

The Quality of Education in Latvian Schools in International Comparison (OECD PISA 2012)



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Comparing countries' performance in mathematics (PISA 2012)

Country	Mean score	S.E.	Country	Mean score	S.E.	Country	Mean score	S.E.
<i>Shanghai-China</i>	613	(3,3)	Germany	514	(2,9)	Norway	489	(2,7)
<i>Singapore</i>	573	(1,3)	Vietnam	511	(4,8)	Portugal	487	(3,8)
<i>Hong Kong-China</i>	561	(3,2)	Austria	506	(2,7)	Italy	485	(2,0)
<i>Chinese Taipei</i>	560	(3,3)	Australia	504	(1,6)	Spain	484	(1,9)
Korea	554	(4,6)	Ireland	501	(2,2)	<i>Russian Federation</i>	482	(3,0)
<i>Macao-China</i>	538	(1,0)	Slovenia	501	(1,2)	Slovak Republic	482	(3,4)
Japan	536	(3,6)	Denmark	500	(2,3)	United States	481	(3,6)
<i>Liechtenstein</i>	535	(4,0)	New Zealand	500	(2,2)	Lithuania	479	(2,6)
Switzerland	531	(3,0)	Czech Republic	499	(2,9)	Sweden	478	(2,3)
Netherlands	523	(3,5)	France	495	(2,5)	Hungary	477	(3,2)
Estonia	521	(2,0)	OECD average	494	-0,5	Croatia	471	(3,5)
Finland	519	(1,9)	United Kingdom	494	(3,3)	Israel	466	(4,7)
Canada	518	(1,8)	Iceland	493	(1,7)	Greece	453	(2,5)
Poland	518	(3,6)	Latvia	491	(2,8)	Serbia	449	(3,4)
Belgium	515	(2,1)	Luxembourg	490	(1,1)	Turkey	448	(4,8)



