(15.7)	**80.5**	(16.8)	23.2	(17.5)	**71.7**	(15.8)	**102.3**	(15.7)	**88.3**	(17.2)
	Norway	**57.7**	(13.9)	**121.7**	(14.1)	**137.2**	(14.0)	**104.9**	(17.5)	**55.5**	(13.5)	**114.1**	(13.5)	**129.4**	(13.7)	**112.3**	(17.6)
	Poland	**27.9**	(10.9)	**74.7**	(10.6)	**104.2**	(9.8)	**94.5**	(10.4)	**26.5**	(10.7)	**70.5**	(10.5)	**96.6**	(9.8)	**89.5**	(10.3)
	Portugal	-8.9	(12.7)	**61.5**	(11.7)	**57.0**	(12.2)	**64.2**	(13.8)	-3.7	(12.5)	**56.3**	(11.6)	**54.1**	(11.9)	**66.8**	(13.6)
	Slovak Republic	**56.8**	(13.2)	**80.0**	(13.2)	**61.7**	(13.9)	**69.3**	(19.1)	**48.9**	(14.3)	**68.7**	(14.6)	**50.3**	(15.3)	**54.8**	(19.3)
	Spain	11.8	(8.4)	**76.8**	(7.8)	**88.3**	(7.5)	**46.7**	(11.5)	7.8	(8.7)	**60.2**	(8.2)	**68.4**	(8.0)	**36.6**	(10.7)
	Sweden	32.6	(18.0)	**78.3**	(17.0)	**53.4**	(17.9)	9.2	(22.2)	30.6	(18.3)	**71.0**	(17.3)	**52.1**	(18.3)	**24.3**	(22.1)
	Switzerland	**-24.5**	(10.1)	**15.7**	(11.0)	14.1	(10.5)	**-25.5**	(11.4)	**-19.8**	(9.7)	13.2	(10.7)	**11.4**	(10.1)	-14.7	(11.2)
	Turkey	9.0	(11.2)	**36.1**	(11.5)	**56.0**	(12.0)	**47.5**	(12.2)	7.6	(11.6)	**34.0**	(11.7)	**54.0**	(12.1)	**46.3**	(12.1)
	United Kingdom	1.0	(18.8)	**73.8**	(19.1)	b	(19.0)	**71.1**	(18.5)	-5.5	(18.4)	**57.6**	(18.3)	**59.0**	(18.5)	**62.2**	(18.2)
	United States	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	OECD average	19.2	(12.2)	**62.3**	(12.1)	**67.9**	(12.2)	**48.5**	(14.3)	17.8	(12.2)	**56.5**	(12.0)	**62.1**	(12.2)	**50.3**	(14.3)
Partners	Argentina	26.7	(14.6)	**60.1**	(14.0)	**63.8**	(13.7)	26.5	(19.7)	21.2	(14.4)	**50.0**	(13.8)	**57.6**	(13.4)	28.9	(21.5)
	Azerbaijan	**19.0**	(7.0)	**38.4**	(7.0)	**42.6**	(6.8)	**40.3**	(7.4)	**20.0**	(7.4)	**39.2**	(7.5)	**43.5**	(7.5)	**43.4**	(8.6)
	Brazil	17.7	(9.5)	**57.0**	(7.9)	**67.4**	(8.9)	**58.5**	(8.9)	11.9	(9.4)	**51.9**	(8.0)	**64.5**	(9.0)	**60.8**	(9.4)
	Bulgaria	**25.3**	(7.8)	**59.7**	(8.4)	**69.8**	(8.9)	**60.1**	(11.1)	**21.7**	(8.0)	**54.9**	(8.5)	**67.6**	(9.3)	**62.3**	(11.8)
	Chile	12.2	(7.1)	**34.7**	(7.3)	**60.4**	(7.6)	**57.2**	(7.5)	**16.0**	(7.3)	**40.7**	(7.4)	**65.3**	(7.6)	**65.0**	(7.7)
	Colombia	6.4	(12.8)	**54.7**	(12.7)	**72.8**	(12.4)	**52.4**	(13.8)	8.1	(12.9)	**55.1**	(12.7)	**73.6**	(12.5)	**57.7**	(14.6)
	Croatia	16.6	(8.7)	**38.1**	(8.4)	**45.7**	(9.2)	5.8	(11.8)	**16.5**	(8.3)	**31.1**	(7.9)	**38.3**	(8.5)	9.9	(12.6)
	Estonia	26.6	(14.4)	**63.2**	(14.1)	**78.5**	(14.3)	**66.2**	(14.0)	22.0	(13.9)	**51.9**	(13.4)	**67.5**	(13.6)	**63.1**	(13.5)
	Hong Kong-China	-4.3	(13.9)	**54.2**	(14.5)	**76.0**	(13.3)	**72.0**	(14.9)	-7.6	(13.0)	**51.6**	(13.8)	**71.1**	(12.7)	**67.9**	(14.0)
	Indonesia	**50.7**	(10.5)	**81.3**	(11.5)	**90.1**	(11.1)	**87.3**	(12.2)	**44.6**	(10.6)	**74.7**	(11.3)	**85.0**	(10.9)	**84.5**	(12.1)
	Israel	13.3	(9.4)	**47.8**	(8.4)	**56.5**	(9.4)	**47.6**	(10.8)	**25.3**	(9.3)	**63.2**	(8.1)	**77.3**	(9.1)	**81.6**	(11.4)
	Jordan	**31.1**	(7.3)	**48.4**	(7.2)	**75.1**	(7.3)	**80.1**	(7.4)	**27.7**	(7.8)	**48.5**	(7.8)	**72.1**	(8.2)	**80.8**	(8.1)
	Kyrgyzstan	**24.3**	(5.2)	**57.7**	(6.3)	**79.7**	(6.7)	**68.8**	(6.3)	**22.0**	(5.0)	**54.2**	(5.9)	**73.3**	(6.6)	**66.0**	(5.8)
	Latvia	**29.5**	(14.3)	**60.4**	(14.5)	**72.7**	(14.7)	**68.8**	(16.2)	13.1	(15.1)	**43.3**	(15.2)	**58.5**	(15.3)	**60.4**	(17.0)
	Liechtenstein[2]	c	c	11.5	(11.5)	6.3	(10.4)	c	c	c	c	20.0	(11.5)	8.0	(10.4)	c	c
	Lithuania	16.7	(12.3)	**68.2**	(12.3)	**86.6**	(12.5)	**77.5**	(13.2)	10.2	(12.1)	**58.2**	(12.0)	**72.2**	(12.5)	**67.5**	(13.1)
	Macao-China	16.2	(18.2)	**68.2**	(17.4)	**82.4**	(16.8)	**84.2**	(17.5)	11.8	(18.2)	**64.5**	(17.3)	**76.8**	(16.7)	**80.4**	(17.4)
	Montenegro	**9.6**	(4.8)	**48.0**	(5.0)	**57.2**	(4.5)	**28.1**	(5.7)	**10.8**	(5.3)	**43.7**	(5.5)	**50.2**	(5.4)	**27.2**	(6.9)
	Qatar	**30.2**	(5.4)	**43.2**	(5.2)	**87.2**	(5.9)	**84.8**	(7.5)	**28.4**	(6.0)	**45.7**	(5.9)	**92.7**	(6.1)	**95.3**	(8.1)
	Romania	**31.9**	(8.7)	**77.6**	(9.3)	**92.0**	(9.4)	**73.0**	(12.4)	**27.9**	(8.8)	**69.2**	(9.5)	**80.0**	(9.8)	**60.0**	(14.0)
	Russian Federation	**46.4**	(10.6)	**34.8**	(10.4)	**32.3**	(11.6)	20.8	(13.6)	**42.7**	(9.6)	**32.6**	(9.7)	**33.2**	(11.3)	22.1	(12.9)
	Serbia	**22.6**	(6.4)	**41.5**	(6.6)	**48.4**	(6.9)	**26.5**	(9.5)	**17.4**	(6.3)	**35.3**	(6.5)	**43.3**	(7.0)	**25.8**	(9.8)
	Slovenia	12.3	(7.6)	**37.9**	(7.4)	**55.1**	(6.7)	**43.6**	(8.5)	14.0	(7.3)	**39.2**	(7.2)	**55.8**	(6.7)	**48.3**	(8.5)
	Chinese Taipei	9.9	(8.7)	**51.7**	(8.9)	**77.3**	(9.2)	**75.2**	(9.7)	4.7	(8.7)	**42.4**	(8.5)	**64.7**	(9.0)	**61.9**	(9.3)
	Thailand[1]	a	a	**46.1**	(1.7)	**67.0**	(1.7)	**53.2**	(2.0)	a	a	**44.5**	(1.6)	**67.3**	(1.7)	**59.9**	(1.9)
	Tunisia	**17.6**	(6.1)	**43.6**	(7.2)	**74.9**	(7.2)	**51.1**	(8.6)	**18.7**	(6.3)	**46.5**	(7.3)	**77.9**	(7.2)	**59.5**	(8.9)
	Uruguay	**19.6**	(9.1)	**65.5**	(8.9)	**65.3**	(8.6)	**35.8**	(12.1)	**19.6**	(9.8)	**61.6**	(9.6)	**60.7**	(9.2)	**35.3**	(13.0)

1. As there are no students who do not spend any time in regular school lessons on the language of instruction, the first column presents language of instruction performance for students who spend less than 2 hours per week in regular school lessons on the language of instruction. Differences are computed based on students who spend less than 2 hours per week in regular school lessons on the language of instruction.
2. As there are less than 30 students who do not spend any time in regular school lessons on the language of instruction, the first column presents language of instruction performance for students who spend less than 2 hours per week in regular school lessons on the language of instruction. Differences are computed based on students who spend less than 2 hours per week in regular school lessons on the language of instruction. Denmark, Iceland, and Japan were not included when calculating the OECD average.

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 4.3 Percentage of students who think it is very important to do well in each subject, by learning time in regular school lessons

		Science								Mathematics								Language of instruction							
		All students		Students who spend less than 6 hours in school regular lessons		Students who spend 6 hours or more in school regular lessons		Difference (less than 6 hours - 6 hours or more)		All students		Students who spend less than 6 hours in school regular lessons		Students who spend 6 hours or more in school regular lessons		Difference (less than 6 hours - 6 hours or more)		All students		Students who spend less than 6 hours in school regular lessons		Students who spend 6 hours or more in school regular lessons		Difference (less than 6 hours - 6 hours or more)	
		%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	31.2	(0.6)	29.2	(0.6)	58.6	(1.8)	**-29.4**	(1.9)	62.6	(0.7)	61.6	(0.7)	74.5	(1.5)	**-12.9**	(1.4)	64.9	(0.6)	64.4	(0.6)	73.5	(1.7)	**-9.1**	(1.8)
	Austria	21.6	(0.9)	20.4	(0.9)	37.7	(3.0)	**-17.3**	(3.3)	58.8	(0.9)	58.3	(0.9)	80.7	(2.5)	**-22.3**	(2.6)	55.2	(1.4)	55.1	(1.4)	77.5	(6.6)	**-22.3**	(6.5)
	Belgium	19.5	(0.6)	17.3	(0.6)	46.3	(2.1)	**-29.0**	(2.2)	47.0	(0.8)	46.7	(0.8)	60.3	(3.2)	**-13.6**	(3.3)	37.9	(0.8)	37.6	(0.9)	60.5	(5.2)	**-22.9**	(5.3)
	Canada	40.4	(0.6)	37.1	(0.7)	54.4	(1.6)	**-17.3**	(1.7)	67.6	(0.5)	66.3	(0.7)	72.2	(1.0)	**-5.9**	(1.3)	54.9	(0.6)	53.0	(0.6)	61.8	(1.0)	**-8.8**	(1.1)
	Czech Republic	15.0	(0.9)	12.9	(0.9)	26.7	(1.6)	**-13.8**	(1.9)	49.4	(1.1)	48.4	(1.2)	64.4	(3.1)	**-16.1**	(3.2)	47.7	(0.9)	47.4	(1.0)	57.8	(4.9)	-10.3	(5.3)
	Denmark	23.2	(0.8)	22.6	(0.7)	44.7	(6.3)	**-22.1**	(6.3)	63.3	(1.0)	62.0	(1.1)	74.1	(2.4)	**-12.0**	(2.7)	68.4	(0.8)	66.0	(1.0)	72.0	(1.1)	**-6.1**	(1.5)
	Finland	11.9	(0.6)	11.4	(0.6)	24.1	(3.6)	**-12.7**	(3.6)	32.6	(0.7)	32.6	(0.7)	37.3	(5.4)	-4.7	(5.3)	27.5	(0.9)	27.4	(0.9)	46.3	(4.7)	**-18.9**	(4.8)
	France	25.5	(1.0)	22.3	(0.9)	61.2	(2.5)	**-38.9**	(2.5)	51.8	(1.0)	51.5	(1.0)	64.2	(4.8)	**-12.7**	(4.9)	45.6	(0.9)	45.1	(0.9)	59.6	(4.1)	**-14.5**	(4.1)
	Germany	26.5	(0.8)	25.1	(0.8)	38.9	(2.5)	**-13.9**	(2.3)	67.1	(0.9)	66.3	(0.9)	78.2	(3.1)	**-11.9**	(3.1)	58.1	(0.9)	57.5	(0.8)	74.6	(3.1)	**-17.1**	(3.2)
	Greece	34.2	(0.9)	31.9	(0.9)	60.1	(2.4)	**-28.2**	(2.4)	52.5	(1.0)	51.1	(1.0)	75.4	(2.3)	**-24.3**	(2.2)	47.4	(1.0)	45.5	(1.0)	67.2	(2.1)	**-21.7**	(2.1)
	Hungary	16.4	(0.7)	15.3	(0.6)	36.6	(3.5)	**-21.3**	(3.4)	30.9	(1.0)	30.0	(0.9)	54.0	(4.6)	**-24.0**	(4.5)	35.2	(1.0)	34.0	(1.1)	71.6	(3.9)	**-37.6**	(4.0)
	Iceland	35.7	(0.8)	35.0	(0.8)	68.8	(5.4)	**-33.8**	(5.5)	80.7	(0.7)	79.9	(0.8)	86.2	(1.2)	**-6.3**	(1.5)	64.8	(0.7)	64.1	(0.8)	71.2	(1.7)	**-7.1**	(1.8)
	Ireland	30.3	(0.8)	29.9	(0.8)	52.1	(6.0)	**-22.1**	(6.0)	72.9	(0.7)	73.1	(0.8)	75.0	(2.5)	-1.9	(2.6)	62.8	(1.0)	62.0	(1.0)	76.2	(2.6)	**-14.2**	(2.7)
	Italy	28.4	(0.8)	26.8	(0.8)	40.2	(1.9)	**-13.3**	(1.9)	49.8	(0.7)	48.9	(0.8)	64.9	(2.0)	**-16.1**	(2.1)	58.5	(0.8)	56.3	(0.9)	66.0	(1.2)	**-9.7**	(1.5)
	Japan	24.8	(0.7)	24.6	(0.7)	36.7	(5.0)	**-12.1**	(4.9)	51.3	(1.1)	48.8	(1.1)	67.0	(1.9)	**-18.3**	(2.2)	49.5	(0.7)	48.9	(0.8)	60.6	(2.7)	**-11.7**	(2.7)
	Korea	24.6	(1.0)	23.8	(0.8)	44.0	(10.3)	-20.2	(10.4)	58.4	(1.0)	57.2	(1.0)	67.4	(2.0)	**-10.2**	(2.0)	55.2	(1.0)	54.2	(1.1)	65.6	(2.4)	**-11.4**	(2.7)
	Luxembourg	27.6	(0.7)	25.9	(0.7)	60.3	(3.4)	**-34.3**	(3.3)	52.0	(0.7)	51.2	(0.7)	68.9	(3.8)	**-17.6**	(3.8)	51.1	(0.7)	51.0	(0.8)	58.1	(3.7)	-7.1	(3.9)
	Mexico	41.6	(0.9)	40.5	(1.0)	46.7	(1.4)	**-6.3**	(1.5)	78.5	(0.6)	77.4	(0.7)	84.1	(1.1)	**-6.7**	(1.3)	67.9	(0.8)	66.6	(0.8)	74.6	(1.8)	**-8.0**	(1.7)
	Netherlands	23.3	(0.7)	21.3	(0.7)	51.0	(3.4)	**-29.7**	(3.3)	40.8	(0.9)	40.7	(1.0)	59.5	(6.8)	**-18.8**	(7.0)	38.0	(0.9)	37.5	(0.9)	62.0	(7.8)	**-24.5**	(7.6)
	New Zealand	33.6	(0.9)	31.4	(0.9)	57.7	(2.7)	**-26.3**	(2.9)	65.6	(0.7)	65.4	(0.8)	72.9	(2.7)	**-7.5**	(2.8)	61.9	(0.7)	61.3	(0.8)	72.9	(2.7)	**-11.6**	(3.0)
	Norway	28.6	(0.8)	28.4	(0.9)	45.1	(7.5)	**-16.7**	(7.6)	56.4	(1.0)	56.6	(1.0)	61.6	(4.6)	-5.0	(4.4)	41.7	(1.0)	41.8	(1.0)	43.5	(2.6)	-1.7	(2.9)
	Poland	23.6	(0.7)	22.5	(0.7)	50.3	(4.1)	**-27.8**	(4.2)	36.1	(0.8)	35.0	(0.8)	44.7	(1.9)	**-9.7**	(1.9)	42.2	(0.7)	40.7	(0.8)	49.1	(1.5)	**-8.4**	(1.7)
	Portugal	38.4	(1.0)	32.1	(1.1)	62.0	(1.8)	**-29.9**	(2.1)	54.9	(1.0)	53.4	(1.1)	70.5	(2.3)	**-17.0**	(2.5)	43.4	(1.1)	42.9	(1.1)	50.6	(3.8)	**-7.7**	(3.7)
	Slovak Republic	16.7	(0.7)	15.0	(0.7)	32.6	(2.5)	**-17.6**	(2.5)	47.4	(1.2)	47.1	(1.2)	60.2	(5.0)	**-13.0**	(5.0)	53.9	(1.0)	53.9	(1.0)	69.8	(5.7)	**-15.8**	(5.8)
	Spain	36.4	(0.8)	33.2	(0.8)	63.1	(1.8)	**-29.9**	(2.1)	55.8	(0.7)	56.1	(0.7)	61.9	(4.2)	-5.8	(4.3)	47.7	(0.6)	47.8	(0.7)	58.4	(3.6)	**-10.6**	(3.7)
	Sweden	27.0	(0.8)	26.7	(0.8)	56.5	(6.1)	**-29.8**	(6.1)	58.8	(0.9)	58.9	(0.9)	62.5	(7.4)	-3.5	(7.4)	61.5	(1.1)	61.2	(1.1)	79.1	(5.1)	**-17.9**	(4.6)
	Switzerland	16.9	(0.6)	15.6	(0.5)	38.6	(2.8)	**-23.0**	(2.7)	60.6	(0.9)	59.9	(0.9)	68.1	(2.3)	**-8.2**	(2.4)	52.6	(0.8)	51.7	(0.8)	71.2	(2.7)	**-19.5**	(2.8)
	Turkey	44.1	(1.1)	39.5	(1.2)	65.3	(1.8)	**-25.9**	(2.2)	69.8	(1.0)	68.3	(1.0)	85.1	(2.2)	**-16.7**	(2.3)	64.6	(1.3)	62.6	(1.4)	80.7	(2.2)	**-18.2**	(2.3)
	United Kingdom	41.3	(0.8)	39.3	(0.8)	55.9	(2.2)	**-16.7**	(2.2)	66.4	(0.9)	66.0	(0.9)	78.9	(2.3)	**-12.9**	(2.5)	67.7	(0.8)	67.6	(0.8)	74.4	(2.6)	**-6.8**	(2.6)
	United States	43.0	(0.6)	41.3	(0.7)	56.5	(1.9)	**-15.3**	(2.0)	68.7	(0.9)	67.7	(0.9)	76.1	(1.7)	**-8.4**	(1.7)	60.2	(0.9)	59.6	(1.0)	67.3	(1.9)	**-7.7**	(1.8)
	OECD average	28.4	(0.1)	26.6	(0.1)	49.1	(0.7)	**-22.5**	(0.7)	57.0	(0.2)	56.2	(0.2)	68.4	(0.6)	**-12.1**	(0.6)	52.9	(0.2)	52.1	(0.2)	65.8	(0.7)	**-13.6**	(0.7)
Partners	Argentina	41.9	(1.1)	40.9	(1.1)	55.5	(5.5)	**-14.5**	(5.6)	61.0	(1.1)	60.9	(1.1)	75.0	(4.0)	**-14.0**	(4.3)	49.3	(1.1)	49.5	(1.2)	46.9	(6.9)	2.7	(7.1)
	Azerbaijan	54.3	(1.2)	52.4	(1.2)	64.4	(3.1)	**-12.0**	(3.2)	50.2	(1.2)	46.8	(1.3)	60.3	(1.9)	**-13.6**	(1.8)	69.6	(1.2)	67.9	(1.3)	79.6	(1.7)	**-11.7**	(1.8)
	Brazil	41.4	(0.7)	40.5	(0.7)	60.4	(4.6)	**-19.9**	(4.6)	64.2	(0.8)	63.4	(0.9)	74.3	(2.2)	**-10.9**	(2.3)	71.1	(0.7)	70.4	(0.8)	79.4	(1.8)	**-9.0**	(1.9)
	Bulgaria	31.9	(1.0)	29.7	(1.0)	47.2	(2.5)	**-17.5**	(2.6)	58.2	(1.4)	57.0	(1.5)	77.1	(2.4)	**-20.2**	(2.5)	61.3	(1.3)	60.9	(1.4)	78.4	(2.8)	**-17.5**	(2.8)
	Chile	47.0	(1.1)	45.7	(1.1)	65.3	(3.3)	**-19.5**	(3.2)	77.1	(0.7)	76.3	(0.8)	83.1	(1.3)	**-6.7**	(1.4)	72.1	(1.1)	71.5	(1.2)	77.9	(1.3)	**-6.4**	(1.5)
	Colombia	53.4	(1.2)	51.4	(1.2)	70.0	(3.8)	**-18.6**	(4.1)	70.4	(0.8)	69.0	(0.9)	77.9	(2.2)	**-8.9**	(2.4)	63.3	(1.3)	62.2	(1.5)	73.7	(3.2)	**-11.4**	(3.3)
	Croatia	18.7	(0.8)	18.3	(0.8)	39.2	(4.9)	**-20.9**	(4.9)	37.0	(1.0)	36.8	(0.9)	51.9	(6.8)	**-15.1**	(6.7)	42.0	(1.1)	41.9	(1.1)	47.7	(5.4)	-5.7	(5.6)
	Estonia	24.1	(0.8)	23.2	(0.9)	30.7	(2.2)	**-7.4**	(2.4)	58.6	(1.0)	58.2	(1.0)	65.0	(2.3)	**-6.8**	(2.3)	54.6	(0.9)	54.5	(0.9)	58.9	(3.9)	-4.4	(4.0)
	Hong Kong-China	34.6	(0.9)	23.7	(1.1)	60.0	(1.6)	**-36.3**	(2.1)	55.9	(1.3)	52.2	(1.6)	60.8	(1.4)	**-8.6**	(1.8)	52.8	(1.0)	49.9	(1.5)	57.2	(1.5)	**-7.3**	(2.3)
	Indonesia	43.1	(1.4)	40.9	(1.4)	58.3	(2.4)	**-17.5**	(2.5)	60.1	(0.9)	58.8	(1.0)	67.0	(2.2)	**-8.2**	(2.3)	58.2	(1.0)	56.9	(1.1)	68.5	(2.1)	**-11.6**	(2.4)
	Israel	34.6	(0.9)	32.0	(1.0)	61.7	(3.4)	**-29.7**	(3.5)	68.7	(1.1)	67.1	(1.2)	83.0	(1.3)	**-15.9**	(1.4)	50.3	(1.1)	48.7	(1.1)	63.2	(3.2)	**-14.5**	(3.2)
	Jordan	59.3	(0.8)	57.1	(0.9)	70.9	(1.9)	**-13.8**	(2.0)	58.1	(1.0)	55.6	(1.1)	71.6	(1.8)	**-15.9**	(1.8)	52.9	(1.0)	51.2	(1.1)	61.2	(1.7)	**-10.0**	(1.9)
	Kyrgyzstan	49.4	(0.9)	47.3	(1.0)	57.8	(3.1)	**-10.5**	(3.3)	61.9	(0.9)	59.8	(0.9)	72.4	(1.8)	**-12.6**	(1.9)	64.8	(0.7)	63.2	(0.7)	73.4	(2.3)	**-10.3**	(2.4)
	Latvia	15.4	(0.7)	13.9	(0.7)	31.1	(2.1)	**-17.1**	(2.1)	61.0	(0.9)	60.1	(1.0)	66.6	(1.9)	**-6.6**	(2.1)	52.2	(1.0)	51.9	(1.0)	60.8	(3.0)	**-8.9**	(3.1)
	Liechtenstein	20.0	(1.8)	19.1	(2.0)	31.4	(9.6)	-12.3	(10.7)	54.8	(2.6)	53.2	(2.6)	71.6	(8.9)	**-18.4**	(8.7)	45.6	(2.4)	44.7	(2.5)	53.7	(15.3)	-9.0	(15.7)
	Lithuania	32.7	(0.8)	32.0	(0.8)	47.6	(3.6)	**-15.6**	(3.8)	61.8	(0.9)	61.3	(0.9)	70.1	(2.8)	**-8.8**	(2.8)	63.1	(1.1)	62.2	(1.2)	73.2	(2.5)	**-11.0**	(2.8)
	Macao-China	26.4	(0.9)	21.4	(1.0)	40.3	(1.9)	**-18.9**	(2.1)	39.1	(0.9)	35.8	(1.2)	43.1	(1.4)	**-7.2**	(1.8)	60.1	(1.1)	56.2	(1.5)	65.3	(1.6)	**-9.1**	(2.2)
	Montenegro	33.4	(0.8)	31.3	(0.9)	47.7	(2.4)	**-16.3**	(2.8)	37.4	(0.7)	35.8	(0.8)	49.0	(2.4)	**-13.2**	(2.5)	56.3	(0.7)	54.9	(0.8)	70.6	(2.3)	**-15.7**	(2.5)
	Qatar	51.7	(0.6)	50.2	(0.6)	64.0	(1.8)	**-13.8**	(1.8)	49.2	(0.7)	47.8	(0.7)	62.1	(2.0)	**-14.3**	(2.0)	46.5	(0.7)	45.3	(0.7)	55.7	(2.2)	**-10.4**	(2.3)
	Romania	24.9	(0.7)	23.7	(0.8)	36.7	(2.2)	**-13.0**	(2.6)	55.3	(1.5)	53.8	(1.7)	77.7	(3.1)	**-23.9**	(3.5)	63.3	(1.1)	62.5	(1.2)	80.0	(3.2)	**-17.5**	(3.5)
	Russian Federation	22.5	(0.7)	21.4	(0.8)	26.2	(1.5)	**-4.7**	(1.8)	53.8	(1.1)	52.6	(1.2)	65.3	(2.5)	**-12.7**	(2.5)	54.3	(0.9)	54.1	(0.9)	64.9	(5.4)	-10.8	(5.7)
	Serbia	21.8	(0.8)	20.1	(0.8)	34.3	(2.5)	**-14.2**	(2.5)	33.0	(0.9)	32.5	(0.9)	46.1	(3.8)	**-13.6**	(3.8)	45.7	(0.9)	45.3	(0.9)	58.0	(3.2)	**-12.7**	(3.5)
	Slovenia	21.5	(0.6)	19.9	(0.6)	32.7	(2.5)	**-12.8**	(2.6)	45.8	(0.8)	45.8	(0.9)	53.8	(4.2)	-8.0	(4.3)	44.8	(0.8)	44.7	(0.8)	55.6	(4.7)	**-10.9**	(4.7)
	Chinese Taipei	27.4	(0.6)	25.8	(0.6)	48.1	(2.4)	**-22.3**	(2.6)	44.7	(0.9)	42.3	(1.0)	55.7	(1.3)	**-13.5**	(1.5)	47.1	(0.6)	46.3	(0.7)	51.6	(1.3)	**-5.3**	(1.5)
	Thailand	60.9	(0.9)	57.0	(1.0)	82.7	(1.6)	**-25.7**	(1.8)	69.0	(0.8)	67.6	(0.8)	84.9	(1.9)	**-17.3**	(2.2)	55.2	(1.0)	55.1	(1.0)	61.8	(7.2)	-6.7	(7.3)
	Tunisia	60.3	(1.1)	58.7	(1.1)	74.8	(2.4)	**-16.1**	(2.5)	58.2	(1.0)	56.6	(1.1)	75.4	(2.4)	**-18.8**	(2.8)	46.0	(1.3)	44.2	(1.3)	69.0	(2.8)	**-24.9**	(2.8)
	Uruguay	37.0	(0.9)	35.7	(1.0)	53.7	(2.6)	**-18.0**	(2.6)	59.1	(0.9)	58.3	(0.9)	74.3	(3.6)	**-16.0**	(3.6)	46.0	(0.9)	45.6	(0.9)	67.1	(5.7)	**-21.5**	(5.7)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 4.4 Percentage of students who take optional science courses, by learning time in regular lessons in science

