

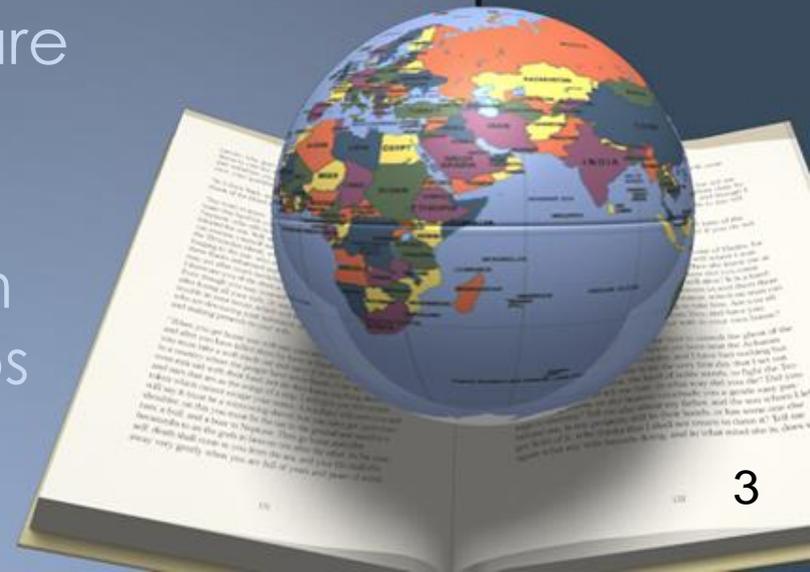
OECD Test for Schools Pilot*

*Based on the PISA

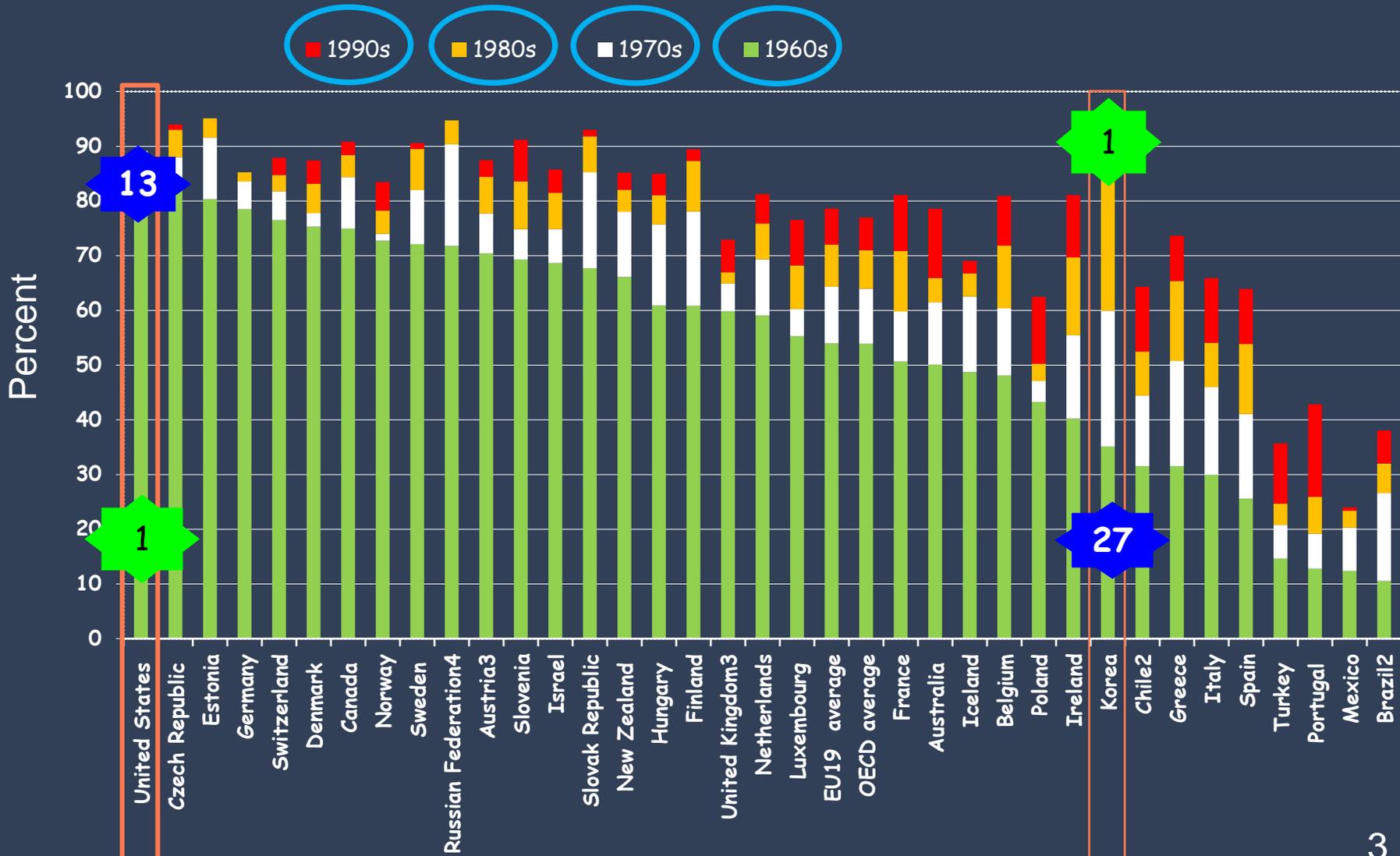


OECD Test for Schools Pilot

- 125 Schools in Canada, UK and US including 10 schools from FCPS
- 48 School Districts
- 6 magnets, 6 charters and 1 private school included
- 7,400 students tested during May and June 2012