OECD countries

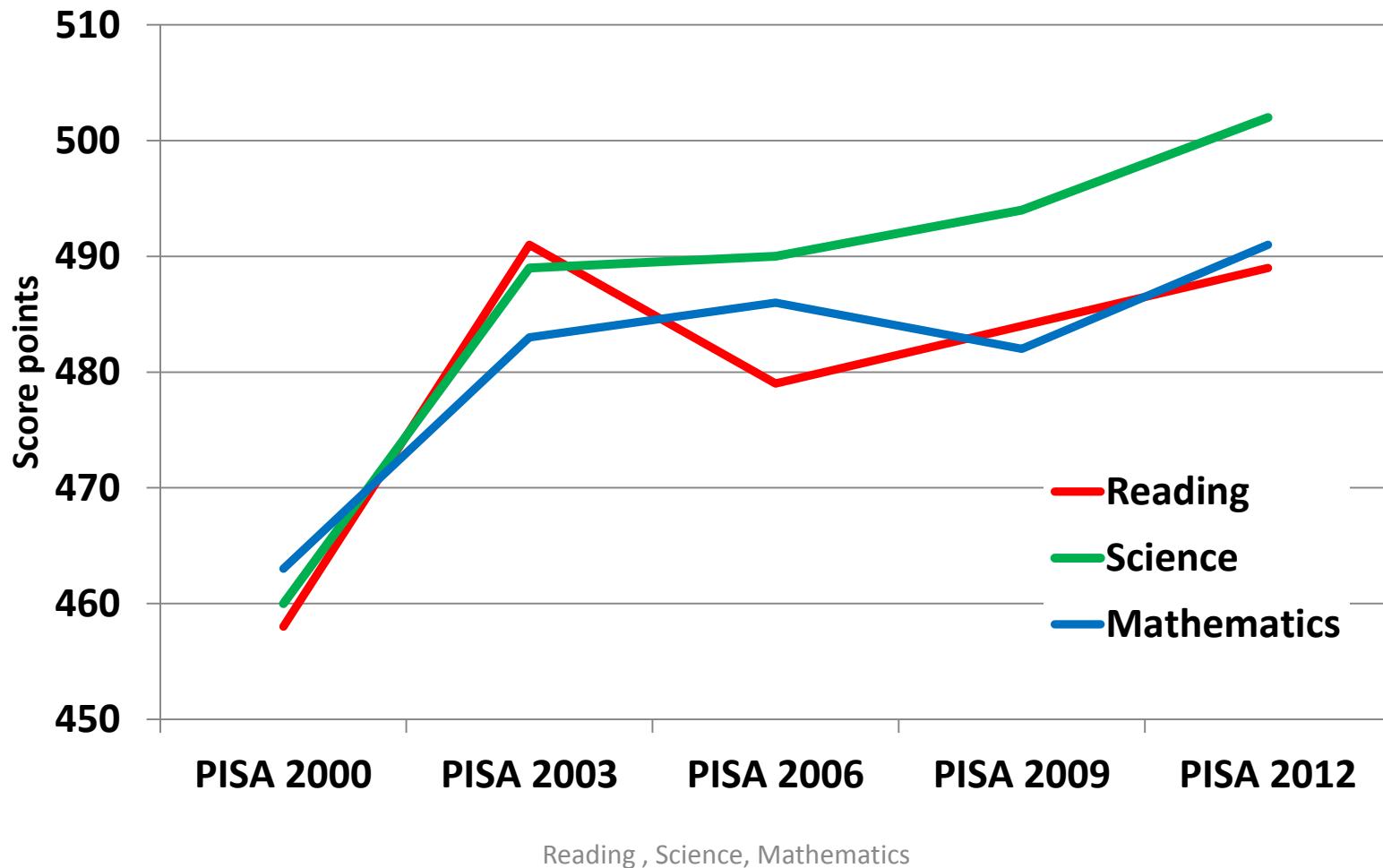


Partner countries