		Percentage of students who take optional science courses										Difference (4 to 6 hours - 6 hours or more)	
		No time		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week			
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	61.3	(2.9)	44.3	(2.1)	37.7	(1.6)	35.5	(1.7)	61.7	(2.2)	**-26.2**	(2.1)
	Austria	25.4	(2.4)	22.5	(1.3)	16.6	(1.3)	11.1	(1.5)	21.4	(3.9)	**-10.3**	(3.8)
	Belgium	18.9	(2.2)	19.3	(1.0)	13.5	(0.9)	58.8	(1.8)	50.0	(2.7)	**8.8**	(3.2)
	Canada	19.6	(1.7)	27.6	(1.6)	23.2	(1.1)	26.4	(1.0)	30.8	(1.1)	**-4.4**	(1.4)
	Czech Republic	17.9	(2.9)	24.6	(1.9)	22.0	(1.7)	14.2	(1.8)	12.7	(1.7)	1.5	(2.1)
	Denmark	35.1	(5.5)	30.0	(2.3)	19.7	(1.0)	20.0	(1.3)	38.1	(6.8)	**-18.1**	(6.9)
	Finland	13.6	(3.0)	13.2	(1.2)	10.6	(1.0)	12.0	(1.4)	20.0	(3.5)	**-7.9**	(3.0)
	France	15.1	(1.9)	9.2	(1.0)	7.3	(0.7)	6.4	(1.1)	10.7	(2.0)	**-4.3**	(2.2)
	Germany	30.7	(2.5)	25.8	(1.6)	25.5	(1.7)	27.8	(1.9)	36.8	(2.8)	**-9.0**	(2.9)
	Greece	61.8	(3.1)	49.9	(2.3)	35.4	(1.5)	30.7	(1.4)	46.7	(2.8)	**-16.0**	(2.8)
	Hungary	19.1	(3.5)	15.8	(1.2)	15.0	(1.1)	13.4	(1.5)	27.3	(4.0)	**-13.9**	(4.0)
	Iceland	33.1	(5.9)	27.7	(1.5)	34.1	(0.9)	52.0	(1.9)	69.2	(5.2)	**-17.1**	(5.3)
	Ireland	68.1	(3.6)	62.2	(2.4)	49.3	(2.0)	55.5	(2.4)	77.9	(4.2)	**-22.4**	(4.4)
	Italy	a	a	a	a	a	a	a	a	a	a	a	a
	Japan	40.0	(6.6)	21.1	(1.7)	20.2	(1.2)	24.7	(2.4)	36.5	(9.1)	-11.8	(9.0)
	Korea	80.7	(6.9)	73.7	(3.1)	67.0	(2.2)	69.7	(2.2)	83.3	(5.4)	**-13.6**	(5.7)
	Luxembourg	26.6	(2.4)	25.2	(1.1)	24.5	(1.2)	20.3	(1.9)	21.9	(2.6)	-1.6	(3.0)
	Mexico	59.5	(1.7)	69.9	(1.6)	61.8	(1.8)	59.5	(1.8)	65.2	(2.1)	**-5.7**	(2.8)
	Netherlands	45.2	(2.9)	42.9	(1.7)	42.5	(1.6)	43.3	(2.2)	59.6	(3.4)	**-16.3**	(3.6)
	New Zealand	60.8	(4.2)	59.4	(3.0)	41.5	(2.4)	42.1	(2.0)	77.3	(2.5)	**-35.2**	(2.5)
	Norway	a	a	a	a	a	a	a	a	a	a	a	a
	Poland	a	a	a	a	a	a	a	a	a	a	a	a
	Portugal	49.1	(4.2)	41.7	(2.2)	36.8	(1.9)	52.2	(2.2)	55.7	(2.3)	-3.6	(2.7)
	Slovak Republic	20.8	(1.8)	16.9	(0.9)	15.4	(1.3)	14.9	(1.8)	12.7	(2.0)	2.2	(2.4)
	Spain	54.0	(2.8)	43.1	(1.5)	50.0	(1.3)	55.4	(2.1)	70.3	(2.4)	**-14.8**	(2.9)
	Sweden	36.2	(8.1)	17.6	(2.2)	10.8	(0.8)	14.1	(2.2)	48.7	(8.7)	**-34.6**	(9.0)
	Switzerland	33.4	(1.8)	24.3	(1.0)	19.8	(1.2)	18.2	(1.7)	14.9	(2.6)	3.4	(3.4)
	Turkey	60.5	(2.9)	58.4	(2.5)	44.3	(1.8)	33.7	(3.5)	39.6	(2.7)	-5.9	(3.8)
	United Kingdom	68.8	(5.5)	69.2	(3.4)	74.2	(1.8)	70.7	(1.9)	79.2	(2.3)	**-8.6**	(3.0)
	United States	47.6	(3.4)	46.2	(1.9)	45.2	(2.2)	34.7	(1.7)	45.8	(2.1)	**-11.1**	(2.4)
	OECD average	40.8	(0.8)	36.4	(0.4)	32.0	(0.3)	34.0	(0.4)	45.0	(0.8)	**-11.0**	(0.8)
Partners	Argentina	66.3	(3.6)	59.9	(2.8)	52.5	(3.2)	54.9	(5.4)	63.1	(7.1)	-8.2	(9.1)
	Azerbaijan	73.1	(2.6)	64.5	(2.3)	57.0	(2.6)	61.5	(3.3)	62.1	(3.5)	-0.6	(4.0)
	Brazil	69.6	(5.1)	68.8	(2.6)	64.2	(2.7)	46.1	(7.0)	48.0	(6.3)	-1.9	(8.7)
	Bulgaria	48.6	(3.2)	40.9	(1.8)	31.3	(1.7)	28.3	(2.5)	29.6	(2.7)	-1.3	(3.1)
	Chile	47.5	(3.1)	39.1	(2.0)	32.9	(2.3)	29.7	(2.5)	31.0	(2.5)	-1.3	(2.9)
	Colombia	76.4	(5.7)	82.3	(2.6)	73.8	(2.3)	74.4	(3.9)	78.6	(9.5)	-4.3	(8.1)
	Croatia	13.2	(2.2)	7.7	(0.9)	7.8	(0.7)	8.2	(1.4)	13.9	(3.5)	-5.7	(4.0)
	Estonia	46.8	(5.8)	34.4	(2.0)	27.3	(1.5)	18.5	(1.4)	17.6	(2.0)	0.9	(2.2)
	Hong Kong-China	50.0	(4.0)	47.1	(3.3)	32.4	(2.4)	31.1	(2.5)	35.1	(1.8)	-4.0	(3.1)
	Indonesia	79.7	(3.1)	72.9	(1.4)	66.5	(1.3)	66.6	(2.9)	69.1	(2.6)	-2.4	(3.0)
	Israel	62.8	(2.6)	50.6	(2.2)	54.7	(1.7)	63.5	(3.0)	72.5	(3.0)	**-9.0**	(3.9)
	Jordan	68.9	(2.8)	59.0	(2.1)	47.7	(1.9)	32.7	(2.3)	35.3	(2.6)	-2.6	(3.1)
	Kyrgyzstan	74.9	(1.7)	73.3	(1.3)	71.4	(1.8)	66.7	(2.7)	67.8	(4.7)	-1.1	(4.8)
	Latvia	49.0	(3.3)	40.1	(1.5)	34.7	(1.6)	28.4	(2.1)	26.7	(2.5)	1.8	(3.1)
	Liechtenstein	63.7	(15.3)	28.1	(4.2)	31.7	(3.5)	21.8	(7.9)	13.4	(8.3)	8.4	(11.4)
	Lithuania	40.3	(5.5)	24.9	(1.4)	19.5	(1.3)	14.5	(1.5)	19.5	(3.2)	-5.0	(3.5)
	Macao-China	68.6	(3.6)	60.7	(2.8)	48.9	(1.7)	46.4	(2.2)	45.1	(2.0)	1.3	(3.0)
	Montenegro	61.0	(2.8)	53.5	(1.5)	39.1	(1.6)	34.2	(1.8)	36.0	(2.7)	-1.8	(3.4)
	Qatar	78.3	(1.8)	71.7	(1.2)	56.6	(1.4)	52.1	(1.9)	51.1	(2.1)	1.0	(2.5)
	Romania	68.7	(2.9)	63.0	(2.1)	61.2	(3.2)	59.8	(4.5)	66.1	(2.9)	-6.3	(5.9)
	Russian Federation	4.0	(1.4)	3.2	(0.9)	2.4	(0.7)	1.3	(0.3)	1.9	(1.1)	-0.6	(1.0)
	Serbia	a	a	a	a	a	a	a	a	a	a	a	a
	Slovenia	20.0	(1.8)	17.4	(0.9)	13.7	(1.0)	10.7	(1.3)	10.5	(1.5)	0.2	(1.9)
	Chinese Taipei	34.0	(3.8)	34.3	(1.8)	27.9	(1.0)	17.8	(1.3)	17.7	(2.0)	0.2	(1.9)
	Thailand	a	a	77.3	(5.9)	68.2	(1.2)	65.5	(1.9)	68.9	(2.1)	-3.4	(2.3)
	Tunisia	85.3	(2.1)	74.9	(1.3)	73.0	(1.5)	72.3	(3.1)	70.1	(2.9)	2.2	(3.5)
	Uruguay	36.9	(3.2)	27.9	(1.9)	21.8	(1.6)	22.4	(2.8)	18.0	(2.7)	4.5	(4.0)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 4.5a Relationship between performance in science and learning time in regular school lessons in science, by students' perception of how important it is to do well in science

		Time spent in regular school lessons in science		Time spent in regular school lessons in science (squared)		Students who think it is very important to do well in science (1=very important 0=not very important)		Differential effect of time spent in regular school lessons in science for students who think it is very important to do well in science		PISA index of economic, social and cultural status of students (1 unit increase)		School average of PISA index of economic, social and cultural status of students (1 unit increase)		Intercept	
		(1)		(2)		(3)		(1) * (3)		(4)		(5)			
		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.	Change in score	S.E.	Mean	S.E.
OECD	Australia	**24.5**	(1.9)	**-2.0**	(0.3)	**22.6**	(6.0)	**3.9**	(1.4)	**43.6**	(4.6)	**23.1**	(1.5)	452.5	(3.3)
	Austria	**16.1**	(2.5)	**-1.0**	(0.4)	-4.6	(6.9)	**5.0**	(1.9)	**98.7**	(7.0)	**9.3**	(1.8)	456.9	(3.9)
	Belgium	**20.3**	(2.0)	**-1.6**	(0.3)	-3.6	(7.3)	3.0	(1.7)	**86.8**	(5.2)	**14.1**	(1.2)	461.7	(3.6)
	Canada	**16.4**	(2.0)	**-1.3**	(0.3)	**12.2**	(6.1)	**3.8**	(1.2)	**33.7**	(4.4)	**18.7**	(1.4)	470.2	(4.0)
	Czech Republic	**7.7**	(2.6)	0.5	(0.4)	**-25.1**	(7.7)	**6.5**	(1.5)	**85.4**	(7.5)	**17.1**	(1.6)	483.3	(4.3)
	Denmark	**35.6**	(3.8)	**-3.8**	(0.6)	16.0	(8.6)	1.7	(2.3)	**36.8**	(7.4)	**28.1**	(1.9)	408.0	(6.9)
	Finland	**23.2**	(3.0)	**-1.6**	(0.4)	**37.4**	(9.5)	2.2	(2.2)	7.3	(5.8)	**23.9**	(1.5)	499.1	(5.1)
	France	**24.9**	(2.5)	**-1.9**	(0.3)	-1.1	(7.5)	**7.3**	(1.7)	**72.5**	(4.8)	**13.8**	(1.7)	453.5	(4.8)
	Germany	**11.5**	(2.2)	-0.4	(0.3)	8.8	(6.1)	1.5	(1.6)	**93.3**	(5.9)	**12.7**	(1.4)	457.3	(4.4)
	Greece	**29.7**	(2.5)	**-2.8**	(0.3)	-5.4	(5.0)	**6.5**	(1.2)	**48.2**	(4.9)	**10.6**	(1.5)	424.7	(4.8)
	Hungary	**7.5**	(2.4)	0.2	(0.4)	-6.6	(6.2)	**3.5**	(1.6)	**78.8**	(4.5)	**5.2**	(1.5)	491.8	(4.2)
	Iceland	**35.4**	(4.2)	**-5.0**	(0.7)	**21.2**	(8.8)	**7.1**	(2.3)	-0.7	(4.9)	**23.5**	(1.9)	411.0	(7.3)
	Ireland	**27.8**	(2.8)	**-3.5**	(0.5)	**23.9**	(6.8)	2.6	(2.3)	**41.3**	(5.8)	**22.0**	(2.0)	465.2	(4.7)
	Italy	**17.6**	(1.8)	**-1.0**	(0.3)	**-14.1**	(4.7)	**3.6**	(1.2)	**78.5**	(5.2)	**6.3**	(1.0)	444.3	(3.9)
	Japan	**18.2**	(3.8)	**-1.8**	(0.6)	**15.6**	(7.2)	2.8	(2.1)	**115.5**	(9.2)	**4.5**	(2.2)	496.6	(6.8)
	Korea	**25.4**	(5.4)	**-2.5**	(0.7)	6.9	(9.7)	3.1	(2.4)	**72.4**	(7.7)	**7.5**	(1.8)	466.0	(11.2)
	Luxembourg	**17.7**	(1.9)	**-1.7**	(0.3)	-7.2	(5.5)	**5.8**	(1.5)	**67.0**	(2.4)	**22.0**	(1.4)	451.6	(2.7)
	Mexico	**4.9**	(1.3)	**-0.6**	(0.2)	-3.2	(3.0)	**2.6**	(0.7)	**35.7**	(2.2)	**6.3**	(0.8)	445.8	(3.0)
	Netherlands	**11.1**	(2.1)	-0.1	(0.3)	0.5	(6.4)	2.6	(1.7)	**104.9**	(6.2)	**9.6**	(1.7)	471.3	(3.5)
	New Zealand	**34.5**	(2.8)	**-2.5**	(0.4)	-4.1	(10.7)	**6.6**	(2.1)	**41.3**	(5.9)	**32.5**	(1.6)	428.6	(5.2)
	Norway	**44.6**	(3.5)	**-6.6**	(0.6)	**18.8**	(9.3)	1.6	(3.0)	**29.2**	(7.3)	**25.7**	(2.0)	400.5	(6.4)
	Poland	**23.5**	(2.4)	**-2.1**	(0.4)	-0.4	(6.7)	**5.2**	(1.9)	**15.1**	(5.1)	**32.2**	(1.6)	467.3	(4.0)
	Portugal	**19.9**	(3.0)	**-1.2**	(0.4)	1.1	(7.9)	**6.9**	(1.6)	**27.0**	(3.4)	**11.0**	(1.4)	437.0	(5.1)
	Slovak Republic	**22.0**	(2.5)	**-1.6**	(0.3)	-10.8	(6.5)	**3.9**	(1.6)	**60.5**	(5.0)	**17.4**	(1.8)	464.0	(3.8)
	Spain	**10.9**	(1.6)	-0.3	(0.2)	2.3	(5.1)	6.7	(1.2)	**16.7**	(2.7)	**17.9**	(1.3)	462.9	(3.2)
	Sweden	**41.4**	(3.6)	**-5.5**	(0.6)	**25.0**	(9.8)	2.3	(3.1)	**29.6**	(6.5)	**27.7**	(2.4)	420.4	(6.7)
	Switzerland	**26.3**	(2.5)	**-2.1**	(0.4)	**16.9**	(6.9)	**1.2**	(1.7)	**63.5**	(5.7)	**21.5**	(1.6)	460.3	(3.8)
	Turkey	**4.6**	(1.7)	**0.5**	(0.3)	-0.2	(4.2)	**2.1**	(1.0)	**54.4**	(4.5)	**7.0**	(1.2)	480.3	(6.8)
	United Kingdom	**31.7**	(3.4)	**-2.0**	(0.4)	-7.6	(6.8)	**5.9**	(1.3)	**56.3**	(5.0)	**26.4**	(1.9)	404.0	(7.8)
	United States	**21.6**	(2.5)	**-1.6**	(0.4)	5.6	(6.0)	**3.1**	(1.3)	**47.6**	(6.4)	**26.7**	(1.8)	426.5	(4.4)
	OECD average	**21.9**	(0.5)	**-1.9**	(0.1)	**4.7**	(1.3)	**4.0**	(0.3)	**54.7**	(1.0)	**17.5**	(0.3)	452.1	(1.0)
Partners	Argentina	**13.9**	(3.2)	-0.8	(0.5)	**-14.7**	(7.3)	4.4	(2.5)	**48.2**	(5.9)	**12.1**	(1.8)	415.3	(6.9)
	Azerbaijan	**13.1**	(2.5)	**-1.0**	(0.3)	-1.1	(4.0)	-1.4	(1.1)	**11.0**	(4.9)	**6.5**	(1.0)	371.7	(4.3)
	Brazil	**13.6**	(2.1)	-0.5	(0.4)	**-12.1**	(4.9)	**4.1**	(1.8)	**41.8**	(3.3)	**6.7**	(1.4)	424.4	(4.6)
	Bulgaria	**18.2**	(2.6)	**-1.4**	(0.4)	**-12.9**	(4.9)	**3.2**	(1.5)	**71.0**	(6.0)	**12.0**	(1.6)	426.3	(5.0)
	Chile	**12.6**	(1.8)	**-0.7**	(0.3)	-3.4	(3.7)	2.1	(1.3)	**42.8**	(3.3)	**9.1**	(1.4)	453.0	(4.0)
	Colombia	**7.0**	(3.1)	-0.4	(0.4)	-14.8	(7.8)	**3.9**	(1.7)	**26.1**	(3.3)	**10.9**	(1.8)	412.2	(6.1)
	Croatia	**14.9**	(2.3)	**-1.5**	(0.4)	3.8	(6.9)	2.5	(2.1)	**71.7**	(6.4)	**13.2**	(1.5)	483.3	(3.6)
	Estonia	**18.3**	(3.0)	**-0.9**	(0.4)	-5.7	(6.5)	**5.2**	(1.6)	**37.2**	(7.1)	**19.1**	(1.9)	475.3	(5.1)
	Hong Kong-China	**-7.8**	(2.8)	**2.1**	(0.4)	15.8	(8.6)	2.6	(1.5)	**52.4**	(6.4)	3.2	(1.8)	564.4	(6.4)
	Indonesia	**12.0**	(3.9)	-0.7	(0.4)	**-12.1**	(4.7)	1.9	(1.2)	**42.9**	(5.2)	1.1	(1.0)	434.5	(8.4)
	Israel	**22.1**	(2.4)	**-1.8**	(0.4)	8.3	(7.0)	**4.6**	(2.0)	**66.6**	(8.7)	**20.5**	(2.5)	403.1	(4.5)
	Jordan	**15.9**	(2.2)	**-1.2**	(0.3)	-2.6	(3.9)	**4.6**	(1.1)	**23.1**	(4.6)	**16.1**	(1.2)	409.8	(4.6)
	Kyrgyzstan	**16.2**	(2.3)	**-1.4**	(0.3)	**-11.1**	(3.1)	0.1	(1.1)	**69.7**	(5.8)	**4.8**	(1.5)	366.5	(4.7)
	Latvia	**18.0**	(2.9)	**-1.0**	(0.4)	0.8	(7.3)	1.6	(1.7)	**27.8**	(6.6)	**19.0**	(2.1)	452.0	(4.2)
	Liechtenstein	**16.5**	(7.2)	-0.9	(1.1)	-13.5	(24.3)	8.7	(7.0)	**141.2**	(10.3)	**14.7**	(5.4)	456.6	(11.7)
	Lithuania	**24.4**	(2.8)	**-2.2**	(0.4)	2.5	(5.1)	**3.4**	(1.6)	**44.8**	(5.6)	**21.5**	(1.5)	440.8	(4.0)
	Macao-China	**12.6**	(2.4)	0.4	(0.3)	15.6	(9.6)	0.4	(1.9)	**26.5**	(3.4)	**5.0**	(1.9)	473.7	(4.5)
	Montenegro	**19.9**	(2.1)	**-1.8**	(0.3)	**-14.3**	(4.0)	**3.0**	(1.1)	**64.7**	(3.6)	**6.7**	(1.5)	386.2	(2.8)
	Qatar	**18.8**	(1.7)	**-1.4**	(0.3)	0.6	(3.3)	**4.2**	(1.0)	**41.9**	(2.4)	-1.1	(1.4)	306.6	(2.5)
	Romania	**18.7**	(2.7)	**-1.9**	(0.4)	**-14.2**	(5.5)	**6.4**	(1.6)	**53.8**	(6.2)	**11.1**	(2.6)	418.9	(5.4)
	Russian Federation	**13.2**	(2.4)	-0.6	(0.3)	-12.4	(6.5)	**3.6**	(1.5)	**41.7**	(6.8)	**19.0**	(1.8)	450.2	(4.4)
	Serbia	**17.8**	(2.0)	**-1.3**	(0.3)	-4.8	(5.4)	2.3	(1.5)	**63.2**	(5.0)	**9.8**	(1.3)	412.8	(3.7)
	Slovenia	**11.0**	(2.3)	-0.3	(0.3)	6.8	(4.9)	1.3	(1.4)	**108.2**	(6.6)	**7.4**	(1.8)	477.2	(3.3)
	Chinese Taipei	**23.3**	(2.4)	**-2.2**	(0.3)	**13.0**	(4.5)	**3.1**	(1.3)	**94.1**	(6.0)	**9.3**	(1.5)	521.2	(5.0)
	Thailand	**-4.2**	(6.0)	**1.9**	(0.7)	2.5	(5.1)	**3.1**	(1.3)	**32.0**	(2.4)	**6.4**	(1.2)	451.1	(12.4)
	Tunisia	13.6	(2.8)	**-1.1**	(0.4)	6.0	(5.1)	**4.0**	(1.4)	**33.9**	(4.0)	2.1	(1.3)	399.3	(6.8)
	Uruguay	**7.9**	(2.6)	-0.3	(0.4)	-7.7	(4.9)	**3.8**	(1.4)	**42.3**	(3.5)	**11.9**	(1.5)	446.4	(3.7)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 4.5b Relationship between performance in science and learning time in regular school lessons in science, by students' perception of how important it is to do well in science in academic and vocational schools

		All students						Students from academic schools						Students from vocational schools					
		Time spent in regular school lessons in science		Students who think it is very important to do well in science (1=very important 0=not very important)		Differential effect of time spent in regular school lessons in science for students who think it is very important to do well in science		Time spent in regular school lessons in science		Students who think it is very important to do well in science (1=very important 0=not very important)		Differential effect of time spent in regular school lessons in science for students who think it is very important to do well in science		Time spent in regular school lessons in science		Students who think it is very important to do well in science (1=very important 0=not very important)		Differential effect of time spent in regular school lessons in science for students who think it is very important to do well in science	
		(1)		(2)		(1) * (2)		(3)		(4)		(3) * (4)		(5)		(6)		(5) * (6)	
		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.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.
OECD	Australia	**24.5**	(1.9)	**22.6**	(6.0)	**3.9**	(1.4)	**24.5**	(2.2)	**23.2**	(5.7)	**3.9**	(1.4)	**23.6**	(6.8)	16.1	(32.0)	3.3	(6.5)
	Austria	**16.1**	(2.5)	-4.6	(6.9)	**5.0**	(1.9)	**13.6**	(4.2)	-10.7	(14.1)	**8.6**	(3.4)	**16.4**	(2.6)	3.0	(6.6)	1.8	(2.1)
	Belgium	**20.3**	(2.0)	-3.6	(7.3)	3.0	(1.7)	**7.0**	(2.7)	10.4	(10.0)	0.0	(2.1)	**22.5**	(3.6)	**-27.0**	(9.6)	**7.1**	(2.7)
	Canada	**16.4**	(2.0)	**12.2**	(6.1)	**3.8**	(1.2)	**16.4**	(2.0)	**12.2**	(6.1)	**3.8**	(1.2)	a	a	a	a	a	a
	Czech Republic	**7.7**	(2.6)	**-25.1**	(7.7)	**6.5**	(1.5)	**13.0**	(3.2)	-11.0	(7.8)	**4.6**	(1.4)	**10.1**	(4.1)	-23.6	(13.4)	5.6	(3.4)
	Denmark	**35.6**	(3.8)	16.0	(8.6)	1.7	(2.3)	**35.6**	(3.8)	16.0	(8.6)	1.7	(2.3)	a	a	a	a	a	a
	Finland	**23.2**	(3.0)	**37.4**	(9.5)	2.2	(2.2)	**23.2**	(3.0)	**37.4**	(9.5)	2.2	(2.2)	a	a	a	a	a	a
	France	**24.9**	(2.5)	-1.1	(7.5)	**7.3**	(1.7)	**29.4**	(2.6)	0.8	(8.1)	**7.0**	(1.9)	8.0	(4.9)	-2.7	(18.7)	-4.1	(8.1)
	Germany	**11.5**	(2.2)	8.8	(6.1)	1.5	(1.6)	**13.5**	(2.2)	8.6	(6.2)	1.6	(1.5)	c	c	c	c	c	c
	Greece	**29.7**	(2.5)	-5.4	(5.0)	**6.5**	(1.2)	**26.9**	(2.9)	-3.6	(6.8)	**5.9**	(1.5)	**25.7**	(4.6)	-13.5	(7.8)	4.4	(3.8)
	Hungary	**7.5**	(2.4)	-6.6	(6.2)	**3.5**	(1.6)	**10.9**	(4.0)	-4.8	(9.5)	**4.9**	(2.4)	4.7	(3.0)	-0.0	(8.2)	-1.9	(2.5)
	Iceland	**35.4**	(4.2)	**21.2**	(8.8)	**7.1**	(2.3)	**35.8**	(4.2)	**20.0**	(8.7)	**7.4**	(2.3)	c	c	c	c	c	c
	Ireland	**27.8**	(2.8)	**23.9**	(6.8)	2.6	(2.3)	**27.0**	(2.8)	**25.0**	(6.7)	2.4	(2.3)	c	c	c	c	c	c
	Italy	**17.6**	(1.8)	**-14.1**	(4.7)	**3.6**	(1.2)	**24.2**	(3.8)	3.8	(8.5)	1.1	(2.0)	**13.4**	(1.7)	**-26.1**	(5.9)	**5.0**	(1.5)
	Japan	**18.2**	(3.8)	**15.6**	(7.2)	2.8	(2.1)	**22.4**	(4.7)	**19.1**	(8.7)	2.5	(2.5)	12.6	(8.6)	18.8	(12.0)	-3.9	(4.7)
	Korea	**25.4**	(5.4)	6.9	(9.7)	3.1	(2.4)	**29.5**	(9.1)	11.4	(13.2)	2.3	(3.3)	**15.3**	(6.3)	-10.9	(15.0)	5.0	(4.2)
	Luxembourg	**17.7**	(1.9)	-7.2	(5.5)	**5.8**	(1.5)	**26.6**	(2.3)	-2.4	(5.8)	**3.7**	(1.8)	**14.3**	(5.0)	19.9	(16.2)	-1.9	(3.2)
	Mexico	**4.9**	(1.3)	-3.2	(3.0)	**2.6**	(0.7)	**9.9**	(1.5)	-1.4	(4.0)	**2.3**	(0.9)	-2.2	(1.6)	-3.9	(3.6)	**2.7**	(0.8)
	Netherlands	**11.1**	(2.1)	0.5	(6.4)	2.6	(1.7)	**5.9**	(2.1)	1.4	(7.6)	2.2	(1.8)	**10.7**	(4.7)	-3.7	(8.1)	1.8	(4.1)
	New Zealand	**34.5**	(2.8)	-4.1	(10.7)	**6.6**	(2.1)	**34.5**	(2.8)	-4.1	(10.7)	**6.6**	(2.1)	a	a	a	a	a	a
	Norway	**44.6**	(3.5)	**18.8**	(9.3)	1.6	(3.0)	**44.6**	(3.5)	**18.8**	(9.3)	1.6	(3.0)	a	a	a	a	a	a
	Poland	**23.5**	(2.4)	-0.4	(6.7)	**5.2**	(1.9)	**23.5**	(2.4)	-0.4	(6.7)	**5.2**	(1.9)	a	a	a	a	a	a
	Portugal	**19.9**	(3.0)	1.1	(7.9)	**6.9**	(1.6)	**18.7**	(3.3)	3.5	(8.1)	**7.3**	(1.7)	**26.5**	(6.5)	-24.7	(19.5)	6.4	(4.2)
	Slovak Republic	**22.0**	(2.5)	-10.8	(6.5)	**3.9**	(1.6)	**28.6**	(3.3)	-6.5	(8.4)	3.8	(2.0)	**21.6**	(4.1)	-0.9	(9.7)	-1.2	(2.4)
	Spain	**10.9**	(1.6)	2.3	(5.1)	**6.7**	(1.2)	**10.9**	(1.6)	2.3	(5.1)	**6.7**	(1.2)	a	a	a	a	a	a
	Sweden	**41.4**	(3.6)	**25.0**	(9.8)	2.3	(3.1)	**42.6**	(3.5)	**26.0**	(9.7)	2.1	(3.1)	c	c	c	c	c	c
	Switzerland	**26.3**	(2.5)	**16.9**	(6.9)	1.2	(1.7)	**28.5**	(2.7)	**20.0**	(6.7)	0.3	(1.6)	12.9	c	c	c	c	c
	Turkey	**4.6**	(1.7)	-0.2	(4.2)	**2.1**	(1.0)	**8.9**	(2.1)	-3.7	(6.5)	2.4	(1.4)	-0.5	(2.5)	0.6	(5.5)	1.8	(1.7)
	United Kingdom	**31.7**	(3.4)	-7.6	(6.8)	**5.9**	(1.3)	**31.7**	(3.4)	-7.6	(6.8)	**5.9**	(1.3)	a	a	a	a	a	a
	United States	**21.6**	(2.5)	5.6	(6.0)	**3.1**	(1.3)	**21.6**	(2.5)	5.6	(6.0)	**3.1**	(1.3)	a	a	a	a	a	a
	OECD average	**21.9**	(0.5)	**4.7**	(1.3)	**4.0**	(0.3)	**23.0**	(0.6)	**7.0**	(1.5)	**3.8**	(0.4)	**13.9**	(1.2)	-4.9	(3.5)	**2.0**	(1.0)
Partners	Argentina	**13.9**	(3.2)	**-14.7**	(7.3)	4.4	(2.5)	**15.0**	(3.3)	**-15.6**	(7.6)	4.5	(2.6)	-24.6	(24.1)	1.1	(25.8)	9.4	(9.6)
	Azerbaijan	**13.1**	(2.5)	-1.1	(4.0)	-1.4	(1.1)	**12.9**	(2.5)	-1.9	(3.9)	-1.2	(1.1)	c	c	c	c	c	c
	Brazil	**13.6**	(2.1)	**-12.1**	(4.9)	**4.1**	(1.8)	**13.6**	(2.1)	**-12.1**	(4.9)	**4.1**	(1.8)	a	a	a	a	a	a
	Bulgaria	**18.2**	(2.6)	**-12.9**	(4.9)	**3.2**	(1.5)	**20.6**	(3.8)	**-14.2**	(6.7)	3.7	(2.0)	**16.7**	(3.9)	-11.0	(7.9)	2.3	(2.2)
	Chile	**12.6**	(1.8)	-3.4	(3.7)	2.1	(1.3)	**14.7**	(1.8)	-1.4	(3.8)	1.5	(1.3)	-3.4	(16.0)	-3.2	(22.4)	21.0	(11.1)
	Colombia	**7.0**	(3.1)	-14.8	(7.8)	**3.9**	(1.7)	**10.3**	(2.8)	**-15.9**	(7.4)	**4.2**	(1.8)	-1.0	(8.3)	7.2	(17.3)	-0.7	(4.1)
	Croatia	**14.9**	(2.3)	3.8	(6.9)	2.5	(2.1)	-2.7	(5.9)	2.8	(17.2)	3.3	(4.7)	**18.7**	(2.8)	-2.8	(7.2)	3.5	(2.5)
	Estonia	**18.3**	(3.0)	-5.7	(6.5)	**5.2**	(1.6)	**18.3**	(3.0)	-5.7	(6.5)	**5.2**	(1.6)	a	a	a	a	a	a
	Hong Kong-China	**-7.8**	(2.8)	15.8	(8.6)	2.6	(1.5)	**-7.8**	(2.9)	15.8	(9.4)	2.5	(1.6)	-3.0	(5.4)	32.3	(18.6)	1.6	(3.4)
	Indonesia	**12.0**	(3.9)	**-12.1**	(4.7)	1.9	(1.2)	**17.3**	(2.5)	**-8.8**	(4.2)	**2.7**	(1.0)	**15.8**	(5.9)	2.9	(9.1)	-3.8	(2.7)
	Israel	**22.1**	(2.4)	8.3	(7.0)	**4.6**	(2.0)	**22.1**	(2.4)	14.0	(8.0)	2.9	(2.1)	**19.4**	(7.4)	-13.8	(11.8)	**12.2**	(4.5)
	Jordan	**15.9**	(2.2)	-2.6	(3.9)	**4.6**	(1.1)	**15.9**	(2.2)	-2.6	(3.9)	**4.6**	(1.1)	a	a	a	a	a	a
	Kyrgyzstan	**16.2**	(2.3)	**-11.1**	(3.1)	0.1	(1.1)	**15.9**	(2.3)	**-11.3**	(3.2)	0.1	(1.1)	14.9	(10.1)	0.6	(16.6)	3.3	(4.6)
	Latvia	**18.0**	(2.9)	0.8	(7.3)	1.6	(1.7)	**18.3**	(3.0)	1.3	(7.5)	1.2	(1.7)	16.9	(9.9)	53.4	(39.7)	-4.6	(7.1)
	Liechtenstein	**16.5**	(7.2)	-13.5	(24.3)	8.7	(7.0)	**16.5**	(7.2)	-13.5	(24.3)	8.7	(7.0)	a	a	a	a	a	a
	Lithuania	**24.4**	(2.8)	2.5	(5.1)	**3.4**	(1.6)	**23.9**	(2.7)	2.0	(5.1)	**3.5**	(1.5)	c	c	c	c	c	c
	Macao-China	**12.6**	(2.4)	15.6	(9.6)	0.4	(1.9)	**12.8**	(2.4)	15.3	(9.6)	0.5	(1.8)	c	c	c	c	c	c
	Montenegro	**19.9**	(2.1)	**-14.3**	(4.0)	**3.0**	(1.1)	**14.5**	(3.8)	-14.7	(9.3)	3.5	(2.1)	**20.5**	(2.7)	**-17.1**	(4.8)	2.7	(1.4)
	Qatar	**18.8**	(1.7)	0.6	(3.3)	**4.2**	(1.0)	**18.8**	(1.7)	0.6	(3.3)	**4.2**	(1.0)	a	a	a	a	a	a
	Romania	**18.7**	(2.7)	**-14.2**	(5.5)	**6.4**	(1.6)	**15.6**	(2.7)	-11.1	(7.9)	**5.4**	(2.0)	**7.3**	(3.1)	-9.1	(6.8)	5.8	(3.0)
	Russian Federation	**13.2**	(2.4)	-12.4	(6.5)	**3.6**	(1.5)	**14.5**	(2.6)	**-16.7**	(6.9)	**4.2**	(1.7)	3.4	(4.9)	9.5	(14.3)	1.1	(3.7)
	Serbia	**17.8**	(2.0)	-4.8	(5.4)	2.3	(1.5)	**11.9**	(4.8)	9.6	(12.9)	1.2	(3.1)	**19.7**	(2.2)	-6.3	(6.1)	1.2	(1.9)
	Slovenia	**11.0**	(2.3)	6.8	(4.9)	1.3	(1.4)	**17.0**	(4.0)	**32.6**	(8.4)	-1.7	(1.9)	**7.3**	(2.7)	-4.7	(6.1)	-0.4	(2.2)
	Chinese Taipei	**23.3**	(2.4)	**13.0**	(4.5)	**3.1**	(1.3)	**32.3**	(2.3)	**19.6**	(6.2)	2.0	(1.6)	**10.3**	(4.2)	6.4	(6.3)	0.9	(2.2)
	Thailand	-4.2	(6.0)	2.5	(5.1)	**3.1**	(1.3)	**16.5**	(6.8)	1.9	(5.9)	**3.3**	(1.4)	8.8	(9.7)	5.6	(12.2)	1.3	(4.8)
	Tunisia	13.6	(2.8)	6.0	(5.1)	**4.0**	(1.4)	**13.6**	(2.8)	6.0	(5.1)	**4.0**	(1.4)	a	a	a	a	a	a
	Uruguay	**7.9**	(2.6)	-7.7	(4.9)	**3.8**	(1.4)	**10.5**	(2.8)	-6.3	(5.3)	**3.6**	(1.4)	-3.1	(9.1)	-2.8	(21.5)	-1.5	(7.2)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



