

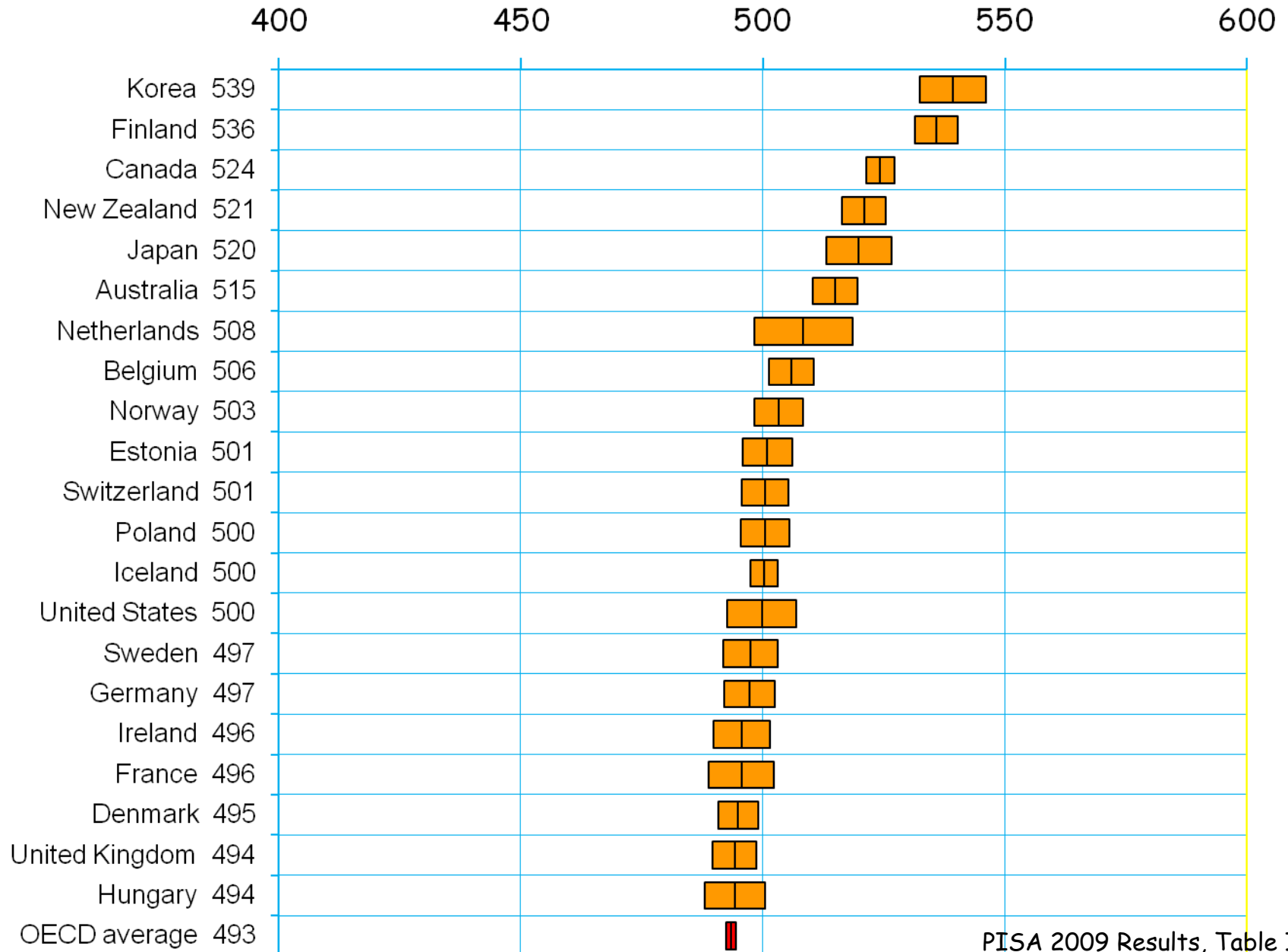


# PISA 2009: Student performance at age 15 and ECEC

8<sup>th</sup> Meeting of the OECD Network on Early  
Childhood Education and Care  
Paris, 6-7 December 2010