- 75 students per school targeted
- Reading, Math, and Science are assessed
- Students also completed a questionnaire about classroom management and relationships with teachers



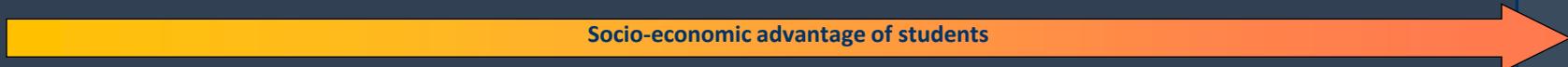
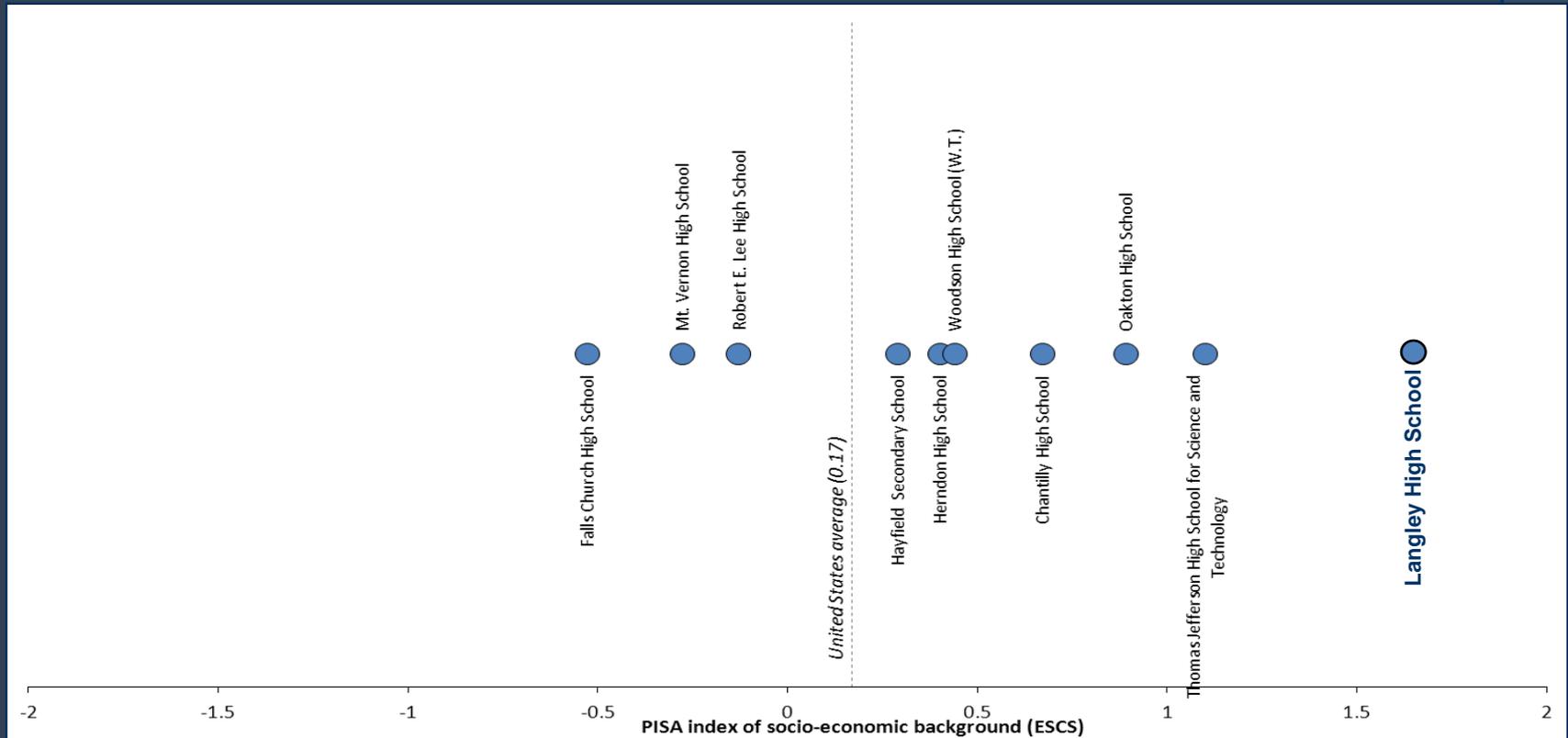
The ~ Percentage of Persons with High School or Equivalent Qualifications



