



REPUBLIC OF ESTONIA
MINISTRY OF EDUCATION
AND RESEARCH

Challenges for Estonian education system according to PISA

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Compared with other countries ...

Estonian 15-year olds or basic school students:

- Have good knowledge and skills in Reading, Math and Science
- Are good at problem solving and financial skills

Estonia is among countries with an education system that provides equal opportunities for its students. More than a third of the students with a low socioeconomic background are among the best performers.



Main lessons for Estonia (1)

- Ability of the education system to care for development and potential of every child
- Most students have reached the baseline level of proficiency in all domains



Main lessons for Estonia (2)

- A need to increase the amount of top performers or future leaders (proficiency levels 5 and 6):

Ranking according to top performers among participating countries:

- Reading: 24th
- Math: 18th
- Science: 8th

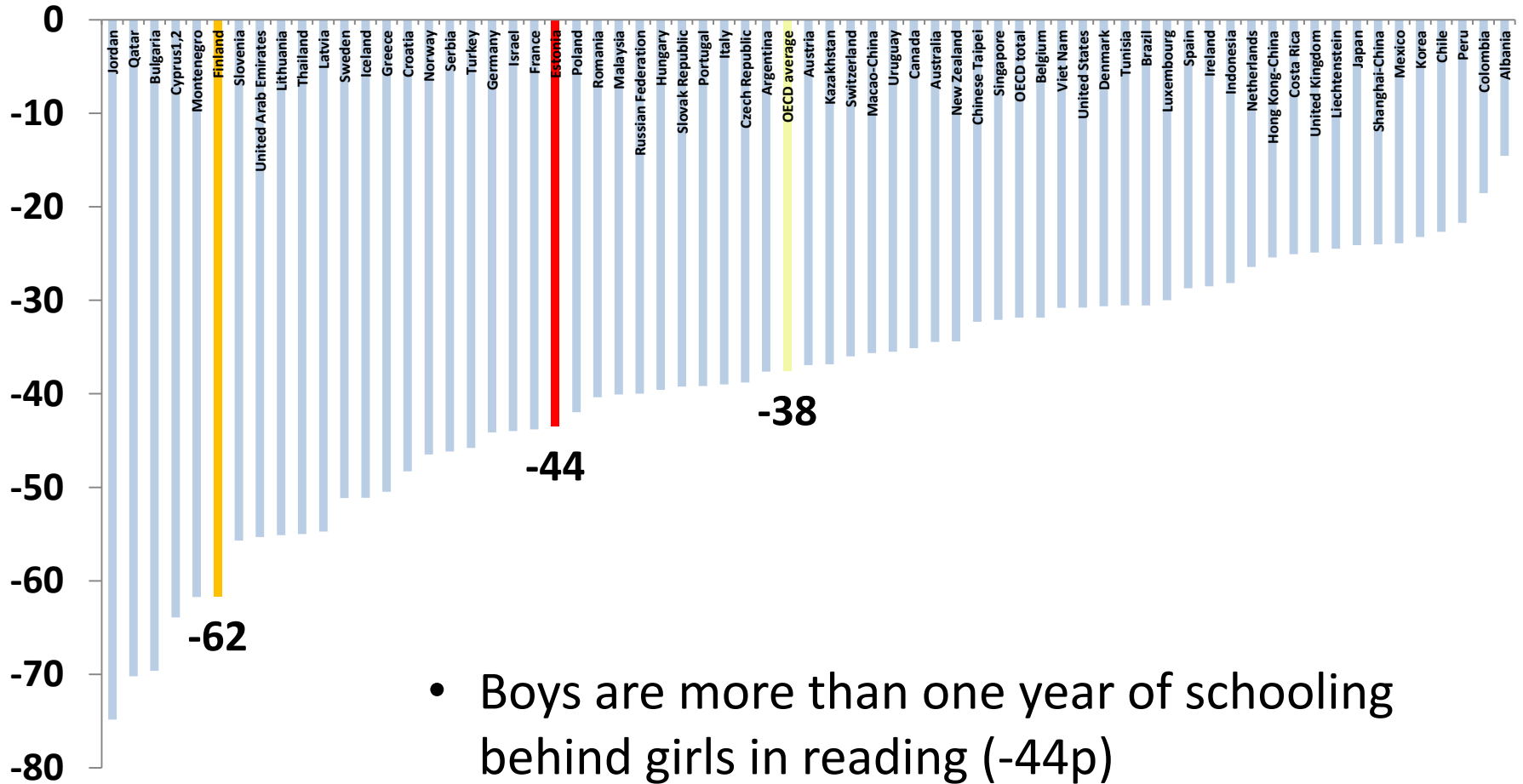


Performance gap between students of Estonian and Russian medium schools

- Students from schools with Russian language of instruction perform weaker than Estonian language schools (1 school year).
- Positive trend: the performance gap between two groups has significantly decreased since PISA 2006



Gender gap in reading performance is bigger than OECD average

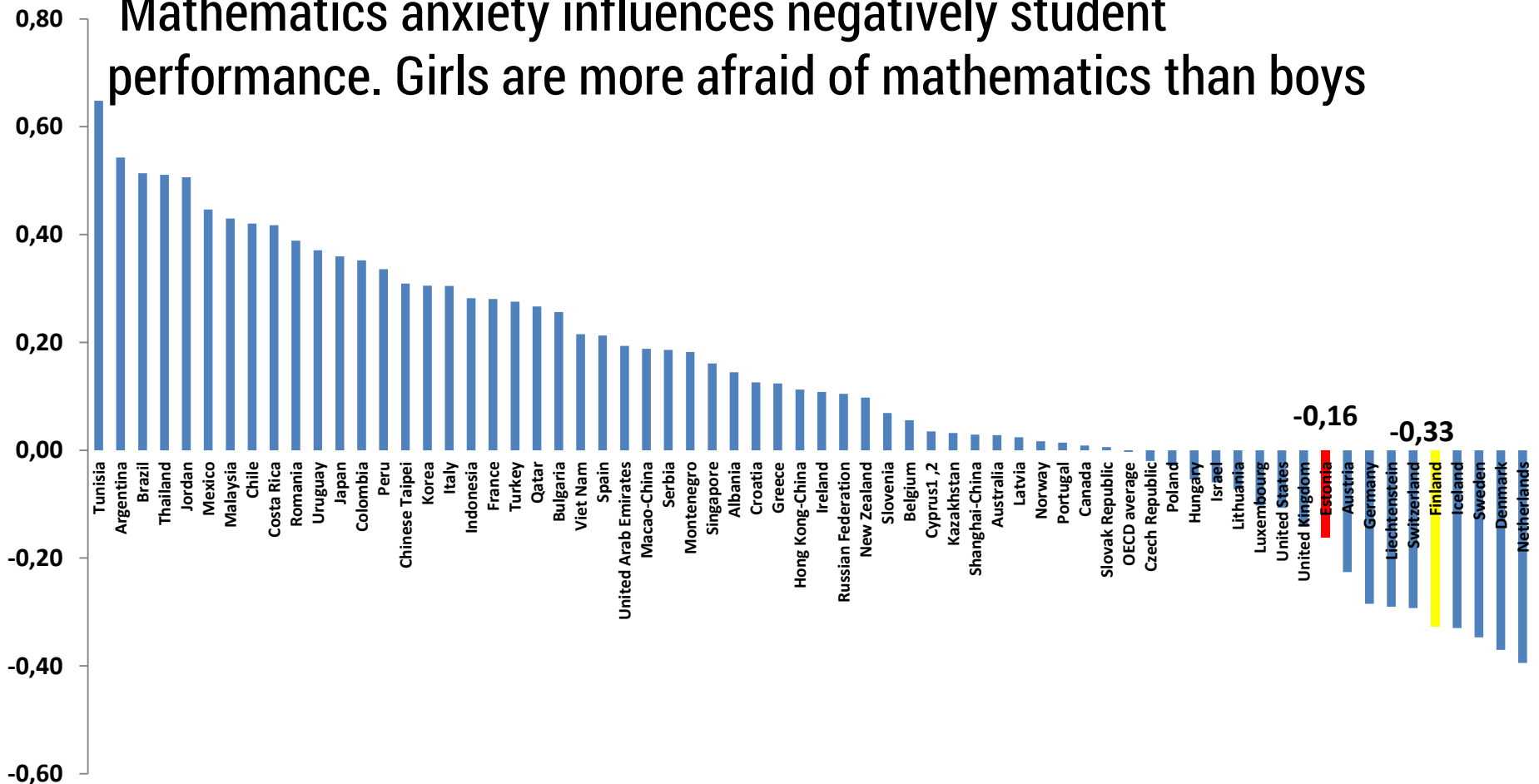


- Boys are more than one year of schooling behind girls in reading (-44p)

