

PISA 2009 in brief

- Over halfa/million students..economy 87%
 - representing 28 million 15-year-olds in 74 countries/economies
- ... took an internationally agreed 2-hour test...
 - Focus on students' capacity to extrapolate from what they know and creatively apply their knowledge in novel situations
 - Less emphasis on whether they can reproduce what they were taught
- ... and responded to questions on...
 - their personal background, their schools and their engagement with learning and school
- □ Parents, principals and system leaders provided data on...
 - support for learning as well as school policies, practices, resources and institutional factors that help explain performance differences.



(A)) OECD

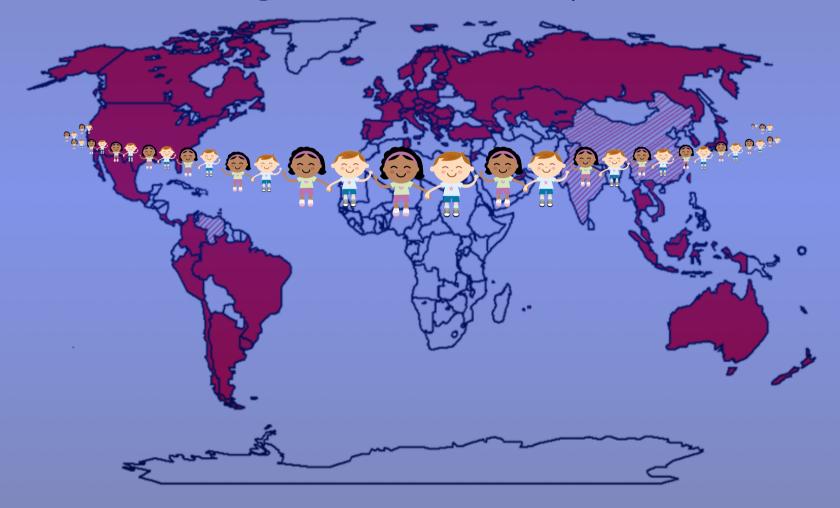
PISA 2009 in brief

□ PISA seeksrtge of world economy 87%

- ... Support governments to prepare students...
 - ... to deal with more rapid change than ever before...
 - ... for jobs that have not yet been created...
 - ... using technologies that have not yet been invented...
 - ... to solve problems that we don't yet know will arise
- ... Provide a basis for policy dialogue and global collaboration in defining and implementing educational goals, policies and practices
 - Show countries what achievements are possible
 - Help governments set policy targets in terms of measurable goals achieved elsewhere
 - Gauge pace of educational progress
 - Facilitate peer-learning on policy and practice.