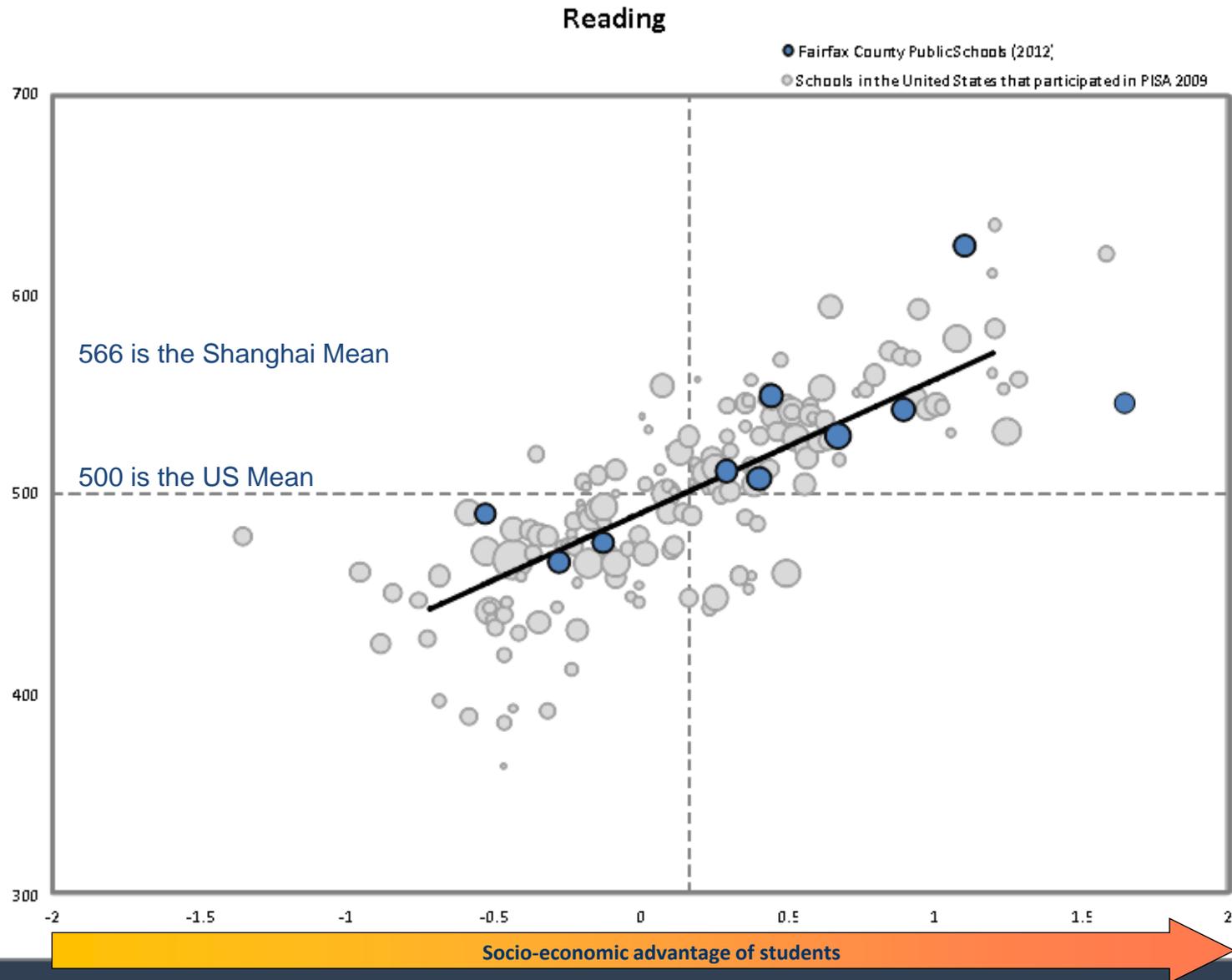
1. Excluding ISCED 3C short programmes
 2. Year of reference 2004
 3. Including some ISCED 3C short programmes