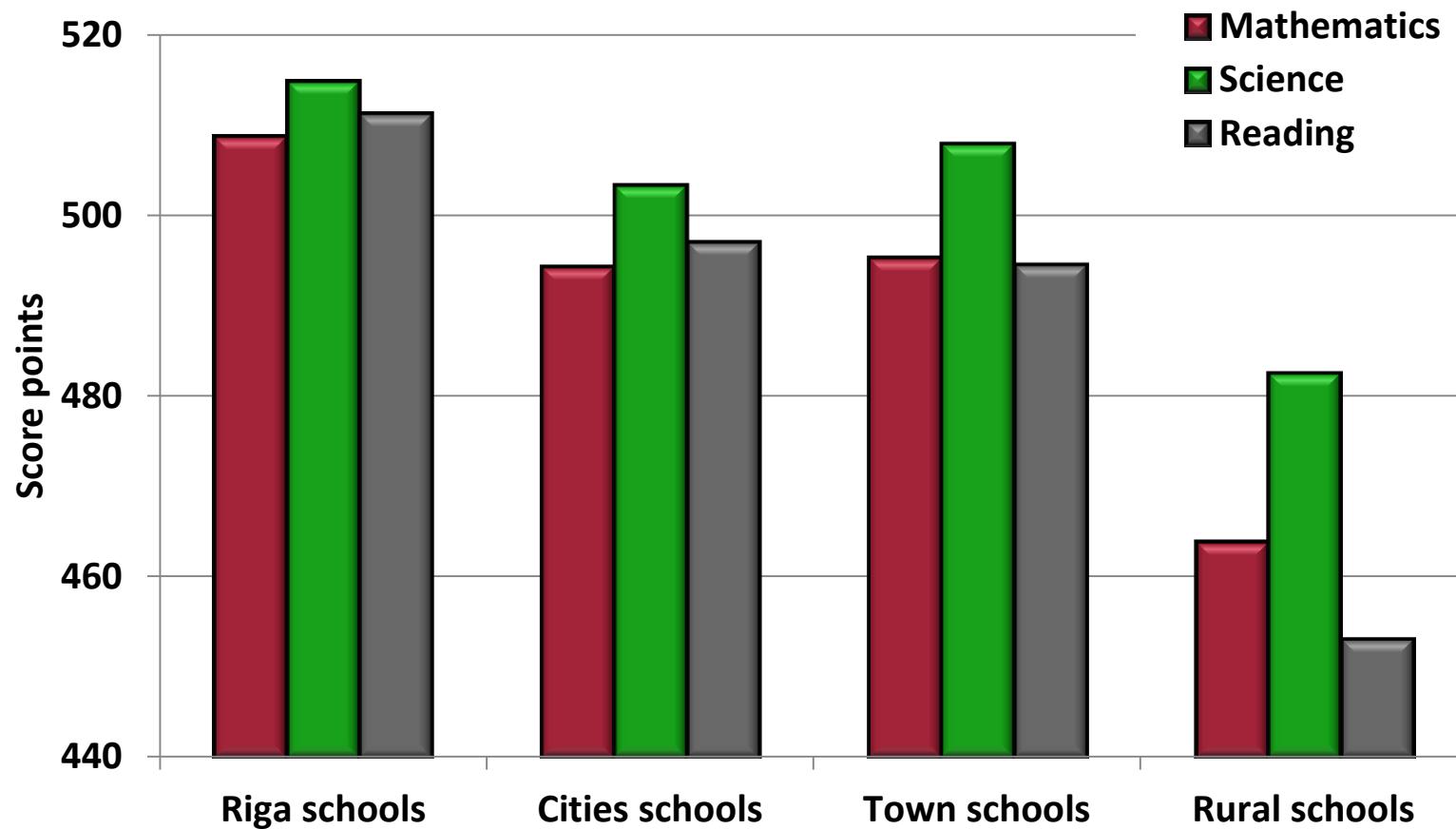
Mean performance of OECD and EU 25 countries and of Latvia in PISA 2012