[Part 1/2]

Table 4.6a Performance in science, by learning time in out-of-school-time lessons in science

		Science performance for students who do not spend any time in out-of-school-time lessons in science		Difference in science performance between students who spend the following learning hours per week in out-of-school-time lessons in science and students who do not spend any time in out-of-school-time lessons in science							
				Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
		Mean score	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	534	(2.2)	**-14.0**	(2.4)	**-29.4**	(5.2)	**-32.4**	(12.6)	c	c
	Austria	522	(3.7)	**-61.6**	(5.6)	**-79.1**	(10.3)	**-139.9**	(17.8)	c	c
	Belgium	525	(2.1)	**-25.9**	(3.5)	**-44.0**	(5.9)	**-51.0**	(15.3)	c	c
	Canada	547	(1.9)	**-23.4**	(2.9)	**-34.5**	(4.4)	**-35.7**	(9.4)	-42.0	(23.4)
	Czech Republic	520	(3.6)	3.0	(3.8)	-12.0	(7.1)	-9.4	(12.9)	c	c
	Denmark	498	(4.1)	1.3	(4.2)	-4.1	(5.6)	4.5	(11.6)	c	c
	Finland	573	(2.0)	**-31.5**	(3.0)	**-45.5**	(8.9)	c	c	c	c
	France	507	(3.8)	**-17.7**	(4.2)	-3.3	(6.4)	**-46.3**	(18.1)	c	c
	Germany	539	(3.2)	**-38.0**	(3.4)	**-63.9**	(6.3)	**-76.5**	(10.8)	c	c
	Greece	464	(4.8)	-4.0	(5.0)	**25.5**	(4.9)	**38.5**	(6.1)	**36.0**	(9.9)
	Hungary	515	(3.0)	**-14.1**	(3.3)	**-21.6**	(4.9)	-14.8	(8.3)	c	c
	Iceland	500	(1.9)	**-25.2**	(5.1)	**-49.9**	(8.3)	c	c	c	c
	Ireland	517	(3.3)	**-24.7**	(4.0)	**-34.2**	(7.2)	c	c	c	c
	Italy	488	(2.0)	**-28.9**	(3.0)	**-40.0**	(4.0)	**-35.4**	(7.2)	**-49.6**	(11.1)
	Japan	537	(3.3)	**-16.6**	(4.9)	**-71.3**	(8.2)	c	c	c	c
	Korea	508	(4.5)	**21.7**	(4.8)	**42.6**	(5.6)	**49.7**	(9.1)	40.4	(46.6)
	Luxembourg	503	(1.4)	**-40.8**	(3.6)	**-57.4**	(6.3)	**-77.1**	(11.8)	c	c
	Mexico	426	(2.7)	**-20.8**	(2.7)	**-24.8**	(3.6)	**-36.4**	(6.8)	**-82.1**	(11.3)
	Netherlands	539	(3.1)	**-25.0**	(4.3)	**-48.0**	(7.1)	**-26.3**	(14.1)	c	c
	New Zealand	542	(2.6)	**-21.7**	(4.1)	**-43.9**	(8.6)	**-66.5**	(20.9)	c	c
	Norway	507	(3.0)	**-17.1**	(3.1)	**-40.4**	(5.0)	**-51.9**	(11.9)	c	c
	Poland	504	(2.7)	**-8.1**	(3.1)	**-24.6**	(6.4)	-21.6	(16.6)	c	c
	Portugal	485	(3.1)	**-31.3**	(3.8)	**-13.5**	(6.1)	-15.4	(9.8)	c	c
	Slovak Republic	481	(3.2)	**24.7**	(4.1)	**43.2**	(5.5)	**48.4**	(12.5)	21.4	(17.7)
	Spain	502	(2.6)	**-33.7**	(3.1)	**-31.4**	(4.2)	**-33.3**	(11.1)	**-52.5**	(16.8)
	Sweden	521	(2.6)	**-34.0**	(3.2)	**-61.2**	(7.1)	c	c	c	c
	Switzerland	521	(3.2)	**-26.8**	(4.0)	**-42.1**	(7.2)	**-47.0**	(23.8)	c	c
	Turkey	409	(2.8)	**11.7**	(4.1)	**36.6**	(6.6)	**72.0**	(9.3)	**80.4**	(10.9)
	United Kingdom	523	(2.6)	**-10.7**	(3.5)	**-31.9**	(5.5)	**-48.5**	(15.7)	**-50.6**	(25.2)
	United States	505	(4.2)	**-22.0**	(3.5)	**-36.7**	(6.5)	**-47.8**	(10.0)	**-72.8**	(21.1)
	OECD average	509	(3.1)	**-18.5**	(3.8)	**-28.0**	(6.5)	**-28.0**	(13.3)	-17.1	(22.0)
Partners	Argentina	412	(5.4)	**-43.5**	(6.7)	**-40.3**	(8.1)	**-44.6**	(15.0)	c	c
	Azerbaijan	388	(3.0)	-1.7	(2.9)	-5.8	(3.8)	2.1	(4.8)	**12.9**	(6.3)
	Brazil	391	(3.0)	**8.0**	(3.8)	4.2	(5.6)	10.7	(12.0)	4.9	(28.3)
	Bulgaria	454	(5.7)	**-21.7**	(4.5)	**-29.7**	(6.0)	**-22.2**	(9.8)	**-49.3**	(21.5)
	Chile	447	(4.5)	**-15.9**	(3.7)	-10.2	(5.2)	-6.6	(10.1)	-38.0	(20.0)
	Colombia	393	(3.7)	-3.3	(3.1)	9.3	(4.8)	-11.2	(9.3)	c	c
	Croatia	500	(2.6)	**-14.1**	(3.8)	**-35.2**	(5.9)	**-26.2**	(11.3)	c	c
	Estonia	549	(2.7)	**-28.7**	(2.7)	**-53.2**	(4.3)	**-45.8**	(11.4)	c	c
	Hong Kong-China	535	(2.7)	**13.1**	(4.1)	**25.4**	(5.7)	**33.2**	(7.8)	**54.3**	(9.9)
	Indonesia	389	(6.8)	5.4	(3.2)	**17.3**	(7.7)	**28.5**	(11.4)	1.7	(13.4)
	Israel	475	(4.2)	**-13.0**	(4.7)	**-22.9**	(6.0)	**-35.6**	(10.9)	-23.3	(21.5)
	Jordan	433	(2.8)	**-8.8**	(3.1)	-8.7	(4.5)	-2.5	(6.4)	**-24.3**	(10.1)
	Kyrgyzstan	347	(4.7)	**-17.7**	(4.3)	**-26.2**	(5.0)	**-30.5**	(6.7)	**-35.9**	(9.1)
	Latvia	498	(3.0)	**-16.1**	(3.8)	**-22.1**	(4.6)	-7.7	(11.4)	c	c
	Liechtenstein	541	(6.0)	**-44.5**	(12.5)	c	c	c	c	a	a
	Lithuania	501	(3.4)	**-26.5**	(4.4)	**-48.3**	(5.5)	**-57.0**	(10.1)	c	c
	Macao-China	514	(1.7)	-2.2	(3.2)	**-13.0**	(4.7)	**-14.1**	(6.9)	**16.9**	(8.6)
	Montenegro	429	(1.7)	**-22.9**	(3.1)	**-25.1**	(4.7)	**-28.6**	(7.1)	**-49.5**	(9.5)
	Qatar	378	(2.2)	**-35.5**	(3.0)	**-29.3**	(3.2)	**-12.5**	(5.6)	-15.2	(10.1)
	Romania	420	(4.4)	3.4	(3.5)	-3.1	(5.3)	-2.2	(9.6)	-39.5	(20.9)
	Russian Federation	486	(3.7)	**-8.8**	(3.2)	-6.8	(4.8)	1.8	(7.9)	-1.0	(15.2)
	Serbia	443	(3.2)	**-8.4**	(2.7)	-5.9	(4.4)	1.5	(12.4)	**-56.6**	(15.4)
	Slovenia	533	(2.0)	**-20.7**	(4.1)	**-33.1**	(5.9)	-19.1	(12.0)	**-40.3**	(20.4)
	Chinese Taipei	533	(3.9)	**-17.7**	(3.9)	**35.5**	(4.0)	**46.1**	(7.9)	**46.3**	(11.8)
	Thailand	419	(2.0)	**-10.9**	(3.5)	**16.9**	(6.5)	**38.8**	(10.0)	**82.7**	(12.8)
	Tunisia	376	(3.6)	**8.5**	(3.9)	**22.9**	(4.1)	**31.5**	(5.9)	**36.0**	(9.4)
	Uruguay	444	(2.8)	**-22.2**	(4.2)	**-23.4**	(6.0)	-13.3	(12.0)	c	c

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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[Part 2/2]

Table 4.6a Performance in science, by learning time in out-of-school-time lessons in science

		Difference in science performance between students who spend the following learning hours per week in out-of-school-time lessons in science and students who do not spend any time in out-of-school-time lessons in science															
		Accounting for socio-economic background of students and schools								Accounting for socio-economic background of students and schools as well as learning time in regular school lessons and individual study in science							
		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
		Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	**-15.6**	(2.2)	**-29.4**	(4.7)	**-36.2**	(11.8)	c	c	**-25.3**	(2.4)	**-56.4**	(5.0)	**-74.6**	(12.3)	c	c
	Austria	**-38.1**	(4.3)	**-62.1**	(8.5)	**-112.3**	(15.1)	c	c	**-34.9**	(4.3)	**-61.4**	(8.5)	**-114.9**	(13.7)	c	c
	Belgium	**-16.8**	(2.9)	**-31.0**	(5.0)	**-38.0**	(10.8)	c	c	**-25.6**	(2.7)	**-40.8**	(4.6)	**-52.6**	(11.5)	c	c
	Canada	**-23.4**	(2.6)	**-36.2**	(4.1)	**-37.3**	(9.1)	-38.7	(23.9)	**-25.4**	(2.6)	**-45.6**	(4.2)	**-52.4**	(10.0)	**-58.9**	(24.2)
	Czech Republic	0.9	(3.8)	**-15.2**	(6.3)	-20.2	(13.6)	c	c	-5.4	(3.4)	**-26.3**	(6.2)	**-39.0**	(11.9)	c	c
	Denmark	-0.6	(3.6)	-5.8	(5.1)	-2.2	(12.2)	c	c	-7.6	(3.3)	**-12.4**	(5.9)	-8.3	(13.1)	c	c
	Finland	**-30.6**	(2.9)	**-43.4**	(9.0)	c	c	c	c	-32.0	(2.8)	**-47.7**	(8.6)	c	c	c	c
	France	**-11.4**	(3.3)	**-13.5**	(5.2)	**-39.8**	(13.7)	c	c	-15.3	(2.9)	**-27.8**	(4.8)	**-67.1**	(12.4)	c	c
	Germany	**-28.9**	(3.2)	**-46.0**	(5.4)	**-60.0**	(10.5)	c	c	-29.0	(3.0)	**-46.0**	(4.8)	**-66.6**	(11.0)	c	c
	Greece	**-8.4**	(4.0)	**9.4**	(4.1)	**18.0**	(5.3)	**21.8**	(8.3)	-8.8	(3.7)	-5.3	(4.0)	-4.1	(5.2)	0.9	(8.4)
	Hungary	-2.1	(2.7)	**-9.2**	(3.6)	-3.0	(6.2)	c	c	-5.8	(2.8)	**-18.5**	(3.5)	**-20.0**	(6.1)	c	c
	Iceland	**-26.2**	(4.8)	**-57.8**	(8.2)	c	c	c	c	-27.3	(4.6)	**-61.0**	(8.4)	c	c	c	c
	Ireland	**-25.0**	(3.8)	**-36.4**	(7.1)	c	c	c	c	-36.0	(3.9)	**-51.5**	(7.4)	c	c	c	c
	Italy	**-22.2**	(2.7)	**-32.4**	(3.7)	**-29.7**	(6.6)	**-40.2**	(10.5)	-23.1	(2.6)	**-39.1**	(3.4)	**-41.5**	(7.0)	**-56.2**	(12.3)
	Japan	**-13.7**	(3.9)	**-56.5**	(7.7)	c	c	c	c	-21.0	(3.8)	**-65.8**	(7.9)	c	c	c	c
	Korea	6.7	(3.9)	**16.5**	(4.6)	**17.2**	(7.1)	-9.0	(27.3)	-2.2	(3.8)	1.7	(4.5)	-2.6	(7.0)	-38.3	(20.2)
	Luxembourg	**-32.0**	(3.0)	**-47.0**	(5.4)	**-48.0**	(10.4)	c	c	**-33.7**	(3.0)	**-52.6**	(5.5)	**-64.0**	(11.7)	c	c
	Mexico	**-13.7**	(2.1)	**-15.8**	(3.2)	**-25.7**	(4.7)	**-54.7**	(10.0)	**-14.4**	(2.0)	**-19.4**	(3.1)	**-32.1**	(4.3)	**-55.0**	(9.5)
	Netherlands	**-12.4**	(2.9)	**-30.8**	(5.4)	**-32.1**	(11.4)	c	c	**-17.9**	(2.9)	**-44.6**	(5.5)	**-51.0**	(11.6)	c	c
	New Zealand	**-25.7**	(3.2)	**-42.6**	(7.1)	**-65.5**	(15.6)	c	c	**-29.9**	(3.3)	**-59.9**	(6.4)	**-90.2**	(17.0)	c	c
	Norway	**-16.7**	(2.8)	**-41.6**	(4.6)	**-51.0**	(11.5)	c	c	**-24.5**	(2.9)	**-50.0**	(5.9)	**-54.6**	(11.8)	c	c
	Poland	**-9.0**	(2.9)	**-27.4**	(5.5)	-23.6	(13.9)	c	c	**-9.8**	(2.8)	**-34.1**	(5.4)	**-39.7**	(14.5)	c	c
	Portugal	**-22.7**	(3.3)	**-13.6**	(5.4)	-16.6	(8.8)	c	c	**-23.5**	(3.1)	**-27.5**	(4.8)	**-37.7**	(8.8)	c	c
	Slovak Republic	**13.1**	(3.6)	**16.8**	(5.3)	**24.0**	(11.3)	-1.3	(12.5)	3.5	(3.4)	-4.5	(5.4)	3.0	(11.0)	-9.6	(11.0)
	Spain	**-32.9**	(2.7)	**-33.2**	(3.8)	**-35.9**	(8.9)	**-47.2**	(13.8)	**-27.6**	(2.7)	**-38.4**	(3.7)	**-45.3**	(7.9)	**-56.1**	(12.0)
	Sweden	**-32.8**	(3.0)	**-56.7**	(6.5)	c	c	c	c	**-36.9**	(3.1)	**-58.2**	(7.0)	c	c	c	c
	Switzerland	**-20.0**	(3.3)	**-29.7**	(6.5)	**-40.1**	(19.6)	c	c	**-23.2**	(3.2)	**-37.4**	(6.1)	**-49.2**	(19.2)	c	c
	Turkey	**10.0**	(3.1)	**21.2**	(4.4)	**42.8**	(4.5)	**52.7**	(6.7)	2.9	(3.3)	2.8	(4.7)	**14.1**	(4.7)	**16.7**	(7.2)
	United Kingdom	**-7.9**	(3.2)	**-26.8**	(4.5)	**-42.1**	(15.2)	-37.8	(24.7)	**-13.5**	(2.9)	**-39.5**	(4.7)	**-68.8**	(13.5)	**-96.1**	(28.8)
	United States	**-19.0**	(3.1)	**-28.5**	(5.1)	**-41.3**	(9.6)	**-59.3**	(16.9)	**-18.6**	(3.2)	**-39.3**	(4.9)	**-57.8**	(11.0)	**-73.8**	(16.4)
	OECD average	**-15.9**	(3.3)	**-26.8**	(5.7)	**-27.9**	(11.3)	-21.4	(17.0)	**-19.7**	(3.2)	**-36.9**	(5.7)	**-44.7**	(11.3)	**-42.6**	(16.5)
Partners	Argentina	**-35.4**	(5.8)	**-29.6**	(7.8)	**-38.4**	(12.9)	c	c	**-37.5**	(5.7)	**-36.6**	(7.5)	**-58.1**	(12.7)	c	c
	Azerbaijan	0.9	(2.7)	-3.7	(3.4)	2.7	(4.8)	10.9	(6.0)	1.6	(2.8)	**-7.5**	(3.6)	-5.1	(5.0)	-3.6	(6.2)
	Brazil	0.4	(3.3)	-6.5	(4.6)	10.0	(11.2)	11.7	(20.6)	-3.0	(3.2)	**-15.9**	(4.4)	-8.9	(11.1)	-14.8	(18.5)
	Bulgaria	**-15.0**	(3.8)	**-25.6**	(4.9)	**-20.8**	(6.9)	**-34.3**	(15.5)	**-20.4**	(3.6)	**-42.2**	(4.8)	**-47.1**	(7.9)	**-58.0**	(17.3)
	Chile	**-10.1**	(2.9)	**-10.7**	(4.0)	-11.5	(8.1)	**-32.3**	(16.1)	**-16.1**	(2.7)	**-28.0**	(3.9)	**-37.9**	(8.0)	**-56.5**	(16.9)
	Colombia	0.7	(3.4)	**9.9**	(4.6)	-6.3	(7.3)	c	c	-2.4	(3.1)	4.7	(4.6)	-13.5	(7.9)	c	c
	Croatia	**-19.3**	(3.4)	**-37.5**	(4.9)	**-35.7**	(9.5)	c	c	**-28.5**	(3.3)	**-51.8**	(4.8)	**-53.8**	(9.5)	c	c
	Estonia	**-25.9**	(2.8)	**-49.5**	(4.0)	**-43.8**	(10.8)	c	c	**-25.5**	(2.5)	**-50.6**	(3.6)	**-58.3**	(10.9)	c	c
	Hong Kong-China	**11.6**	(3.8)	**16.7**	(5.0)	**23.5**	(8.2)	**40.9**	(10.1)	**-10.7**	(3.9)	**-22.2**	(4.8)	**-30.9**	(8.2)	**-23.7**	(10.6)
	Indonesia	1.6	(2.6)	1.9	(4.7)	11.2	(8.0)	-5.7	(10.1)	-1.1	(2.5)	-2.1	(4.2)	3.6	(7.6)	-13.7	(9.2)
	Israel	-5.5	(4.3)	-8.1	(5.4)	-12.4	(9.7)	-26.1	(18.9)	**-15.9**	(4.8)	**-26.3**	(5.8)	**-39.8**	(9.2)	**-44.4**	(21.6)
	Jordan	**-10.9**	(3.0)	**-11.0**	(3.8)	-6.2	(5.9)	**-23.8**	(9.8)	**-9.6**	(3.1)	**-14.9**	(3.7)	**-22.5**	(5.4)	**-40.2**	(9.4)
	Kyrgyzstan	**-10.6**	(3.2)	**-14.3**	(4.1)	**-17.3**	(6.2)	**-22.0**	(8.8)	**-16.5**	(3.5)	**-26.9**	(4.4)	**-39.2**	(6.9)	**-39.1**	(9.1)
	Latvia	**-12.2**	(3.6)	**-19.2**	(4.1)	-11.1	(11.6)	c	c	**-17.9**	(3.3)	**-25.8**	(3.9)	-20.3	(11.2)	c	c
	Liechtenstein	-6.3	(11.4)	c	c	c	c	a	a	-11.7	(11.6)	c	c	c	c	a	a
	Lithuania	**-19.7**	(3.9)	**-36.4**	(4.8)	**-44.8**	(9.9)	c	c	**-18.9**	(3.6)	**-43.8**	(5.0)	**-61.4**	(9.8)	c	c
	Macao-China	-0.6	(3.2)	**-11.0**	(4.7)	-11.5	(6.8)	**17.5**	(8.3)	**-7.0**	(3.0)	**-24.1**	(4.3)	**-38.5**	(6.7)	**-15.7**	(7.7)
	Montenegro	**-17.9**	(2.7)	**-21.7**	(4.3)	**-26.0**	(6.2)	**-36.9**	(7.9)	**-21.8**	(2.7)	**-35.2**	(4.3)	**-49.6**	(6.1)	**-65.5**	(8.6)
	Qatar	**-30.2**	(2.8)	**-25.9**	(3.1)	**-13.9**	(4.9)	-14.3	(9.4)	**-27.4**	(2.8)	**-36.0**	(3.3)	**-39.4**	(5.1)	**-44.6**	(10.0)
	Romania	-0.7	(3.7)	-6.5	(4.3)	-4.0	(8.0)	**-25.5**	(12.2)	**-11.2**	(3.5)	**-24.3**	(4.5)	**-27.7**	(8.1)	**-56.5**	(14.8)
	Russian Federation	**-5.8**	(2.7)	-5.0	(5.0)	-0.3	(7.0)	0.3	(14.8)	**-7.5**	(2.9)	**-12.9**	(4.7)	-10.0	(7.0)	-6.2	(15.4)
	Serbia	**-7.3**	(2.4)	**-9.2**	(3.4)	0.8	(10.5)	**-32.6**	(12.9)	**-13.3**	(2.4)	**-23.2**	(3.6)	**-22.5**	(10.7)	**-62.7**	(14.0)
	Slovenia	**-12.6**	(2.9)	**-26.9**	(4.0)	-14.0	(10.1)	-34.1	(20.9)	**-13.6**	(2.9)	**-34.5**	(4.2)	**-27.9**	(10.7)	-39.3	(22.3)
	Chinese Taipei	**-15.7**	(3.0)	**18.9**	(3.4)	**21.0**	(7.3)	20.8	(11.0)	**-24.9**	(2.8)	-4.3	(3.0)	-6.7	(6.7)	-8.6	(10.6)
	Thailand	**-16.5**	(3.2)	-3.4	(3.7)	4.7	(7.0)	**31.5**	(10.1)	**-20.3**	(2.8)	**-20.7**	(3.5)	**-25.7**	(5.9)	-12.1	(9.2)
	Tunisia	**7.3**	(3.6)	**17.2**	(3.5)	**22.0**	(4.7)	**30.2**	(7.6)	1.5	(3.4)	5.0	(3.8)	4.0	(4.8)	8.4	(7.4)
	Uruguay	**-16.6**	(3.4)	**-21.3**	(5.6)	-14.0	(10.1)	c	c	**-19.5**	(3.5)	**-34.2**	(5.2)	**-35.3**	(9.1)	c	c

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



[Part 1/2]

Table 4.6b Performance in mathematics, by learning time in out-of-school-time lessons in mathematics

		Mathematics performance for students who do not spend any time in out-of-school-time lessons in mathematics		Difference in mathematics performance between students who spend the following learning hours per week in out-of-school-time lessons in mathematics and students who do not spend any time in out-of-school-time lessons in mathematics							
				Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
		Mean score	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	533	(2.1)	**-23.2**	(2.3)	**-30.5**	(4.2)	**-47.9**	(6.2)	**-34.9**	(8.9)
	Austria	521	(3.9)	**-37.4**	(4.4)	**-56.1**	(7.2)	**-79.7**	(11.3)	**-109.1**	(19.5)
	Belgium	546	(2.4)	**-42.5**	(3.4)	**-58.5**	(5.7)	**-84.4**	(8.3)	**-67.7**	(16.5)
	Canada	547	(2.1)	**-27.9**	(2.5)	**-41.4**	(3.0)	**-47.5**	(4.6)	**-51.5**	(10.3)
	Czech Republic	527	(4.2)	**-18.2**	(3.5)	**-36.0**	(6.7)	**-49.0**	(11.5)	**-35.9**	(15.9)
	Denmark	534	(3.8)	**-20.3**	(3.8)	**-34.0**	(4.5)	**-49.3**	(7.0)	**-44.9**	(17.9)
	Finland	559	(2.3)	**-33.2**	(2.8)	**-52.9**	(7.1)	c	c	c	c
	France	521	(3.8)	**-38.1**	(3.5)	**-41.1**	(4.2)	**-61.4**	(10.3)	c	c
	Germany	536	(3.6)	**-46.8**	(3.5)	**-66.8**	(4.4)	**-80.6**	(7.8)	**-108.3**	(15.2)
	Greece	441	(4.5)	6.4	(4.8)	**36.4**	(4.9)	**37.8**	(6.0)	**41.0**	(8.0)
	Hungary	510	(3.9)	**-21.2**	(4.0)	**-28.6**	(4.8)	**-44.2**	(7.9)	**-50.4**	(14.8)
	Iceland	526	(2.3)	**-40.5**	(3.2)	**-55.3**	(5.4)	**-89.4**	(11.0)	c	c
	Ireland	518	(3.0)	**-27.3**	(2.7)	**-45.5**	(5.0)	**-66.6**	(9.3)	**-76.4**	(16.2)
	Italy	477	(2.1)	**-19.0**	(2.6)	**-35.9**	(4.0)	**-55.7**	(5.5)	**-64.8**	(7.6)
	Japan	523	(3.6)	4.2	(4.7)	1.2	(6.3)	-9.8	(9.5)	3.7	(16.2)
	Korea	504	(5.0)	**35.6**	(5.5)	**65.9**	(5.5)	**77.5**	(6.4)	**92.2**	(10.8)
	Luxembourg	515	(1.6)	**-38.9**	(3.2)	**-58.5**	(4.1)	**-106.8**	(7.9)	**-114.2**	(17.8)
	Mexico	423	(3.1)	**-22.0**	(3.5)	**-18.6**	(3.9)	**-38.8**	(6.1)	**-40.6**	(9.8)
	Netherlands	553	(2.9)	**-33.5**	(2.9)	**-50.8**	(5.3)	**-59.0**	(10.2)	c	c
	New Zealand	541	(2.5)	**-34.2**	(3.4)	**-48.7**	(6.3)	**-60.9**	(9.0)	**-80.9**	(17.2)
	Norway	510	(3.1)	**-15.6**	(3.4)	**-40.7**	(4.8)	**-43.9**	(10.2)	**-92.4**	(19.0)
	Poland	507	(2.9)	**-14.6**	(3.1)	**-29.0**	(4.5)	**-38.6**	(10.2)	-14.9	(17.1)
	Portugal	479	(2.7)	**-23.2**	(3.7)	**-16.6**	(4.8)	-14.5	(9.2)	c	c
	Slovak Republic	491	(3.6)	**10.7**	(4.7)	**14.3**	(6.3)	-9.6	(10.6)	c	c
	Spain	497	(2.6)	**-30.1**	(2.6)	**-35.4**	(3.4)	**-36.0**	(5.0)	**-60.4**	(12.7)
	Sweden	524	(2.3)	**-41.7**	(3.5)	**-59.8**	(5.8)	**-93.2**	(11.0)	c	c
	Switzerland	551	(3.4)	**-37.8**	(3.4)	**-58.8**	(5.6)	**-111.3**	(10.2)	**-117.5**	(12.8)
	Turkey	403	(4.2)	**7.9**	(3.8)	**43.0**	(5.0)	**46.7**	(6.3)	**72.5**	(9.3)
	United Kingdom	509	(2.5)	**-22.3**	(3.1)	**-38.9**	(4.5)	**-52.9**	(9.2)	**-61.3**	(22.2)
	United States	501	(4.5)	**-36.9**	(4.0)	**-47.0**	(4.3)	**-61.9**	(7.5)	**-65.4**	(9.0)
	OECD average	511	(3.3)	**-22.7**	(3.6)	**-30.8**	(5.2)	**-45.9**	(8.7)	**-47.0**	(14.7)
Partners	Argentina	402	(6.1)	**-22.7**	(4.5)	**-43.1**	(8.2)	**-31.6**	(14.5)	-9.9	(13.5)
	Azerbaijan	475	(2.6)	4.3	(2.4)	3.9	(2.8)	2.7	(3.6)	2.8	(3.9)
	Brazil	376	(3.7)	-3.8	(4.7)	1.3	(5.3)	11.0	(7.2)	-12.2	(15.1)
	Bulgaria	429	(6.0)	**-18.5**	(4.4)	-9.2	(5.1)	-17.7	(10.1)	-9.8	(14.3)
	Chile	421	(5.3)	**-13.9**	(3.7)	-8.1	(4.9)	**-15.4**	(7.8)	-23.0	(13.1)
	Colombia	378	(4.0)	-7.9	(4.3)	0.6	(4.2)	-6.2	(9.2)	20.5	(13.3)
	Croatia	481	(2.6)	**-24.6**	(2.9)	**-41.5**	(3.5)	**-40.0**	(9.6)	**-75.4**	(16.7)
	Estonia	532	(3.2)	**-21.8**	(3.1)	**-40.5**	(4.0)	**-63.9**	(7.1)	**-67.5**	(12.5)
	Hong Kong-China	554	(4.0)	**-8.8**	(4.4)	-5.9	(4.9)	**-20.6**	(7.8)	-14.8	(11.3)
	Indonesia	386	(6.1)	5.5	(3.1)	**15.2**	(6.5)	11.0	(7.9)	7.4	(13.0)
	Israel	475	(5.4)	**-24.1**	(5.7)	**-31.2**	(5.8)	**-43.3**	(6.3)	**-26.8**	(9.5)
	Jordan	392	(3.7)	**-6.6**	(3.2)	-4.7	(4.1)	-0.4	(4.8)	-0.8	(6.7)
	Kyrgyzstan	335	(5.1)	**-16.9**	(4.6)	**-21.7**	(5.5)	**-22.5**	(6.9)	-18.0	(9.5)
	Latvia	498	(4.3)	**-14.1**	(4.3)	**-20.8**	(6.3)	**-23.1**	(6.9)	-30.7	(18.6)
	Liechtenstein	540	(5.9)	**-33.3**	(12.0)	c	c	c	c	a	a
	Lithuania	496	(3.5)	**-8.3**	(3.8)	**-33.2**	(6.0)	**-54.9**	(9.5)	c	c
	Macao-China	533	(2.1)	**-9.9**	(3.6)	**-14.5**	(5.9)	**-21.3**	(7.4)	-17.2	(9.1)
	Montenegro	415	(1.9)	**-24.7**	(4.0)	**-23.1**	(4.7)	**-30.5**	(7.4)	**-30.4**	(11.0)
	Qatar	347	(3.0)	**-33.9**	(4.1)	**-22.0**	(4.2)	**-32.6**	(5.7)	**-64.2**	(6.5)
	Romania	416	(5.4)	-3.2	(5.2)	7.0	(5.8)	-2.1	(7.9)	-2.9	(12.4)
	Russian Federation	473	(4.4)	**6.9**	(3.3)	9.3	(5.3)	16.9	(9.0)	2.5	(14.1)
	Serbia	443	(3.7)	**-6.6**	(3.3)	-5.2	(4.4)	-8.1	(8.4)	**-44.3**	(12.6)
	Slovenia	532	(1.9)	**-37.1**	(3.7)	**-55.5**	(4.0)	**-68.5**	(7.6)	**-84.0**	(13.3)
	Chinese Taipei	532	(4.8)	**-18.6**	(4.6)	**64.3**	(5.0)	**58.6**	(6.2)	**57.7**	(10.9)
	Thailand	415	(2.6)	**-10.0**	(3.5)	**20.9**	(5.3)	**35.5**	(9.0)	29.2	(16.3)
	Tunisia	352	(4.2)	7.5	(4.5)	**31.6**	(5.9)	**24.3**	(5.5)	**29.9**	(5.9)
	Uruguay	443	(3.2)	**-22.9**	(3.7)	**-25.1**	(7.0)	-13.2	(8.1)	-25.8	(19.5)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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[Part 2/2]
Table 4.6b Performance in mathematics, by learning time in out-of-school-time lessons in mathematics