2. Year of reference 2004
 3. Year of reference 2003.

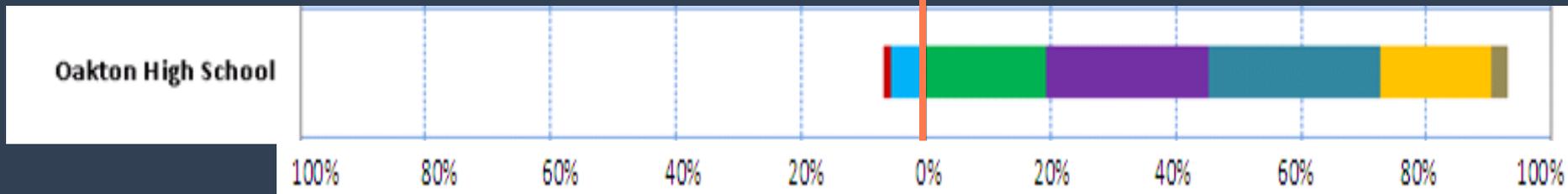
The Socio-Economic Background of Students in Participating FCPS Schools



FCPS Schools Compared with Schools in 2009 PISA

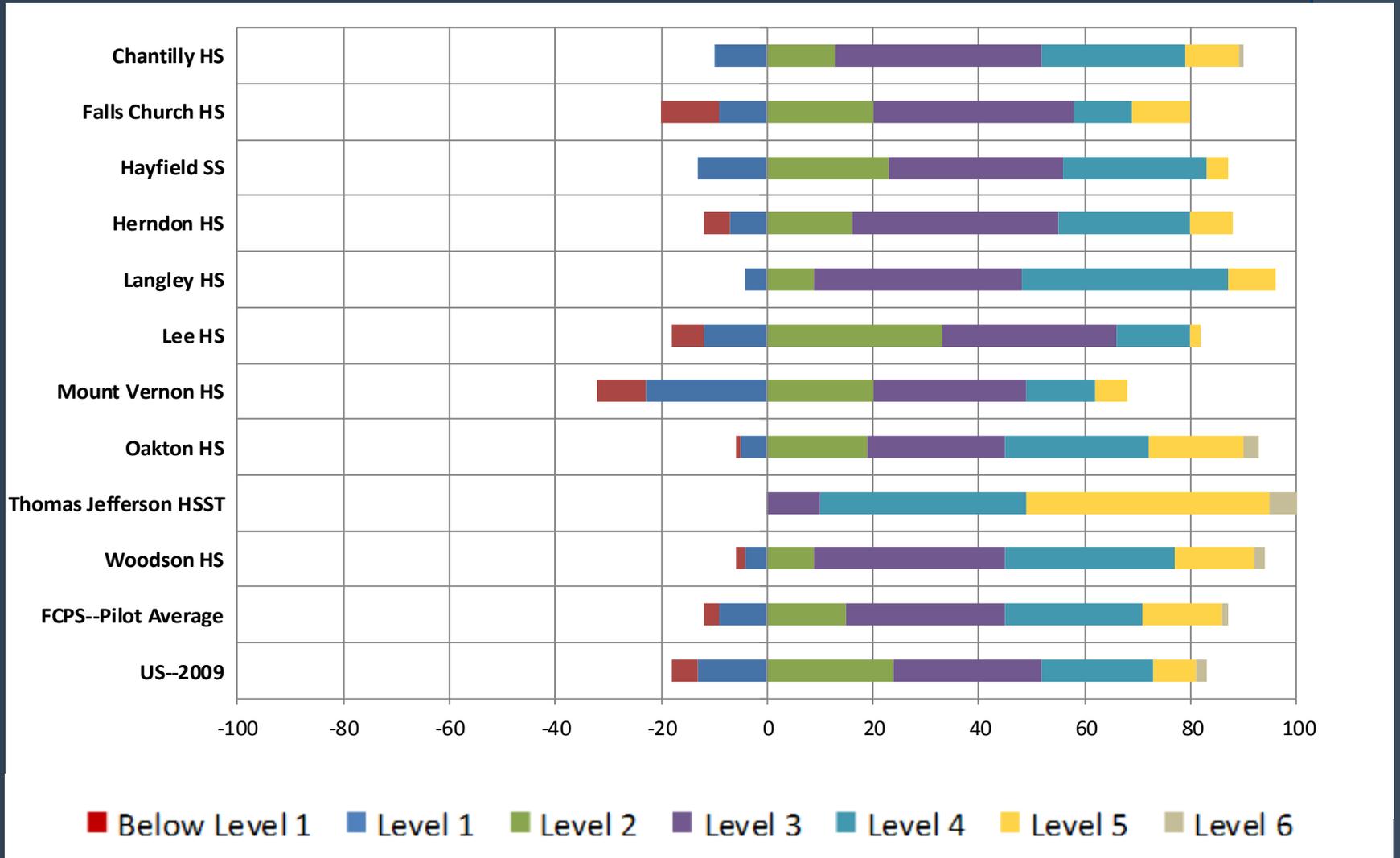


Reading



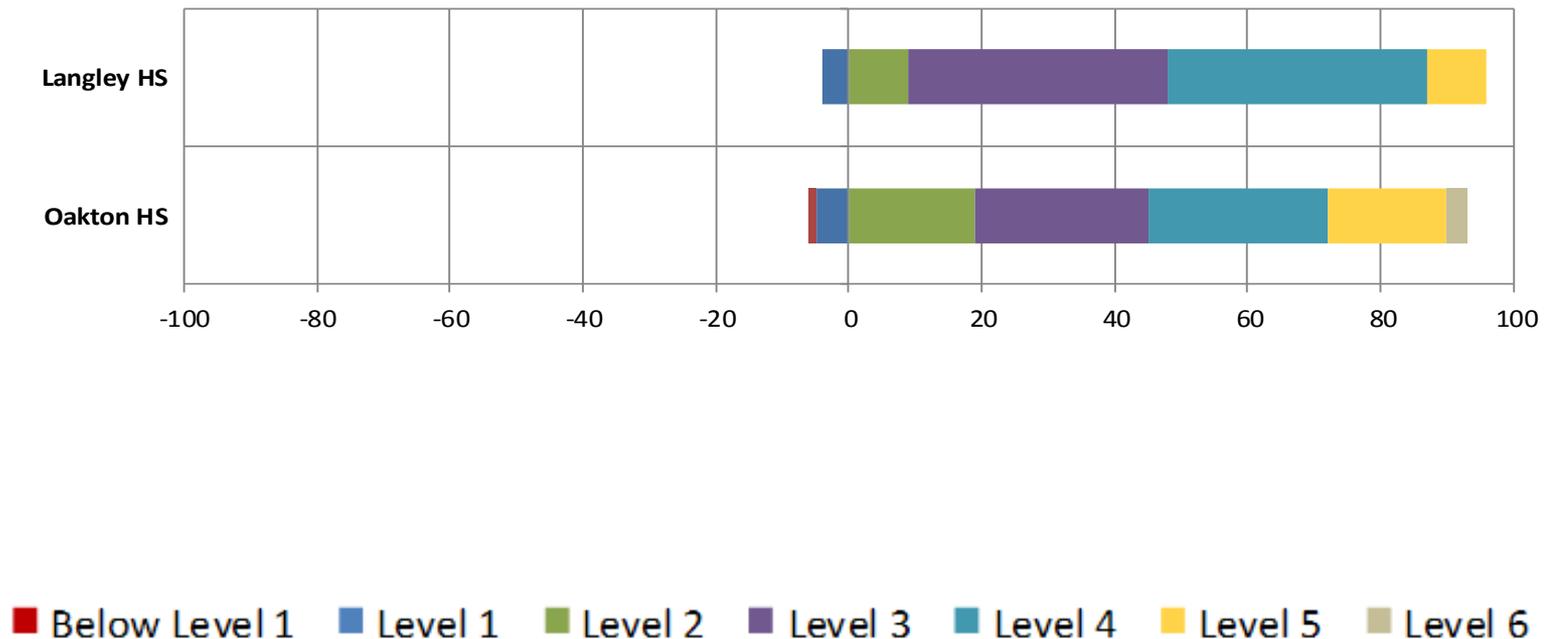
Levels	Examples of 4C's in each level
6	<ul style="list-style-type: none">Students can assimilate information from unfamiliar content area presented in atypical formats
5	<ul style="list-style-type: none">Students can find information in unfamiliar texts and infer which information is relevant