PISA countries in 2009

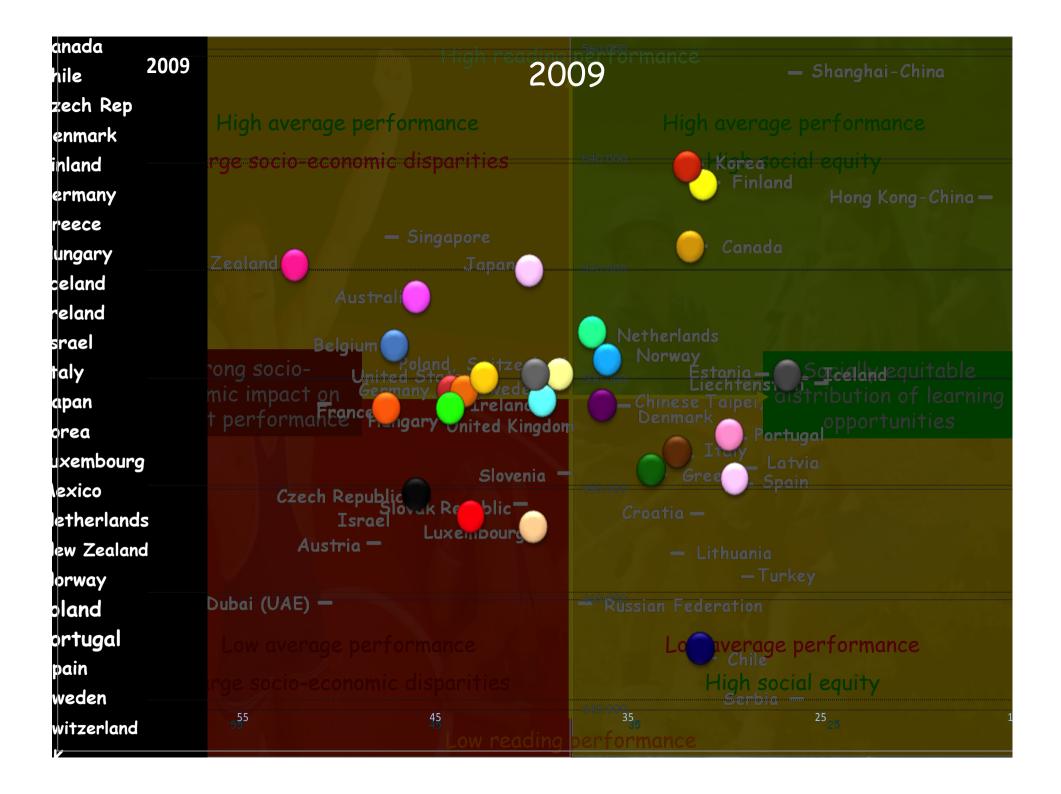
Coverage of world economy 87%

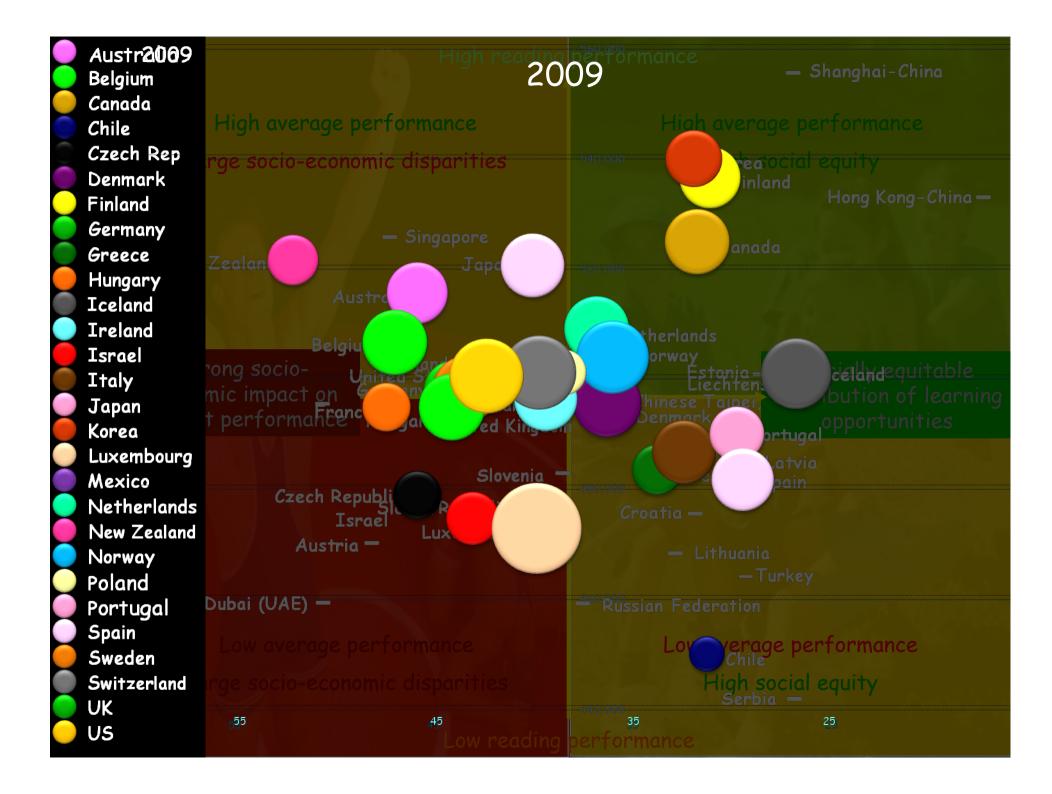


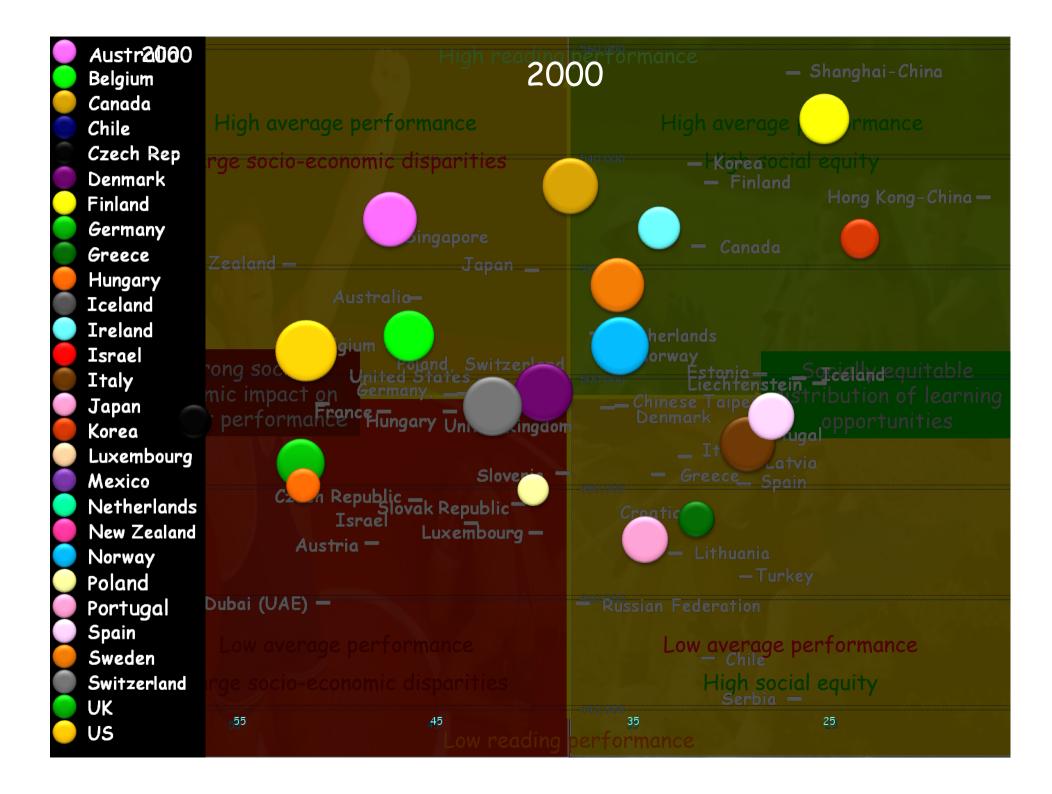
What 15-year-olds can do

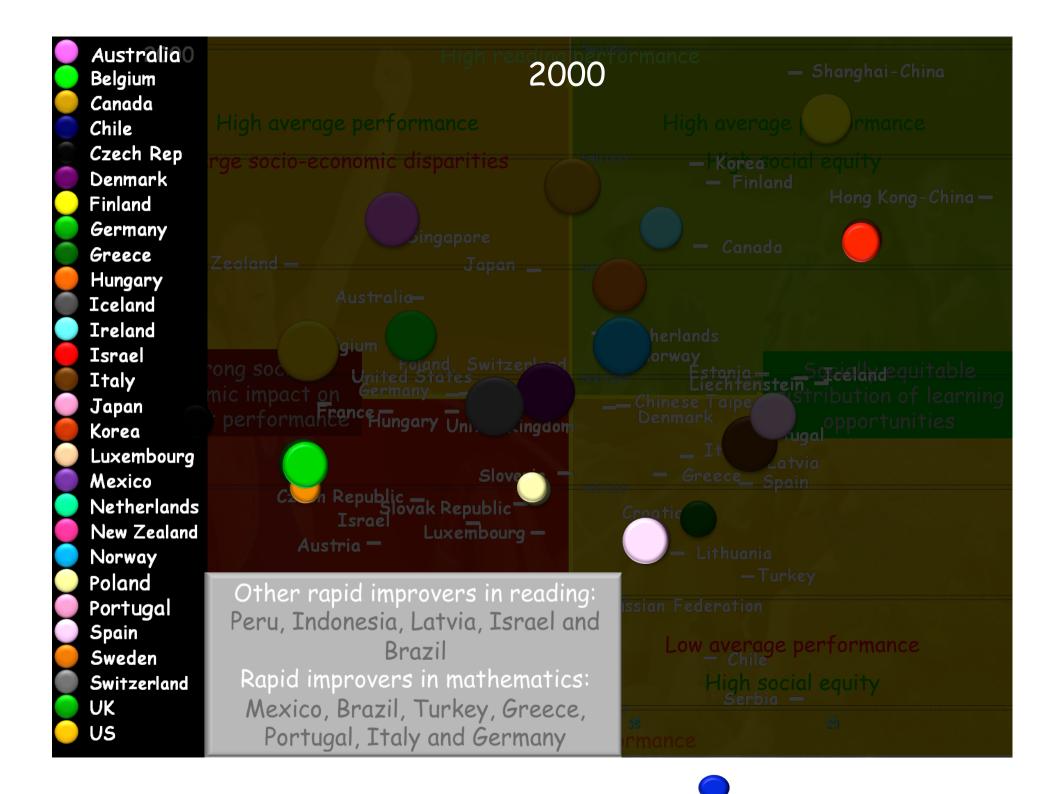