Fields	OECD mean score	EU 25 mean score	Latvia mean score	Difference OECD - Latvia
Reading	496	491	489	-7
Science	501	500	502	+1
Mathematics	494	492	491	-3

Mean performance of Latvia in science, math and reading in PISA 2000 through 2012

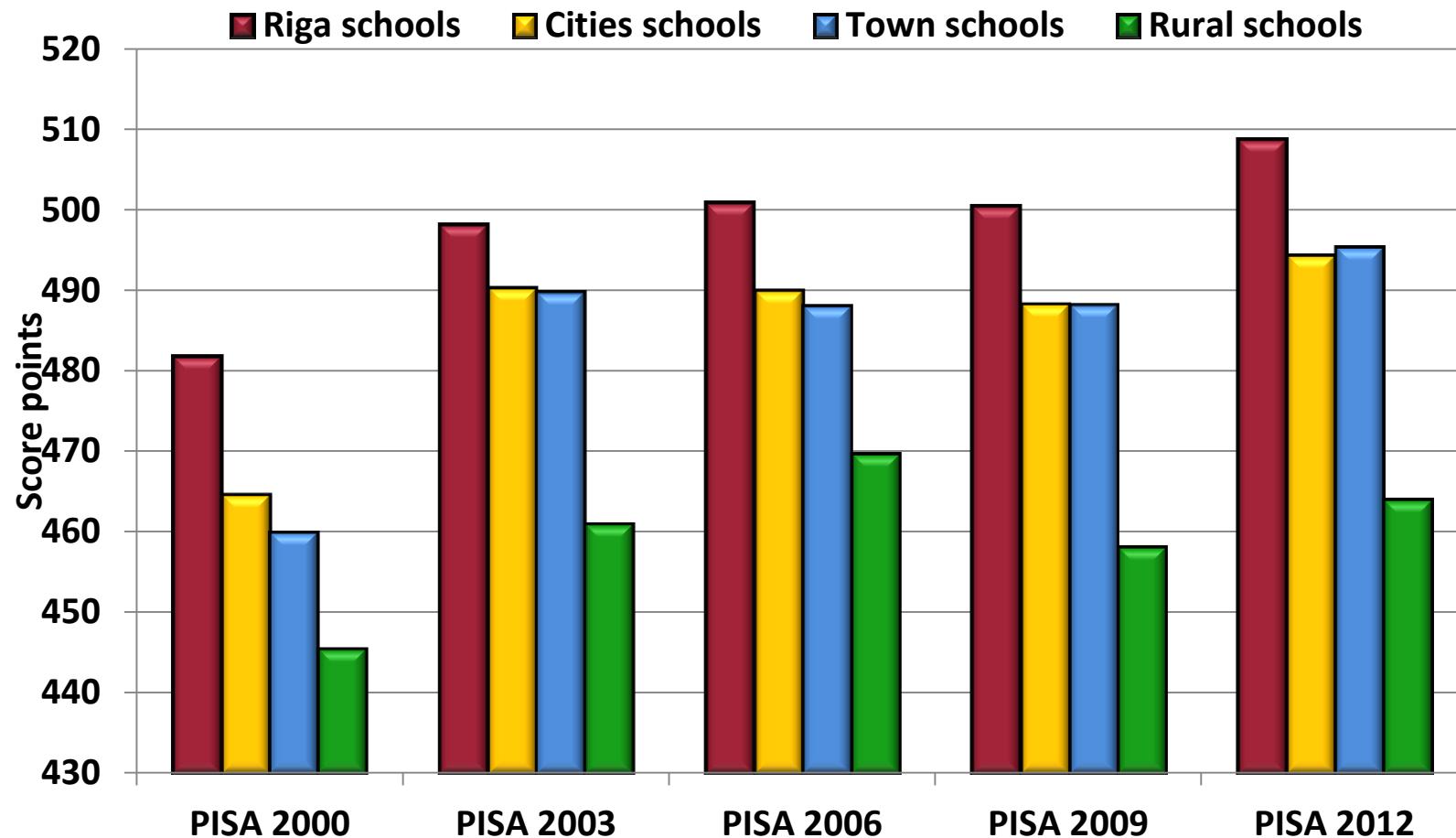