Mathematics anxiety

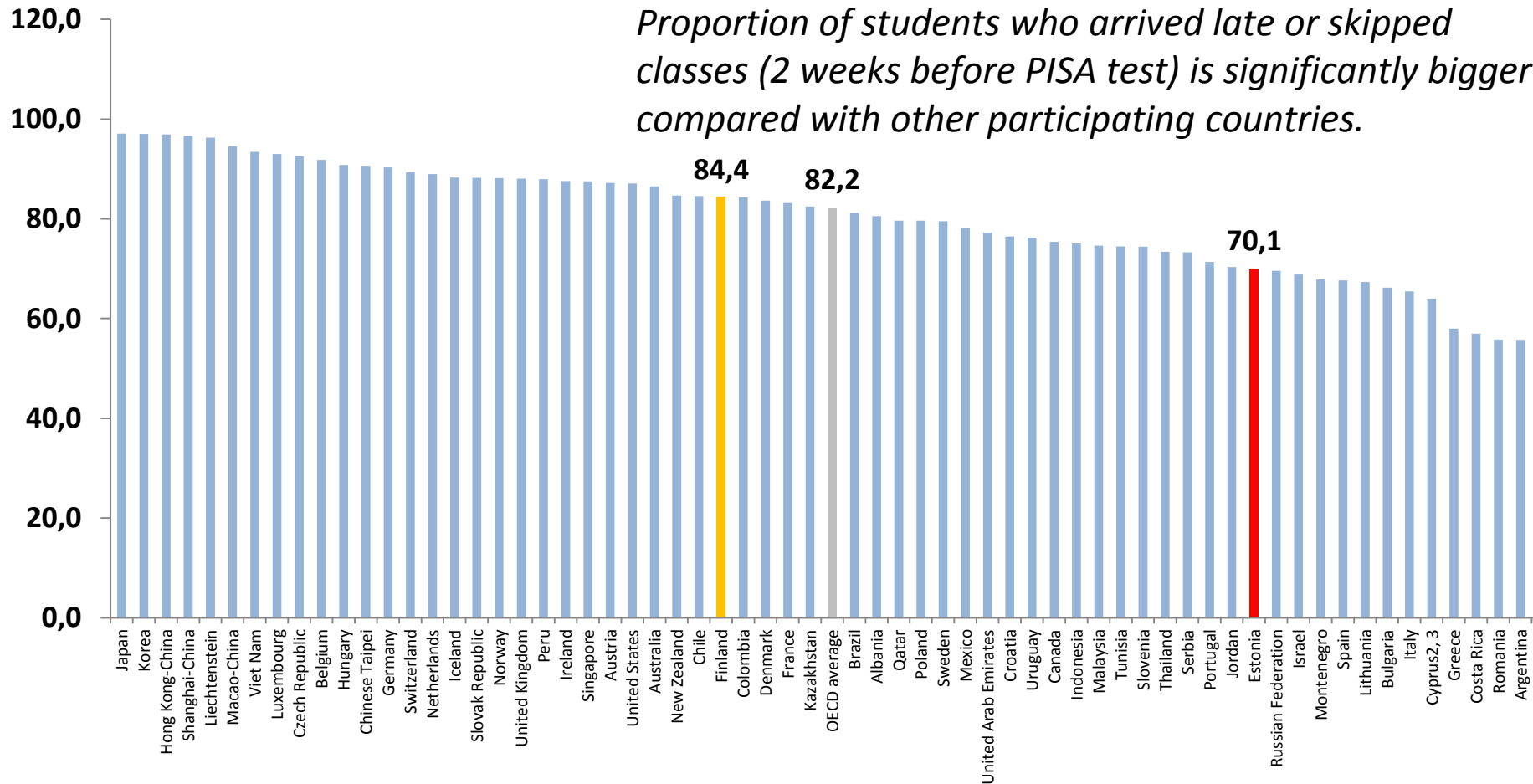
Index of mathematics anxiety

Mathematics anxiety influences negatively student performance. Girls are more afraid of mathematics than boys