Low reading performance

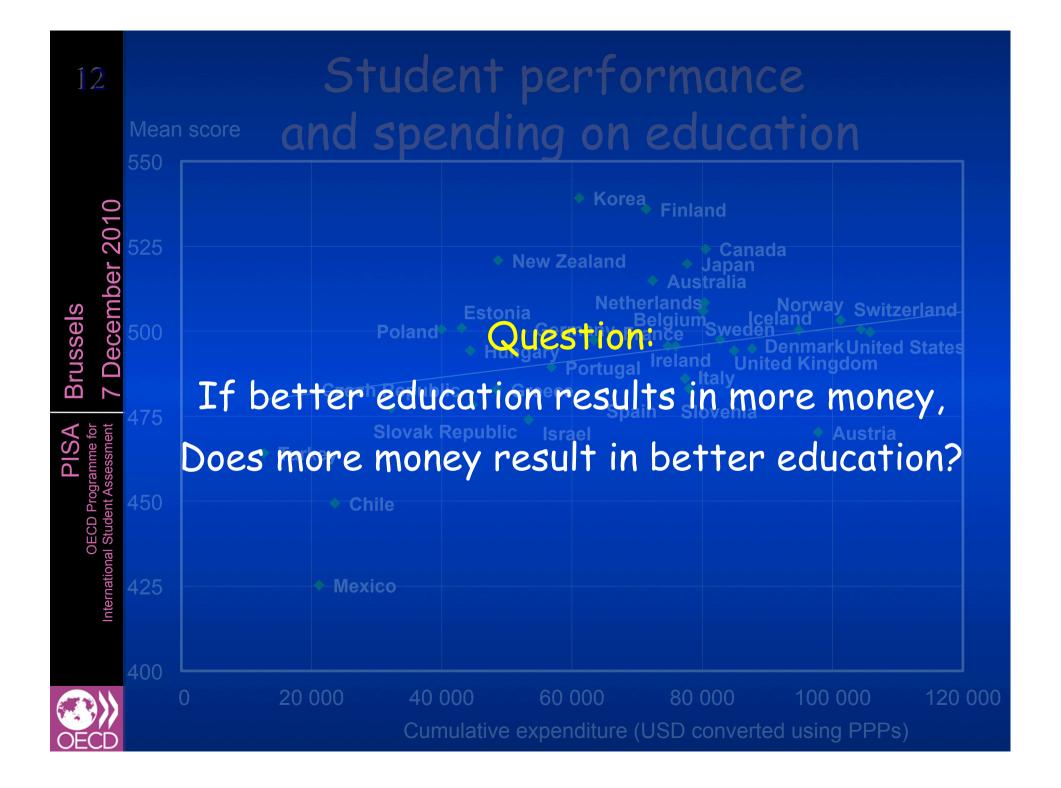


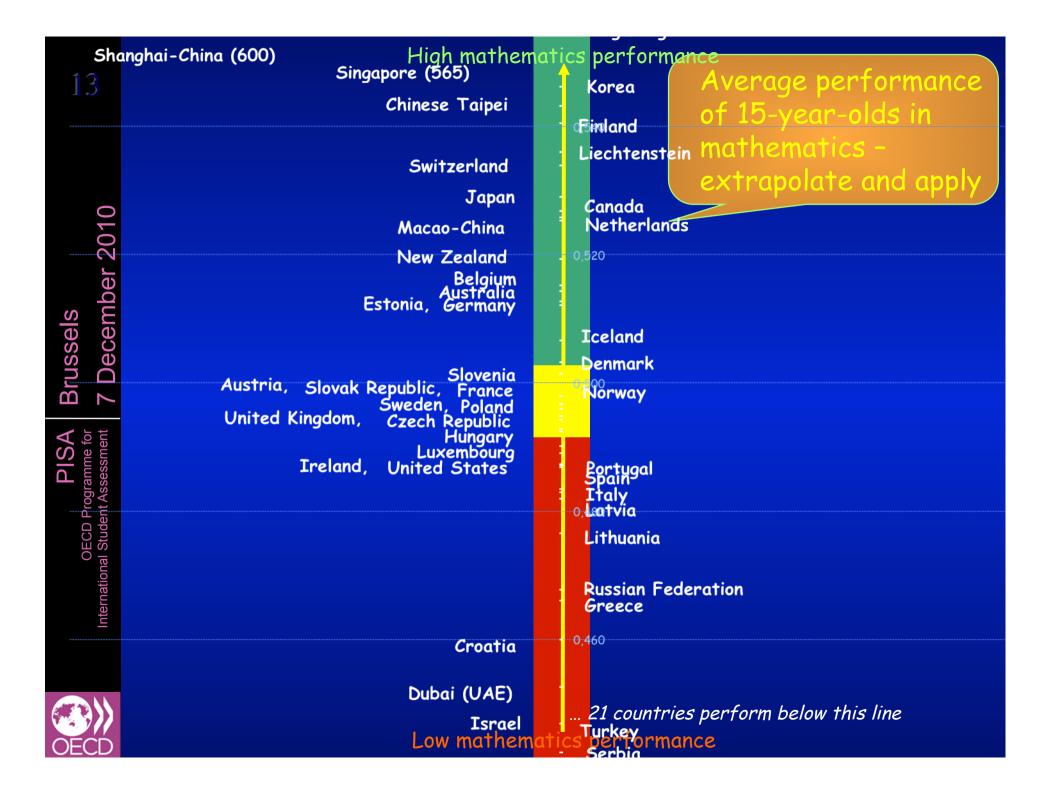


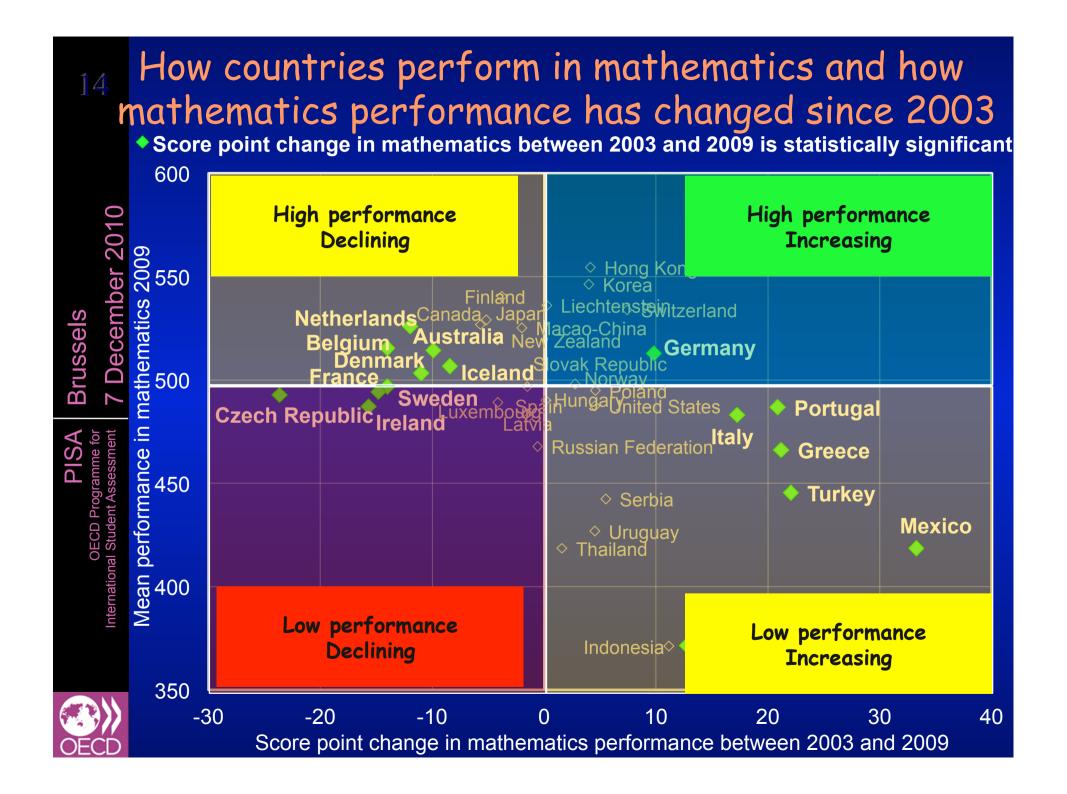






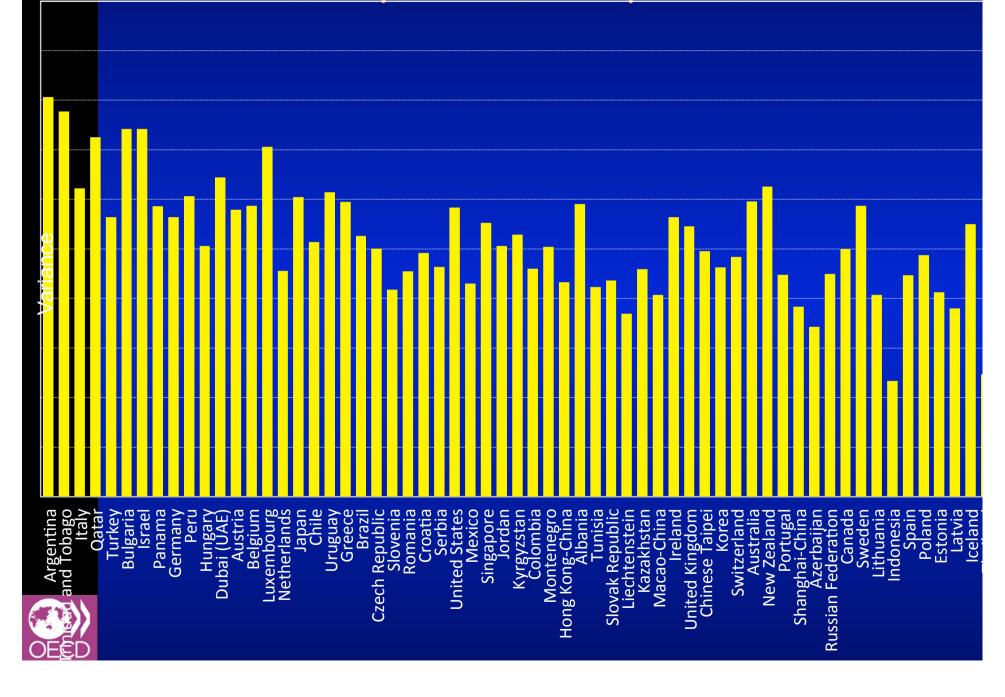




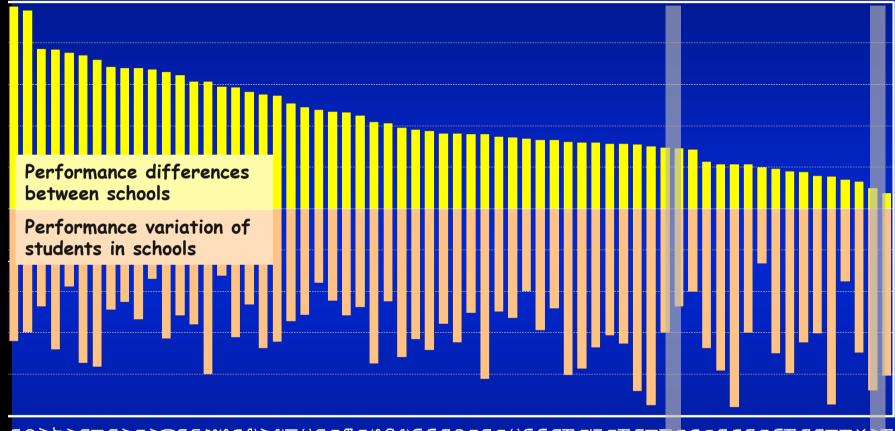


