

RUSSIAN FEDERATION

The PISA 2015 assessment of financial literacy was the second of its kind. The results show the extent to which 15-year-old students have the financial knowledge and skills needed to make a successful transition from compulsory schooling into higher education, employment or entrepreneurship. For many 15-year-olds, finance is part of everyday life, as they are already consumers of financial services, such as bank accounts, and earn money from formal or informal small jobs. As they near the end of compulsory education, students will face complex and challenging financial choices, including whether to continue with formal education and, if so, how to finance such study.

The Russian Federation's performance in financial literacy is above the average of the 10 OECD countries and economies that participated in the assessment [Figure IV.3.2].

Some 11% of students in the Russian Federation (hereafter "Russia") do not reach the baseline level of proficiency (Level 2) in financial literacy (compared to 22% of students in the United States and 13% in the participating Canadian provinces, for instance) [Table IV.3.2]. At best, these students can identify common financial products and terms, recognise the difference between needs and wants, and make simple decisions on everyday spending in contexts that they are likely to have experienced personally. For example, students performing below Level 2 in financial literacy can, at best, answer a question like INVOICE – Question 1 (available at <http://www.oecd.org/pisa/test>), which asks them to recognise the purpose of an everyday financial document, such as an invoice.

Some 11% of students in Russia are top performers in financial literacy [Table IV.3.2], meaning that they are proficient at Level 5 (compared to 4% in Lithuania, 10% in the United States and 22% in the participating Canadian provinces, for instance). These students can analyse complex financial products, solve non-routine financial problems and show an understanding of the wider financial landscape. For example, students performing at Level 5 can answer a question like BANK ERROR – Question 1 (available at <http://www.oecd.org/pisa/test>), which asks them to identify and respond appropriately to a financial scam e-mail message.

In Russia, students perform better in financial literacy than students around the world who perform similarly in mathematics and reading [Table IV.3.11].

Socio-economically advantaged students in Russia score 46 points higher than disadvantaged students (OECD average difference: 89 score points) [Table IV.4.11]. Students who attend schools in cities perform better in financial literacy by 18 score points than students of similar socio-economic status and at the same level of education who attend schools in rural areas [Table IV.4.15].

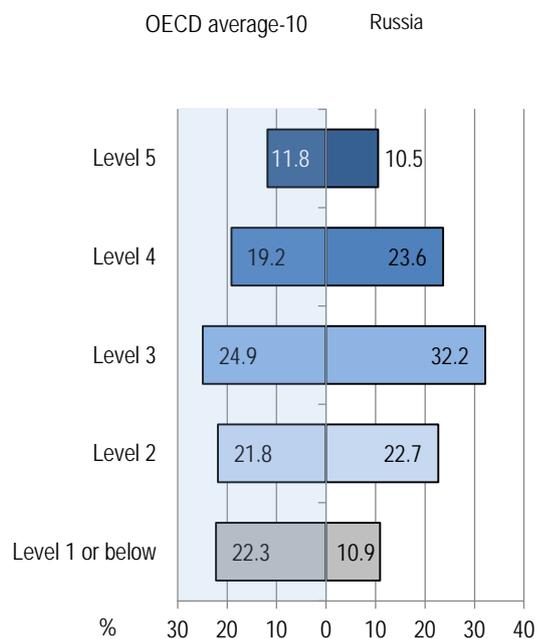
In Russia, boys and girls score at the same level in financial literacy, on average [Table IV.4.5], but there are more boys than girls among low performers [Tables IV.4.5 and IV.4.7].

PISA defines financial literacy as “...knowledge and understanding of financial concepts and risks, and the skills, motivation and confidence to apply such knowledge and understanding in order to make effective decisions across a range of financial contexts, to improve the financial well-being of individuals and society, and to enable participation in economic life”.

For a full explanation, see the [PISA 2015 Assessment and Analytical Framework](#).