		Difference in mathematics performance between students who spend the following learning hours per week in out-of-school-time lessons in mathematics and students who do not spend any time in out-of-school-time lessons in mathematics															
		Accounting for socio-economic background of students and schools								Accounting for socio-economic background of students and schools as well as learning time in regular school lessons and individual study in mathematics							
		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
		Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	**-22.7**	(2.1)	**-28.9**	(4.0)	**-45.9**	(5.8)	**-24.6**	(9.0)	**-22.0**	(2.1)	**-41.5**	(3.9)	**-69.8**	(6.0)	**-52.4**	**(9.4)**
	Austria	**-36.3**	(3.9)	**-59.1**	(5.9)	**-67.0**	(9.4)	**-94.6**	(15.9)	**-35.9**	(3.9)	**-55.8**	(6.0)	**-58.8**	(9.6)	**-74.2**	**(16.7)**
	Belgium	**-34.0**	(2.7)	**-51.6**	(4.6)	**-68.8**	(7.9)	**-50.6**	(12.5)	**-35.0**	(2.7)	**-57.0**	(4.7)	**-73.6**	(8.1)	**-66.1**	**(12.3)**
	Canada	**-26.4**	(2.3)	**-40.9**	(2.7)	**-48.7**	(4.4)	**-52.6**	(10.0)	**-23.9**	(2.3)	**-45.3**	(3.1)	**-55.1**	(5.0)	**-55.0**	(9.7)
	Czech Republic	**-16.0**	(3.4)	**-30.3**	(6.8)	**-37.7**	(10.8)	-22.9	(14.2)	**-17.7**	(3.3)	**-30.5**	(6.7)	**-29.5**	(10.4)	-5.6	(17.4)
	Denmark	**-16.3**	(3.4)	**-30.6**	(4.0)	**-43.9**	(6.7)	**-33.8**	(15.9)	**-17.5**	(3.6)	**-31.6**	(4.0)	**-36.8**	(7.8)	-22.5	(17.1)
	Finland	**-30.8**	(2.7)	**-51.3**	(6.6)	c	c	c	c	**-29.4**	(2.8)	**-52.0**	(7.1)	c	c	c	c
	France	**-23.1**	(2.7)	**-33.6**	(3.9)	**-49.1**	(9.0)	c	c	**-25.1**	(2.5)	**-41.8**	(3.8)	**-61.3**	(9.1)	c	**c**
	Germany	**-32.0**	(2.6)	**-47.4**	(4.4)	**-48.4**	(6.7)	**-68.2**	(13.4)	**-32.0**	(2.6)	**-47.2**	(4.3)	**-43.7**	(6.8)	**-58.7**	(14.0)
	Greece	-2.5	(4.3)	**12.5**	(3.6)	**15.6**	(4.8)	**23.8**	(6.8)	-6.0	(4.3)	2.5	(3.8)	2.5	(4.8)	6.2	**(7.1)**
	Hungary	**-15.4**	(2.7)	**-20.8**	(3.0)	**-28.2**	(5.6)	**-34.1**	(11.9)	**-17.7**	(2.8)	-29.4	(3.3)	-41.2	(7.0)	**-45.2**	**(12.6)**
	Iceland	**-40.5**	(3.0)	**-58.7**	(4.9)	**-94.1**	(11.1)	**-84.5**	(18.2)	**-38.1**	(3.0)	-55.2	(5.1)	-85.2	(12.2)	**-73.8**	**(18.9)**
	Ireland	**-27.0**	(2.4)	**-43.1**	(5.0)	**-64.3**	(8.9)	**-65.9**	(14.7)	**-26.7**	(2.3)	-46.4	(5.2)	-66.6	(8.7)	**-57.0**	**(19.1)**
	Italy	**-19.1**	(2.3)	**-38.5**	(3.6)	**-52.3**	(5.0)	**-59.4**	(7.1)	**-16.7**	(2.1)	-41.1	(3.4)	-60.3	(5.2)	**-72.0**	**(7.8)**
	Japan	-5.2	(3.9)	**-14.4**	(4.5)	**-33.5**	(7.4)	**-36.6**	(16.2)	**-8.8**	(3.5)	-22.7	(4.2)	-51.4	(8.0)	**-58.8**	(15.3)
	Korea	**19.4**	(4.7)	**36.1**	(4.4)	**40.1**	(5.0)	**44.1**	(6.5)	**9.4**	(4.7)	14.5	(3.9)	12.0	(4.8)	10.7	**(6.2)**
	Luxembourg	**-32.8**	(2.7)	**-51.2**	(3.6)	**-81.9**	(6.7)	**-93.0**	(15.3)	**-32.5**	(2.7)	-50.7	(3.6)	-75.0	(6.8)	**-74.7**	**(15.8)**
	Mexico	**-14.4**	(2.5)	**-10.2**	(3.1)	**-24.1**	(5.3)	**-21.5**	(8.1)	**-12.8**	(2.4)	-13.6	(3.0)	-31.0	(5.3)	**-26.3**	(7.5)
	Netherlands	**-21.3**	(2.3)	**-34.5**	(4.3)	**-46.5**	(8.3)	c	c	**-23.3**	(2.5)	-41.2	(4.5)	-45.6	(8.3)	c	**c**
	New Zealand	**-32.7**	(3.0)	**-49.1**	(5.3)	**-57.6**	(8.2)	**-59.9**	(15.6)	**-31.8**	(3.1)	-54.7	(5.5)	-72.8	(8.4)	**-77.3**	**(17.5)**
	Norway	**-16.9**	(3.1)	**-41.3**	(4.2)	**-50.5**	(9.5)	**-89.8**	(17.9)	**-26.5**	(3.1)	-55.3	(4.9)	-62.2	(10.3)	**-89.1**	**(18.2)**
	Poland	**-12.4**	(2.8)	**-30.1**	(4.5)	**-40.3**	(9.7)	-24.5	(14.6)	**-12.0**	(2.7)	-32.6	(4.3)	-45.4	(9.8)	**-35.1**	(14.5)
	Portugal	**-17.1**	(3.0)	**-23.3**	(4.3)	**-20.6**	(8.5)	c	c	**-18.3**	(2.8)	-30.1	(4.4)	-41.6	(8.4)	c	c
	Slovak Republic	2.6	(3.6)	-2.5	(5.4)	**-28.8**	(9.5)	c	c	-0.0	(3.4)	-4.9	(5.2)	-29.6	(9.4)	c	**c**
	Spain	**-30.8**	(2.3)	**-36.3**	(2.9)	**-35.0**	(5.1)	**-58.0**	(11.7)	**-25.3**	(2.1)	**-39.1**	(2.8)	-39.9	(4.6)	**-53.8**	(10.3)
	Sweden	**-38.5**	(3.3)	**-57.1**	(4.9)	**-92.9**	(12.5)	c	c	**-37.5**	(3.5)	**-51.5**	(5.3)	-79.5	(13.3)	c	**c**
	Switzerland	**-27.5**	(2.9)	**-43.7**	(4.8)	**-88.5**	(9.8)	**-90.7**	(13.2)	**-26.9**	(2.9)	**-41.5**	(4.6)	-76.1	(9.1)	**-66.5**	**(13.9)**
	Turkey	4.9	(3.5)	**23.3**	(3.6)	**28.5**	(4.8)	**44.0**	(6.2)	-3.5	(4.1)	6.3	(4.4)	3.8	(5.3)	**19.7**	**(6.8)**
	United Kingdom	**-19.0**	(2.9)	**-30.9**	(4.2)	**-45.9**	(9.3)	-26.3	(22.0)	**-20.3**	(2.8)	**-38.0**	(4.5)	**-62.3**	(9.3)	**-50.4**	**(22.3)**
	United States	**-27.4**	(2.9)	**-38.5**	(3.7)	**-46.4**	(6.3)	**-49.5**	(7.9)	**-24.2**	(2.9)	**-46.3**	(4.1)	**-61.9**	(7.2)	**-58.3**	**(10.9)**
	OECD average	**-20.4**	(3.1)	**-30.9**	(4.5)	**-43.3**	(8.0)	**-42.9**	(13.4)	**-21.3**	(3.1)	**-35.8**	(4.6)	**-49.6**	(8.2)	**-47.3**	(14.1)
Partners	Argentina	**-26.5**	(3.7)	**-41.7**	(5.9)	-25.5	(13.5)	-14.9	(12.9)	**-24.2**	(3.7)	**-42.0**	(5.3)	-35.6	(13.0)	-16.2	(14.0)
	Azerbaijan	4.4	(2.4)	3.8	(2.8)	2.6	(3.6)	2.0	(4.0)	3.6	(2.5)	0.5	(2.8)	-4.9	(3.6)	-5.2	**(4.2)**
	Brazil	**-7.3**	(3.5)	-6.2	(4.4)	1.1	(5.9)	-6.1	(13.7)	**-7.4**	(3.3)	**-11.0**	(4.7)	-8.5	(7.1)	-15.5	**(14.1)**
	Bulgaria	**-10.1**	(3.5)	**-11.6**	(3.8)	**-18.1**	(8.6)	-6.6	(12.7)	**-12.8**	(3.4)	**-24.2**	(3.8)	**-39.5**	(9.9)	**-38.4**	(14.3)
	Chile	**-9.0**	(2.6)	-4.5	(3.5)	**-13.6**	(6.6)	**-21.0**	(10.4)	**-12.6**	(2.4)	**-15.3**	(3.4)	**-28.4**	(6.6)	**-40.6**	**(11.4)**
	Colombia	-3.5	(3.8)	3.8	(4.7)	-0.8	(8.7)	26.7	(15.1)	-6.9	(3.7)	-7.2	(4.3)	-15.9	(8.3)	8.0	**(16.6)**
	Croatia	**-27.0**	(2.2)	**-42.7**	(3.2)	**-54.2**	(7.7)	**-79.7**	(14.7)	**-27.0**	(2.2)	**-46.2**	(3.2)	**-58.8**	(7.8)	**-84.9**	**(15.2)**
	Estonia	**-16.8**	(2.9)	**-38.3**	(4.0)	**-59.8**	(5.5)	**-65.2**	(12.4)	**-19.0**	(2.9)	**-43.2**	(3.8)	**-64.7**	(6.3)	**-68.2**	(12.1)
	Hong Kong-China	**-8.9**	(3.9)	**-13.4**	(4.1)	**-28.1**	(7.6)	-13.4	(10.7)	**-11.9**	(3.6)	**-24.2**	(4.0)	**-50.9**	(7.9)	**-47.7**	**(11.1)**
	Indonesia	1.4	(3.1)	7.1	(5.0)	7.2	(6.1)	6.8	(10.8)	-1.5	(3.0)	-0.4	(4.5)	-5.4	(5.8)	-3.1	**(9.4)**
	Israel	-26.7	(5.0)	**-33.6**	(5.3)	**-39.0**	(6.3)	**-34.0**	(9.1)	**-28.3**	(4.8)	**-37.5**	(5.5)	**-45.8**	(6.5)	**-48.0**	**(10.5)**
	Jordan	-7.2	(3.0)	-5.0	(3.5)	-4.3	(4.6)	-6.3	(6.6)	-4.6	(3.0)	**-8.6**	(3.3)	**-16.0**	(4.8)	**-23.1**	(7.2)
	Kyrgyzstan	-10.7	(3.8)	**-14.5**	(4.7)	**-12.0**	(5.7)	-11.8	(8.8)	**-16.3**	(3.5)	**-27.5**	(4.4)	**-37.9**	(6.1)	**-37.3**	(9.0)
	Latvia	-13.7	(3.8)	**-21.8**	(5.0)	**-29.8**	(6.4)	**-41.2**	(16.2)	**-13.8**	(3.6)	**-22.9**	(5.2)	**-26.3**	(6.3)	-30.9	(16.4)
	Liechtenstein	3.6	(9.4)	c	c	c	c	a	a	-0.0	(10.3)	c	c	c	c	a	**a**
	Lithuania	**-7.8**	(3.4)	**-36.8**	(4.7)	**-41.4**	(8.4)	c	c	**-8.0**	(3.3)	**-41.4**	(4.8)	**-53.4**	(8.9)	c	**c**
	Macao-China	**-9.7**	(3.6)	**-18.7**	(5.8)	**-24.2**	(7.4)	**-20.5**	(8.7)	**-8.2**	(3.3)	**-24.6**	(5.5)	**-35.8**	(7.6)	**-35.1**	**(9.0)**
	Montenegro	**-22.8**	(3.5)	**-24.0**	(3.8)	**-34.4**	(6.6)	**-35.0**	(8.8)	**-21.5**	(3.4)	**-31.3**	(3.8)	**-44.2**	(6.5)	**-43.8**	**(8.4)**
	Qatar	**-26.0**	(3.7)	**-18.6**	(3.7)	**-27.6**	(5.2)	**-48.2**	(6.1)	**-23.7**	(3.8)	**-27.2**	(3.7)	**-42.8**	(4.9)	**-72.8**	(6.4)
	Romania	-1.8	(4.6)	1.8	(6.3)	-7.7	(6.0)	-4.7	(9.3)	-6.2	(3.9)	**-13.8**	(6.7)	**-27.3**	(6.8)	**-31.4**	**(9.6)**
	Russian Federation	6.4	(3.3)	4.0	(5.1)	14.1	(8.5)	-0.5	(12.4)	3.5	(3.1)	-5.2	(4.9)	1.6	(8.7)	-19.8	**(14.7)**
	Serbia	**-10.4**	(2.9)	**-11.2**	(3.9)	-13.2	(7.9)	**-33.1**	(11.0)	**-14.1**	(3.0)	**-16.6**	(4.1)	**-21.7**	(7.9)	**-38.9**	(11.6)
	Slovenia	**-23.0**	(2.7)	**-39.3**	(3.3)	**-55.4**	(6.5)	**-53.2**	(10.5)	**-23.4**	(2.9)	**-43.0**	(3.4)	**-59.5**	(6.5)	**-56.2**	**(12.8)**
	Chinese Taipei	**-15.1**	(3.7)	**28.4**	(3.1)	**26.1**	(5.5)	**26.1**	(9.8)	**-16.8**	(3.4)	**6.7**	(2.8)	-2.8	(4.9)	-6.0	(10.1)
	Thailand	**-15.4**	(2.9)	-3.3	(4.2)	**13.3**	(6.3)	2.6	(13.7)	**-17.8**	(2.6)	**-16.1**	(4.2)	-10.1	(5.9)	**-32.1**	(12.2)
	Tunisia	4.6	(4.1)	**14.1**	(4.3)	**11.4**	(4.9)	**17.0**	(5.3)	-6.6	(4.0)	-3.4	(4.7)	-7.1	(5.1)	-3.4	(5.6)
	Uruguay	**-21.7**	(3.2)	**-26.3**	(5.9)	**-17.0**	(7.8)	-19.4	(18.4)	**-19.7**	(3.0)	-31.4	(6.2)	**-28.5**	(8.9)	-33.7	(19.1)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 4.6c [Part 1/2] Performance in reading, by learning time in out-of-school-time lessons on the language of instruction

		Reading performance for students who do not spend any time in out-of-school-time lessons on the language of instruction		Difference in reading performance between students who spend the following learning hours per week in out-of-school-time lessons on the language of instruction and students who do not spend any time in out-of-school-time lessons on the language of instruction							
				Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
		Mean score	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	532	(2.0)	**-39.4**	(2.3)	**-53.3**	(3.8)	**-73.1**	(6.0)	**-93.6**	(11.5)
	Austria	506	(3.6)	**-76.2**	(8.0)	**-116.7**	(13.8)	**-101.2**	(13.5)	c	c
	Belgium	527	(2.4)	**-56.5**	(3.4)	**-72.1**	(5.9)	**-111.7**	(21.2)	**-113.8**	(22.3)
	Canada	549	(2.2)	**-39.3**	(2.6)	**-46.6**	(3.8)	**-55.1**	(6.1)	**-33.1**	(9.2)
	Czech Republic	497	(4.3)	**-16.7**	(3.8)	**-26.1**	(8.5)	-33.8	(18.8)	-24.1	(26.0)
	Denmark	517	(4.6)	**-25.3**	(4.6)	**-29.1**	(4.3)	**-28.0**	(6.5)	-11.0	(11.9)
	Finland	556	(2.2)	**-31.6**	(3.6)	**-43.6**	(7.8)	c	c	c	c
	France	513	(4.1)	**-45.1**	(4.2)	**-43.3**	(5.2)	**-62.4**	(15.0)	c	c
	Germany	532	(3.3)	**-61.6**	(4.9)	**-89.3**	(5.8)	**-101.3**	(9.3)	**-141.4**	(22.4)
	Greece	466	(4.5)	**-15.8**	(4.6)	4.5	(4.8)	1.3	(6.1)	8.8	(9.3)
	Hungary	508	(4.1)	**-34.6**	(4.2)	**-38.8**	(5.0)	**-40.8**	(8.2)	**-29.0**	(13.4)
	Iceland	502	(2.1)	**-38.6**	(4.1)	**-76.0**	(7.9)	**-99.5**	(14.0)	c	c
	Ireland	538	(3.5)	**-47.6**	(3.9)	**-64.8**	(6.1)	**-98.1**	(9.9)	**-92.5**	(15.0)
	Italy	491	(2.3)	**-53.0**	(4.2)	**-67.1**	(5.4)	**-78.5**	(6.5)	**-69.1**	(10.1)
	Japan	505	(3.5)	**-14.2**	(5.2)	**-47.0**	(8.8)	**-69.7**	(13.5)	c	c
	Korea	535	(5.5)	**25.7**	(4.9)	**44.5**	(5.8)	**47.0**	(6.9)	**33.1**	(12.9)
	Luxembourg	506	(1.5)	**-57.8**	(3.5)	**-91.7**	(5.9)	**-142.7**	(11.0)	**-138.5**	(14.9)
	Mexico	432	(3.0)	**-26.0**	(3.2)	**-36.1**	(4.1)	**-44.7**	(9.8)	**-98.3**	(19.9)
	Netherlands	537	(2.7)	**-51.2**	(4.1)	**-75.5**	(6.0)	**-97.9**	(10.5)	c	c
	New Zealand	546	(2.5)	**-51.0**	(4.4)	**-67.4**	(6.1)	**-105.0**	(11.3)	**-96.8**	(16.8)
	Norway	508	(3.5)	**-18.1**	(3.8)	**-37.9**	(5.5)	**-32.7**	(11.8)	**-68.0**	(16.1)
	Poland	520	(3.2)	**-17.6**	(3.6)	**-38.0**	(7.2)	**-60.6**	(12.3)	**-62.1**	(21.5)
	Portugal	499	(3.2)	**-66.4**	(4.8)	**-78.4**	(7.7)	**-81.8**	(10.0)	c	c
	Slovak Republic	460	(4.3)	**22.0**	(4.6)	**18.3**	(7.3)	-4.6	(14.8)	c	c
	Spain	481	(2.1)	**-56.0**	(3.4)	**-70.0**	(4.9)	**-66.6**	(6.4)	**-107.8**	(15.6)
	Sweden	529	(3.7)	**-40.9**	(3.5)	**-48.2**	(6.1)	**-67.2**	(14.3)	**-92.5**	(15.1)
	Switzerland	520	(2.9)	**-57.1**	(4.1)	**-85.6**	(8.0)	**-102.9**	(10.8)	**-133.1**	(17.4)
	Turkey	458	(5.9)	**-11.6**	(4.9)	-9.6	(5.2)	-11.3	(9.2)	-8.9	(9.5)
	United Kingdom	514	(2.4)	**-37.0**	(3.6)	**-57.8**	(5.8)	**-75.6**	(10.9)	**-86.2**	(25.3)
	United States	m	m	m	m	m	m	m	m	m	m
	OECD average	510	(3.4)	**-35.8**	(4.3)	**-49.7**	(6.6)	**-64.2**	(11.5)	**-69.4**	(16.8)
Partners	Argentina	404	(6.5)	**-67.5**	(7.9)	**-94.2**	(12.1)	**-108.8**	(22.1)	c	c
	Azerbaijan	367	(4.2)	**-12.3**	(4.3)	**-12.4**	(4.8)	-8.5	(4.8)	-10.3	(7.2)
	Brazil	406	(4.6)	-6.7	(3.9)	**-16.9**	(5.1)	**-25.9**	(11.3)	-26.0	(18.3)
	Bulgaria	432	(7.1)	**-40.2**	(5.6)	**-44.4**	(9.1)	**-36.0**	(10.2)	**-39.1**	(19.0)
	Chile	467	(5.6)	**-34.3**	(4.4)	**-43.4**	(5.0)	**-53.7**	(9.6)	**-63.0**	(18.7)
	Colombia	406	(5.1)	**-25.4**	(4.9)	**-32.5**	(5.5)	**-30.5**	(12.4)	-30.1	(18.3)
	Croatia	492	(2.4)	**-50.8**	(4.7)	**-75.8**	(6.3)	**-78.9**	(12.0)	c	c
	Estonia	521	(2.9)	**-33.0**	(2.9)	**-49.6**	(5.1)	**-60.3**	(8.7)	c	c
	Hong Kong-China	548	(2.9)	**-20.0**	(3.9)	**-36.6**	(5.7)	**-44.0**	(8.5)	**-41.1**	(14.7)
	Indonesia	403	(7.0)	**-8.9**	(2.9)	**-18.3**	(4.8)	**-27.5**	(8.3)	**-45.1**	(12.9)
	Israel	479	(4.9)	**-33.5**	(5.5)	**-51.3**	(6.2)	**-90.5**	(8.5)	**-65.4**	(14.1)
	Jordan	425	(4.0)	**-24.5**	(3.6)	**-24.1**	(4.2)	**-31.7**	(5.6)	**-40.9**	(8.0)
	Kyrgyzstan	315	(6.2)	**-23.3**	(5.4)	**-25.0**	(6.7)	-14.3	(7.7)	**-32.4**	(9.3)
	Latvia	498	(4.5)	**-29.0**	(4.1)	**-38.9**	(5.1)	**-62.4**	(11.7)	c	c
	Liechtenstein	525	(4.6)	**-42.6**	(15.3)	c	c	c	c	a	a
	Lithuania	487	(3.5)	**-30.1**	(4.7)	**-57.6**	(6.3)	**-55.0**	(9.1)	**-82.1**	(17.1)
	Macao-China	505	(1.7)	**-15.9**	(3.0)	**-34.6**	(4.9)	**-47.4**	(6.9)	**-35.6**	(9.0)
	Montenegro	409	(1.7)	**-34.6**	(3.9)	**-37.4**	(5.2)	**-22.1**	(8.4)	**-54.1**	(11.6)
	Qatar	356	(2.9)	**-48.3**	(4.1)	**-47.5**	(4.7)	**-58.3**	(6.3)	**-90.7**	(10.0)
	Romania	404	(5.8)	**-10.9**	(4.9)	-8.3	(6.2)	0.8	(9.1)	8.2	(11.2)
	Russian Federation	450	(4.3)	**-11.0**	(3.1)	**-25.5**	(5.6)	**-38.6**	(13.2)	-12.4	(19.3)
	Serbia	417	(3.7)	**-26.2**	(3.4)	**-31.6**	(4.9)	**-27.9**	(8.6)	**-47.2**	(13.3)
	Slovenia	518	(1.5)	**-39.6**	(2.7)	**-57.5**	(4.2)	**-55.6**	(11.5)	c	c
	Chinese Taipei	509	(3.5)	**-37.1**	(4.0)	**-13.4**	(3.8)	**-26.0**	(9.2)	-16.9	(13.1)
	Thailand	430	(2.7)	**-35.7**	(2.9)	**-54.3**	(5.7)	**-74.1**	(8.9)	c	c
	Tunisia	409	(6.7)	**-25.0**	(6.0)	**-38.9**	(7.4)	**-37.5**	(8.3)	**-39.2**	(10.8)
	Uruguay	435	(3.5)	**-35.9**	(4.9)	**-34.4**	(8.9)	-20.0	(17.9)	**-68.3**	(27.9)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 4.6c [Part 2/2] Performance in reading, by learning time in out-of-school-time lessons on the language of instruction

		Difference in reading performance between students who spend the following learning hours per week in out-of-school-time lessons on the language of instruction and students who do not spend any time in out-of-school-time lessons on the language of instruction															
		Accounting for socio-economic background of students and schools								Accounting for socio-economic background of students and schools as well as learning time in regular school lessons and individual study on the language of instruction							
		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
		Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	**-35.3**	(2.1)	**-47.9**	(3.5)	**-68.2**	(5.9)	**-84.9**	(10.8)	**-32.6**	(2.2)	**-56.6**	(3.7)	**-83.8**	(6.1)	**-95.1**	(12.2)
	Austria	**-48.0**	(6.9)	**-80.5**	(13.3)	**-53.5**	(13.4)	c	c	**-45.9**	(7.0)	**-70.6**	(13.6)	**-37.3**	(13.8)	c	c
	Belgium	**-36.1**	(3.0)	**-49.5**	(4.7)	**-87.2**	(18.4)	**-78.9**	(21.6)	**-36.9**	(3.0)	**-51.3**	(5.0)	**-79.0**	(18.9)	**-65.7**	(22.4)
	Canada	**-33.8**	(2.3)	**-44.1**	(3.6)	**-53.5**	(5.3)	**-41.7**	(8.8)	**-30.8**	(2.4)	**-51.3**	(3.7)	**-70.3**	(6.3)	**-49.3**	(10.9)
	Czech Republic	**-9.9**	(3.3)	**-16.2**	(7.6)	**-22.8**	(16.7)	-21.2	(23.3)	**-13.3**	(3.3)	**-20.8**	(7.6)	-15.5	(16.0)	16.2	(25.6)
	Denmark	**-21.6**	(4.2)	**-25.2**	(3.9)	**-24.6**	(5.8)	-8.8	(12.5)	**-18.4**	(3.9)	**-31.0**	(3.8)	**-31.9**	(6.4)	-14.7	(12.7)
	Finland	**-28.9**	(3.4)	**-41.0**	(7.7)	c	c	c	c	**-29.8**	(3.4)	**-55.1**	(7.6)	c	c	c	c
	France	**-21.0**	(3.6)	**-20.6**	(4.7)	**-33.3**	(11.3)	c	c	**-20.3**	(3.4)	**-33.6**	(4.9)	**-55.3**	(10.9)	c	c
	Germany	**-37.7**	(4.0)	**-50.4**	(4.8)	**-62.1**	(7.7)	**-81.1**	(14.5)	**-36.9**	(4.0)	**-52.7**	(5.0)	**-61.5**	(8.3)	**-70.1**	(13.9)
	Greece	**-15.9**	(3.9)	-1.5	(4.4)	0.6	(5.7)	4.9	(9.0)	**-14.9**	(3.7)	**-11.4**	(4.0)	**-15.9**	(6.1)	-6.8	(9.4)
	Hungary	**-18.1**	(3.4)	**-22.0**	(3.5)	**-31.3**	(7.0)	-13.9	(10.1)	**-18.8**	(3.6)	**-35.8**	(3.4)	**-47.9**	(6.8)	-22.4	(12.1)
	Iceland	**-39.1**	(3.9)	**-79.9**	(7.6)	**-101.6**	(13.2)	c	c	**-34.3**	(3.9)	**-75.8**	(7.2)	**-85.4**	(14.1)	c	c
	Ireland	**-39.6**	(4.0)	**-56.1**	(5.7)	**-89.9**	(9.1)	**-83.6**	(13.3)	**-36.4**	(3.8)	**-57.4**	(5.9)	**-90.3**	(9.8)	**-73.8**	(15.2)
	Italy	**-34.7**	(3.1)	**-51.5**	(4.8)	**-60.9**	(6.0)	**-51.8**	(8.6)	**-26.4**	(3.1)	**-49.4**	(4.7)	**-65.7**	(6.0)	**-52.2**	(9.0)
	Japan	**-14.9**	(4.4)	**-36.1**	(6.6)	**-70.3**	(12.4)	c	c	**-19.8**	(4.4)	**-45.2**	(7.2)	**-84.9**	(13.8)	c	c
	Korea	**11.8**	(3.9)	**24.0**	(4.3)	**19.9**	(6.1)	9.5	(11.6)	6.0	(3.7)	**11.6**	(3.9)	3.2	(6.0)	-6.8	(12.2)
	Luxembourg	**-42.2**	(3.2)	**-65.9**	(5.5)	**-108.6**	(9.8)	**-106.6**	(12.6)	**-39.8**	(3.2)	**-65.3**	(5.7)	**-103.9**	(11.1)	**-98.3**	(12.6)
	Mexico	**-15.0**	(2.2)	**-20.8**	(3.6)	**-26.0**	(8.7)	**-73.4**	(17.4)	**-14.3**	(2.1)	**-23.4**	(3.3)	**-33.1**	(9.3)	**-72.5**	(17.3)
	Netherlands	**-30.1**	(3.0)	**-45.4**	(4.8)	**-58.6**	(11.2)	c	c	**-30.2**	(3.1)	**-47.5**	(5.0)	**-54.5**	(11.5)	c	c
	New Zealand	**-44.9**	(3.7)	**-61.0**	(5.6)	**-96.3**	(10.1)	**-89.9**	(14.9)	**-39.4**	(3.7)	**-65.6**	(5.8)	**-108.0**	(11.1)	**-99.5**	(19.7)
	Norway	**-17.2**	(3.6)	**-36.5**	(5.3)	**-36.1**	(11.6)	**-74.7**	(15.9)	**-25.6**	(3.4)	**-54.6**	(5.1)	**-50.4**	(12.6)	**-70.7**	(18.3)
	Poland	**-13.5**	(3.8)	**-33.2**	(6.8)	**-57.8**	(11.4)	**-60.8**	(17.8)	**-12.5**	(3.7)	**-34.8**	(6.5)	**-69.5**	(11.8)	**-69.7**	(18.3)
	Portugal	**-47.5**	(3.5)	**-63.4**	(6.6)	**-71.2**	(9.4)	c	c	**-41.1**	(3.4)	**-62.0**	(6.5)	**-80.1**	(9.4)	c	c
	Slovak Republic	**13.7**	(3.5)	**12.0**	(5.8)	-5.4	(11.6)	c	c	**6.9**	(3.3)	-1.0	(6.0)	-14.0	(12.5)	c	c
	Spain	**-49.5**	(3.1)	**-60.7**	(4.5)	**-57.7**	(6.3)	**-95.8**	(14.4)	**-37.3**	(3.0)	**-60.2**	(4.3)	**-64.5**	(6.0)	**-83.7**	(12.7)
	Sweden	**-35.9**	(3.6)	**-44.3**	(5.3)	**-68.7**	(14.8)	**-94.7**	(18.0)	**-38.6**	(3.3)	**-46.8**	(6.1)	**-66.1**	(14.8)	**-68.8**	(15.4)
	Switzerland	**-41.8**	(3.6)	**-66.9**	(6.7)	**-80.1**	(10.3)	**-111.8**	(14.2)	**-38.1**	(3.3)	**-63.0**	(6.5)	**-64.4**	(9.0)	**-80.4**	(17.0)
	Turkey	-6.4	(3.5)	-1.9	(4.2)	2.5	(6.7)	0.2	(7.8)	-6.1	(3.4)	**-8.8**	(4.4)	-11.6	(7.3)	-9.9	(8.1)
	United Kingdom	**-29.2**	(3.2)	**-47.4**	(6.0)	**-60.0**	(9.3)	-64.6	(24.5)	**-30.1**	(3.1)	**-60.2**	(6.3)	**-80.6**	(9.3)	**-91.9**	(28.1)
	United States	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	OECD average	**-27.0**	(3.6)	**-39.1**	(5.9)	**-52.2**	(10.4)	**-58.3**	(15.1)	**-26.1**	(3.6)	**-44.1**	(5.9)	**-57.9**	(10.7)	**-56.5**	(16.2)
Partners	Argentina	**-54.9**	(7.3)	**-70.9**	(11.8)	**-97.8**	(18.8)	c	c	**-50.2**	(7.2)	**-70.7**	(11.5)	**-104.2**	(18.0)	c	c
	Azerbaijan	-7.6	(4.2)	**-10.4**	(4.1)	**-9.7**	(4.6)	-10.4	(7.1)	-5.8	(4.4)	**-12.5**	(4.1)	**-17.1**	(4.6)	**-19.6**	(7.2)
	Brazil	**-6.7**	(3.1)	**-15.3**	(4.1)	**-18.3**	(9.3)	-15.7	(15.5)	-4.8	(2.9)	**-17.6**	(4.6)	**-21.9**	(9.4)	-13.1	(15.5)
	Bulgaria	**-20.7**	(3.9)	**-33.1**	(5.9)	**-25.1**	(9.0)	**-36.0**	(14.7)	**-23.9**	(3.9)	**-48.4**	(5.9)	**-55.0**	(9.3)	**-72.7**	(15.1)
	Chile	**-17.9**	(3.3)	**-24.9**	(4.0)	**-36.0**	(8.6)	**-43.7**	(15.6)	**-17.7**	(3.2)	**-36.5**	(4.3)	**-59.9**	(9.7)	**-59.3**	(19.0)
	Colombia	**-15.2**	(4.8)	**-20.0**	(4.9)	**-22.6**	(12.1)	-26.3	(17.2)	**-16.2**	(4.5)	**-22.8**	(5.7)	**-27.3**	(11.9)	**-24.1**	(19.1)
	Croatia	**-39.1**	(4.0)	**-64.0**	(6.7)	**-62.1**	(10.6)	c	c	**-37.5**	(3.9)	**-68.1**	(6.7)	**-70.1**	(11.0)	c	c
	Estonia	**-28.4**	(2.7)	**-42.0**	(4.5)	**-53.8**	(8.5)	c	c	**-28.7**	(2.7)	**-47.6**	(4.8)	**-62.7**	(8.7)	c	c
	Hong Kong-China	**-12.0**	(4.2)	**-25.4**	(5.4)	**-34.6**	(9.0)	**-29.2**	(14.5)	**-9.9**	(4.0)	**-30.8**	(5.6)	**-51.6**	(9.3)	**-43.9**	(14.3)
	Indonesia	**-6.8**	(3.0)	**-9.9**	(3.9)	**-13.1**	(6.5)	**-33.9**	(12.1)	**-9.4**	(3.0)	**-13.4**	(3.7)	**-20.2**	(5.6)	**-34.9**	(13.1)
	Israel	**-30.2**	(5.4)	**-42.0**	(5.7)	**-75.2**	(8.7)	**-58.6**	(13.8)	**-36.6**	(5.2)	**-52.5**	(5.3)	**-86.0**	(8.7)	**-60.3**	(15.1)
	Jordan	**-21.3**	(3.4)	**-18.6**	(3.9)	**-26.3**	(6.0)	**-32.1**	(7.9)	**-16.3**	(3.5)	**-19.4**	(4.1)	**-35.2**	(6.4)	**-49.1**	(7.3)
	Kyrgyzstan	**-11.6**	(4.5)	**-12.9**	(6.2)	-2.4	(7.6)	-13.8	(8.2)	**-14.5**	(4.6)	**-29.7**	(6.2)	**-33.5**	(8.2)	**-42.5**	(9.8)
	Latvia	**-20.3**	(3.5)	**-32.1**	(5.1)	**-52.9**	(10.0)	c	c	**-21.2**	(3.5)	**-35.0**	(4.8)	**-52.7**	(10.8)	c	c
	Liechtenstein	-4.6	(10.6)	c	c	c	c	a	a	-2.8	(11.8)	c	c	c	c	a	a
	Lithuania	**-21.9**	(3.9)	**-47.4**	(5.7)	**-42.9**	(8.5)	**-63.8**	(17.3)	**-16.0**	(3.6)	**-50.3**	(5.8)	**-56.9**	(9.4)	**-80.0**	(21.2)
	Macao-China	**-15.2**	(3.0)	**-35.1**	(4.8)	**-47.3**	(7.0)	**-37.4**	(9.1)	**-14.0**	(2.9)	**-36.9**	(4.8)	**-50.5**	(6.8)	**-41.0**	(9.5)
	Montenegro	**-26.7**	(3.7)	**-29.9**	(5.1)	**-19.3**	(7.5)	**-49.0**	(11.0)	**-24.8**	(3.7)	**-41.9**	(5.3)	**-35.4**	(7.6)	**-48.2**	(12.7)
	Qatar	**-42.0**	(3.8)	**-39.3**	(4.4)	**-50.6**	(6.4)	**-76.5**	(10.0)	**-42.4**	(3.9)	**-50.3**	(4.4)	**-68.1**	(6.5)	**-95.8**	(10.6)
	Romania	**-7.4**	(3.7)	-5.1	(5.4)	1.5	(8.1)	**19.5**	(9.9)	**-7.8**	(3.7)	**-19.2**	(5.6)	**-24.8**	(8.4)	-12.1	(11.3)
	Russian Federation	**-6.7**	(2.9)	**-20.9**	(5.6)	**-32.7**	(12.1)	-3.9	(20.0)	**-7.1**	(3.0)	**-18.9**	(5.6)	**-25.6**	(11.2)	17.4	(18.5)
	Serbia	**-17.3**	(3.2)	**-24.6**	(3.8)	**-21.4**	(8.1)	**-31.3**	(12.4)	**-20.0**	(3.1)	**-32.5**	(4.0)	**-32.8**	(8.9)	**-40.0**	(14.2)
	Slovenia	**-20.5**	(2.2)	**-33.4**	(3.7)	**-18.3**	(7.8)	c	c	**-20.4**	(2.2)	**-40.9**	(3.5)	**-37.8**	(7.9)	c	c
	Chinese Taipei	**-22.9**	(3.0)	**-9.8**	(3.5)	**-21.0**	(9.0)	-11.8	(11.5)	**-16.2**	(2.9)	**-17.9**	(3.0)	**-35.8**	(8.4)	**-27.2**	(11.9)
	Thailand	**-26.6**	(3.1)	**-41.8**	(5.4)	**-53.7**	(7.8)	c	c	**-30.6**	(3.1)	**-51.0**	(6.0)	**-67.0**	(7.9)	c	c
	Tunisia	-8.1	(4.4)	**-13.9**	(4.6)	-10.5	(5.9)	-12.8	(8.6)	**-15.0**	(4.0)	**-26.8**	(4.5)	**-28.9**	(6.4)	**-34.6**	(9.8)
	Uruguay	**-20.8**	(4.4)	**-19.7**	(8.1)	-9.0	(15.7)	-31.0	(23.3)	**-20.7**	(4.3)	**-31.5**	(8.6)	-21.0	(16.0)	-45.5	(30.1)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