Quality differences between schools

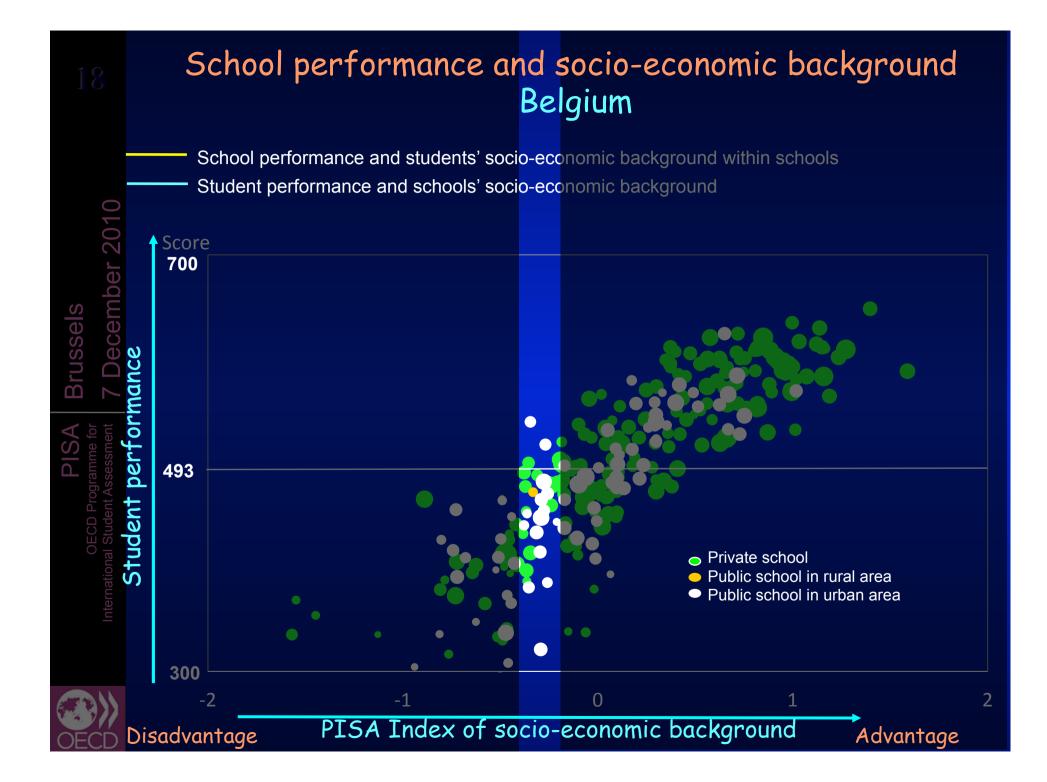
Variability in student performance



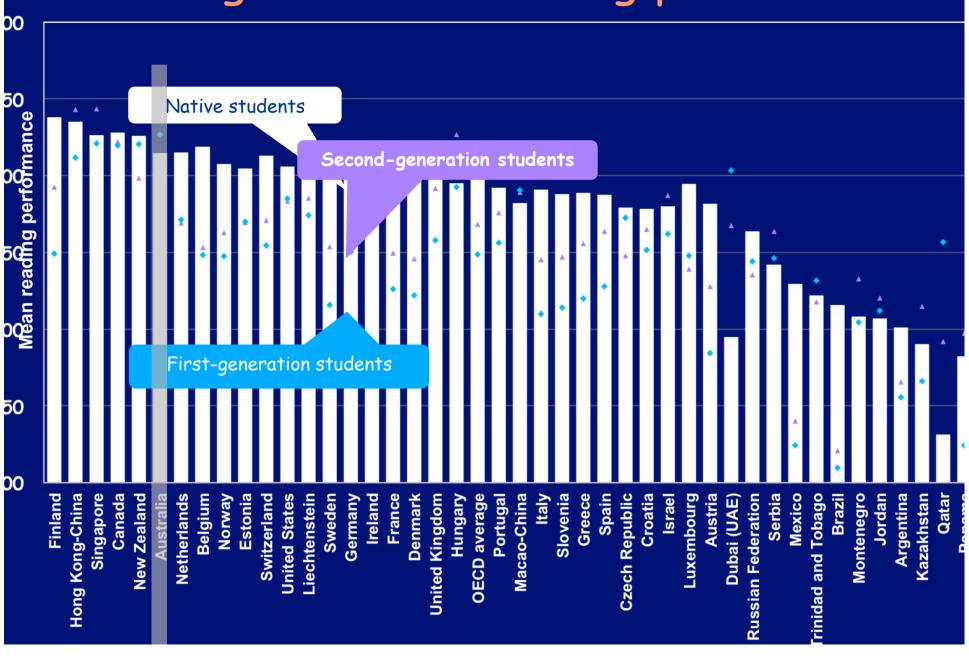
Variability in student performance between and within schools







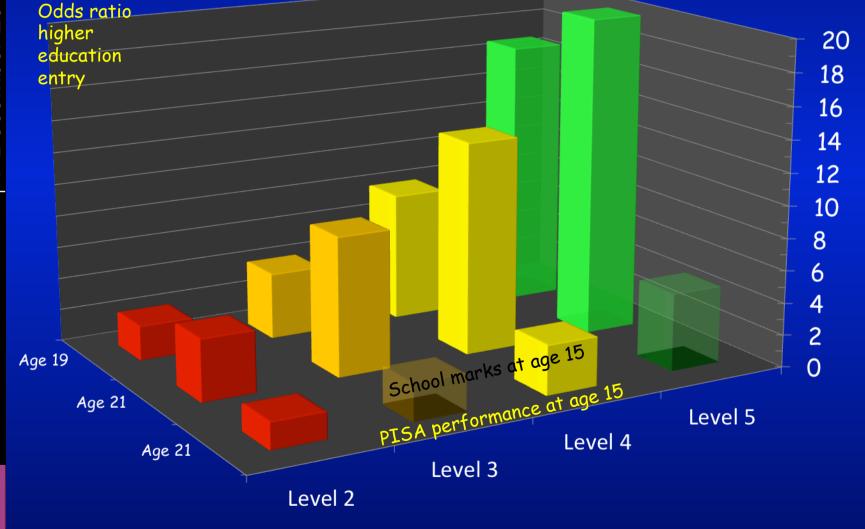