Performance in financial literacy

Students at each level of proficiency in financial literacy



Source: OECD, PISA 2015 Database, Table IV.3.2.

	Mean performance in financial literacy			
	Mean score	Range of ranks	Percentage of students Below Level 2	Level 5
OECD avg-10	489		22.3	11.8
B-S-J-G (China)	566	1 - 1	9.4	33.4
Belgium (Flemish)	541	2 - 3	12.0	24.0
Canadian provinces	533	2 - 3	12.7	21.8
Russia	512	4 - 5	10.9	10.5
Netherlands	509	4 - 6	19.2	17.5
Australia	504	5 - 6	19.7	15.4
United States	487	7 - 9	21.6	10.2
Poland	485	7 - 9	20.1	8.0
Italy	483	7 - 9	19.8	6.5
Spain	469	10 - 10	24.7	5.6
Lithuania	449	11 - 12	31.5	3.7
Slovak Republic	445	11 - 12	34.7	6.3
Chile	432	13 - 13	38.1	3.1
Peru	403	14 - 14	48.2	1.2
Brazil	393	15 - 15	53.3	2.6

Source: OECD, PISA 2015 Database, Figure IV.3.3 and Table IV.3.2.

Notes: Partner countries and economies are marked in blue.

"Canadian provinces" refers to the seven provinces in Canada that participated in the PISA 2015 financial literacy assessment: British Columbia, Manitoba, New Brunswick, Newfoundland and Labrador, Nova Scotia, Ontario and Prince Edward Island.

B-S-J-G (China) refers to the four PISA-participating China provinces and municipalities: Beijing, Shanghai, Jiangsu and Guangdong.

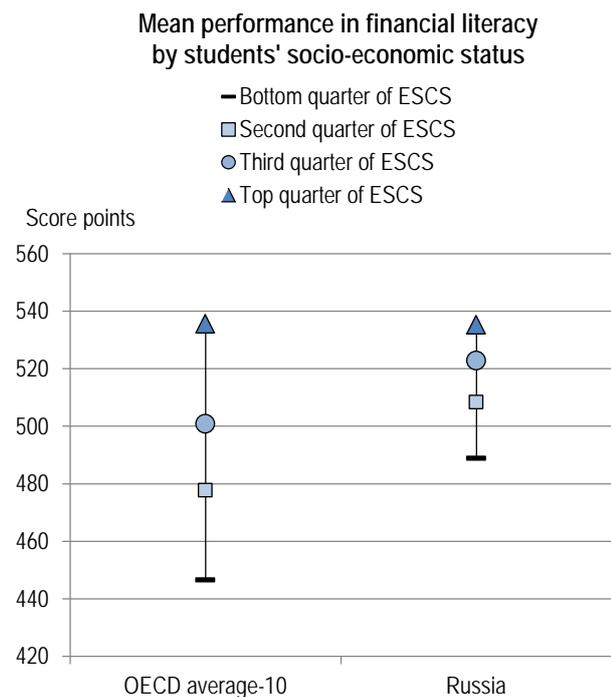
Countries and economies are ranked in descending order of mean score.

- Students in Russia score above the average of the 10 OECD countries and economies that were assessed in financial literacy in 2015 [Figure IV.3.2]. With a mean score of 512 points, Russia ranks between 4th and 5th among all 15 participating countries and economies [Figure IV.3.3].
- Average performance in Russia in 2015 is not significantly different from average performance in the Netherlands [Figure IV.3.2].
- Russia improved in mean performance between 2012 and 2015 (with a mean score of 486 in 2012) [Table IV.3.1]. In the same period, the share of students performing at Level 5 in Russia increased by 6 percentage points, and the share of students performing below Level 2 decreased by 6 percentage points [Table IV.3.6].
- However, changes in financial literacy performance over time should be interpreted with caution due to changes in test administration between 2012 and 2015 in all participating countries and economies.