[Part 1/3]
Table 4.7 Students' latent performance, by different types of out-of-school-time lessons[1]

		Direct effects of the following types of out-of-school-time lessons on students' latent performance[2]																			
		Group lessons with school teacher		Group lessons with non-school teachers		Group lessons with both school and non-school teachers		One-to-one lessons with non-school teacher		Both one-to-one and group lessons with school teachers		Both one-to-one and group lessons with non-school teachers		Both one-to-one and group lessons with both school and non-school teachers		Other types of out-of-school-time lessons		Student's PISA index of economic, social and cultural status		School average index of economic, social and cultural status	
		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.	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	**-10.7**	(4.6)	**21.7**	(5.5)	**-44.0**	(8.8)	4.9	(3.0)	**-37.1**	(7.4)	-8.6	(5.3)	**-71.4**	(5.9)	**-17.8**	(4.9)	**22.7**	(1.1)	**44.6**	(3.9)
	Austria	**-12.6**	(4.5)	**-37.7**	(6.1)	**-56.8**	(7.1)	**-25.0**	(4.8)	**-33.2**	(9.9)	**-33.8**	(12.0)	**-58.8**	(5.2)	**-44.6**	(13.2)	**8.7**	(1.3)	**93.1**	(4.6)
	Belgium	**-30.6**	(4.8)	10.6	(5.7)	**-78.3**	(10.5)	**-16.6**	(3.4)	**-35.5**	(8.1)	**-32.0**	(6.1)	**-73.3**	(6.8)	**-37.8**	(5.7)	**15.3**	(1.1)	**97.5**	(5.2)
	Canada	**-9.9**	(3.9)	4.2	(5.6)	**-51.7**	(8.6)	**-14.6**	(3.3)	**-46.4**	(4.6)	**-20.8**	(4.9)	**-73.7**	(4.7)	**-28.7**	(4.1)	**20.3**	(1.0)	**35.7**	(4.2)
	Czech Republic	**-11.6**	(5.8)	11.3	(8.2)	**-50.0**	(13.4)	**-13.1**	(3.5)	**-44.5**	(6.9)	**-17.8**	(7.0)	**-76.9**	(6.0)	**-33.5**	(6.3)	**14.2**	(1.2)	**89.3**	(5.7)
	Denmark	**-22.8**	(5.3)	5.9	(8.2)	**-58.9**	(14.8)	-15.8	(8.3)	**-72.2**	(8.3)	**-40.3**	(10.9)	**-82.8**	(9.5)	**-67.6**	(10.9)	**26.4**	(1.4)	**36.1**	(5.9)
	Finland	**-47.0**	(4.6)	-0.7	(9.1)	**-45.5**	(17.8)	**-15.9**	(7.6)	**-49.3**	(6.2)	**27.9**	(12.9)	**-77.5**	(8.6)	**-24.3**	(7.9)	**23.6**	(1.2)	**10.6**	(4.5)
	France	-2.2	(3.9)	-6.2	(7.8)	**-43.0**	(13.7)	**-23.2**	(3.9)	**-20.7**	(10.1)	**-20.9**	(5.2)	**-41.3**	(5.9)	**-36.1**	(7.9)	**16.3**	(1.4)	**93.8**	(4.7)
	Germany	5.3	(4.6)	-3.3	(5.1)	**-50.2**	(8.8)	**-17.3**	(3.4)	**-58.9**	(12.9)	**-30.6**	(8.4)	**-54.2**	(7.5)	**-30.1**	(6.6)	**12.7**	(1.1)	**110.8**	(4.9)
	Greece	1.0	(9.4)	**36.7**	(4.7)	15.6	(8.1)	**12.6**	(5.2)	**-38.1**	(8.3)	**20.1**	(4.7)	**-32.5**	(4.7)	-17.9	(12.1)	**15.5**	(1.5)	**56.3**	(5.0)
	Hungary	5.7	(4.7)	-12.2	(9.8)	**-24.4**	(8.7)	**-6.8**	(3.1)	-6.3	(5.5)	**-9.2**	(4.7)	**-23.9**	(3.8)	**-17.4**	(5.9)	**6.9**	(1.2)	**83.8**	(4.5)
	Iceland	-4.8	(5.1)	16.0	(9.6)	-4.7	(10.8)	**-41.5**	(5.0)	**-60.3**	(7.0)	**-35.5**	(8.8)	**-76.3**	(9.7)	**-47.9**	(10.2)	**24.8**	(1.2)	3.3	(6.5)
	Ireland	**-20.5**	(5.6)	**10.8**	(5.4)	**-37.2**	(15.4)	**-11.8**	(3.4)	**-86.3**	(9.0)	**-27.4**	(6.1)	**-73.4**	(7.2)	**-57.3**	(8.4)	**26.0**	(1.5)	**36.9**	(4.6)
	Italy	**6.7**	(2.7)	**-15.5**	(5.2)	**-39.5**	(4.3)	**-14.8**	(2.8)	**a**	a	**-43.1**	(4.6)	**-19.2**	(2.7)	**a**	a	**8.2**	(1.0)	**86.1**	(5.0)
	Japan	**-18.3**	(3.5)	4.8	(5.6)	**-30.8**	(5.5)	**-18.2**	(5.7)	**-45.1**	(10.6)	4.9	(7.9)	**-51.5**	(6.8)	**-29.5**	(11.2)	**3.7**	(1.2)	**95.7**	(7.3)
	Korea	**28.0**	(4.5)	**28.1**	(4.8)	**27.2**	(5.0)	**15.5**	(5.4)	0.6	(9.7)	**13.9**	(5.3)	**18.6**	(5.0)	-3.3	(10.3)	**6.6**	(1.4)	**68.1**	(6.5)
	Luxembourg	**-13.6**	(5.1)	-3.3	(8.4)	**-71.7**	(14.8)	**-18.1**	(3.8)	**-45.3**	(6.4)	**-31.7**	(7.8)	**-76.0**	(6.6)	**-20.9**	(6.6)	**25.6**	(2.2)	**77.8**	(5.1)
	Mexico	**-14.8**	(3.3)	3.5	(4.4)	**-43.2**	(3.9)	**-17.1**	(6.1)	**-38.0**	(4.2)	**-10.9**	(3.0)	**-53.5**	(3.3)	**-47.6**	(6.5)	**7.7**	(0.8)	**46.5**	(3.2)
	Netherlands	7.3	(7.0)	-16.3	(9.3)	**-65.5**	(11.2)	**-18.3**	(5.7)	**-28.3**	(7.1)	**-33.2**	(9.7)	**-48.2**	(8.3)	**-20.1**	(6.5)	**8.6**	(1.0)	**111.7**	(6.2)
	New Zealand	-2.5	(6.9)	5.4	(7.3)	**-58.7**	(11.0)	**-9.1**	(4.6)	**-47.3**	(8.9)	**-27.4**	(8.5)	**-81.4**	(7.5)	**-22.8**	(10.5)	**33.3**	(1.5)	**46.1**	(4.3)
	Norway	**-32.5**	(4.0)	**-35.2**	(16.3)	**-59.5**	(9.0)	**-23.3**	(10.8)	**-92.1**	(7.1)	**-32.2**	(13.3)	**-100.8**	(5.8)	**-73.1**	(11.4)	**20.8**	(1.3)	**27.2**	(6.0)
	Poland	**11.6**	(3.1)	**21.0**	(5.7)	**-25.2**	(6.9)	-5.9	(4.5)	**-34.7**	(5.2)	3.8	(7.1)	**-45.2**	(4.3)	**-39.0**	(7.3)	**31.7**	(1.3)	**16.1**	(4.5)
	Portugal	**-15.5**	(3.7)	6.5	(5.4)	**-49.4**	(13.5)	-4.3	(4.3)	**-45.5**	(4.3)	-5.1	(5.3)	**-64.1**	(6.1)	**-29.2**	(6.3)	**22.4**	(1.5)	**38.4**	(4.7)
	Slovak Republic	6.9	(7.1)	-3.2	(8.5)	**-40.5**	(15.8)	**-19.7**	(5.2)	4.0	(5.3)	-6.9	(4.3)	**-29.6**	(5.1)	**-32.4**	(6.4)	**19.3**	(1.7)	**65.5**	(7.8)
	Spain	**-34.7**	(3.8)	**13.8**	(3.0)	**-87.6**	(8.3)	**-18.5**	(3.3)	**-76.7**	(5.2)	**-11.0**	(3.0)	**-82.1**	(4.2)	**-53.8**	(7.6)	**23.6**	(1.2)	**25.9**	(3.1)
	Sweden	**-53.0**	(3.7)	-10.7	(17.1)	**-71.6**	(7.5)	-10.3	(8.3)	**-91.3**	(6.1)	-12.2	(11.0)	**-111.0**	(5.1)	**-71.7**	(11.5)	**22.1**	(2.0)	**25.7**	(6.0)
	Switzerland	4.7	(3.8)	-5.8	(6.8)	**-74.2**	(11.1)	**-19.4**	(3.0)	**-66.8**	(9.2)	**-38.7**	(6.5)	**-76.4**	(8.7)	**-53.8**	(7.8)	**22.1**	(1.3)	**73.1**	(5.9)
	Turkey	**10.6**	(5.0)	**40.6**	(5.6)	**-17.6**	(7.1)	6.4	(5.1)	-5.1	(5.5)	**26.2**	(5.5)	**-19.5**	(5.3)	-11.0	(8.1)	**8.3**	(1.1)	**71.1**	(6.0)
	United Kingdom	**23.0**	(3.9)	1.0	(6.3)	**-38.1**	(7.9)	-3.9	(4.3)	**-13.5**	(6.3)	**-26.1**	(9.4)	**-46.3**	(5.3)	**-18.8**	(6.3)	**25.4**	(1.4)	**62.2**	(5.1)
	United States	-7.1	(5.9)	-6.3	(8.4)	**-60.2**	(9.0)	0.6	(6.6)	**-38.2**	(5.5)	**-21.6**	(7.9)	**-80.2**	(4.7)	**-23.8**	(5.4)	**29.2**	(1.6)	**41.5**	(5.7)
	OECD average	**-8.5**	(0.9)	**2.9**	(1.4)	**-44.5**	(1.9)	**-12.1**	(1.0)	**-43.2**	(1.4)	**-16.0**	(1.4)	**-59.4**	(1.1)	**-34.9**	(1.6)	**18.4**	(0.2)	**59.0**	(1.0)
Partners	Argentina	**-26.5**	(11.9)	**18.5**	(7.5)	**-56.4**	(11.0)	-2.8	(4.8)	**-37.0**	(8.1)	-8.1	(6.2)	**-58.8**	(8.3)	**-44.2**	(11.8)	**14.3**	(1.9)	**68.6**	(7.8)
	Azerbaijan	1.6	(3.7)	**17.3**	(5.8)	5.9	(3.8)	9.6	(6.5)	2.6	(4.2)	**10.9**	(5.3)	**-6.5**	(2.7)	7.5	(4.3)	**7.4**	(0.8)	**12.4**	(5.6)
	Brazil	**-18.2**	(3.5)	3.0	(4.8)	**-34.2**	(4.6)	0.5	(4.2)	**-49.0**	(5.5)	**-13.5**	(5.4)	**-38.2**	(3.8)	**-21.2**	(7.1)	**11.4**	(1.2)	**61.4**	(4.1)
	Bulgaria	**19.6**	(5.7)	**27.4**	(6.0)	**-20.6**	(8.5)	**-10.5**	(4.5)	**-37.3**	(6.3)	**-18.2**	(6.1)	**-58.7**	(4.6)	**-19.3**	(7.6)	**13.3**	(1.7)	**79.9**	(6.0)
	Chile	-4.1	(3.7)	-2.8	(7.1)	**-29.1**	(5.6)	**-23.5**	(4.4)	**-26.8**	(6.1)	-14.0	(7.6)	**-48.0**	(4.9)	**-23.4**	(10.0)	**13.9**	(1.3)	**58.8**	(3.9)
	Colombia	**-18.6**	(4.0)	0.8	(5.1)	**-47.1**	(9.4)	**-17.1**	(5.2)	**-42.7**	(5.7)	-3.8	(3.9)	**-47.4**	(5.0)	**-38.7**	(9.6)	**13.8**	(1.3)	**37.9**	(4.6)
	Croatia	**-13.2**	(6.0)	-2.6	(5.0)	**-60.4**	(10.1)	**-13.3**	(3.6)	**-38.4**	(6.8)	**-23.3**	(4.3)	**-62.2**	(5.7)	**-21.4**	(5.6)	**12.4**	(1.3)	**70.0**	(6.6)
	Estonia	**-24.3**	(4.6)	**15.3**	(5.4)	**-61.5**	(11.0)	**-25.5**	(6.1)	**-34.9**	(5.4)	**-29.3**	(6.1)	**-67.1**	(4.6)	**-38.5**	(5.8)	**18.6**	(1.4)	**35.4**	(6.5)
	Hong Kong-China	6.8	(4.1)	**20.6**	(5.3)	**14.4**	(5.4)	**-14.6**	(6.3)	**-45.6**	(16.4)	-8.5	(6.1)	**-28.6**	(4.6)	**-58.8**	(14.8)	**9.1**	(1.5)	**62.1**	(7.0)
	Indonesia	-8.0	(5.1)	2.2	(3.7)	**-21.3**	(6.8)	-6.0	(6.7)	**-19.0**	(5.9)	-7.6	(6.1)	**-37.6**	(5.6)	**-13.1**	(5.7)	**2.8**	(0.8)	**49.5**	(5.1)
	Israel	-12.4	(8.2)	17.7	(9.1)	**-25.9**	(10.8)	4.6	(5.6)	**-38.5**	(7.3)	7.6	(6.8)	**-55.3**	(5.4)	-17.6	(9.3)	**21.3**	(2.1)	**51.1**	(8.3)
	Jordan	3.7	(3.6)	-3.3	(5.1)	**-27.9**	(7.0)	-6.5	(5.3)	**-35.2**	(5.1)	**-14.1**	(5.1)	**-43.7**	(3.7)	**-45.7**	(7.3)	**22.6**	(1.5)	**33.4**	(5.8)
	Kyrgyzstan	**24.8**	(6.0)	**20.0**	(5.7)	2.9	(6.0)	**29.9**	(7.3)	**15.9**	(4.9)	**30.7**	(6.7)	**-9.8**	(4.7)	1.8	(5.4)	**6.9**	(1.1)	**65.0**	(5.1)
	Latvia	7.9	(4.7)	**18.7**	(6.0)	**-28.0**	(10.1)	**-13.8**	(4.2)	-6.3	(5.6)	**-10.9**	(5.6)	**-36.7**	(4.5)	**-24.8**	(5.9)	**21.3**	(1.6)	**32.0**	(6.4)
	Lithuania	**16.0**	(3.9)	5.2	(7.5)	**-27.8**	(9.9)	-7.6	(4.5)	**-21.6**	(5.8)	-6.3	(7.4)	**-46.9**	(5.6)	**-21.9**	(6.9)	**23.2**	(1.3)	**47.6**	(5.1)
	Macao-China	3.8	(3.0)	**-10.2**	(4.9)	**-29.5**	(5.4)	**-39.0**	(7.6)	**-47.3**	(7.1)	**-30.4**	(7.0)	**-60.0**	(4.5)	**-57.0**	(8.0)	**7.2**	(2.0)	**25.1**	(9.8)
	Montenegro	-6.2	(5.8)	-10.9	(8.1)	**-41.2**	(9.4)	-4.0	(5.6)	**-35.6**	(5.8)	**-17.9**	(5.5)	**-54.8**	(3.6)	**-30.1**	(5.8)	**10.7**	(1.6)	**60.7**	(11.9)
	Qatar	-7.5	(10.6)	15.9	(13.0)	**-45.8**	(5.8)	-6.1	(6.4)	**-40.0**	(5.1)	-11.8	(6.8)	**-51.7**	(4.8)	**-30.9**	(6.1)	**2.6**	(1.2)	**41.4**	(10.5)
	Romania	**-13.4**	(6.4)	**-17.3**	(5.6)	**-39.6**	(8.1)	**-7.4**	(3.8)	**-29.8**	(5.3)	-4.6	(7.3)	**-46.9**	(4.9)	**-14.3**	(5.6)	**13.3**	(2.0)	**54.5**	(5.9)
	Russian Federation	**16.5**	(4.0)	16.0	(8.5)	-4.2	(7.7)	-2.8	(6.0)	-3.3	(4.7)	-6.6	(6.0)	**-16.5**	(4.7)	**-15.5**	(5.3)	**18.0**	(1.4)	**38.9**	(5.3)
	Serbia	**-19.2**	(5.0)	3.0	(9.8)	**-40.1**	(9.9)	**-11.4**	(2.9)	**-50.5**	(7.3)	**-15.8**	(3.9)	**-46.5**	(3.9)	**-25.4**	(6.0)	**11.8**	(1.2)	**72.3**	(4.6)
	Slovenia	-7.0	(5.5)	-5.6	(7.3)	**-60.3**	(19.8)	**-20.3**	(3.0)	**-21.6**	(8.7)	**-26.5**	(6.9)	**-47.9**	(4.6)	**-35.4**	(5.4)	**6.2**	(1.1)	**112.5**	(5.6)
	Chinese Taipei	**8.4**	(3.4)	**35.6**	(3.5)	5.1	(4.3)	-5.5	(4.6)	**-32.0**	(5.2)	-0.9	(3.8)	**-23.9**	(3.3)	**-35.6**	(8.0)	**9.7**	(1.3)	**86.0**	(5.6)
	Thailand	-5.8	(3.4)	-0.1	(3.5)	**-12.9**	(3.9)	-8.0	(9.1)	**-18.5**	(4.5)	1.9	(6.8)	**-42.4**	(3.1)	**-29.2**	(7.3)	**10.2**	(1.3)	**44.2**	(2.8)
	Tunisia	3.9	(5.0)	-13.7	(10.1)	**-22.6**	(6.2)	**-14.2**	(5.9)	**-8.9**	(4.0)	1.2	(4.4)	**-38.8**	(4.2)	-7.8	(5.7)	**8.7**	(1.2)	**51.8**	(5.8)
	Uruguay	3.3	(8.5)	**16.8**	(6.0)	-26.5	(14.5)	-3.8	(4.0)	-8.9	(8.4)	4.1	(3.7)	**-46.6**	(5.3)	**-47.6**	(10.2)	**17.9**	(1.4)	**57.5**	(3.6)

1. This table is based on the structural equation model in Box 4.1.
2. Direct effects are the relationship between two variables while holding other variables constant in the model.
3. Logit is positive when the probability of attending this type of out-of-school-time lesson is higher for socio-economically advantaged students than socio-economically disadvantaged students. Logit is negative when the probability of attending this type of out-of-school-time lesson is higher for socio-economically disadvantaged students than socio-economically advantaged students.
4. Logit is positive when the probability of attending this type of out-of-school-time lesson is higher for students in socio-economically advantaged schools than students in socio-economically disadvantaged schools. Logit is negative when the probability of attending this type of out-of-school-time lesson is higher for students in socio-economically disadvantaged schools than students in socio-economically advantaged schools.
5. The metric of the variable of students' latent performance is set by fixing the factor loading of students' performance in science to 1.

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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[Part 2/3]

Table 4.7 Students' latent performance, by different types of out-of-school-time lessons[1]