Performance of Latvia's students in PISA 2012, by field and school location

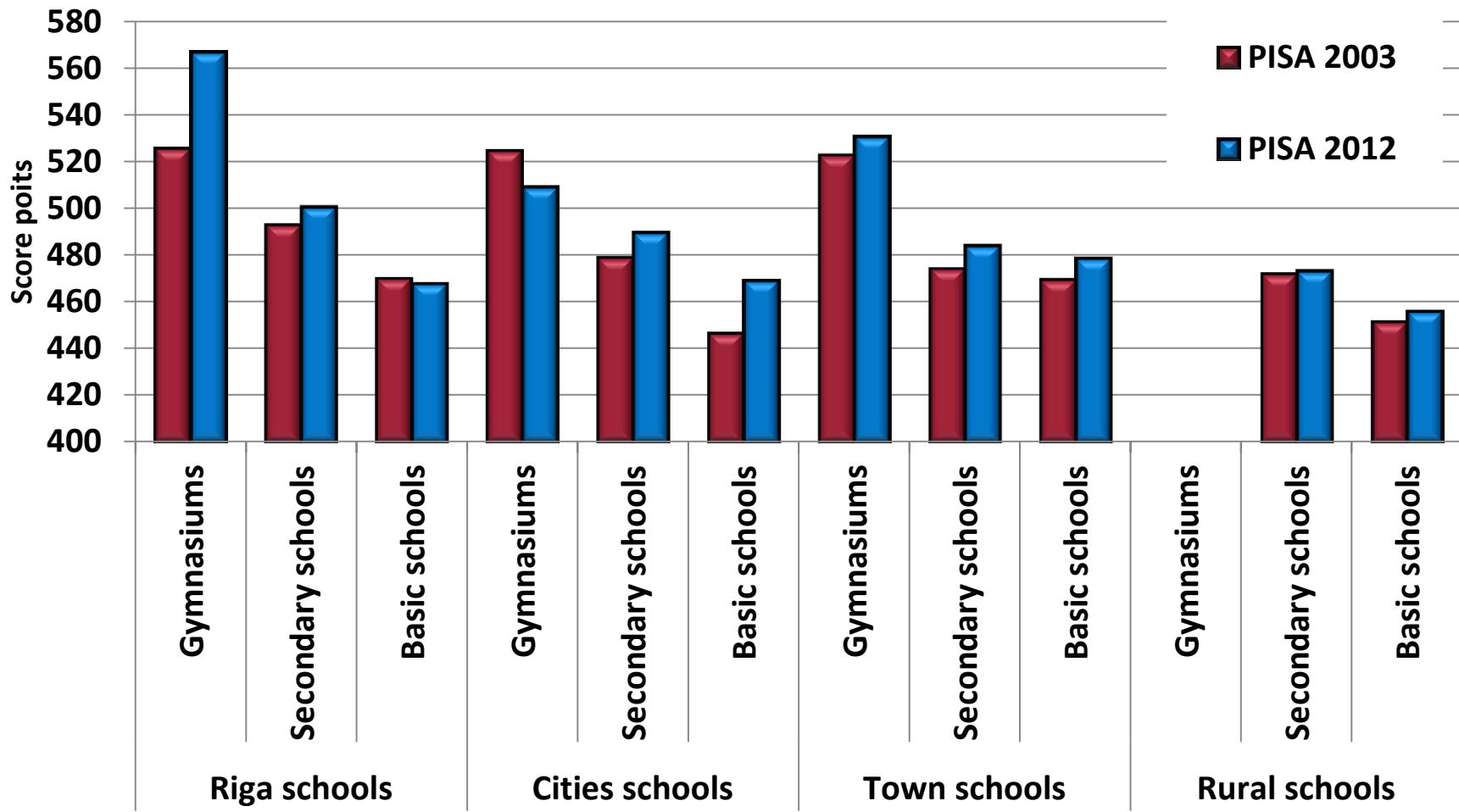


Riga, large cities, towns, rural schools

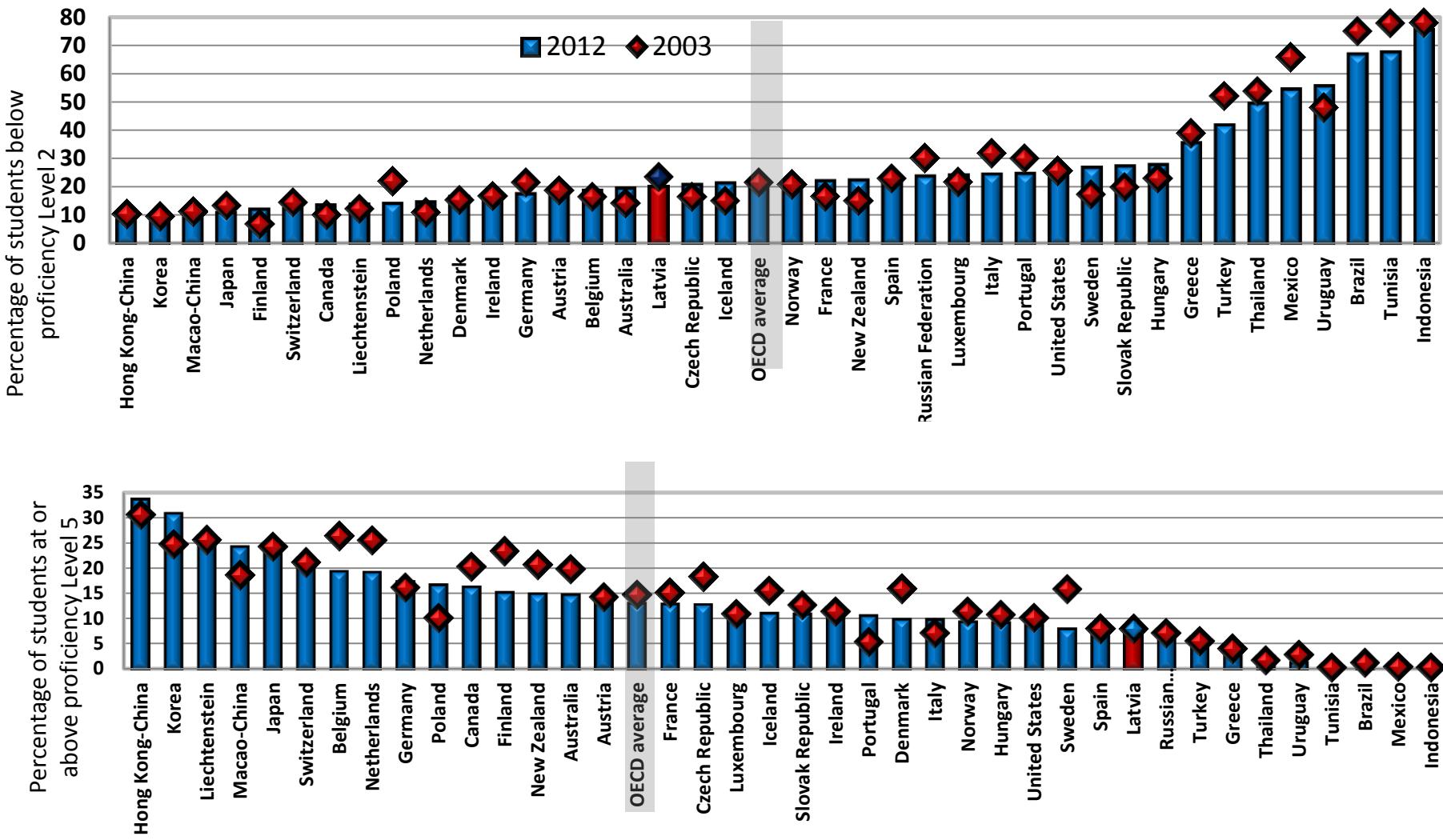
Performance of Latvia's students in mathematics in PISA 2000 through 2012, by school location