Student performance in financial literacy in comparison with performance in reading and mathematics

- In Russia, financial literacy is relatively weakly correlated with mathematics and reading performance. Around 45% of the financial literacy score reflects skills that can be measured in mathematics and/or reading assessments (the OECD average is 62%), while 65% of the score reflects factors that are uniquely captured by the financial literacy assessment [Table IV.3.10a].
- Students in Russia perform better in financial literacy than students around the world who perform similarly in mathematics and reading [Table IV.3.11]. This suggests that the skills measured by the financial literacy assessment may go beyond the ability to use the knowledge that students acquired from subjects taught in compulsory education.

How performance varies across student characteristics



Note: ESCS refers to the PISA index of economic, social and cultural status.
Source: OECD, PISA 2015 Database, Table IV.4.11.

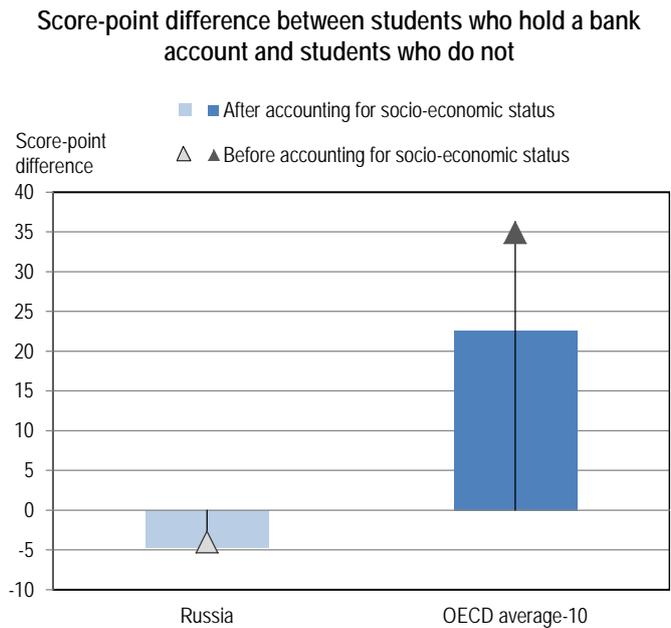
- In Russia, boys and girls score at the same level in financial literacy, on average [Table IV.4.5], but there are more boys than girls among low performers [Table IV.4.7].
 - Socio-economically advantaged students (those in the highest 25% of socio-economic status) score 46 points higher than disadvantaged students (those in the lowest 25% of socio-economic status) (OECD average difference: 89 score points) [Table IV.4.11].
 - Disadvantaged students are as likely as advantaged students to perform below Level 2 in financial literacy, after accounting for student characteristics and performance in mathematics and reading [Table IV.4.25a].
 - Some 7% of students who participated in the 2015 financial literacy assessment in Russia are foreign-born or have foreign-born parents [Table IV.4.17]. There is no significant difference in financial literacy performance between immigrant and non-immigrant students in Russia [Table IV.4.18].
- In Russia, students who attend schools in cities perform better in financial literacy by 18 score points than students of similar socio-economic status and at the same level of education who attend schools in rural areas [Table IV.4.15].

Formal financial education

- Some financial literacy topics are taught in Russian schools as part of social science in lower secondary education, and in social studies and/or economics in upper secondary schools.
- The ministry of finance has been running a pilot programme since 2011 – as part of the national strategy for financial education – in order to deepen and expand students' exposure to financial literacy. The pilot programme involves defining a learning framework on core financial competencies, developing teaching material, training teachers, and setting up specific initiatives in selected schools. In 2016, textbooks and teaching materials were evaluated in five regions, with the aim of scaling up the programme to reach the entire nation.