		Direct effects of student's and school's PISA index of economic, social and cultural status on the following types of out-of-school-time lessons[2]																			
		Group lessons with school teacher				Group lesson with non-school teacher				Group lesson with both school and non-school teachers				One-to-one lesson with non-school teacher				Both one-to-one and group lessons with school teachers			
		Student's PISA index of economic, social and cultural status		School average PISA index of economic, social and cultural status		Student's PISA index of economic, social and cultural status		School average PISA index of economic, social and cultural status		Student's PISA index of economic, social and cultural status		School average PISA index of economic, social and cultural status		Student's PISA index of economic, social and cultural status		School average PISA index of economic, social and cultural status		Student's PISA index of economic, social and cultural status		School average PISA index of economic, social and cultural status	
		Logit[3]	S.E.	Logit[4]	S.E.	Logit	S.E.	Logit	S.E.	Logit	S.E.	Logit	S.E.	Logit	S.E.	Logit	S.E.	Logit	S.E.	Logit	S.E.
OECD	Australia	0.05	(0.05)	-0.23	(0.12)	-0.02	(0.05)	0.13	(0.19)	0.14	(0.12)	**-0.48**	(0.23)	**0.32**	(0.04)	**0.55**	(0.09)	0.01	(0.08)	-0.33	(0.19)
	Austria	**-0.12**	(0.06)	**0.29**	(0.15)	**-0.31**	(0.15)	0.28	(0.20)	**-0.29**	(0.11)	-0.35	(0.21)	**0.22**	(0.06)	**0.97**	(0.15)	0.21	(0.16)	**-1.06**	(0.22)
	Belgium	-0.07	(0.07)	-0.17	(0.15)	0.03	(0.10)	0.13	(0.17)	-0.24	(0.18)	**-0.87**	(0.29)	**0.34**	(0.05)	**0.43**	(0.10)	-0.09	(0.10)	-0.31	(0.23)
	Canada	0.05	(0.05)	**-0.42**	(0.11)	-0.02	(0.07)	**0.59**	(0.15)	0.05	(0.11)	-0.37	(0.24)	**0.37**	(0.05)	**0.37**	(0.11)	-0.02	(0.07)	**-0.38**	(0.16)
	Czech Republic	**-0.18**	(0.09)	0.13	(0.15)	**0.30**	(0.11)	**0.66**	(0.19)	-0.04	(0.16)	-0.32	(0.33)	**0.43**	(0.07)	**0.58**	(0.11)	0.00	(0.08)	**-0.66**	(0.20)
	Denmark	-0.01	(0.06)	0.09	(0.18)	0.02	(0.09)	-0.07	(0.29)	0.02	(0.20)	0.16	(0.38)	-0.05	(0.11)	**0.91**	(0.30)	**-0.42**	(0.13)	-0.41	(0.31)
	Finland	**-0.14**	(0.05)	-0.16	(0.18)	0.15	(0.13)	0.34	(0.31)	-0.34	(0.22)	0.42	(0.54)	**0.41**	(0.11)	-0.01	(0.24)	-0.10	(0.07)	-0.18	(0.27)
	France	**-0.13**	(0.05)	0.19	(0.10)	-0.13	(0.18)	-0.12	(0.28)	-0.19	(0.17)	**-0.84**	(0.31)	**0.40**	(0.06)	**0.69**	(0.11)	**-0.35**	(0.09)	-0.24	(0.22)
	Germany	-0.03	(0.06)	-0.12	(0.14)	0.12	(0.10)	**0.39**	(0.17)	0.22	(0.15)	**-1.30**	(0.43)	**0.10**	(0.05)	**0.61**	(0.11)	0.10	(0.17)	-0.16	(0.36)
	Greece	-0.19	(0.11)	-0.25	(0.20)	**-0.10**	(0.05)	**0.47**	(0.15)	**-0.32**	(0.10)	-0.01	(0.20)	**0.26**	(0.06)	**0.88**	(0.12)	-0.19	(0.13)	**-0.45**	(0.20)
	Hungary	**-0.18**	(0.07)	-0.01	(0.13)	-0.04	(0.13)	-0.21	(0.20)	-0.22	(0.16)	**-0.71**	(0.22)	**0.36**	(0.05)	**0.38**	(0.11)	-0.05	(0.09)	-0.22	(0.22)
	Iceland	**-0.11**	(0.05)	0.24	(0.23)	**0.32**	(0.11)	**-0.71**	(0.32)	0.11	(0.18)	-0.34	(0.54)	0.16	(0.09)	**0.81**	(0.29)	**-0.23**	(0.09)	0.09	(0.32)
	Ireland	-0.10	(0.07)	**-0.71**	(0.17)	**0.23**	(0.08)	**0.38**	(0.15)	-0.08	(0.16)	**-0.93**	(0.30)	**0.26**	(0.05)	**0.30**	(0.11)	0.03	(0.14)	**-1.09**	(0.30)
	Italy	**-0.15**	(0.03)	0.00	(0.07)	-0.13	(0.07)	-0.17	(0.13)	-0.05	(0.06)	**-0.80**	(0.11)	**0.28**	(0.03)	**0.41**	(0.07)	a	a	a	a
	Japan	0.04	(0.04)	**-0.47**	(0.11)	0.12	(0.07)	**1.47**	(0.18)	-0.03	(0.08)	0.08	(0.20)	**0.24**	(0.09)	**1.06**	(0.19)	0.28	(0.17)	**-0.76**	(0.27)
	Korea	**-0.14**	(0.05)	**-0.53**	(0.12)	0.04	(0.05)	**0.75**	(0.13)	0.09	(0.06)	**0.57**	(0.12)	**0.30**	(0.07)	-0.09	(0.15)	**-0.44**	(0.10)	0.04	(0.22)
	Luxembourg	**-0.16**	(0.08)	-0.06	(0.23)	**-0.28**	(0.14)	**0.75**	(0.24)	0.15	(0.26)	**-1.51**	(0.45)	**0.28**	(0.05)	0.26	(0.14)	-0.16	(0.09)	-0.42	(0.25)
	Mexico	**-0.13**	(0.05)	**-0.44**	(0.09)	**0.28**	(0.07)	**0.33**	(0.10)	0.18	(0.09)	**-0.57**	(0.15)	**0.41**	(0.09)	**0.66**	(0.14)	-0.15	(0.09)	**-0.40**	(0.13)
	Netherlands	-0.03	(0.08)	-0.09	(0.19)	-0.14	(0.13)	0.08	(0.32)	-0.23	(0.16)	**-1.23**	(0.43)	**0.41**	(0.09)	**0.80**	(0.19)	0.05	(0.11)	**-0.52**	(0.21)
	New Zealand	0.04	(0.08)	-0.03	(0.21)	0.16	(0.10)	0.18	(0.19)	-0.27	(0.14)	**-1.09**	(0.33)	**0.28**	(0.06)	**0.88**	(0.16)	-0.05	(0.10)	0.37	(0.38)
	Norway	**-0.14**	(0.04)	-0.16	(0.11)	-0.15	(0.17)	**1.02**	(0.39)	-0.14	(0.14)	0.18	(0.29)	**0.36**	(0.12)	**0.72**	(0.35)	**-0.35**	(0.08)	0.03	(0.21)
	Poland	**-0.13**	(0.04)	**-0.57**	(0.11)	**0.49**	(0.08)	**0.54**	(0.14)	-0.07	(0.10)	0.24	(0.18)	**0.61**	(0.06)	**0.59**	(0.11)	**-0.22**	(0.07)	-0.30	(0.15)
	Portugal	**-0.20**	(0.06)	**-0.39**	(0.11)	**0.48**	(0.11)	0.19	(0.15)	0.09	(0.16)	-0.34	(0.30)	**0.41**	(0.06)	**0.57**	(0.13)	**-0.15**	(0.07)	**-0.38**	(0.14)
	Slovak Republic	**-0.24**	(0.09)	0.23	(0.17)	-0.09	(0.14)	**0.63**	(0.24)	0.18	(0.26)	-0.47	(0.37)	**0.25**	(0.06)	**0.63**	(0.13)	-0.09	(0.06)	-0.31	(0.16)
	Spain	**-0.38**	(0.06)	-0.07	(0.12)	**0.23**	(0.05)	0.07	(0.11)	**-0.50**	(0.14)	0.07	(0.20)	**0.23**	(0.05)	**0.51**	(0.10)	**-0.26**	(0.09)	-0.32	(0.24)
	Sweden	**-0.23**	(0.04)	**-0.42**	(0.13)	0.19	(0.17)	**0.59**	(0.29)	-0.19	(0.12)	-0.44	(0.28)	**0.62**	(0.13)	-0.18	(0.28)	**-0.37**	(0.09)	0.18	(0.33)
	Switzerland	0.04	(0.05)	**-0.66**	(0.15)	0.12	(0.09)	-0.32	(0.19)	**-0.32**	(0.12)	-0.51	(0.28)	**0.15**	(0.05)	**0.68**	(0.10)	**-0.29**	(0.12)	-0.41	(0.24)
	Turkey	0.03	(0.06)	-0.25	(0.18)	**0.23**	(0.07)	**1.10**	(0.14)	-0.02	(0.12)	**-0.64**	(0.28)	**0.52**	(0.11)	**0.42**	(0.15)	-0.15	(0.11)	-0.22	(0.29)
	United Kingdom	0.08	(0.04)	**-0.45**	(0.10)	0.01	(0.10)	0.02	(0.21)	0.06	(0.10)	**-0.70**	(0.22)	**0.26**	(0.05)	**0.57**	(0.12)	-0.09	(0.07)	**-0.49**	(0.18)
	United States	-0.10	(0.08)	-0.17	(0.15)	**0.31**	(0.11)	-0.08	(0.24)	-0.09	(0.12)	**-0.61**	(0.22)	**0.48**	(0.09)	0.11	(0.17)	-0.11	(0.07)	-0.13	(0.15)
	OECD average	**-0.10**	(0.01)	-0.19	(0.03)	**0.08**	(0.02)	**0.31**	(0.04)	-0.08	(0.03)	**-0.46**	(0.06)	**0.32**	(0.01)	**0.53**	(0.03)	**-0.13**	(0.02)	**-0.33**	(0.04)
Partners	Argentina	**-0.22**	(0.10)	**-0.78**	(0.28)	0.17	(0.11)	-0.09	(0.23)	-0.16	(0.21)	**-0.80**	(0.34)	**0.16**	(0.07)	**0.74**	(0.11)	0.19	(0.14)	**-0.67**	(0.17)
	Azerbaijan	-0.03	(0.07)	-0.05	(0.14)	**-0.17**	(0.08)	-0.13	(0.20)	-0.07	(0.06)	-0.11	(0.13)	**0.27**	(0.11)	**1.06**	(0.16)	**0.21**	(0.08)	-0.14	(0.20)
	Brazil	**-0.16**	(0.06)	-0.05	(0.11)	0.13	(0.09)	0.15	(0.12)	0.18	(0.10)	**-0.62**	(0.13)	**0.36**	(0.10)	**0.52**	(0.14)	0.11	(0.10)	-0.26	(0.21)
	Bulgaria	-0.01	(0.08)	0.16	(0.14)	**0.31**	(0.12)	**0.53**	(0.21)	-0.01	(0.18)	-0.28	(0.19)	**0.17**	(0.08)	**0.89**	(0.13)	-0.02	(0.11)	**-0.69**	(0.17)
	Chile	**-0.22**	(0.07)	0.01	(0.12)	0.09	(0.15)	0.16	(0.19)	-0.13	(0.14)	**-0.77**	(0.17)	**0.41**	(0.11)	**0.67**	(0.13)	0.09	(0.13)	-0.21	(0.19)
	Colombia	-0.12	(0.10)	**-0.58**	(0.15)	**0.35**	(0.10)	-0.02	(0.12)	-0.09	(0.14)	**-0.52**	(0.23)	**0.26**	(0.08)	**0.41**	(0.12)	-0.15	(0.16)	-0.39	(0.33)
	Croatia	0.01	(0.08)	-0.11	(0.19)	0.16	(0.11)	0.34	(0.22)	-0.13	(0.18)	**-0.91**	(0.38)	**0.24**	(0.05)	**0.72**	(0.12)	0.03	(0.09)	**-0.76**	(0.21)
	Estonia	-0.11	(0.06)	**-0.48**	(0.18)	**0.29**	(0.10)	0.50	(0.32)	0.20	(0.12)	-0.48	(0.41)	**0.14**	(0.06)	**0.68**	(0.20)	-0.01	(0.07)	**-0.81**	(0.18)
	Hong Kong-China	**-0.20**	(0.04)	**-0.79**	(0.12)	0.07	(0.05)	**0.72**	(0.13)	**0.20**	(0.05)	**-0.50**	(0.15)	**0.35**	(0.07)	**0.44**	(0.13)	-0.08	(0.11)	**-0.72**	(0.37)
	Indonesia	**-0.13**	(0.06)	-0.08	(0.15)	0.22	(0.12)	**0.48**	(0.14)	**0.16**	(0.07)	-0.07	(0.13)	**0.33**	(0.11)	**0.72**	(0.19)	0.02	(0.05)	**-0.80**	(0.17)
	Israel	**-0.25**	(0.07)	-0.25	(0.17)	-0.03	(0.13)	-0.11	(0.22)	-0.27	(0.15)	**-0.59**	(0.20)	**0.36**	(0.05)	**1.03**	(0.14)	-0.12	(0.09)	**-0.61**	(0.20)
	Jordan	-0.09	(0.05)	0.04	(0.11)	-0.03	(0.11)	-0.04	(0.17)	-0.07	(0.07)	**-0.43**	(0.16)	**0.29**	(0.08)	**0.54**	(0.18)	0.10	(0.07)	-0.21	(0.15)
	Kyrgyzstan	-0.01	(0.07)	**0.37**	(0.15)	-0.20	(0.12)	**1.01**	(0.20)	-0.04	(0.09)	-0.28	(0.18)	-0.10	(0.13)	**1.44**	(0.23)	**0.15**	(0.05)	**-0.40**	(0.12)
	Latvia	**-0.19**	(0.07)	**-0.36**	(0.18)	0.02	(0.11)	**0.53**	(0.21)	-0.16	(0.11)	0.35	(0.25)	**0.20**	(0.06)	**0.96**	(0.16)	**-0.21**	(0.06)	**-1.15**	(0.17)
	Lithuania	-0.07	(0.05)	**-0.50**	(0.13)	-0.02	(0.10)	0.34	(0.19)	-0.12	(0.12)	-0.45	(0.28)	**0.40**	(0.06)	**0.87**	(0.13)	**0.16**	(0.07)	**-0.44**	(0.18)
	Macao-China	-0.05	(0.03)	-0.08	(0.21)	**0.28**	(0.08)	0.21	(0.14)	-0.06	(0.05)	-0.33	(0.24)	**0.42**	(0.10)	0.31	(0.20)	-0.05	(0.06)	-0.45	(0.26)
	Montenegro	**-0.19**	(0.07)	**-0.61**	(0.19)	0.07	(0.10)	0.42	(0.28)	**-0.31**	(0.15)	**-0.66**	(0.33)	**0.32**	(0.05)	**1.03**	(0.19)	-0.09	(0.09)	**-0.77**	(0.29)
	Qatar	-0.12	(0.06)	0.36	(0.25)	-0.03	(0.10)	-0.03	(0.22)	-0.20	(0.12)	-0.27	(0.23)	**0.25**	(0.06)	**0.68**	(0.18)	0.00	(0.06)	**-0.40**	(0.14)
	Romania	-0.21	(0.13)	-0.36	(0.20)	0.23	(0.13)	-0.17	(0.21)	-0.07	(0.13)	**-0.78**	(0.20)	**0.21**	(0.08)	**0.65**	(0.13)	0.13	(0.09)	**-0.48**	(0.17)
	Russian Federation	**-0.14**	(0.04)	-0.02	(0.11)	0.02	(0.09)	0.38	(0.33)	0.01	(0.09)	-0.14	(0.19)	**0.36**	(0.07)	**0.82**	(0.21)	-0.06	(0.05)	**-0.73**	(0.14)
	Serbia	**-0.17**	(0.07)	**-0.46**	(0.19)	0.24	(0.13)	0.45	(0.25)	-0.15	(0.14)	**-1.28**	(0.29)	**0.19**	(0.04)	**0.61**	(0.09)	0.14	(0.11)	**-1.02**	(0.21)
	Slovenia	0.01	(0.08)	-0.32	(0.19)	0.14	(0.15)	0.50	(0.32)	-0.03	(0.14)	-0.45	(0.33)	-0.01	(0.04)	**0.55**	(0.13)	**-0.34**	(0.13)	0.04	(0.28)
	Chinese Taipei	**-0.16**	(0.04)	**-0.39**	(0.09)	**0.18**	(0.04)	**1.14**	(0.13)	0.04	(0.05)	**-0.22**	(0.09)	**0.24**	(0.09)	**0.59**	(0.19)	**-0.28**	(0.06)	**-0.76**	(0.16)
	Thailand	-0.06	(0.07)	0.20	(0.13)	-0.01	(0.06)	**0.48**	(0.10)	0.04	(0.07)	**0.55**	(0.12)	**0.46**	(0.15)	0.07	(0.24)	0.10	(0.09)	**-0.37**	(0.14)
	Tunisia	-0.12	(0.09)	**-0.66**	(0.18)	-0.12	(0.12)	0.07	(0.23)	-0.12	(0.12)	**-0.49**	(0.24)	**0.22**	(0.11)	**0.38**	(0.18)	**0.27**	(0.05)	**-0.25**	(0.10)
	Uruguay	-0.02	(0.10)	-0.41	(0.23)	**0.33**	(0.10)	0.16	(0.15)	0.14	(0.21)	**-1.27**	(0.32)	**0.21**	(0.08)	**0.37**	(0.11)	-0.03	(0.13)	0.11	(0.17)

1. This table is based on the structural equation model in Box 4.1.
2. Direct effects are the relationship between two variables while holding other variables constant in the model.
3. Logit is positive when the probability of attending this type of out-of-school-time lesson is higher for socio-economically advantaged students than socio-economically disadvantaged students. Logit is negative when the probability of attending this type of out-of-school-time lesson is higher for socio-economically disadvantaged students than socio-economically advantaged students.
4. Logit is positive when the probability of attending this type of out-of-school-time lesson is higher for students in socio-economically advantaged schools than students in socio-economically disadvantaged schools. Logit is negative when the probability of attending this type of out-of-school-time lesson is higher for students in socio-economically disadvantaged schools than students in socio-economically advantaged schools.
5. The metric of the variable of students' latent performance is set by fixing the factor loading of students' performance in science to 1.

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



[Part 3/3]

Table 4.7 Students' latent performance, by different types of out-of-school-time lessons[1]

		Direct effects of student's and school's PISA index of economic, social and cultural status on the following types of out-of-school-time lessons[2]												Students' latent performance[5]					
		Both one-to-one and group lessons with non-school teachers				Both one-to-one and group lessons with both school and non-school teachers				Both one-to-one and group lessons with both school and non-school teachers									
		Student's PISA index of economic, social and cultural status[3]		School average PISA index of economic, social and cultural status[4]		Student's PISA index of economic, social and cultural status[3]		School average PISA index of economic, social and cultural status[4]		Student's PISA index of economic, social and cultural status[3]		School average PISA index of economic, social and cultural status[4]		Performance in science		Performance in mathematics		Performance in reading	
		Logit	S.E.	Logit	S.E.	Logit	S.E.	Logit	S.E.	Logit	S.E.	Logit	S.E.	Factor loading	S.E.	Factor loading	S.E.	Factor loading	S.E.
OECD	Australia	0.08	(0.06)	0.06	(0.15)	0.02	(0.07)	**-0.37**	(0.15)	**0.28**	(0.08)	0.15	(0.16)	1.00	(0.00)	0.84	(0.01)	0.89	(0.01)
	Austria	**0.41**	(0.17)	-0.03	(0.36)	0.09	(0.08)	**-0.41**	(0.18)	-0.08	(0.21)	0.06	(0.37)	1.00	(0.00)	0.93	(0.02)	0.99	(0.03)
	Belgium	**0.22**	(0.10)	-0.13	(0.19)	0.12	(0.08)	**-0.59**	(0.19)	**0.24**	(0.10)	0.04	(0.18)	1.00	(0.00)	1.02	(0.03)	1.03	(0.02)
	Canada	0.16	(0.09)	**0.38**	(0.19)	0.03	(0.05)	-0.19	(0.12)	**0.15**	(0.07)	0.02	(0.16)	1.00	(0.00)	0.85	(0.01)	0.94	(0.01)
	Czech Republic	**0.23**	(0.10)	0.30	(0.20)	**-0.35**	(0.13)	-0.61	(0.46)	**-0.47**	(0.12)	0.42	(0.41)	1.00	(0.00)	0.85	(0.01)	0.85	(0.01)
	Denmark	-0.11	(0.19)	-0.25	(0.39)	-0.05	(0.11)	-0.33	(0.33)	0.06	(0.13)	-0.55	(0.42)	1.00	(0.00)	0.87	(0.01)	0.81	(0.01)
	Finland	**0.46**	(0.18)	0.56	(0.55)	0.09	(0.08)	-0.27	(0.18)	0.27	(0.14)	-0.20	(0.29)	1.00	(0.00)	0.87	(0.02)	0.91	(0.02)
	France	-0.04	(0.10)	0.28	(0.17)	**0.28**	(0.10)	**-0.86**	(0.18)	0.11	(0.13)	-0.15	(0.20)	1.00	(0.00)	0.96	(0.02)	1.03	(0.03)
	Germany	**0.33**	(0.14)	**-0.58**	(0.22)	**0.11**	(0.05)	**-0.64**	(0.12)	0.23	(0.13)	0.07	(0.37)	1.00	(0.00)	0.87	(0.02)	0.97	(0.03)
	Greece	**0.23**	(0.05)	0.12	(0.13)	**0.20**	(0.07)	-0.05	(0.16)	0.04	(0.10)	0.26	(0.16)	1.00	(0.00)	0.99	(0.02)	0.98	(0.03)
	Hungary	0.03	(0.08)	**0.51**	(0.13)	-0.08	(0.09)	**0.89**	(0.33)	-0.14	(0.10)	-0.47	(0.28)	1.00	(0.00)	0.86	(0.01)	0.93	(0.01)
	Iceland	**0.31**	(0.08)	**0.67**	(0.30)	**0.30**	(0.09)	**-1.09**	(0.25)	0.02	(0.13)	0.02	(0.26)	1.00	(0.00)	0.83	(0.01)	0.92	(0.01)
	Ireland	**0.48**	(0.08)	0.12	(0.16)	**0.25**	(0.03)	**0.33**	(0.06)	a	a	a	a	1.00	(0.00)	0.92	(0.02)	0.96	(0.02)
	Italy	**0.25**	(0.06)	-0.12	(0.11)	**0.17**	(0.09)	0.14	(0.16)	-0.19	(0.16)	-0.18	(0.38)	1.00	(0.00)	0.85	(0.02)	0.95	(0.02)
	Japan	0.23	(0.15)	**1.50**	(0.41)	**0.23**	(0.05)	**0.26**	(0.08)	0.18	(0.13)	-0.58	(0.30)	1.00	(0.00)	0.97	(0.02)	0.92	(0.02)
	Korea	**0.30**	(0.06)	**0.57**	(0.14)	-0.09	(0.05)	**-0.78**	(0.21)	**0.23**	(0.08)	0.00	(0.20)	1.00	(0.00)	0.90	(0.02)	0.96	(0.02)
	Luxembourg	**-0.23**	(0.09)	-0.19	(0.37)	**0.15**	(0.05)	**-0.92**	(0.11)	0.01	(0.10)	-0.24	(0.17)	1.00	(0.00)	1.02	(0.03)	1.08	(0.03)
	Mexico	**0.35**	(0.06)	**0.36**	(0.09)	0.18	(0.12)	**-1.15**	(0.26)	0.10	(0.13)	0.01	(0.27)	1.00	(0.00)	0.90	(0.02)	0.96	(0.03)
	Netherlands	**0.50**	(0.22)	-0.41	(0.45)	-0.00	(0.10)	**-0.53**	(0.26)	0.04	(0.09)	-0.13	(0.30)	1.00	(0.00)	0.79	(0.01)	0.88	(0.01)
	New Zealand	**0.23**	(0.09)	0.40	(0.27)	-0.05	(0.09)	-0.39	(0.21)	0.02	(0.14)	0.11	(0.39)	1.00	(0.00)	0.89	(0.02)	0.97	(0.01)
	Norway	0.17	(0.20)	0.55	(0.42)	**0.17**	(0.06)	-0.02	(0.11)	0.10	(0.12)	0.01	(0.19)	1.00	(0.00)	0.89	(0.01)	0.98	(0.01)
	Poland	**0.62**	(0.08)	**0.58**	(0.15)	0.09	(0.07)	**-0.39**	(0.15)	-0.15	(0.10)	-0.02	(0.18)	1.00	(0.00)	0.97	(0.02)	1.02	(0.02)
	Portugal	**0.31**	(0.08)	0.03	(0.14)	**0.33**	(0.07)	**-0.33**	(0.14)	0.14	(0.11)	0.21	(0.17)	1.00	(0.00)	0.94	(0.02)	1.01	(0.02)
	Slovak Republic	**0.26**	(0.07)	**0.32**	(0.13)	0.08	(0.07)	-0.09	(0.13)	-0.20	(0.12)	**0.43**	(0.20)	1.00	(0.00)	0.92	(0.01)	0.86	(0.01)
	Spain	**0.26**	(0.04)	**-0.35**	(0.09)	-0.12	(0.08)	**-0.56**	(0.22)	-0.08	(0.16)	-0.14	(0.44)	1.00	(0.00)	0.89	(0.01)	0.93	(0.02)
	Sweden	**0.29**	(0.12)	-0.01	(0.46)	-0.06	(0.07)	**-0.58**	(0.20)	-0.02	(0.09)	0.26	(0.21)	1.00	(0.00)	0.92	(0.01)	0.87	(0.01)
	Switzerland	**0.20**	(0.10)	0.31	(0.23)	**0.27**	(0.08)	**-0.59**	(0.17)	**0.46**	(0.12)	**-0.69**	(0.31)	1.00	(0.00)	1.03	(0.03)	0.98	(0.04)
	Turkey	**0.42**	(0.09)	**0.43**	(0.15)	0.10	(0.06)	**-0.70**	(0.14)	**0.18**	(0.09)	-0.19	(0.17)	1.00	(0.00)	0.78	(0.01)	0.87	(0.01)
	United Kingdom	0.16	(0.10)	-0.10	(0.23)	-0.06	(0.05)	**-0.95**	(0.19)	0.12	(0.07)	0.04	(0.13)	1.00	(0.00)	0.86	(0.02)	m	m
	United States	0.06	(0.10)	**-0.44**	(0.18)	**0.22**	(0.09)	**-0.62**	(0.15)	**0.46**	(0.15)	-0.45	(0.32)	1.00	(0.00)	0.92	(0.03)	1.13	(0.03)
	OECD average	**0.24**	(0.02)	**0.18**	(0.05)	**0.09**	(0.01)	**-0.41**	(0.04)	**0.07**	(0.02)	-0.07	(0.05)	1.00	(0.00)	0.90	(0.00)	0.95	(0.00)
Partners	Argentina	**0.18**	(0.08)	**0.40**	(0.13)	**0.21**	(0.04)	-0.02	(0.10)	0.11	(0.11)	**0.41**	(0.16)	1.00	(0.00)	0.52	(0.03)	0.84	(0.07)
	Azerbaijan	**0.28**	(0.12)	0.39	(0.20)	**0.36**	(0.05)	**-0.31**	(0.09)	**0.39**	(0.15)	-0.32	(0.21)	1.00	(0.00)	1.01	(0.03)	1.00	(0.04)
	Brazil	**0.22**	(0.08)	**0.39**	(0.14)	**0.14**	(0.06)	**-0.71**	(0.11)	-0.10	(0.11)	-0.16	(0.17)	1.00	(0.00)	0.87	(0.02)	1.01	(0.03)
	Bulgaria	**0.24**	(0.09)	**0.37**	(0.16)	**0.27**	(0.10)	**-0.41**	(0.17)	0.20	(0.19)	-0.02	(0.25)	1.00	(0.00)	0.94	(0.02)	0.98	(0.03)
	Chile	**0.44**	(0.16)	0.16	(0.23)	0.09	(0.07)	**-0.50**	(0.17)	0.00	(0.11)	-0.24	(0.18)	1.00	(0.00)	1.00	(0.02)	1.03	(0.03)
	Colombia	**0.40**	(0.08)	0.19	(0.13)	0.01	(0.09)	**-0.58**	(0.12)	**0.33**	(0.16)	**-0.67**	(0.33)	1.00	(0.00)	1.03	(0.04)	1.13	(0.05)
	Croatia	**0.15**	(0.07)	0.12	(0.17)	0.02	(0.06)	**-0.91**	(0.24)	0.07	(0.10)	-0.23	(0.19)	1.00	(0.00)	0.90	(0.01)	0.95	(0.02)
	Estonia	**0.40**	(0.08)	0.01	(0.18)	-0.06	(0.07)	-0.23	(0.18)	-0.06	(0.08)	**-0.41**	(0.19)	1.00	(0.00)	0.93	(0.01)	0.93	(0.02)
	Hong Kong-China	**0.39**	(0.08)	**0.76**	(0.14)	**0.38**	(0.05)	-0.18	(0.12)	**0.41**	(0.14)	**-0.79**	(0.38)	1.00	(0.00)	0.98	(0.02)	0.80	(0.02)
	Indonesia	**0.65**	(0.09)	**0.28**	(0.14)	**0.36**	(0.05)	**-0.86**	(0.13)	-0.03	(0.08)	**-0.88**	(0.18)	1.00	(0.00)	1.15	(0.02)	1.06	(0.02)
	Israel	0.10	(0.09)	**0.38**	(0.17)	0.07	(0.05)	**-0.69**	(0.13)	0.09	(0.09)	0.36	(0.22)	1.00	(0.00)	0.90	(0.03)	0.99	(0.02)
	Jordan	0.04	(0.07)	0.09	(0.16)	**0.18**	(0.04)	**-0.53**	(0.10)	-0.01	(0.11)	0.24	(0.25)	1.00	(0.00)	0.87	(0.02)	0.95	(0.02)
	Kyrgyzstan	**0.37**	(0.15)	**1.04**	(0.18)	**0.08**	(0.03)	**-0.46**	(0.11)	**-0.13**	(0.06)	-0.17	(0.13)	1.00	(0.00)	1.05	(0.03)	1.17	(0.03)
	Latvia	**0.36**	(0.08)	**0.43**	(0.16)	**0.25**	(0.05)	**-0.44**	(0.14)	0.07	(0.09)	-0.11	(0.16)	1.00	(0.00)	0.89	(0.02)	0.95	(0.02)
	Lithuania	**0.51**	(0.11)	0.34	(0.19)	**0.22**	(0.08)	-0.05	(0.15)	**0.47**	(0.10)	-0.19	(0.18)	1.00	(0.00)	0.92	(0.01)	0.93	(0.02)
	Macao-China	**0.25**	(0.08)	0.02	(0.17)	-0.02	(0.05)	-0.17	(0.14)	0.02	(0.12)	-0.05	(0.41)	1.00	(0.00)	0.97	(0.03)	0.82	(0.02)
	Montenegro	**0.31**	(0.05)	0.09	(0.20)	0.11	(0.06)	**-0.80**	(0.14)	0.12	(0.08)	**-0.32**	(0.16)	1.00	(0.00)	0.94	(0.02)	1.03	(0.03)
	Qatar	0.04	(0.06)	-0.22	(0.17)	**0.19**	(0.04)	**-0.76**	(0.13)	0.06	(0.09)	-0.18	(0.17)	1.00	(0.00)	0.97	(0.03)	1.24	(0.03)
	Romania	**0.24**	(0.10)	0.30	(0.18)	**0.16**	(0.07)	**-0.84**	(0.13)	**0.24**	(0.10)	-0.07	(0.20)	1.00	(0.00)	0.97	(0.03)	0.97	(0.03)
	Russian Federation	**0.27**	(0.08)	0.07	(0.18)	**0.18**	(0.04)	-0.15	(0.12)	**0.23**	(0.07)	**0.45**	(0.15)	1.00	(0.00)	0.88	(0.02)	0.87	(0.02)
	Serbia	**0.32**	(0.07)	0.16	(0.13)	0.04	(0.06)	**-0.41**	(0.14)	**0.32**	(0.11)	-0.18	(0.25)	1.00	(0.00)	1.01	(0.02)	0.99	(0.02)
	Slovenia	0.10	(0.13)	0.18	(0.22)	**0.17**	(0.07)	**-0.75**	(0.18)	-0.03	(0.10)	-0.29	(0.27)	1.00	(0.00)	0.85	(0.02)	0.81	(0.02)
	Chinese Taipei	**0.17**	(0.06)	**0.29**	(0.12)	**0.08**	(0.04)	**-0.41**	(0.09)	-0.03	(0.13)	**-0.83**	(0.21)	1.00	(0.00)	1.04	(0.02)	0.83	(0.01)
	Thailand	**0.47**	(0.13)	**0.60**	(0.18)	**0.35**	(0.05)	**-0.53**	(0.09)	-0.07	(0.16)	-0.15	(0.26)	1.00	(0.00)	0.98	(0.02)	0.95	(0.02)
	Tunisia	0.15	(0.09)	**0.83**	(0.14)	**0.23**	(0.04)	**-0.40**	(0.10)	-0.04	(0.09)	0.32	(0.16)	1.00	(0.00)	1.06	(0.02)	1.09	(0.03)
	Uruguay	**0.33**	(0.06)	**0.24**	(0.10)	**0.36**	(0.09)	**-0.46**	(0.14)	0.14	(0.24)	-0.27	(0.43)	1.00	(0.00)	0.96	(0.02)	1.12	(0.03)

1. This table is based on the structural equation model in Box 4.1.
2. Direct effects are the relationship between two variables while holding other variables constant in the model.
3. Logit is positive when the probability of attending this type of out-of-school-time lesson is higher for socio-economically advantaged students than socio-economically disadvantaged students. Logit is negative when the probability of attending this type of out-of-school-time lesson is higher for socio-economically disadvantaged students than socio-economically advantaged students.
4. Logit is positive when the probability of attending this type of out-of-school-time lesson is higher for students in socio-economically advantaged schools than students in socio-economically disadvantaged schools. Logit is negative when the probability of attending this type of out-of-school-time lesson is higher for students in socio-economically disadvantaged schools than students in socio-economically advantaged schools.
5. The metric of the variable of students' latent performance is set by fixing the factor loading of students' performance in science to 1.

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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[Part 1/2]
Table 4.8a Performance in science, by learning time in individual study in science

		Science performance for students who do not spend any time in individual study in science		Difference in science performance between students who spend the following learning hours per week in individual study in science and students who do not spend any time in individual study in science							
				Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
		Mean score	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	489	(2.1)	**51.4**	(2.2)	**71.8**	(3.8)	**79.1**	(6.5)	**98.2**	(10.9)
	Austria	505	(4.3)	**20.7**	(4.3)	-2.9	(6.2)	-3.9	(9.5)	**-25.8**	(12.3)
	Belgium	463	(3.3)	**72.9**	(4.0)	**80.3**	(4.6)	**68.8**	(7.9)	**57.6**	(17.3)
	Canada	513	(3.0)	**28.1**	(3.1)	**39.0**	(3.4)	**38.2**	(6.3)	**40.8**	(9.1)
	Czech Republic	506	(4.0)	**24.8**	(3.3)	**16.9**	(6.4)	1.2	(10.6)	-7.1	(27.5)
	Denmark	474	(4.7)	**33.9**	(4.2)	**19.1**	(6.5)	25.4	(13.8)	c	c
	Finland	537	(2.9)	**35.5**	(3.0)	**30.8**	(5.2)	**33.0**	(12.2)	c	c
	France	445	(4.7)	**63.8**	(4.7)	**97.7**	(6.1)	**88.7**	(11.8)	**92.3**	(24.8)
	Germany	483	(6.3)	**52.7**	(5.8)	**47.1**	(6.2)	**25.4**	(7.3)	16.7	(10.4)
	Greece	452	(4.2)	**22.3**	(4.5)	**35.1**	(4.9)	**43.6**	(6.8)	**32.1**	(11.0)
	Hungary	495	(4.5)	**9.3**	(4.4)	**19.6**	(5.4)	**23.7**	(7.8)	**30.0**	(15.2)
	Iceland	466	(3.9)	**36.9**	(4.6)	**33.6**	(6.9)	14.7	(13.7)	c	c
	Ireland	481	(4.3)	**41.3**	(4.0)	**49.0**	(5.5)	**31.5**	(8.5)	22.3	(14.3)
	Italy	457	(7.2)	14.2	(7.4)	**32.1**	(7.9)	**39.7**	(8.2)	**41.0**	(8.8)
	Japan	512	(3.9)	**39.4**	(4.0)	**26.2**	(9.0)	**61.5**	(16.9)	c	c
	Korea	486	(5.5)	**45.7**	(4.8)	**65.5**	(6.2)	**82.8**	(11.0)	**92.1**	(38.8)
	Luxembourg	473	(2.6)	**26.1**	(3.4)	**11.2**	(5.1)	0.5	(8.7)	-1.7	(12.8)
	Mexico	420	(4.6)	**-9.6**	(4.0)	-0.8	(4.9)	-4.9	(5.3)	-10.3	(6.6)
	Netherlands	503	(3.9)	**36.2**	(3.3)	**41.2**	(4.9)	**39.4**	(9.3)	c	c
	New Zealand	484	(3.9)	**62.0**	(4.5)	**81.6**	(5.6)	**80.4**	(11.8)	**94.3**	(16.6)
	Norway	468	(4.1)	**35.8**	(4.1)	**19.2**	(5.9)	1.5	(11.0)	c	c
	Poland	474	(5.4)	**26.8**	(5.1)	**27.8**	(5.8)	**30.9**	(6.7)	**44.2**	(8.6)
	Portugal	473	(5.5)	**-9.5**	(4.8)	**18.4**	(5.5)	**19.7**	(6.6)	16.8	(9.7)
	Slovak Republic	465	(3.8)	**30.6**	(4.1)	**50.0**	(5.4)	**55.5**	(8.5)	**44.4**	(11.9)
	Spain	459	(3.3)	**28.5**	(3.5)	**53.0**	(3.6)	**68.0**	(4.4)	**39.5**	(11.3)
	Sweden	482	(4.7)	**32.7**	(5.4)	**22.5**	(5.9)	-1.6	(11.7)	c	c
	Switzerland	478	(3.6)	**51.4**	(3.5)	**45.9**	(5.8)	0.3	(10.3)	-23.8	(19.9)
	Turkey	403	(2.5)	**19.8**	(4.5)	**38.6**	(5.2)	**65.6**	(9.5)	**74.8**	(10.8)
	United Kingdom	450	(4.6)	**70.3**	(4.5)	**103.9**	(5.4)	**85.4**	(9.4)	**96.0**	(14.7)
	United States	456	(6.5)	**35.2**	(5.7)	**56.1**	(5.3)	**54.0**	(7.7)	**60.0**	(11.9)
	OECD average	475	(4.4)	**34.3**	(4.4)	**41.0**	(5.7)	**38.3**	(9.7)	**40.2**	(16.2)
Partners	Argentina	370	(8.2)	**32.2**	(6.6)	**46.1**	(7.1)	**57.7**	(9.4)	**52.8**	(14.0)
	Azerbaijan	372	(4.3)	**10.1**	(3.8)	**16.9**	(3.9)	**22.7**	(4.3)	**30.7**	(5.1)
	Brazil	373	(3.9)	**26.3**	(4.0)	**26.4**	(4.8)	**23.2**	(5.4)	18.0	(9.2)
	Bulgaria	406	(5.1)	**28.6**	(5.6)	**54.9**	(7.2)	**67.5**	(9.2)	**65.9**	(12.0)
	Chile	419	(5.5)	**23.1**	(4.8)	**31.7**	(6.9)	**36.1**	(8.2)	1.3	(12.4)
	Colombia	379	(4.9)	**14.3**	(4.8)	**19.7**	(4.7)	**18.7**	(8.3)	-5.5	(12.2)
	Croatia	468	(2.9)	**33.7**	(3.8)	**48.9**	(4.1)	**46.8**	(5.5)	**41.8**	(10.8)
	Estonia	514	(3.6)	**22.9**	(3.2)	**25.7**	(4.4)	**29.5**	(6.4)	-3.8	(16.4)
	Hong Kong-China	517	(2.7)	**24.9**	(3.9)	**58.2**	(4.1)	**74.4**	(7.0)	**89.5**	(7.7)
	Indonesia	380	(5.7)	**14.7**	(4.8)	**21.1**	(4.5)	**19.0**	(7.0)	3.7	(10.9)
	Israel	465	(4.6)	**15.2**	(5.1)	**-15.0**	(5.7)	**-25.5**	(9.2)	-16.4	(15.3)
	Jordan	384	(3.9)	**38.0**	(4.9)	**50.1**	(4.7)	**55.9**	(6.1)	**58.8**	(7.0)
	Kyrgyzstan	316	(3.9)	**16.2**	(3.9)	**23.6**	(4.2)	**27.1**	(5.7)	**18.9**	(5.3)
	Latvia	464	(4.8)	**32.8**	(4.4)	**31.1**	(5.6)	**28.1**	(7.0)	20.8	(13.0)
	Liechtenstein	479	(11.1)	**61.6**	(12.5)	44.5	(27.5)	c	c	c	c
	Lithuania	460	(4.2)	**32.1**	(4.5)	**41.8**	(5.1)	**30.5**	(6.8)	**35.5**	(11.2)
	Macao-China	492	(2.0)	**19.8**	(3.0)	**41.3**	(3.9)	**53.4**	(5.6)	**62.3**	(9.0)
	Montenegro	387	(3.6)	**22.0**	(4.3)	**39.8**	(4.5)	**47.1**	(5.4)	**56.5**	(7.1)
	Qatar	332	(2.6)	**18.5**	(3.3)	**32.3**	(3.8)	**37.5**	(5.1)	**63.3**	(8.4)
	Romania	398	(4.3)	**25.0**	(5.2)	**35.6**	(4.8)	**32.1**	(8.1)	**54.5**	(11.6)
	Russian Federation	442	(6.3)	**27.0**	(5.3)	**48.2**	(6.2)	**60.8**	(6.0)	**56.5**	(5.9)
	Serbia	412	(3.7)	**28.7**	(3.9)	**44.8**	(4.7)	**53.9**	(6.5)	**53.3**	(6.7)
	Slovenia	497	(3.1)	**26.9**	(3.5)	**38.6**	(4.9)	**48.6**	(8.3)	4.3	(11.2)
	Chinese Taipei	491	(4.7)	**54.9**	(3.6)	**80.5**	(5.6)	**97.1**	(6.3)	**119.9**	(11.0)
	Thailand	397	(4.3)	**17.8**	(3.6)	**38.0**	(5.0)	**53.8**	(7.4)	**67.4**	(8.7)
	Tunisia	354	(5.3)	**34.6**	(5.7)	**40.6**	(6.4)	**48.4**	(6.2)	**42.4**	(7.6)
	Uruguay	415	(4.2)	**23.7**	(4.6)	**34.2**	(5.7)	**42.4**	(8.8)	14.8	(19.6)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