4	<ul style="list-style-type: none">Students can locate embedded information and construct meaning from linguistic nuances
3	<ul style="list-style-type: none">Students can integrate several parts of the text to identify a main idea
2	<ul style="list-style-type: none">Students can compare and contrast between texts and outside knowledge
1	<ul style="list-style-type: none">Student can locate pieces of information that is explicitly stated

Reading by Proficiency Level



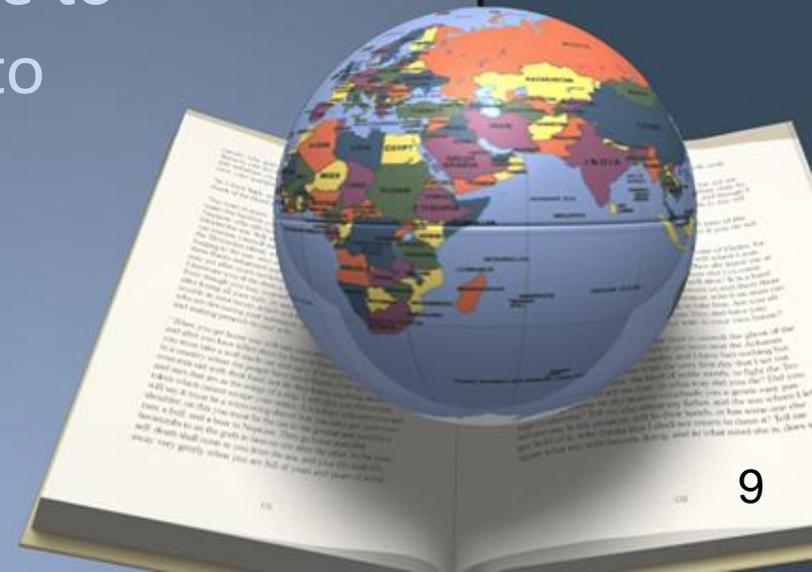
What Does the Same Mean Actually Mean?