Students' experience with money and their financial literacy

- In Russia, 28% of 15-year-old students have a bank account and 38% have a prepaid debit card [Tables IV.5.8 and IV.5.9].
- Holding a basic financial product is in line with the level of access to financial products and services in the population more generally (54% of 15-24 year-olds and 74% of 25-64 year-olds have an account at a formal financial institution) [Table IV.3.12].
- Students in Russia who hold a bank account score similarly to students who do not, and students who hold a prepaid debit card score similarly to students who do not [Tables IV.5.13 and IV.5.14].
- In Russia, advantaged and disadvantaged students are equally likely to hold a bank account [Table IV.5.11].



Note: Statistically significant differences are marked in a darker colour.
Source: OECD, PISA 2015 Database, Figure IV.5.5.

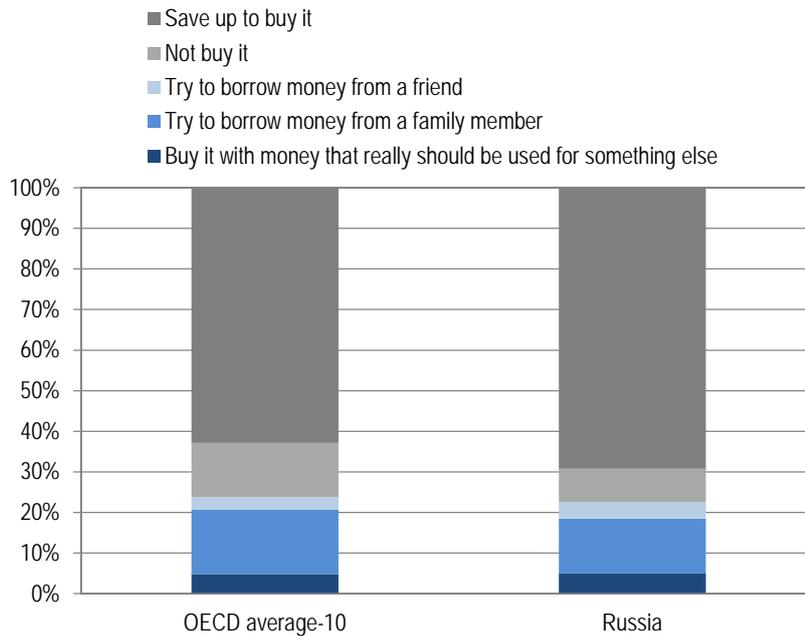
- Some 88% of students in Russia receive gifts of money from friends or relatives, 62% receive pocket money, 51% earn money from working outside school hours (e.g. a holiday job, part-time work), and 25% earn money from occasional informal jobs, such as babysitting or gardening [Table IV.5.15].
- Across all participating countries and economies, only students performing at Level 4 or above can answer a question like **PAY SLIP** – Question 1 (available at <http://www.oecd.org/pisa/test>), which asks them to identify the net salary on a pay slip.
- More than eight in ten students in Russia (85%) discuss money matters with their parents at least once a month or more frequently [Table IV.5.1]. In Russia, discussing money matters with parents at least sometimes is associated with higher financial literacy than never discussing the subject, after accounting for students' socio-economic status [Table IV.5.5].

Legal framework for young people's access to financial products

- In Russia, minors may open and operate current and savings accounts, as well as prepaid cards or debit cards, with the consent of parents or caregivers.

Students' financial literacy and behaviour

If you don't have enough money to buy something you really want (e.g. an item of clothing, sports equipment) what are you most likely to do?



Source: OECD, PISA 2015 Database, Figure IV.6.1.

In Russia, 69% of students reported that they would save if they want to buy something for which they do not have enough money (OECD average: 63%) [Table IV.6.1].

- Some 36% of students in Russia reported that they save each week or month, 20% save only when they have money to spare, and 30% save only when they want to buy something. Some 10% of students reported that they do not save any money, more than in all other participating countries and economies [Table IV.6.4].

What results from the PISA 2015 financial literacy assessment imply for policy

From buying mobile phone credit to deciding how to spend pocket money, young people commonly take financial decisions. Fifteen-year-olds are starting to encounter situations where they need to set their spending priorities, be aware of ongoing costs, and be alert to potential scams. They will soon have to take decisions with long-term financial consequences.