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Does it all matter?

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Increased likelihood of postsec. particip. at age 19/21 associated with PISA reading proficiency at age 15 (Canada) after accounting for school engagement, gender, mother tongue, place of residence, parental, education and family income (reference group PISA Level 1)





What does it all mean?

7 December 2010

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PISA
OECD Programme for International Student Assessment

Commitment to universal achievement

Coherence

Goals, gateways, instructional systems

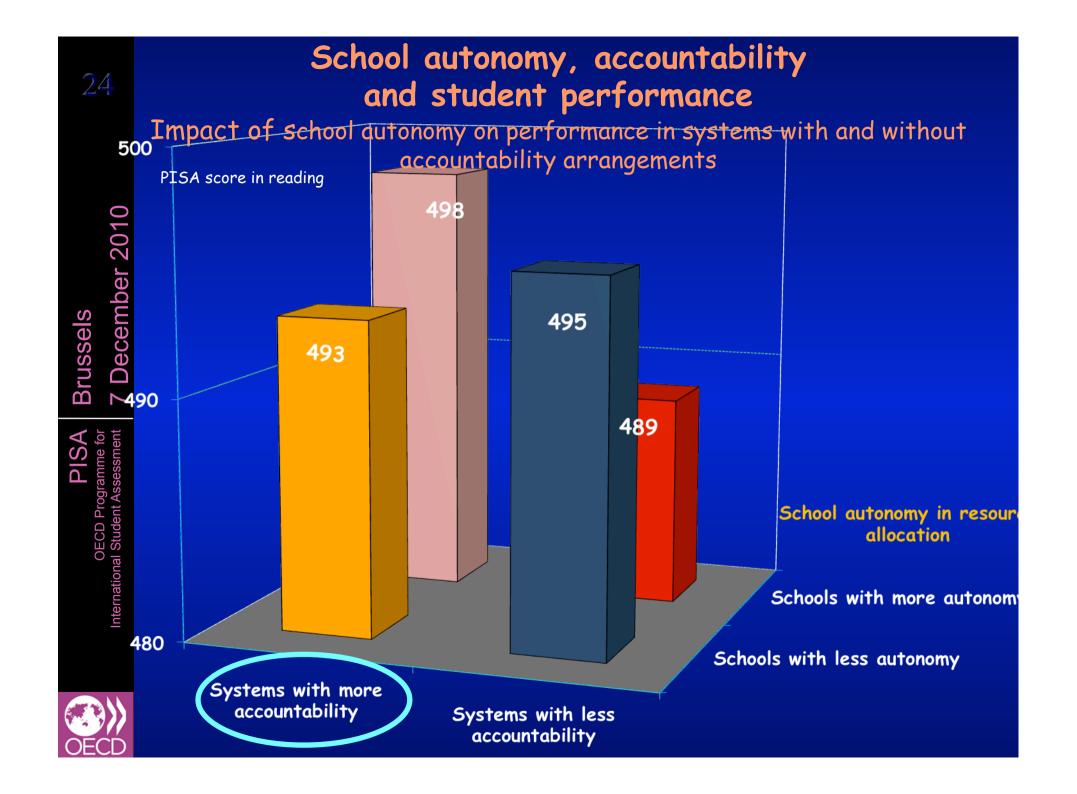
A learning system Lessons from PISA on successful education systems