Langley High School and Oakton High School
Both Have a Mean Score of 543.



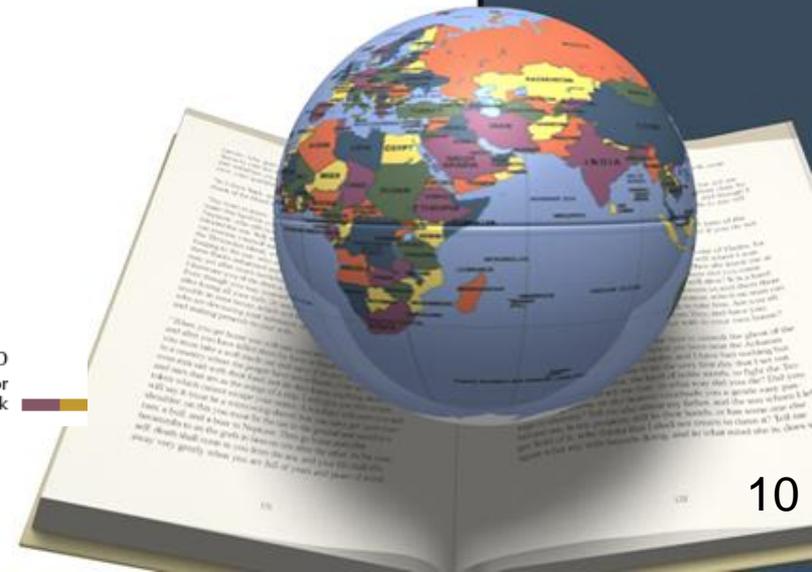
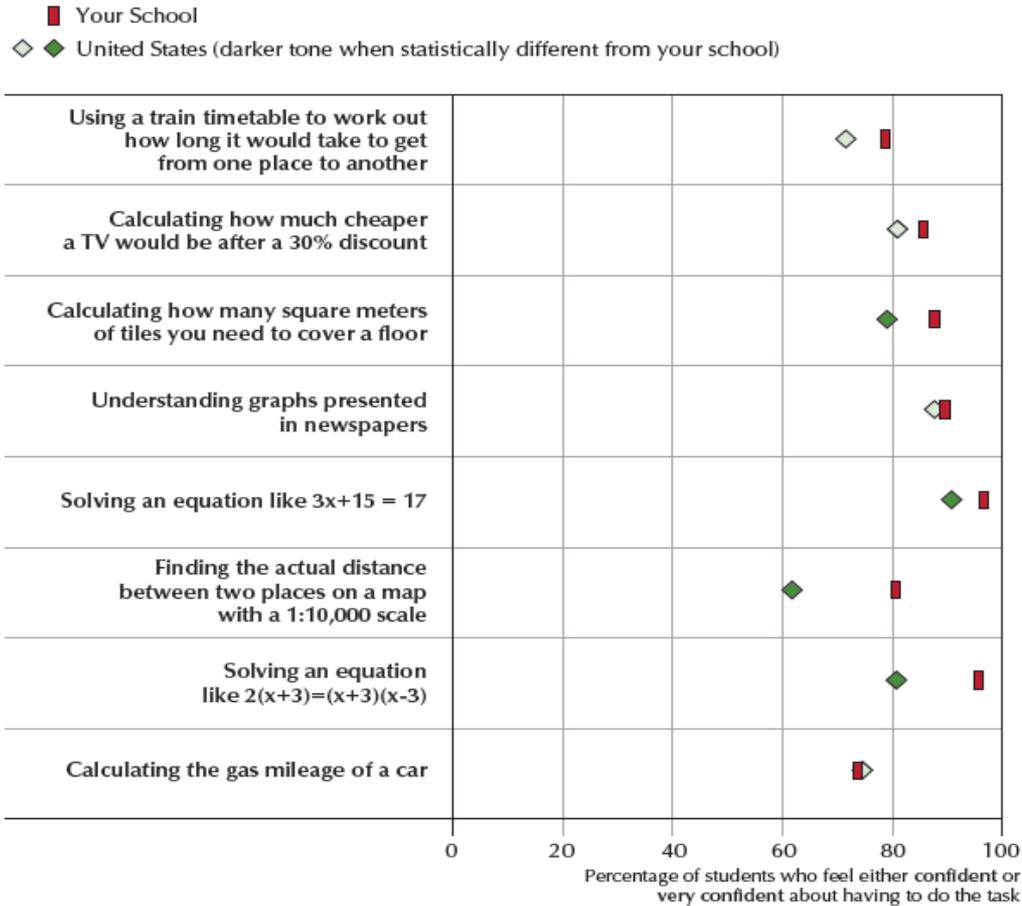
Students' Self-efficacy in Mathematics