The PISA 2015 financial literacy assessment highlights some general policy suggestions for all the countries and economies participating in PISA, including:

- Address the needs of low-performing students.
- Tackle socio-economic inequalities early on.
- Provide equal opportunities for learning to boys and girls.
- Help students make the most of available learning opportunities at school.
- Target parents at the same time as young people.
- Provide young people with safe opportunities to learn by experience outside of school.
- Evaluate the impact of initiatives in and outside of school.

What is PISA?

The Programme for International Student Assessment (PISA) is a triennial survey that assesses the readiness of 15-year-old students for life beyond compulsory education by collecting and analysing test and questionnaire data about students' knowledge, skills and the context in which they live and learn. It thus provides a comprehensive set of cross-country comparative data that policy makers and other stakeholders can use to make evidence-based decisions.

Key features of the PISA 2015 assessment of financial literacy

The PISA 2015 assessment of financial literacy was the second of its kind. Fifteen countries and economies participated in the 2015 assessment, including 10 OECD countries and economies: Australia, the Flemish Community of Belgium, seven provinces in Canada (British Columbia, Manitoba, New Brunswick, Newfoundland and Labrador, Nova Scotia, Ontario and Prince Edward Island), Chile, Italy, the Netherlands, Poland, the Slovak Republic, Spain and the United States; and five partner countries and economies: Brazil, four provinces/municipalities in China (Beijing, Shanghai, Jiangsu, Guangdong), Lithuania, Peru and the Russian Federation. Eight countries/economies participated in both the 2012 and 2015 assessments: Australia, the Flemish Community of Belgium, Italy, Poland, the Russian Federation, the Slovak Republic, Spain and the United States.

The assessment

- Financial literacy was assessed through a computer-based test. Students assessed in financial literacy also completed the assessments of mathematics, reading and science.
- Test questions were a mixture of multiple-choice questions and those requiring students to construct their own responses. The items were organised into groups based on a passage setting out a real-life situation. Sample items can be explored on line at <http://www.oecd.org/pisa/test>.
- Students who sat the assessment of financial literacy also answered questions about their experience with money, as well as the PISA student questionnaire about themselves, their homes, and their school and learning experiences. School principals completed a questionnaire that covered the school system and the learning environment.

The students

- Among the students who participated in the core PISA 2015 assessment of science, reading and mathematics, a subsample of students was randomly selected to sit the financial literacy test. In general, about 11 students were chosen at random in each participating school to sit the financial literacy assessment; the financial literacy assessment was conducted in a separate session after the core assessment. This is different from the sample design adopted in 2012, when, in sampled schools, two separate student samples sat the financial literacy test and the core PISA assessment.
- Around 48 000 students were assessed in financial literacy in 2015, representing about 12 million 15-year-olds in the schools of the 15 participating countries and economies.
- In the Russian Federation, 6 036 students completed the PISA 2015 assessment; of these, 1 558 students were assessed in financial literacy.

This work is published under the responsibility of the Secretary-General of the OECD. The opinions expressed and arguments employed herein do not necessarily reflect the official views of OECD member countries.
This document and any map included herein are without prejudice to the status of or sovereignty over any territory, to the delimitation of international frontiers and boundaries and to the name of any territory, city or area.

Contacts:

Andreas Schleicher
Director
Directorate for Education and Skills

Andreas.SCHLEICHER@oecd.org
Telephone: +33 6 07 38 54 64

Flore-Anne Messy
Head of the Financial Affairs Division
Directorate for Financial and Enterprise
Affairs

Flore-Anne.MESSY@oecd.org
Telephone: +33 1 45 24 96 56



For more information on PISA and to access the full set of PISA 2015 results, visit: www.oecd.org/pisa
For more information on the OECD work on financial education, visit: www.financial-education.org