Performance of Latvia's students in mathematics in PISA 2003 and 2012 , by school type and school location



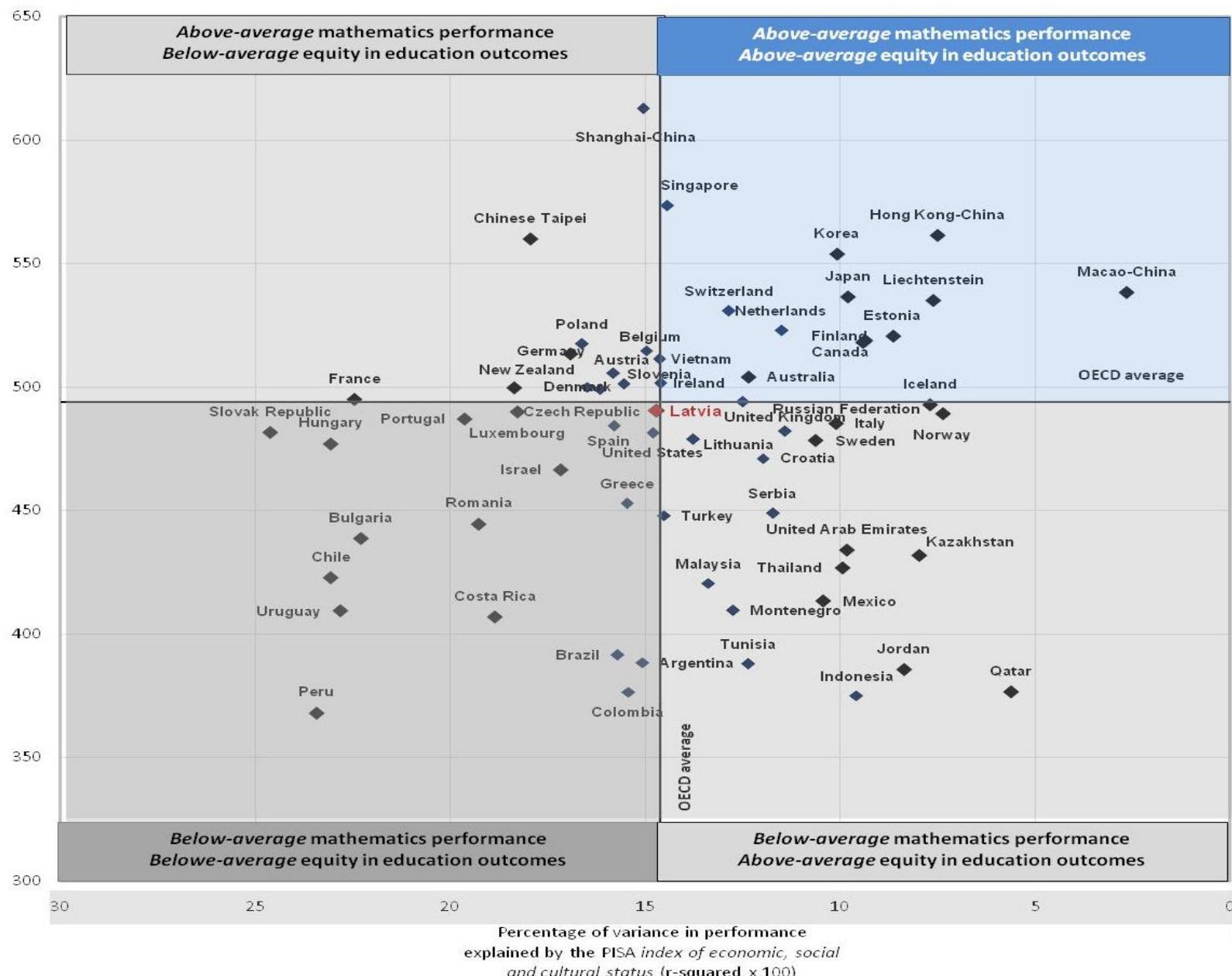
Percentage of low-performing students and percentage of top performers in mathematics in 2003 and 2012