- Self-efficacy in mathematics: Students' belief in their ability to overcome difficulties or obstacles to solving math problems
- Confidence that one will be able to solve a problem is a precursor to investing the time and effort needed to tackle it

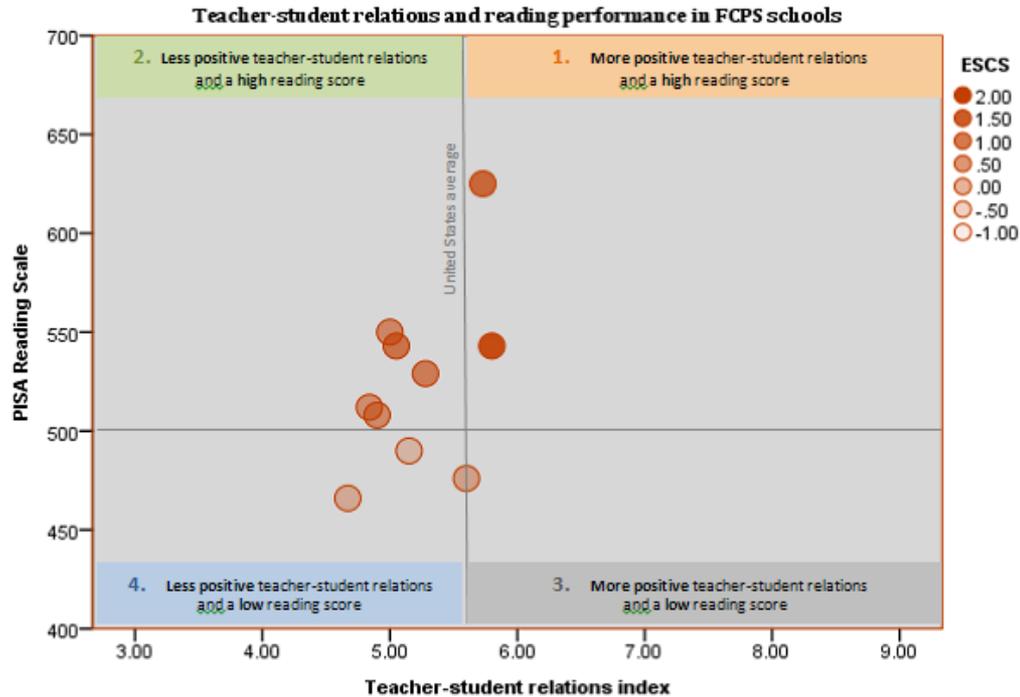


Oakton HS

Figure 3.9 ■ **Students' self-efficacy in mathematics at your school and in the United States in PISA 2003**

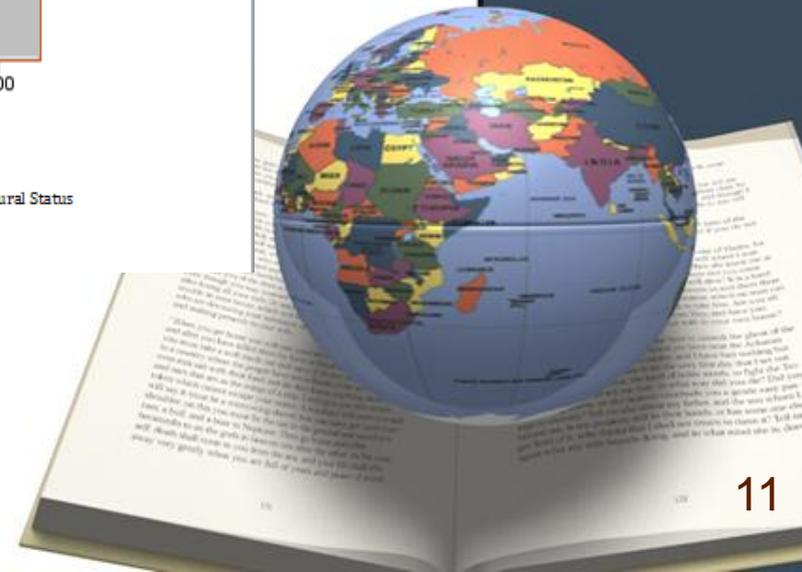


Teacher-Student Relations



*Schools are displayed as a function of students' socio-economic background

Note: The gradient/transparency of each bubble represents the direction of PISA Index for Economic, Social, and Cultural Status (ESCS); the lighter the color of the bubble, the more disadvantaged backgrounds in the school.