[Part 2/2]

Table 4.8a Performance in science, by learning time in individual study in science

		Difference in science performance between students who spend the following learning hours per week in individual study in science and students who do not spend any time in individual study in science															
		Accounting for socio-economic background of students and schools								Accounting for socio-economic background of students and schools as well as learning time in regular school lessons and out-of-school-time lessons in science							
		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
		Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	**37.0**	(2.0)	**50.5**	(3.2)	**59.7**	(5.9)	**69.6**	(10.2)	**32.1**	(2.5)	**45.9**	(4.0)	**55.0**	(6.9)	**56.8**	(10.1)
	Austria	**7.8**	(3.1)	-6.0	(4.8)	-7.0	(7.3)	-11.4	(8.8)	-2.7	(3.0)	**-17.0**	(4.5)	**-16.8**	(6.5)	**-22.8**	(9.7)
	Belgium	**39.4**	(3.3)	**38.7**	(3.9)	**33.2**	(6.5)	**28.1**	(12.2)	**20.2**	(3.3)	**13.9**	(4.0)	11.0	(6.2)	7.8	(9.2)
	Canada	**18.0**	(3.0)	**21.4**	(3.4)	**21.8**	(6.0)	**19.9**	(9.0)	**10.8**	(3.6)	**12.8**	(4.2)	**13.3**	(6.0)	13.5	(9.8)
	Czech Republic	**14.4**	(3.5)	2.0	(6.0)	-5.4	(8.7)	-15.7	(22.7)	3.3	(3.7)	**-14.3**	(5.3)	**-19.0**	(8.7)	-28.4	(20.1)
	Denmark	**24.7**	(4.3)	10.2	(5.8)	11.2	(11.5)	c	c	**17.3**	(4.2)	2.4	(5.9)	1.7	(11.8)	c	c
	Finland	**30.0**	(2.8)	**23.4**	(4.7)	**28.3**	(11.6)	c	c	**22.7**	(3.1)	**17.4**	(4.5)	15.4	(12.0)	c	c
	France	**31.8**	(3.8)	**47.3**	(5.0)	**33.1**	(8.7)	**45.1**	(14.9)	**19.7**	(3.6)	**25.1**	(4.5)	9.9	(7.9)	21.5	(14.4)
	Germany	**24.5**	(4.6)	**16.8**	(5.1)	1.4	(6.0)	3.3	(9.4)	**18.4**	(4.6)	9.0	(4.9)	-1.6	(6.1)	-1.3	(9.0)
	Greece	**14.0**	(4.2)	**19.7**	(4.2)	**19.8**	(5.9)	17.3	(9.9)	4.2	(4.0)	1.9	(3.7)	-1.2	(5.8)	-12.1	(9.5)
	Hungary	7.2	(4.0)	**9.6**	(4.5)	11.7	(6.6)	13.2	(11.0)	-1.2	(3.6)	-3.2	(4.1)	-7.7	(6.0)	-11.5	(11.4)
	Iceland	**33.1**	(4.5)	**26.3**	(6.9)	4.9	(12.4)	c	c	**23.3**	(4.4)	**19.3**	(6.6)	14.2	(12.8)	c	c
	Ireland	**31.7**	(3.2)	**35.2**	(4.8)	**15.7**	(7.3)	10.8	(12.8)	**19.3**	(4.2)	**26.8**	(5.9)	13.7	(7.6)	-3.6	(13.7)
	Italy	**24.4**	(3.5)	**31.0**	(4.3)	**32.9**	(4.8)	**35.7**	(5.9)	**11.2**	(3.1)	**11.5**	(3.7)	**10.3**	(4.3)	5.1	(6.1)
	Japan	**21.5**	(3.9)	9.4	(7.5)	**33.4**	(15.7)	c	c	**22.0**	(3.7)	**16.8**	(7.4)	**39.9**	(13.6)	c	c
	Korea	**30.3**	(3.4)	**39.6**	(4.2)	**51.7**	(7.7)	**49.2**	(19.0)	**25.2**	(3.4)	**32.2**	(4.2)	**45.2**	(7.8)	**48.2**	(18.1)
	Luxembourg	**12.1**	(2.9)	3.8	(4.7)	-5.4	(7.6)	-9.0	(11.8)	**7.5**	(3.1)	3.7	(4.8)	-5.4	(7.6)	-3.9	(11.1)
	Mexico	**-6.9**	(3.1)	-1.3	(3.8)	-3.0	(4.2)	-3.4	(5.3)	0.1	(4.4)	5.0	(5.0)	3.8	(5.6)	4.6	(6.6)
	Netherlands	**16.0**	(2.8)	**18.8**	(4.6)	**17.7**	(6.8)	c	c	4.1	(3.8)	5.2	(5.7)	-0.4	(7.1)	c	c
	New Zealand	**44.2**	(3.9)	**52.3**	(5.4)	**48.8**	(10.9)	**68.5**	(14.9)	**32.8**	(3.9)	**42.6**	(5.3)	**45.5**	(10.5)	**66.4**	(15.8)
	Norway	**30.6**	(3.7)	**10.6**	(5.3)	-8.2	(10.3)	c	c	**30.1**	(3.6)	**21.9**	(6.0)	11.6	(11.5)	c	c
	Poland	**22.1**	(4.7)	**23.1**	(5.1)	**24.7**	(6.2)	**33.0**	(8.1)	**13.7**	(4.6)	6.4	(5.0)	3.5	(6.1)	11.2	(8.4)
	Portugal	4.3	(4.2)	**23.4**	(4.7)	**20.3**	(5.7)	**17.5**	(8.8)	7.1	(5.8)	11.0	(6.6)	2.7	(7.0)	-2.6	(9.2)
	Slovak Republic	**19.0**	(4.1)	**24.5**	(5.3)	**25.1**	(8.1)	12.0	(9.9)	5.0	(4.1)	-1.4	(5.4)	-6.5	(9.1)	-16.8	(9.4)
	Spain	**21.1**	(3.1)	**41.0**	(3.2)	**51.5**	(4.2)	**27.7**	(10.1)	**18.4**	(3.6)	**28.5**	(3.6)	**30.5**	(4.8)	4.8	(8.2)
	Sweden	**27.7**	(5.1)	**15.0**	(5.5)	-20.2	(11.8)	c	c	**24.8**	(4.9)	**19.8**	(5.7)	1.6	(10.1)	c	c
	Switzerland	**37.8**	(3.0)	**26.7**	(4.6)	-8.0	(9.5)	-14.4	(18.7)	**21.4**	(3.1)	7.6	(4.4)	**-21.7**	(7.8)	-19.4	(19.6)
	Turkey	**17.3**	(3.5)	**29.9**	(3.7)	**41.8**	(4.7)	**50.5**	(6.2)	6.1	(3.5)	6.1	(4.1)	9.1	(5.0)	**13.4**	(5.9)
	United Kingdom	**53.2**	(4.4)	**71.3**	(5.0)	**56.2**	(8.0)	**68.0**	(13.0)	**42.3**	(4.7)	**57.0**	(5.5)	**52.7**	(8.0)	**67.1**	(14.3)
	United States	**19.9**	(4.0)	**30.2**	(4.6)	**25.5**	(6.5)	**28.6**	(9.9)	**14.7**	(4.4)	**21.4**	(5.2)	**16.4**	(6.7)	**22.0**	(9.3)
	OECD average	**23.6**	(3.7)	**24.8**	(4.9)	**20.4**	(8.4)	23.7	(12.2)	**15.8**	(3.9)	**14.5**	(5.1)	10.9	(8.3)	9.6	(11.9)
Partners	Argentina	**20.2**	(6.3)	**30.1**	(7.0)	**38.1**	(8.2)	**32.0**	(12.3)	**15.0**	(5.9)	**21.4**	(6.6)	**20.0**	(8.1)	14.5	(11.5)
	Azerbaijan	**11.6**	(3.5)	**18.0**	(3.5)	**23.0**	(4.1)	**30.8**	(4.8)	5.9	(3.9)	**9.5**	(4.0)	**11.2**	(4.5)	**18.7**	(5.3)
	Brazil	**15.1**	(3.8)	**13.6**	(4.8)	9.9	(5.1)	11.7	(8.6)	**10.1**	(3.9)	5.4	(4.7)	-3.3	(5.1)	0.5	(8.7)
	Bulgaria	7.8	(4.9)	**19.0**	(5.3)	**25.5**	(6.5)	**23.7**	(7.2)	3.2	(4.8)	**11.9**	(5.2)	**15.5**	(6.5)	10.8	(7.2)
	Chile	**12.0**	(3.6)	**17.3**	(5.2)	11.1	(6.4)	4.6	(10.5)	6.0	(3.6)	8.4	(4.9)	3.1	(6.4)	-5.7	(11.5)
	Colombia	**15.4**	(4.6)	**17.7**	(5.0)	**14.7**	(7.1)	5.6	(12.1)	**11.3**	(4.5)	**10.5**	(4.7)	6.7	(6.8)	-3.5	(11.1)
	Croatia	**19.8**	(3.2)	**27.7**	(3.4)	**25.1**	(5.3)	**19.5**	(9.5)	4.4	(3.2)	**14.4**	(3.7)	**11.1**	(4.9)	7.9	(8.7)
	Estonia	**17.6**	(3.3)	**18.2**	(4.3)	**20.0**	(6.2)	-8.6	(14.3)	**13.8**	(3.0)	**10.7**	(3.7)	**12.2**	(5.7)	-4.8	(14.6)
	Hong Kong-China	**20.9**	(3.8)	**43.6**	(3.7)	**60.0**	(6.8)	**70.5**	(8.9)	**19.0**	(5.9)	**26.8**	(6.5)	**31.1**	(9.0)	**39.2**	(10.3)
	Indonesia	**15.6**	(5.7)	**16.7**	(4.4)	**11.9**	(5.3)	3.5	(9.6)	7.2	(4.0)	3.6	(3.5)	-2.3	(5.0)	-8.1	(9.1)
	Israel	**17.5**	(4.4)	-1.6	(5.5)	-4.3	(8.7)	-6.4	(13.4)	-0.3	(5.1)	**-18.8**	(6.2)	**-28.4**	(9.1)	-30.2	(13.4)
	Jordan	**29.4**	(4.5)	**39.5**	(4.6)	**45.4**	(5.8)	**48.2**	(6.7)	**19.2**	(4.6)	**24.7**	(4.7)	**29.8**	(6.2)	26.8	(6.8)
	Kyrgyzstan	**16.5**	(2.9)	**25.6**	(3.7)	**31.7**	(4.7)	**25.9**	(4.9)	**11.4**	(3.1)	**20.2**	(4.0)	**23.2**	(5.3)	20.1	(5.0)
	Latvia	**30.4**	(4.3)	**26.9**	(4.7)	**21.5**	(5.7)	16.0	(11.0)	**18.0**	(4.3)	8.1	(4.7)	2.1	(5.7)	-8.8	(11.4)
	Liechtenstein	**26.9**	(9.7)	18.3	(19.5)	c	c	c	c	**27.6**	(9.8)	13.1	(19.2)	c	c	c	c
	Lithuania	**21.2**	(3.9)	**27.7**	(3.8)	**16.4**	(6.1)	**26.6**	(10.5)	**13.6**	(3.8)	**13.6**	(3.8)	5.1	(6.5)	13.4	(9.7)
	Macao-China	**20.0**	(3.0)	**38.6**	(3.9)	**48.8**	(5.6)	**57.0**	(8.6)	**13.5**	(3.1)	**22.9**	(4.6)	**27.6**	(6.0)	**28.1**	(8.5)
	Montenegro	**18.1**	(3.9)	**31.0**	(4.2)	**36.1**	(4.9)	**48.5**	(6.5)	**8.8**	(4.1)	**17.8**	(4.6)	**20.2**	(5.6)	**29.7**	(6.8)
	Qatar	**16.7**	(3.1)	**28.3**	(3.6)	**32.9**	(4.8)	**57.1**	(8.0)	**9.4**	(3.1)	**17.0**	(3.8)	**13.6**	(4.4)	**24.8**	(8.0)
	Romania	**17.3**	(4.3)	**19.6**	(4.3)	**17.0**	(5.7)	**38.6**	(10.5)	**10.5**	(4.7)	**9.4**	(4.7)	7.2	(6.4)	**26.9**	(9.2)
	Russian Federation	**19.6**	(4.8)	**36.8**	(5.6)	**47.6**	(5.2)	**45.4**	(5.4)	**11.6**	(4.6)	**19.4**	(5.5)	**22.6**	(5.2)	**17.9**	(5.1)
	Serbia	**17.1**	(3.6)	**23.9**	(4.5)	**25.1**	(5.5)	**35.6**	(6.1)	**11.6**	(3.8)	**14.6**	(4.8)	**11.8**	(5.4)	**22.3**	(6.5)
	Slovenia	5.9	(3.5)	**8.2**	(3.8)	**17.8**	(8.1)	-11.4	(11.0)	1.3	(3.5)	-0.8	(3.8)	7.0	(7.8)	-16.3	(12.3)
	Chinese Taipei	**32.5**	(2.9)	**50.2**	(4.1)	**57.9**	(4.9)	**77.2**	(9.4)	**26.8**	(2.8)	**34.9**	(4.1)	41.2	(4.9)	**58.6**	(9.8)
	Thailand	**18.9**	(3.9)	**33.9**	(4.4)	**46.0**	(5.9)	**57.2**	(8.2)	**17.9**	(3.8)	**26.2**	(4.3)	32.8	(6.0)	**33.7**	(7.6)
	Tunisia	**25.0**	(5.7)	**29.6**	(6.0)	**36.2**	(5.2)	**31.6**	(7.0)	**15.8**	(5.4)	**15.0**	(5.9)	16.5	(5.4)	8.3	(6.9)
	Uruguay	**9.5**	(4.3)	**17.7**	(5.6)	**20.3**	(8.5)	0.4	(14.7)	5.0	(4.9)	**12.6**	(6.2)	11.6	(9.3)	-3.5	(15.2)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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[Part 1/2]
Table 4.8b Performance in mathematics, by learning time in individual study in mathematics

		Mathematics performance for students who do not spend any time in individual study in mathematics		Difference in mathematics performance between students who spend the following learning hours per week in individual study in mathematics and students who do not spend any time in individual study in mathematics							
				Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
		Mean score	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	482	(2.9)	**38.2**	(2.8)	**58.1**	(3.2)	**60.9**	(4.4)	**59.7**	(7.4)
	Austria	498	(7.7)	**21.7**	(6.6)	9.3	(6.8)	-8.8	(8.4)	**-48.4**	(10.5)
	Belgium	477	(4.8)	**51.8**	(5.2)	**80.2**	(5.4)	**62.0**	(6.9)	**51.4**	(12.6)
	Canada	521	(3.2)	**9.7**	(3.2)	**14.1**	(3.5)	**12.3**	(4.5)	8.1	(6.2)
	Czech Republic	511	(4.9)	**13.3**	(4.9)	-2.0	(6.2)	**-31.6**	(10.1)	**-31.0**	(13.3)
	Denmark	498	(4.8)	**23.4**	(4.9)	**15.5**	(4.9)	-3.3	(6.7)	-15.2	(13.0)
	Finland	530	(4.1)	**24.8**	(4.1)	**18.1**	(4.7)	11.5	(12.3)	c	c
	France	451	(5.4)	**45.9**	(5.2)	**73.7**	(6.2)	**61.0**	(9.4)	**41.1**	(18.4)
	Germany	476	(12.1)	**43.1**	(11.6)	**44.8**	(11.6)	16.8	(13.4)	-0.9	(11.7)
	Greece	435	(3.8)	**23.0**	(4.3)	**43.4**	(4.6)	**38.7**	(5.6)	**38.1**	(8.9)
	Hungary	474	(5.0)	**19.1**	(4.6)	**30.8**	(6.1)	**22.8**	(9.2)	-8.9	(14.6)
	Iceland	499	(5.0)	**14.3**	(5.0)	7.0	(5.0)	-9.6	(8.5)	**-28.2**	(13.3)
	Ireland	488	(5.3)	**15.5**	(4.9)	**26.6**	(4.7)	**20.6**	(7.5)	-15.1	(9.6)
	Italy	425	(4.2)	**29.9**	(4.2)	**51.2**	(5.1)	**51.9**	(5.9)	**48.8**	(7.0)
	Japan	486	(4.5)	**38.9**	(4.0)	**67.6**	(5.0)	**80.1**	(7.6)	**87.2**	(11.1)
	Korea	483	(5.5)	**49.0**	(4.5)	**91.2**	(6.2)	**110.5**	(7.9)	**129.4**	(13.8)
	Luxembourg	482	(4.0)	**17.0**	(4.9)	**10.1**	(5.0)	-13.1	(8.1)	**-41.4**	(10.5)
	Mexico	391	(5.9)	**16.1**	(5.5)	**30.5**	(6.0)	**19.8**	(6.6)	9.1	(7.3)
	Netherlands	505	(5.2)	**36.6**	(4.5)	**44.8**	(5.9)	**26.2**	(8.9)	-27.7	(20.5)
	New Zealand	492	(3.9)	**35.1**	(4.0)	**51.3**	(5.6)	**46.8**	(7.2)	25.3	(15.8)
	Norway	468	(4.4)	**35.4**	(4.6)	**34.0**	(5.5)	13.7	(9.8)	-10.9	(21.7)
	Poland	478	(5.0)	**18.4**	(4.7)	**27.7**	(5.3)	**15.7**	(6.8)	**37.6**	(8.5)
	Portugal	443	(4.7)	**22.4**	(5.2)	**43.7**	(4.9)	**35.4**	(7.5)	19.5	(10.4)
	Slovak Republic	478	(5.4)	**21.5**	(5.9)	**24.0**	(6.4)	15.9	(8.4)	**32.6**	(12.1)
	Spain	444	(4.4)	**39.2**	(4.2)	**50.8**	(4.6)	**49.9**	(5.8)	**24.9**	(9.4)
	Sweden	505	(3.9)	4.0	(3.6)	**-12.9**	(5.7)	**-38.5**	(12.3)	-26.1	(17.9)
	Switzerland	533	(5.7)	5.2	(4.4)	-8.5	(5.7)	**-39.9**	(8.1)	**-71.9**	(15.4)
	Turkey	385	(4.6)	**33.4**	(5.6)	**54.5**	(6.4)	**69.5**	(9.0)	**78.9**	(10.8)
	United Kingdom	450	(4.7)	**49.8**	(4.8)	**64.6**	(4.6)	**50.1**	(10.4)	**49.5**	(16.3)
	United States	458	(5.4)	**12.3**	(4.6)	**36.0**	(5.2)	**24.5**	(5.9)	13.7	(8.6)
	OECD average	475	(5.3)	**26.9**	(5.1)	**36.0**	(5.7)	**25.7**	(8.4)	14.8	(12.9)
Partners	Argentina	369	(9.3)	**21.7**	(7.6)	**37.0**	(8.3)	**22.3**	(10.6)	8.9	(14.3)
	Azerbaijan	462	(2.7)	**13.3**	(3.3)	**18.4**	(3.3)	**20.0**	(3.3)	**19.7**	(3.0)
	Brazil	349	(5.5)	**28.7**	(4.7)	**34.2**	(6.4)	**31.6**	(7.8)	**29.1**	(9.4)
	Bulgaria	386	(6.1)	**26.6**	(4.8)	**51.2**	(6.2)	**58.2**	(8.5)	**66.6**	(11.0)
	Chile	392	(5.4)	**24.7**	(4.1)	**32.4**	(5.5)	**26.2**	(7.7)	14.8	(9.5)
	Colombia	352	(6.1)	**20.7**	(5.9)	**35.2**	(6.3)	**32.5**	(7.0)	**28.8**	(10.4)
	Croatia	462	(3.3)	4.2	(3.5)	**13.3**	(3.8)	**21.4**	(5.3)	0.0	(10.8)
	Estonia	497	(5.3)	**21.9**	(5.3)	**27.9**	(5.2)	**12.9**	(5.7)	5.0	(7.0)
	Hong Kong-China	489	(7.7)	**52.8**	(8.7)	**77.7**	(8.0)	**85.2**	(9.3)	**95.8**	(9.3)
	Indonesia	348	(7.2)	**42.5**	(6.6)	**56.2**	(6.9)	**41.8**	(7.1)	**31.3**	(9.2)
	Israel	464	(6.6)	-6.2	(6.7)	**-19.4**	(6.1)	**-23.8**	(8.6)	-11.3	(9.0)
	Jordan	350	(5.2)	**34.5**	(5.4)	**46.6**	(5.2)	**44.0**	(6.2)	**51.1**	(6.7)
	Kyrgyzstan	297	(5.1)	**26.8**	(4.2)	**32.5**	(5.8)	**41.0**	(6.5)	**26.1**	(5.6)
	Latvia	467	(8.5)	**22.0**	(7.8)	**29.5**	(7.9)	14.3	(9.9)	-2.2	(9.5)
	Liechtenstein	489	(19.4)	**44.1**	(21.2)	31.4	(21.7)	c	c	c	c
	Lithuania	450	(3.8)	**39.5**	(3.9)	**55.8**	(4.7)	**54.1**	(6.8)	**46.3**	(10.5)
	Macao-China	494	(3.7)	**26.3**	(4.8)	**49.2**	(5.0)	**48.8**	(6.9)	**59.0**	(7.7)
	Montenegro	380	(4.3)	**20.3**	(4.7)	**38.3**	(5.4)	**39.9**	(6.9)	**37.5**	(8.4)
	Qatar	296	(3.7)	**25.1**	(4.3)	**39.0**	(4.3)	**37.9**	(5.5)	**39.1**	(8.4)
	Romania	391	(5.6)	**17.2**	(5.1)	**40.6**	(6.4)	**33.8**	(7.6)	**52.4**	(8.9)
	Russian Federation	439	(7.8)	**30.3**	(6.5)	**50.6**	(7.1)	**60.2**	(8.9)	**65.1**	(10.3)
	Serbia	414	(4.6)	**27.6**	(4.3)	**33.1**	(4.9)	**38.2**	(6.2)	**24.4**	(9.4)
	Slovenia	490	(4.7)	**15.4**	(5.3)	**25.6**	(6.1)	**25.1**	(7.2)	-2.3	(8.7)
	Chinese Taipei	474	(5.6)	**67.8**	(3.9)	**119.7**	(5.8)	**134.2**	(7.2)	**144.9**	(7.6)
	Thailand	391	(6.0)	**18.8**	(5.9)	**41.5**	(6.5)	**49.9**	(7.4)	**81.8**	(9.2)
	Tunisia	335	(4.9)	**34.7**	(5.1)	**44.9**	(6.2)	**41.3**	(6.7)	**40.0**	(7.8)
	Uruguay	410	(4.8)	**23.9**	(5.2)	**35.6**	(6.3)	**35.8**	(7.8)	8.0	(13.8)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



[Part 2/2]
Table 4.8b Performance in mathematics, by learning time in individual study in mathematics