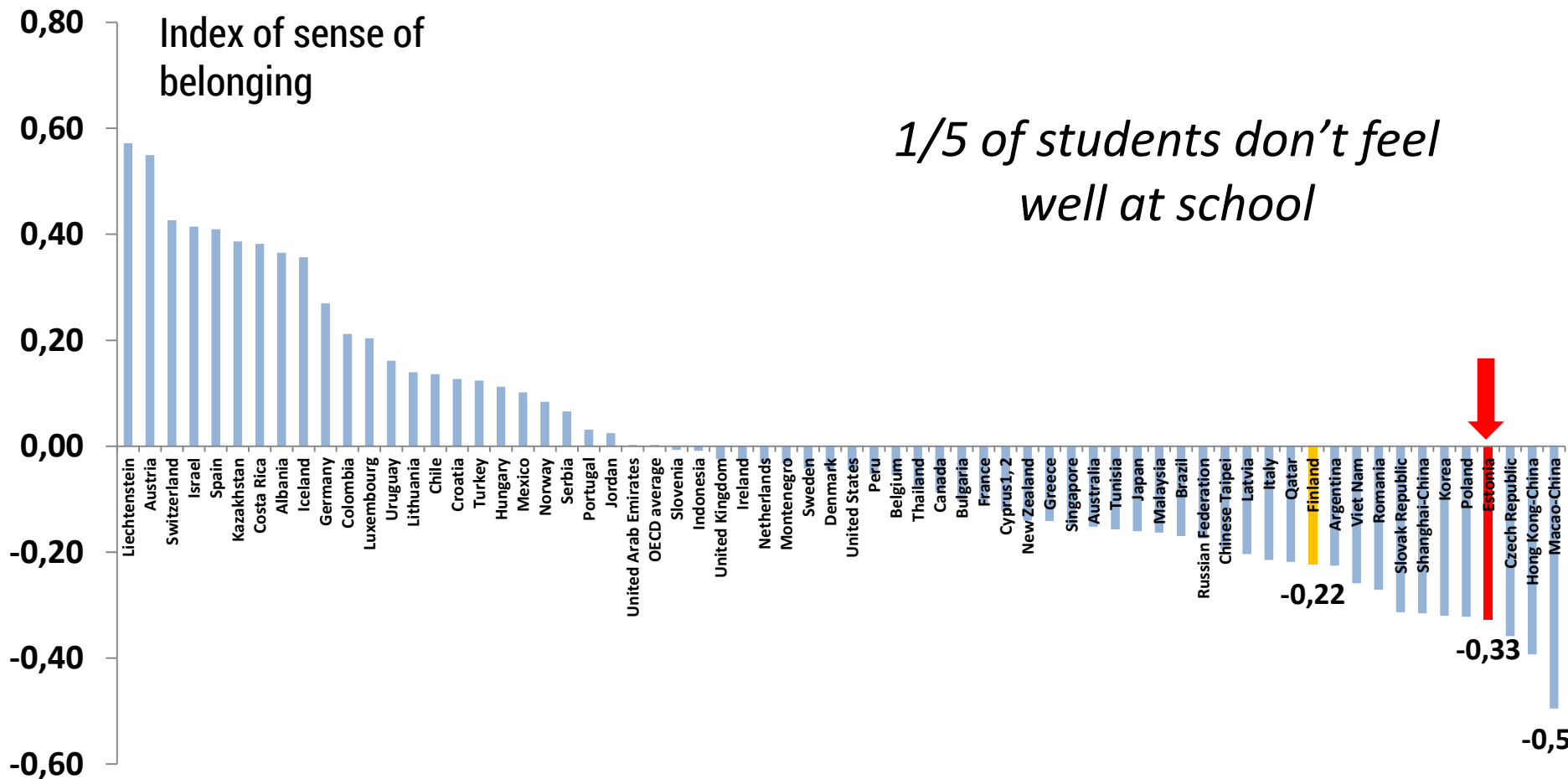


Skipping classes

Percentage of students who don't skip classes



Students' sense of belonging





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Aitäh!
Thank you!

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