Other Data Available

- International and national comparisons
- Learning Environment and Teacher-Student Relationship
- Students' reading habits
- Students' attitudes about reading, math and science
- Students' self-belief and interest in reading and science
- Public vs. private schools
- Boys and girls comparison in reading, math, and science
- Extensive policy research

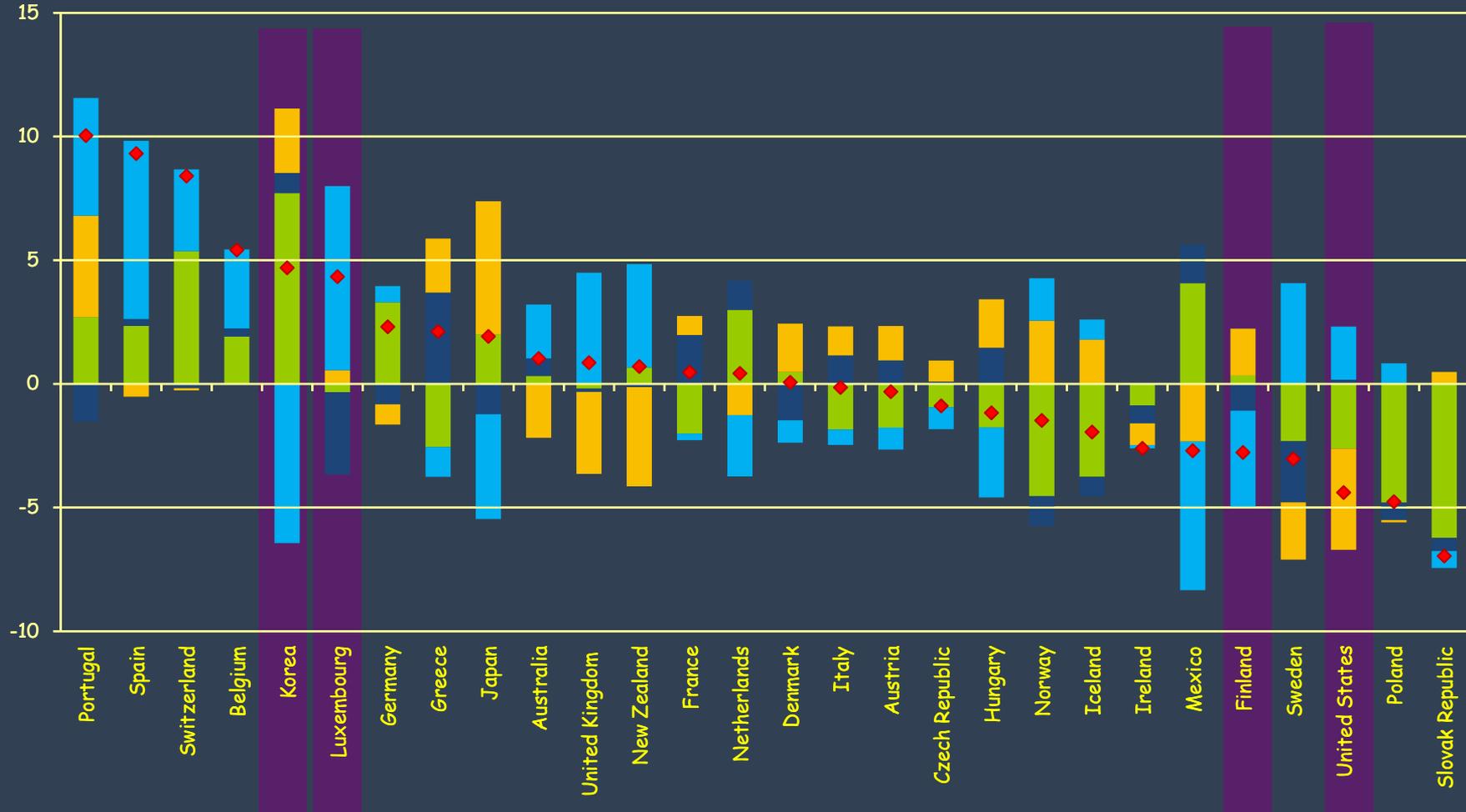


High performing systems often prioritize the quality of teachers over the size of classes

Contribution of various factors to upper secondary teacher compensation costs per student as a percentage of GDP per capita (2004)

■ Salary as % of GDP/capita
 ■ Instruction time
 ■ 1/teaching time
 ■ 1/class size
 ◆ Difference with OECD average

Percentage points



Next Steps for FCPS

- Network with other schools in the US that participated in the PISA pilot
 - America Achieves Event
 - EdLeader21
- Share the results with all FCPS schools
 - Pyramid Planning
 - Benchmarking against the best
 - Leadership Conference- Pasi Sahlberg
 - Division Strengths/Challenges
- Examine FCPS/VA/US policies to ensure they are supportive of the best conditions for learning