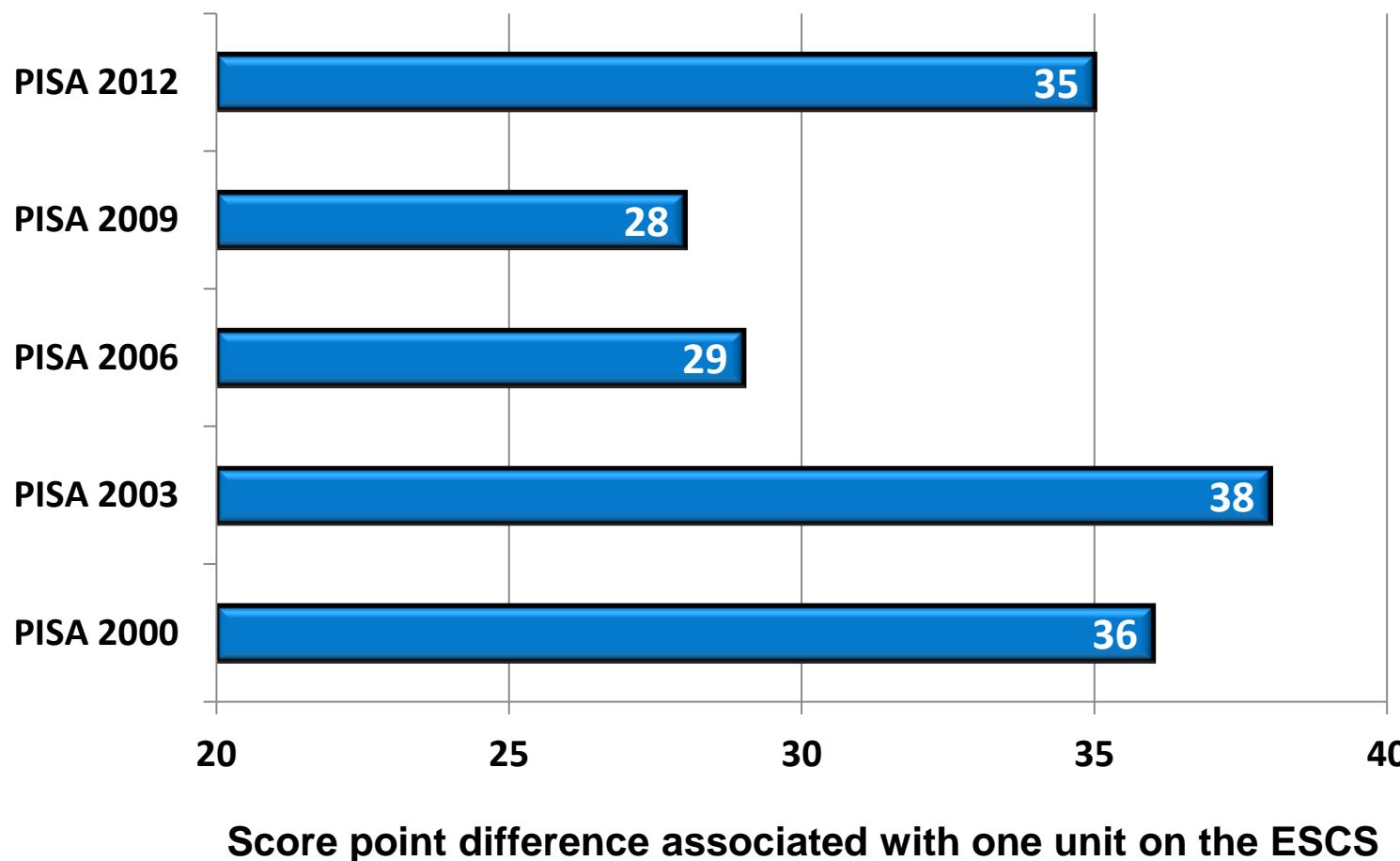
Average performance of boys and girls and gender differences for Latvia in PISA 2012

	Performance of boys		Performance of girls		Difference (boys-girls)	
	Score	S.E.	Score	S.E.	Score	S.E.
Mathematics	489	3,4	493	3,2	- 4	3,6
Science	495	3,6	510	2,8	- 15	3,6
Reading	461	3,3	516	2,7	- 55	4,0