		Difference in mathematics performance between students who spend the following learning hours per week in individual study in mathematics and students who do not spend any time in individual study in mathematics															
		Accounting for socio-economic background of students and schools								Accounting for socio-economic background of students and schools as well as learning time in regular school lessons and out-of-school-time lessons in mathematics							
		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
		Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	**27.7**	(2.6)	**38.3**	(2.9)	**40.8**	(4.0)	**41.8**	(6.8)	**26.9**	(2.8)	**40.3**	(3.1)	**51.0**	(4.2)	**52.8**	(6.6)
	Austria	8.4	(6.1)	-5.5	(6.8)	**-20.3**	(7.0)	**-50.4**	(10.5)	3.8	(6.4)	-9.2	(7.0)	**-19.6**	(7.5)	**-46.9**	(10.8)
	Belgium	**28.2**	(3.8)	**34.9**	(4.2)	**14.2**	(4.9)	11.7	(9.1)	**21.5**	(4.2)	**22.1**	(4.6)	9.3	(6.3)	6.4	(7.8)
	Canada	3.6	(3.1)	2.8	(3.6)	-0.0	(4.5)	-6.1	(5.9)	5.1	(3.2)	6.0	(3.9)	6.2	(4.8)	1.1	(6.6)
	Czech Republic	4.9	(3.9)	-8.5	(5.0)	**-29.6**	(9.2)	**-27.5**	(11.0)	**7.7**	(3.8)	-3.5	(5.0)	**-21.3**	(9.8)	**-28.3**	(12.0)
	Denmark	**16.9**	(4.7)	8.4	(4.7)	-12.2	(6.4)	-18.8	(12.7)	**14.6**	(4.9)	**10.6**	(4.8)	-3.4	(7.8)	-12.3	(14.8)
	Finland	**19.0**	(3.9)	**10.7**	(4.5)	3.0	(11.3)	c	c	**18.1**	(3.7)	**15.1**	(4.7)	18.9	(11.3)	c	c
	France	**20.6**	(5.1)	**26.7**	(5.4)	**18.7**	(6.8)	7.3	(11.8)	**23.1**	(4.9)	**31.2**	(5.3)	**28.8**	(6.8)	**27.1**	(12.0)
	Germany	**16.2**	(6.5)	**12.5**	(5.8)	-2.9	(6.7)	-10.7	(7.5)	**20.5**	(6.3)	**18.5**	(5.8)	10.4	(6.7)	7.3	(7.9)
	Greece	**17.0**	(3.6)	**27.3**	(3.5)	**20.5**	(5.0)	**27.8**	(7.4)	**10.2**	(3.5)	**14.6**	(3.6)	5.9	(5.2)	13.9	(7.8)
	Hungary	2.0	(3.9)	**8.2**	(4.2)	2.0	(6.9)	-10.9	(9.3)	5.2	(4.1)	**10.7**	(4.5)	6.8	(7.6)	-3.6	(9.4)
	Iceland	**12.0**	(4.7)	1.7	(4.7)	-13.6	(8.4)	**-24.3**	(12.0)	**14.0**	(4.5)	8.4	(4.7)	3.8	(8.3)	-0.3	(11.7)
	Ireland	7.6	(4.0)	**13.0**	(4.1)	10.0	(6.7)	**-21.9**	(9.4)	**7.7**	(3.8)	**16.7**	(4.0)	**24.4**	(6.0)	12.7	(10.2)
	Italy	**13.5**	(4.3)	**21.2**	(5.0)	**21.0**	(5.5)	**17.6**	(6.1)	6.4	(4.2)	8.3	(4.9)	8.1	(5.4)	6.0	(6.4)
	Japan	**17.9**	(3.4)	**28.6**	(4.7)	**32.3**	(6.8)	**31.3**	(9.9)	**16.9**	(3.3)	**25.5**	(4.2)	**29.0**	(6.3)	**29.4**	(10.0)
	Korea	**32.0**	(3.9)	**59.9**	(5.1)	**72.1**	(5.2)	**83.9**	(7.1)	**19.9**	(3.9)	**42.0**	(4.7)	**52.8**	(5.3)	**66.2**	(6.7)
	Luxembourg	**8.4**	(4.2)	-0.1	(4.4)	**-21.9**	(7.3)	**-38.7**	(9.6)	**8.9**	(3.9)	5.9	(4.2)	-6.1	(7.1)	-12.6	(9.5)
	Mexico	**15.2**	(4.6)	**26.3**	(4.5)	**19.0**	(5.2)	**16.6**	(6.5)	8.1	(4.7)	**15.7**	(4.7)	10.6	(5.5)	7.4	(7.1)
	Netherlands	**12.2**	(3.7)	**12.3**	(4.5)	-4.1	(7.8)	**-38.5**	(14.6)	4.9	(4.2)	7.6	(4.6)	-1.3	(7.8)	**-31.8**	(15.2)
	New Zealand	**22.5**	(3.8)	**29.4**	(5.2)	**24.6**	(6.4)	17.4	(14.1)	**26.1**	(3.9)	**38.9**	(5.2)	**46.0**	(6.6)	**52.4**	(14.9)
	Norway	**30.4**	(4.3)	**25.0**	(5.2)	2.5	(8.7)	-20.2	(18.7)	**31.1**	(4.6)	**36.4**	(5.8)	**24.0**	(8.5)	17.1	(18.5)
	Poland	**15.9**	(4.4)	**22.6**	(4.8)	**14.4**	(6.7)	**29.1**	(7.3)	**9.3**	(4.2)	**12.7**	(4.7)	6.3	(6.3)	**25.5**	(7.2)
	Portugal	**23.5**	(4.9)	**36.0**	(4.6)	**26.1**	(7.0)	15.8	(8.4)	**22.1**	(6.2)	**26.9**	(6.1)	17.6	(9.0)	6.9	(9.1)
	Slovak Republic	10.0	(5.5)	6.5	(6.2)	-6.4	(7.9)	9.0	(10.2)	7.0	(5.1)	2.9	(5.8)	-7.4	(7.7)	16.1	(9.5)
	Spain	**29.3**	(4.1)	**39.5**	(4.4)	**35.7**	(5.3)	16.8	(8.6)	**24.4**	(4.2)	**31.0**	(4.1)	**28.2**	(5.3)	**17.9**	(8.8)
	Sweden	0.3	(3.5)	**-17.5**	(5.4)	**-50.1**	(10.8)	-26.0	(15.8)	5.3	(3.5)	1.7	(5.8)	-10.1	(10.2)	8.1	(18.5)
	Switzerland	3.4	(3.8)	-7.4	(4.7)	**-32.9**	(6.7)	**-57.8**	(14.1)	2.3	(4.1)	-5.4	(5.0)	**-19.3**	(6.8)	**-32.3**	(14.7)
	Turkey	**27.4**	(4.6)	**37.7**	(4.9)	**50.2**	(6.1)	**55.4**	(7.0)	**13.9**	(4.8)	**14.5**	(5.5)	**21.8**	(6.9)	**20.6**	(7.3)
	United Kingdom	**35.4**	(4.1)	**39.4**	(3.9)	**31.7**	(6.9)	**34.8**	(13.4)	**35.8**	(4.2)	**45.4**	(4.1)	**48.6**	(6.4)	**56.3**	(14.4)
	United States	3.8	(3.8)	**16.6**	(4.2)	9.2	(5.4)	-1.9	(7.4)	6.4	(3.8)	**14.8**	(4.6)	8.5	(6.1)	1.4	(7.9)
	OECD average	**16.2**	(4.3)	**18.2**	(4.8)	8.5	(7.0)	2.2	(10.6)	**14.2**	(4.4)	**16.9**	(4.9)	12.6	(7.2)	9.8	(11.0)
Partners	Argentina	**16.0**	(8.0)	**24.7**	(9.2)	**22.7**	(9.2)	11.5	(12.6)	9.2	(6.7)	12.5	(8.2)	10.0	(8.5)	0.7	(12.4)
	Azerbaijan	**13.2**	(3.3)	**18.3**	(3.3)	**19.7**	(3.4)	**19.1**	(3.2)	**8.3**	(3.3)	**10.3**	(3.2)	**10.8**	(3.5)	**10.2**	(3.2)
	Brazil	**16.8**	(4.3)	**18.1**	(4.8)	**19.1**	(6.2)	13.4	(8.3)	**12.5**	(4.5)	8.7	(5.0)	7.3	(6.4)	-1.4	(8.8)
	Bulgaria	**15.1**	(4.5)	**23.2**	(4.7)	**25.0**	(6.2)	**30.6**	(8.1)	**11.9**	(4.9)	**13.5**	(4.9)	**15.4**	(6.4)	**18.4**	(8.2)
	Chile	**14.1**	(3.4)	**18.8**	(3.5)	**11.8**	(5.9)	13.1	(8.6)	**8.6**	(3.3)	**10.2**	(3.7)	1.9	(5.5)	3.8	(8.7)
	Colombia	**22.2**	(5.0)	**32.4**	(5.7)	**30.8**	(7.4)	**32.3**	(8.6)	**18.3**	(4.3)	**25.9**	(5.4)	**25.4**	(7.0)	**24.2**	(8.9)
	Croatia	**7.2**	(3.4)	**8.8**	(3.8)	8.2	(5.2)	-2.5	(7.5)	**7.6**	(3.4)	**9.6**	(4.0)	**12.6**	(5.2)	6.3	(7.5)
	Estonia	**16.8**	(4.6)	**20.0**	(4.6)	5.1	(5.7)	-4.5	(7.0)	**14.5**	(4.5)	**17.9**	(4.4)	9.0	(4.9)	3.7	(6.5)
	Hong Kong-China	**36.0**	(6.9)	**53.6**	(5.7)	**61.0**	(7.4)	**73.8**	(8.3)	**28.8**	(7.2)	**44.4**	(6.3)	**53.6**	(7.2)	**62.2**	(8.4)
	Indonesia	**35.4**	(5.5)	**44.2**	(5.7)	**37.8**	(6.8)	**30.7**	(8.4)	**21.2**	(4.8)	**25.2**	(5.3)	**19.8**	(5.6)	**15.3**	(6.9)
	Israel	-7.8	(6.0)	**-17.9**	(6.2)	**-19.7**	(8.3)	-14.8	(8.8)	-4.6	(5.7)	**-15.0**	(6.2)	**-16.8**	(8.5)	-7.7	(10.2)
	Jordan	**28.1**	(4.7)	**36.3**	(4.4)	**33.8**	(5.0)	**41.5**	(6.0)	**18.5**	(4.5)	**21.9**	(4.3)	**18.2**	(5.0)	**24.8**	(6.1)
	Kyrgyzstan	**21.4**	(3.9)	**26.8**	(4.8)	**35.6**	(5.4)	**32.3**	(4.9)	**15.9**	(3.9)	**19.2**	(4.9)	**24.9**	(5.8)	**20.0**	(4.7)
	Latvia	**18.9**	(6.2)	**22.2**	(6.4)	6.5	(8.3)	-6.9	(9.0)	**12.2**	(6.1)	12.1	(6.4)	-4.8	(8.2)	**-19.4**	(8.7)
	Liechtenstein	21.3	(16.0)	17.1	(17.4)	c	c	c	c	17.8	(16.8)	16.6	(18.0)	c	c	c	c
	Lithuania	**26.5**	(3.5)	**36.2**	(4.1)	**35.4**	(6.2)	**31.0**	(9.3)	**15.5**	(3.6)	**21.3**	(4.3)	**25.4**	(6.0)	20.3	(8.3)
	Macao-China	**23.0**	(4.9)	**41.1**	(5.0)	**38.4**	(6.9)	**48.0**	(7.8)	**23.8**	(4.7)	**37.6**	(5.0)	**38.9**	(6.5)	46.1	(7.8)
	Montenegro	**20.3**	(4.4)	**33.1**	(5.2)	**36.4**	(6.4)	**36.1**	(7.7)	**15.6**	(4.3)	**22.9**	(5.2)	**30.0**	(6.4)	30.8	(7.4)
	Qatar	**20.6**	(3.9)	**30.9**	(4.2)	**31.0**	(5.3)	**31.4**	(7.7)	**18.3**	(4.3)	**23.4**	(4.5)	**19.0**	(5.6)	23.2	(7.6)
	Romania	**13.4**	(5.5)	**25.9**	(6.6)	**23.8**	(8.3)	**31.0**	(6.3)	9.2	(5.1)	**18.1**	(6.6)	**19.0**	(9.2)	28.9	(7.2)
	Russian Federation	**18.8**	(6.0)	**35.3**	(6.8)	**43.2**	(8.0)	**49.6**	(10.6)	6.9	(5.6)	**14.8**	(6.3)	**16.0**	(7.1)	17.6	(10.7)
	Serbia	**16.6**	(3.8)	**16.4**	(4.4)	**16.7**	(5.4)	2.8	(7.5)	**17.8**	(4.0)	**16.2**	(4.8)	**17.4**	(6.1)	7.1	(8.1)
	Slovenia	4.3	(4.1)	-1.3	(4.3)	-3.3	(5.9)	**-15.2**	(7.6)	**8.1**	(4.1)	6.4	(4.6)	8.4	(6.2)	2.4	(8.5)
	Chinese Taipei	**46.5**	(3.1)	**77.3**	(3.7)	**82.1**	(4.7)	**92.1**	(6.1)	**37.0**	(2.9)	**53.7**	(3.6)	**57.2**	(4.9)	**67.9**	(6.1)
	Thailand	**17.8**	(5.5)	**35.0**	(6.0)	**39.9**	(7.0)	**66.1**	(9.0)	**17.0**	(5.2)	**26.5**	(5.4)	**24.3**	(6.5)	**41.1**	(8.3)
	Tunisia	**25.5**	(4.6)	**31.5**	(4.9)	**28.7**	(5.5)	**29.7**	(6.7)	**20.0**	(4.4)	**19.5**	(5.1)	**15.1**	(5.6)	**17.2**	(6.8)
	Uruguay	**10.1**	(4.9)	**15.0**	(5.5)	14.9	(8.0)	14.5	(13.5)	5.7	(5.1)	9.6	(5.6)	14.1	(8.7)	11.2	(14.6)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Table 4.8c [Part 1/2] Performance in reading, by learning time in individual study on the language of instruction

		Reading performance for students who do not spend any time in individual study on the language of instruction		Difference in reading performance between students who spend the following learning hours per week in individual study on the language of instruction and students who do not spend any time in individual study on the language of instruction							
				Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
		Mean score	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	475	(3.1)	**43.3**	(2.9)	**54.9**	(3.6)	**41.2**	(5.2)	**24.9**	(8.8)
	Austria	493	(5.3)	**14.8**	(5.3)	**-14.3**	(6.9)	**-45.9**	(10.5)	**-105.2**	(15.3)
	Belgium	470	(6.2)	**51.9**	(6.0)	**42.4**	(6.2)	-3.2	(13.2)	-4.8	(16.6)
	Canada	514	(3.0)	**16.9**	(3.0)	**26.6**	(3.8)	**28.1**	(5.5)	14.0	(7.3)
	Czech Republic	473	(6.4)	**27.4**	(5.6)	13.4	(6.9)	-13.2	(16.7)	-7.5	(26.6)
	Denmark	465	(6.8)	**28.6**	(7.1)	**43.0**	(6.8)	**31.3**	(8.3)	**30.9**	(11.5)
	Finland	520	(4.0)	**33.0**	(3.8)	**39.8**	(6.3)	**29.9**	(12.3)	**51.1**	(19.1)
	France	454	(6.3)	**37.8**	(5.5)	**62.4**	(6.1)	**58.0**	(10.1)	33.5	(28.4)
	Germany	497	(7.2)	**21.0**	(6.2)	13.4	(7.4)	-12.4	(9.1)	**-47.4**	(9.8)
	Greece	444	(5.4)	**19.7**	(4.9)	**25.0**	(4.9)	**29.6**	(6.2)	**28.6**	(9.3)
	Hungary	453	(6.6)	**31.4**	(6.4)	**43.1**	(7.3)	**41.2**	(8.8)	16.2	(14.1)
	Iceland	460	(5.2)	**35.9**	(5.4)	**30.2**	(5.9)	-10.3	(10.3)	-24.7	(21.2)
	Ireland	509	(5.5)	**11.9**	(5.1)	**22.3**	(5.9)	3.1	(6.9)	**-23.6**	(10.4)
	Italy	416	(6.8)	**43.7**	(6.1)	**63.9**	(6.7)	**70.0**	(7.2)	c	c
	Japan	473	(4.6)	**40.4**	(4.0)	**39.6**	(6.4)	**49.6**	(14.1)	**74.3**	(21.4)
	Korea	518	(6.0)	**44.9**	(4.9)	**63.1**	(5.8)	**68.3**	(8.1)	**74.2**	(12.5)
	Luxembourg	477	(3.9)	**16.1**	(4.2)	-5.8	(5.4)	**-54.5**	(8.8)	**-58.2**	(15.1)
	Mexico	392	(7.0)	**23.8**	(6.3)	**30.5**	(7.0)	**19.3**	(7.9)	6.7	(9.5)
	Netherlands	494	(6.3)	**28.7**	(5.5)	10.3	(6.0)	**-32.0**	(11.0)	-4.0	(20.4)
	New Zealand	492	(5.1)	**42.1**	(5.1)	**41.7**	(6.6)	18.4	(9.9)	9.1	(12.6)
	Norway	456	(5.1)	**45.6**	(5.5)	**44.0**	(7.0)	**30.3**	(10.2)	-22.0	(12.7)
	Poland	474	(6.0)	**32.0**	(5.9)	**45.1**	(6.3)	**47.3**	(6.6)	**39.0**	(10.3)
	Portugal	443	(8.8)	**36.7**	(7.0)	**32.1**	(8.1)	**29.5**	(9.9)	7.3	(18.1)
	Slovak Republic	431	(5.3)	**43.1**	(5.3)	**52.5**	(6.1)	**49.5**	(8.5)	**50.4**	(13.2)
	Spain	424	(4.0)	**42.4**	(4.2)	**49.4**	(4.5)	**48.4**	(6.0)	**34.5**	(9.7)
	Sweden	493	(6.1)	**25.2**	(5.7)	**16.9**	(5.9)	1.3	(10.6)	-29.1	(25.6)
	Switzerland	493	(5.0)	**14.7**	(4.5)	-0.8	(5.6)	**-46.3**	(10.4)	**-80.8**	(15.6)
	Turkey	450	(9.7)	1.7	(6.9)	-0.5	(9.1)	3.1	(9.8)	-3.8	(13.2)
	United Kingdom	447	(5.3)	**52.5**	(5.2)	**73.5**	(6.1)	**53.7**	(10.9)	**58.4**	(23.0)
	United States	m	m	m	m	m	m	m	m	m	m
	OECD average	469	(5.9)	**31.3**	(5.4)	**33.0**	(6.3)	18.4	(9.8)	5.1	(16.4)
Partners	Argentina	362	(12.0)	**25.4**	(9.5)	**37.3**	(10.6)	27.0	(19.0)	**-43.3**	(17.0)
	Azerbaijan	347	(6.0)	8.0	(4.8)	**12.9**	(5.3)	**18.4**	(5.5)	**19.2**	(5.6)
	Brazil	379	(6.7)	**28.5**	(5.0)	**28.2**	(7.4)	-3.9	(8.8)	-13.7	(14.0)
	Bulgaria	363	(7.7)	**43.0**	(6.9)	**67.7**	(7.5)	**70.6**	(10.1)	**74.3**	(13.8)
	Chile	440	(6.8)	7.6	(5.3)	**13.3**	(6.1)	4.2	(8.4)	-19.8	(14.1)
	Colombia	376	(6.9)	**17.1**	(6.6)	**19.2**	(6.2)	12.4	(10.9)	-8.3	(18.4)
	Croatia	472	(4.1)	**8.0**	(3.6)	**11.9**	(4.9)	**19.4**	(7.1)	-22.6	(13.1)
	Estonia	476	(4.2)	**31.9**	(4.7)	**36.6**	(4.9)	12.4	(7.7)	11.3	(11.7)
	Hong Kong-China	517	(6.4)	**23.9**	(6.6)	**25.6**	(6.8)	**28.3**	(7.5)	10.0	(12.4)
	Indonesia	359	(12.1)	**38.9**	(9.8)	**36.8**	(10.9)	22.6	(13.4)	-0.0	(15.5)
	Israel	455	(5.5)	9.6	(5.1)	**-14.7**	(7.2)	**-35.5**	(8.5)	**-39.0**	(12.0)
	Jordan	375	(6.9)	**35.2**	(6.9)	**36.7**	(6.9)	**32.4**	(7.2)	**27.8**	(8.7)
	Kyrgyzstan	258	(4.5)	**40.0**	(4.9)	**47.8**	(6.8)	**51.7**	(6.2)	**62.6**	(6.5)
	Latvia	451	(12.3)	**35.7**	(10.6)	**31.8**	(12.0)	21.2	(12.9)	22.2	(16.2)
	Liechtenstein	498	(15.9)	24.1	(18.4)	-15.8	(22.9)	c	c	c	c
	Lithuania	433	(4.4)	**40.5**	(4.6)	**57.5**	(5.8)	**48.4**	(7.0)	**35.8**	(11.7)
	Macao-China	480	(2.8)	**20.4**	(3.5)	**13.8**	(4.5)	4.8	(6.7)	-10.7	(12.8)
	Montenegro	365	(4.5)	**30.2**	(5.2)	**47.0**	(5.6)	**58.1**	(7.5)	**23.1**	(8.0)
	Qatar	296	(4.5)	**30.0**	(4.9)	**31.8**	(5.0)	**28.8**	(8.1)	-6.7	(8.7)
	Romania	352	(7.7)	**37.5**	(6.3)	**60.9**	(6.8)	**75.8**	(7.7)	**74.0**	(8.7)
	Russian Federation	424	(7.6)	**24.1**	(6.9)	**14.3**	(7.1)	13.8	(8.7)	-18.5	(20.1)
	Serbia	380	(4.5)	**29.9**	(4.1)	**30.0**	(4.9)	**29.9**	(6.2)	**24.8**	(9.3)
	Slovenia	481	(3.6)	**19.8**	(4.2)	**24.9**	(4.9)	13.6	(7.4)	1.0	(12.4)
	Chinese Taipei	446	(5.1)	**49.8**	(3.6)	**76.7**	(4.7)	**78.0**	(7.3)	**74.3**	(7.3)
	Thailand	407	(5.1)	**12.2**	(4.7)	9.7	(6.0)	10.8	(7.5)	3.0	(9.5)
	Tunisia	378	(6.2)	**15.6**	(5.6)	-0.7	(6.0)	0.5	(8.0)	1.1	(8.5)
	Uruguay	395	(6.4)	**32.6**	(6.3)	**44.2**	(7.4)	25.2	(16.3)	17.2	(18.7)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 4.8c [Part 2/2] Performance in reading, by learning time in individual study on the language of instruction

		Difference in reading performance between students who spend the following learning hours per week in individual study on the language of instruction and students who do not spend any time in individual study on the language of instruction															
		Accounting for socio-economic background of students and schools								Accounting for socio-economic background of students and schools as well as learning time in regular school lessons and out-of-school-time lessons on the language of instruction							
		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
		Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	**29.9**	(3.0)	**35.1**	(3.3)	**23.0**	(5.0)	9.3	(8.2)	**31.1**	(3.0)	**40.2**	(3.3)	**43.2**	(5.2)	**35.7**	(8.2)
	Austria	4.5	(4.1)	**-17.0**	(5.0)	**-31.4**	(7.5)	**-70.3**	(14.5)	2.0	(4.2)	**-14.8**	(5.3)	**-21.1**	(7.9)	**-53.3**	(14.2)
	Belgium	**25.9**	(5.0)	**17.7**	(5.4)	-17.2	(10.1)	-10.4	(17.4)	**24.7**	(4.3)	**20.7**	(5.1)	-2.5	(10.9)	23.9	(18.0)
	Canada	**10.1**	(2.7)	**12.8**	(3.8)	**13.9**	(4.7)	-1.0	(7.4)	**15.2**	(2.7)	**20.0**	(4.1)	**29.2**	(5.0)	10.8	(8.5)
	Czech Republic	**23.9**	(4.3)	**15.9**	(6.2)	-4.0	(15.1)	-19.6	(17.8)	**25.2**	(4.5)	**19.5**	(5.8)	2.6	(15.2)	-25.3	(20.4)
	Denmark	**24.0**	(6.7)	**34.7**	(6.7)	**25.6**	(7.7)	**31.0**	(11.6)	**22.9**	(6.7)	**35.6**	(6.8)	**28.7**	(8.6)	**30.7**	(12.1)
	Finland	**29.7**	(3.6)	**35.5**	(5.9)	**24.8**	(12.1)	**47.9**	(18.3)	**30.1**	(3.5)	**44.4**	(5.4)	**42.0**	(12.0)	**71.2**	(16.2)
	France	**22.7**	(4.7)	**33.8**	(4.9)	**33.4**	(8.5)	4.4	(24.5)	**24.4**	(4.6)	**36.6**	(5.0)	**44.8**	(8.2)	27.4	(21.9)
	Germany	**15.9**	(5.4)	**13.3**	(5.8)	-2.2	(6.8)	**-24.4**	(10.4)	**18.2**	(5.8)	**18.3**	(6.2)	12.0	(7.2)	-12.6	(10.4)
	Greece	**15.4**	(4.1)	**17.5**	(4.4)	**22.2**	(5.1)	**19.7**	(8.3)	7.5	(4.4)	2.4	(4.5)	3.8	(6.1)	-2.7	(8.8)
	Hungary	**16.7**	(5.1)	**23.6**	(6.0)	**20.2**	(7.3)	10.3	(10.5)	**11.7**	(5.1)	**17.2**	(5.7)	**13.0**	(6.6)	0.6	(10.4)
	Iceland	**33.6**	(5.3)	**27.0**	(5.9)	-8.2	(10.3)	-22.4	(19.7)	**31.1**	(5.1)	**29.0**	(5.6)	**10.1**	(9.0)	10.7	(19.5)
	Ireland	7.7	(4.7)	**14.4**	(5.6)	-4.6	(6.2)	**-23.5**	(10.1)	**9.5**	(4.6)	**20.0**	(5.6)	**19.1**	(6.5)	15.2	(9.1)
	Italy	**28.1**	(6.9)	**34.8**	(7.2)	**33.8**	(7.7)	c	c	**24.9**	(6.4)	**26.7**	(6.4)	**27.4**	(6.9)	c	c
	Japan	**22.5**	(4.0)	**17.7**	(5.5)	15.5	(12.2)	33.1	(20.0)	**24.9**	(4.1)	**25.0**	(5.7)	**33.3**	(11.6)	**41.0**	(16.8)
	Korea	**29.4**	(3.9)	**38.3**	(4.3)	**40.8**	(6.0)	**39.5**	(9.6)	**21.1**	(3.7)	**26.6**	(4.2)	**28.8**	(6.1)	**31.5**	(9.5)
	Luxembourg	**12.4**	(3.7)	1.1	(4.5)	**-33.0**	(7.7)	**-40.0**	(14.0)	**14.0**	(3.8)	**12.1**	(4.8)	-2.7	(8.2)	-8.6	(14.9)
	Mexico	**22.8**	(5.6)	**28.6**	(6.3)	**20.9**	(7.2)	**16.3**	(8.1)	**16.4**	(6.7)	**20.4**	(7.7)	**17.1**	(8.6)	14.7	(10.0)
	Netherlands	**15.3**	(4.1)	8.1	(4.7)	-12.9	(9.7)	-2.9	(13.3)	**20.7**	(4.4)	**21.0**	(5.1)	10.7	(9.6)	26.5	(13.7)
	New Zealand	**26.2**	(4.9)	**21.1**	(6.1)	1.8	(9.2)	-9.4	(10.7)	**30.6**	(4.7)	**34.3**	(5.7)	**36.3**	(8.5)	**46.4**	(12.4)
	Norway	**40.5**	(5.1)	**35.3**	(6.6)	16.0	(9.5)	**-29.1**	(12.7)	**37.0**	(5.1)	**41.3**	(6.6)	**29.8**	(9.2)	5.3	(17.6)
	Poland	**28.7**	(5.2)	**40.4**	(5.6)	**42.6**	(6.2)	**37.2**	(9.2)	**20.1**	(5.2)	**27.2**	(5.5)	**33.5**	(6.1)	**32.8**	(9.3)
	Portugal	**32.5**	(6.3)	**29.7**	(6.7)	**26.7**	(8.5)	16.5	(13.5)	**27.5**	(5.8)	**24.8**	(6.1)	**32.3**	(7.9)	17.2	(12.6)
	Slovak Republic	**30.7**	(4.6)	**40.2**	(5.4)	**37.1**	(7.6)	**41.1**	(11.7)	**26.0**	(4.6)	**35.3**	(6.0)	**35.5**	(8.4)	**43.5**	(11.8)
	Spain	**33.9**	(3.8)	**41.3**	(4.0)	**40.6**	(5.9)	**28.1**	(9.1)	**27.8**	(3.9)	**32.8**	(4.0)	**34.5**	(5.4)	**28.4**	(8.1)
	Sweden	**22.0**	(5.9)	10.8	(5.9)	-7.2	(9.7)	-43.6	(23.8)	**28.6**	(5.9)	**29.2**	(6.6)	**27.8**	(8.3)	5.4	(21.1)
	Switzerland	**14.9**	(4.3)	2.3	(4.7)	**-36.0**	(9.9)	**-58.9**	(13.8)	**15.9**	(4.1)	**13.4**	(4.7)	-8.1	(8.2)	-17.0	(14.9)
	Turkey	**10.5**	(4.8)	**14.4**	(5.6)	**21.1**	(6.7)	14.3	(10.1)	8.7	(4.7)	**10.6**	(5.4)	**14.9**	(6.1)	8.1	(10.2)
	United Kingdom	**37.1**	(4.8)	**46.4**	(5.3)	**34.3**	(9.6)	**38.3**	(18.7)	**39.2**	(4.5)	**55.5**	(5.3)	**57.8**	(8.7)	**66.9**	(19.1)
	United States	m	m	**m**	m	m	m	m	m	m	m	m	m	m	m	m	m
	OECD average	**23.0**	(4.8)	**23.3**	(5.5)	11.6	(8.6)	1.1	(14.3)	**22.0**	(4.8)	**25.0**	(5.5)	**21.9**	(8.4)	16.9	(14.2)
Partners	Argentina	**20.5**	(7.0)	**27.9**	(9.9)	24.8	(13.9)	**-36.3**	(16.1)	**15.4**	(7.1)	**20.4**	(10.2)	24.0	(14.6)	-20.1	(16.0)
	Azerbaijan	**9.9**	(4.3)	**14.4**	(4.8)	**16.7**	(5.4)	**18.6**	(5.8)	2.3	(4.9)	3.7	(5.2)	5.5	(6.2)	7.7	(6.5)
	Brazil	**18.8**	(4.1)	**19.6**	(5.5)	-5.5	(6.9)	-11.5	(11.7)	**15.1**	(4.0)	**12.7**	(5.1)	-10.6	(7.6)	-17.1	(11.0)
	Bulgaria	**23.6**	(5.6)	**30.9**	(5.9)	**34.0**	(8.3)	**39.8**	(9.8)	**22.8**	(5.7)	**28.2**	(6.2)	**35.2**	(8.4)	**45.2**	(10.4)
	Chile	**10.4**	(4.9)	**15.5**	(5.6)	12.3	(8.2)	-6.9	(12.5)	**10.1**	(5.0)	**18.6**	(5.7)	**20.7**	(9.2)	1.2	(13.5)
	Colombia	**12.8**	(6.1)	**12.9**	(5.9)	7.2	(11.2)	-3.9	(17.7)	**13.6**	(5.7)	**13.5**	(6.7)	13.4	(11.2)	1.5	(18.4)
	Croatia	**12.7**	(3.3)	**13.5**	(3.9)	**15.5**	(5.5)	-16.7	(10.6)	**11.0**	(3.3)	**16.6**	(3.8)	**23.4**	(5.5)	0.6	(10.1)
	Estonia	**28.7**	(5.2)	**34.2**	(5.5)	14.6	(7.7)	11.3	(11.4)	**28.1**	(4.9)	**34.4**	(5.4)	**20.7**	(8.2)	**30.4**	(11.6)
	Hong Kong-China	**16.8**	(5.6)	**19.3**	(5.7)	**24.5**	(6.5)	12.1	(11.8)	**17.3**	(5.2)	**20.9**	(5.6)	**31.8**	(6.2)	19.4	(10.6)
	Indonesia	**32.2**	(7.9)	**29.5**	(8.7)	**25.7**	(10.0)	12.2	(14.7)	**23.5**	(7.0)	**20.3**	(7.4)	**20.6**	(9.0)	5.6	(12.6)
	Israel	8.5	(4.9)	-9.2	(7.6)	**-26.1**	(8.1)	**-34.8**	(12.7)	7.1	(5.1)	-3.1	(7.5)	-11.5	(9.4)	-25.4	(15.1)
	Jordan	**32.3**	(6.2)	**34.6**	(6.1)	**33.3**	(6.6)	**31.5**	(7.9)	**23.8**	(6.5)	**22.1**	(6.3)	**21.2**	(7.1)	**16.4**	(8.2)
	Kyrgyzstan	**27.5**	(5.0)	**38.3**	(6.5)	**43.3**	(6.3)	**61.4**	(6.9)	**15.8**	(5.1)	**23.6**	(6.9)	**26.5**	(6.5)	**43.0**	(7.6)
	Latvia	**34.9**	(7.5)	**30.6**	(8.5)	**21.1**	(9.4)	18.7	(12.1)	**30.8**	(7.5)	**26.8**	(8.5)	17.2	(9.5)	17.6	(12.8)
	Liechtenstein	12.9	(15.7)	-14.9	(18.5)	c	c	c	c	12.9	(15.7)	-6.8	(19.6)	c	c	c	c
	Lithuania	**27.5**	(4.4)	**43.0**	(5.5)	**35.1**	(6.5)	**28.8**	(10.2)	**21.0**	(4.6)	**31.4**	(5.6)	**30.2**	(7.0)	**31.5**	(12.0)
	Macao-China	**17.8**	(3.5)	**9.7**	(4.5)	-1.1	(6.7)	-16.3	(13.2)	**20.2**	(3.6)	**15.8**	(4.7)	**13.7**	(7.0)	0.5	(10.8)
	Montenegro	**21.8**	(4.6)	**33.4**	(4.7)	**44.8**	(6.8)	**19.1**	(7.6)	**11.7**	(5.3)	**19.4**	(5.7)	**29.7**	(7.3)	17.2	(9.2)
	Qatar	**26.7**	(4.7)	**29.4**	(4.9)	**28.8**	(7.8)	-2.7	(8.4)	**26.5**	(5.2)	**26.9**	(5.1)	**17.6**	(8.3)	-6.2	(8.8)
	Romania	**30.9**	(5.4)	**46.9**	(5.8)	**62.6**	(6.7)	**58.9**	(7.6)	**21.2**	(5.8)	**33.7**	(6.5)	**50.3**	(7.8)	**47.5**	(8.6)
	Russian Federation	**13.5**	(6.1)	5.7	(5.8)	7.3	(8.8)	-31.8	(17.8)	7.1	(5.8)	5.0	(5.4)	10.0	(8.7)	-26.9	(17.8)
	Serbia	**18.3**	(3.5)	**18.9**	(4.1)	**13.3**	(5.7)	12.0	(7.7)	**21.7**	(3.5)	**24.8**	(4.2)	**22.2**	(6.4)	**30.2**	(8.6)
	Slovenia	**13.9**	(3.4)	**15.9**	(3.7)	**18.7**	(6.5)	5.2	(10.6)	**13.9**	(3.6)	**17.3**	(3.8)	**17.6**	(7.4)	3.9	(9.4)
	Chinese Taipei	**31.0**	(3.3)	**46.4**	(3.9)	**49.5**	(6.2)	**46.2**	(7.0)	**29.9**	(3.1)	**38.6**	(3.7)	**42.9**	(6.1)	**39.9**	(7.5)
	Thailand	**18.0**	(3.9)	**20.8**	(4.4)	**25.6**	(5.9)	**22.5**	(9.4)	**22.6**	(3.7)	**28.8**	(4.5)	**39.0**	(5.5)	**32.4**	(8.9)
	Tunisia	**20.8**	(4.6)	**14.5**	(5.2)	**19.7**	(7.0)	**20.3**	(7.0)	**14.2**	(4.6)	9.3	(5.1)	**15.0**	(6.8)	**15.8**	(7.9)
	Uruguay	**20.9**	(5.6)	**33.1**	(6.6)	21.5	(14.8)	22.4	(16.8)	11.5	(6.1)	**21.3**	(7.3)	16.5	(14.8)	31.1	(23.3)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

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Quality Time for Students
LEARNING IN AND OUT OF SCHOOL

At a time when OECD and partner countries are trying to figure out how to reduce burgeoning debt and make the most of shrinking public budgets, spending on education is an obvious target for scrutiny. Education officials, teachers, policy makers, parents and students struggle to determine the merits of shorter or longer school days or school years, how much time should be allotted to various subjects, and the usefulness of after-school lessons and independent study.

This report focuses on how students use learning time, both in and out of school. What are the ideal conditions to ensure that students use their learning time efficiently? What can schools do to maximise the learning that occurs during the limited amount of time students spend in class? In what kinds of lessons does learning time reap the most benefits? And how can this be determined?

The report draws on data from the 2006 cycle of the Programme for International Student Assessment (PISA) to describe differences across and within countries in how much time students spend studying different subjects, how much time they spend in different types of learning activities, how they allocate their learning time and how they perform academically.

FURTHER READING

The first results from PISA 2006 were published in *PISA 2006: Science Competencies for Tomorrow's World* (OECD, 2007).

THE OECD PROGRAMME FOR INTERNATIONAL STUDENT ASSESSMENT (PISA)

PISA focuses on young people's ability to use their knowledge and skills to meet real-life challenges. This orientation reflects a change in the goals and objectives of curricula themselves, which are increasingly concerned with what students can do with what they learn at school and not merely with whether they have mastered specific curricular content. PISA's unique features include its:

- *Policy orientation*, which highlights differences in performance patterns and identifies features common to high-performing students, schools and education systems by linking data on learning outcomes with data on student characteristics and other key factors that shape learning in and outside of school.
- *Innovative concept of "literacy"*, which refers both to students' capacity to apply knowledge and skills in key subject areas and to their ability to analyse, reason and communicate effectively as they pose, interpret and solve problems in a variety of situations.
- *Relevance to lifelong learning*, which goes beyond assessing students' competencies in school subjects by asking them to report on their motivation to learn, their beliefs about themselves and their learning strategies.
- *Regularity*, which enables countries to monitor their progress in meeting key learning objectives.
- *Breadth of geographical coverage and collaborative nature*, which, in PISA 2009, encompasses the 34 OECD member countries and 41 partner countries and economies.

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