Capacity at point of delivery

Resources where they yield most

Incentives and accountability





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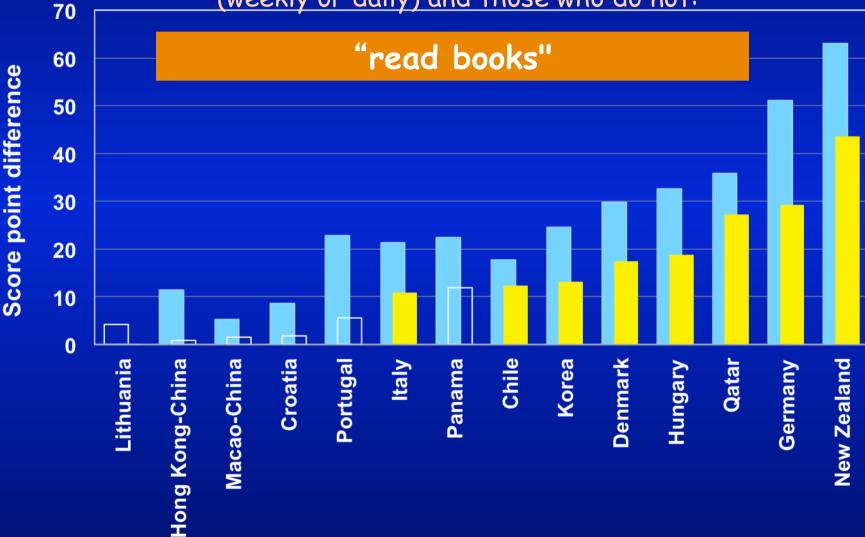
Incentives and accountability



Beyond schooling

Parental support at the beginning of primary school

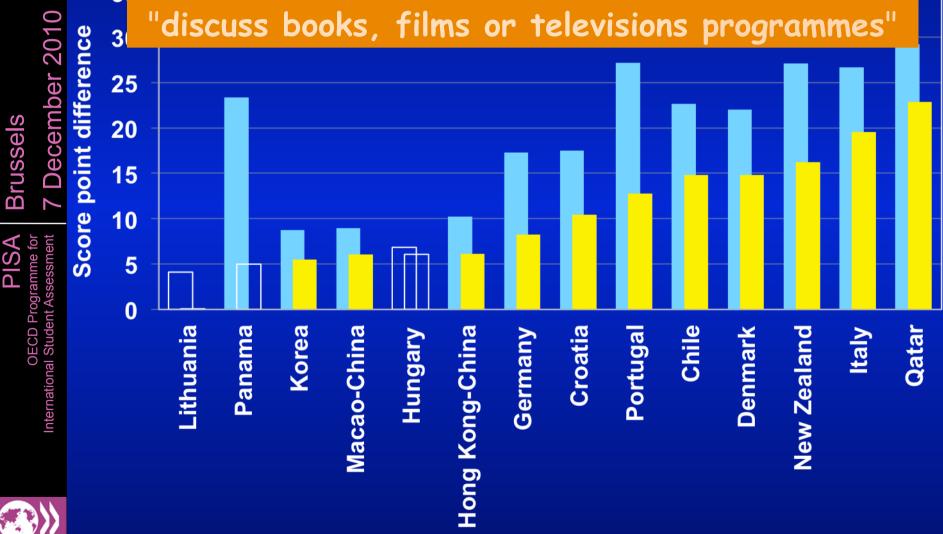
Score point difference between students whose parents often do (weekly or daily) and those who do not:





Parental support at age 15

Score point difference between students whose parents often do (weekly or daily) and those who do not:





Find out more about PISA at...

- OECD <u>www.pisa.oecd.org</u>
 - All national and international publications
 - The complete micro-level database
- U.S. White House www.data.gov
- Email: Barbara.Ischinger@OECD.org

... and remember:

Without data, you are just another person with an opinion