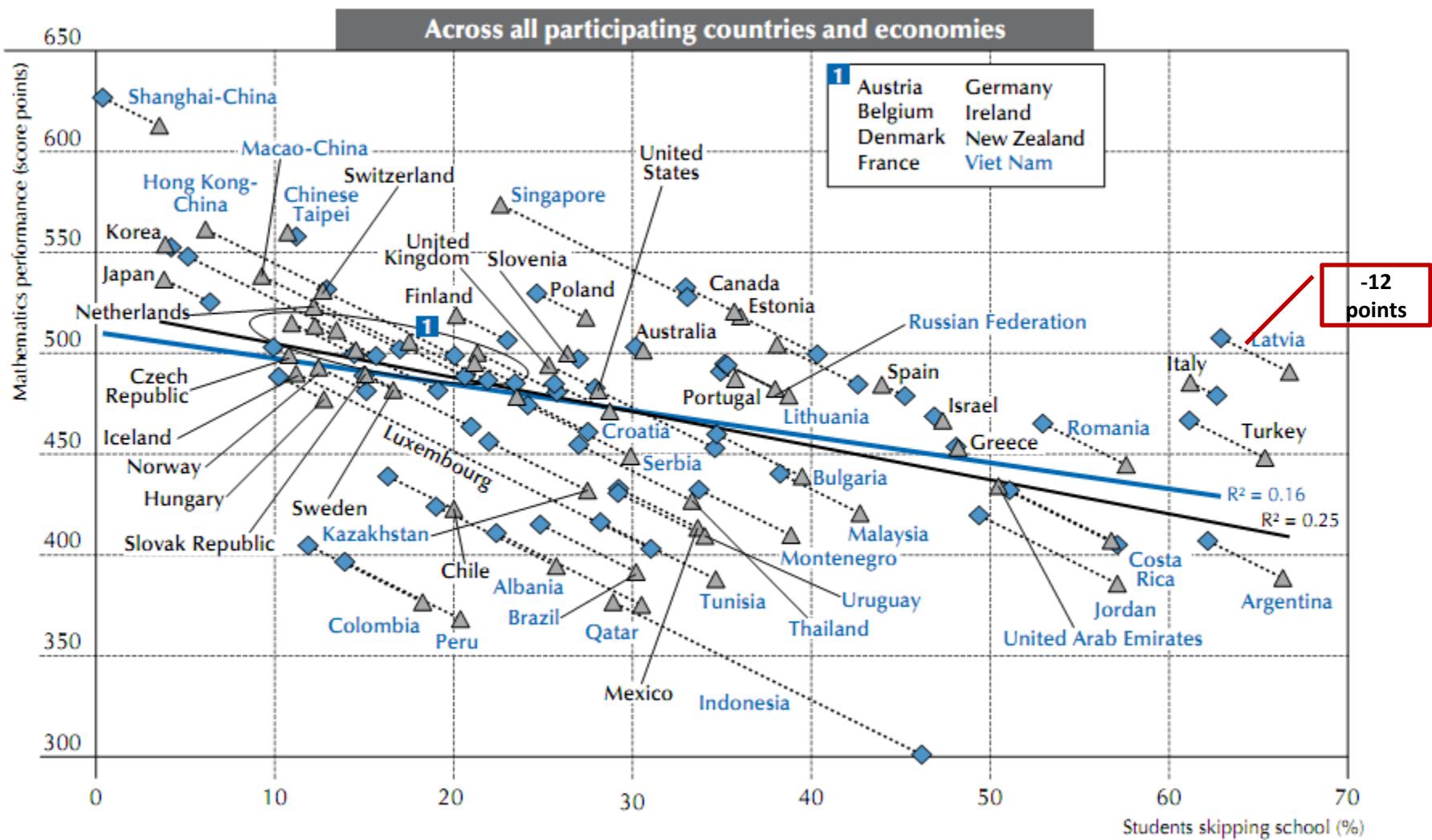
Mean performance and equity in education outcomes



Relationship between Latvia's student performance in science and the PISA index of ESCS



Discipline



Directions for improvement

- ▶ Rural schools
- ▶ High achievers
- ▶ Boys-girls
- ▶ Discipline
- ▶ Teacher`s professional development and status

OECD IMHE programme

- University of Latvia is a member of the OECD Programme on Institutional Management in Higher Education (IMHE) since 2001 (known also as OECD's higher education programme)
- IMHE provide access to data, expertise and analytical resources of higher education
- Networking with members from all around the globe
- Good opportunity to take part in conferences and workshops as well to organize them in cooperation with OECD IMHE (December 2009: Higher Education Spaces and Places: For learning, innovation and knowledge exchange – www.oecd.lu.lv)
- Association with strong brand of OECD
- Representative of the University of Latvia is present at OECD IMHE Governing Board meetings