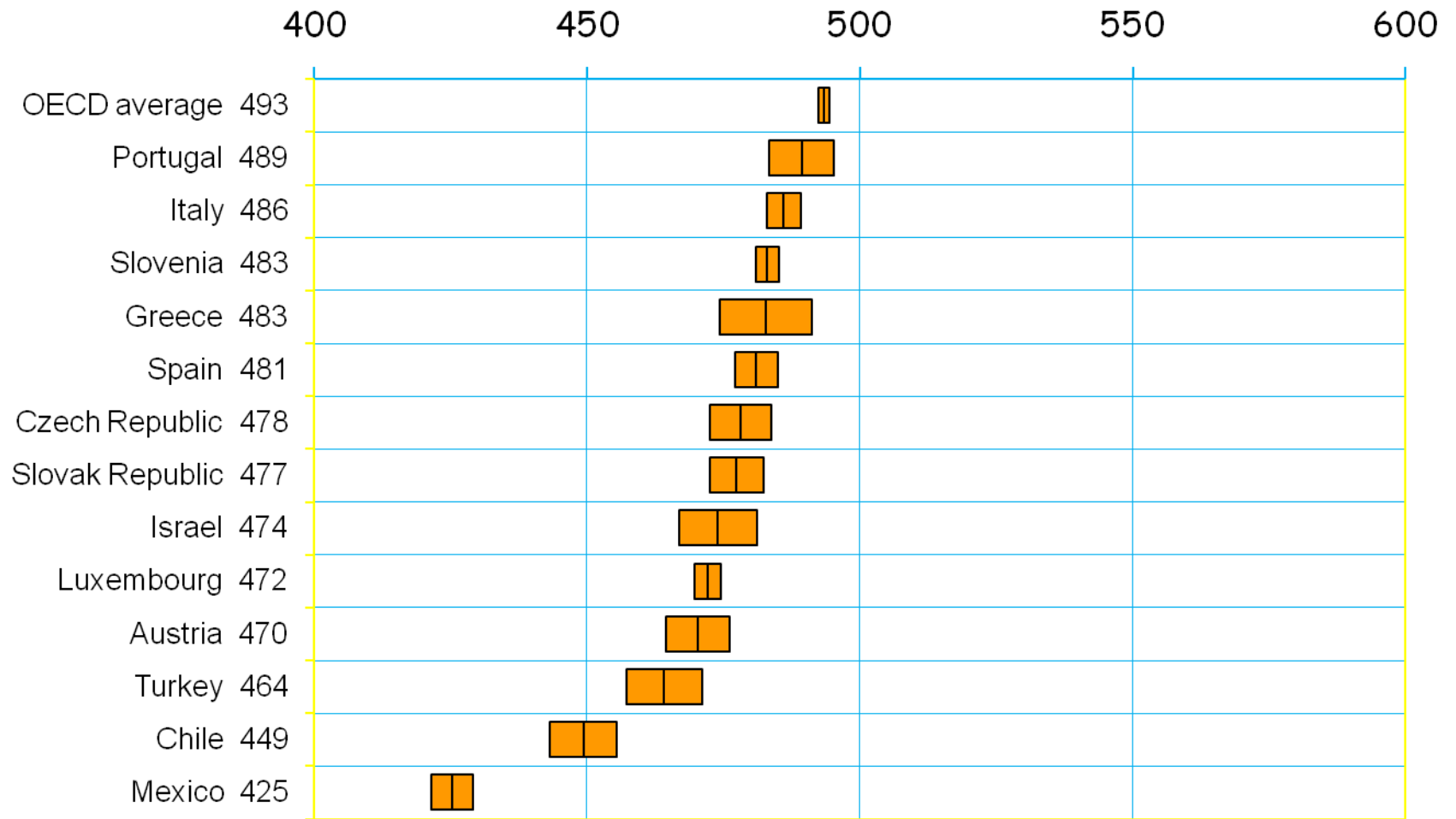
# Average performance in reading

OECD countries =493



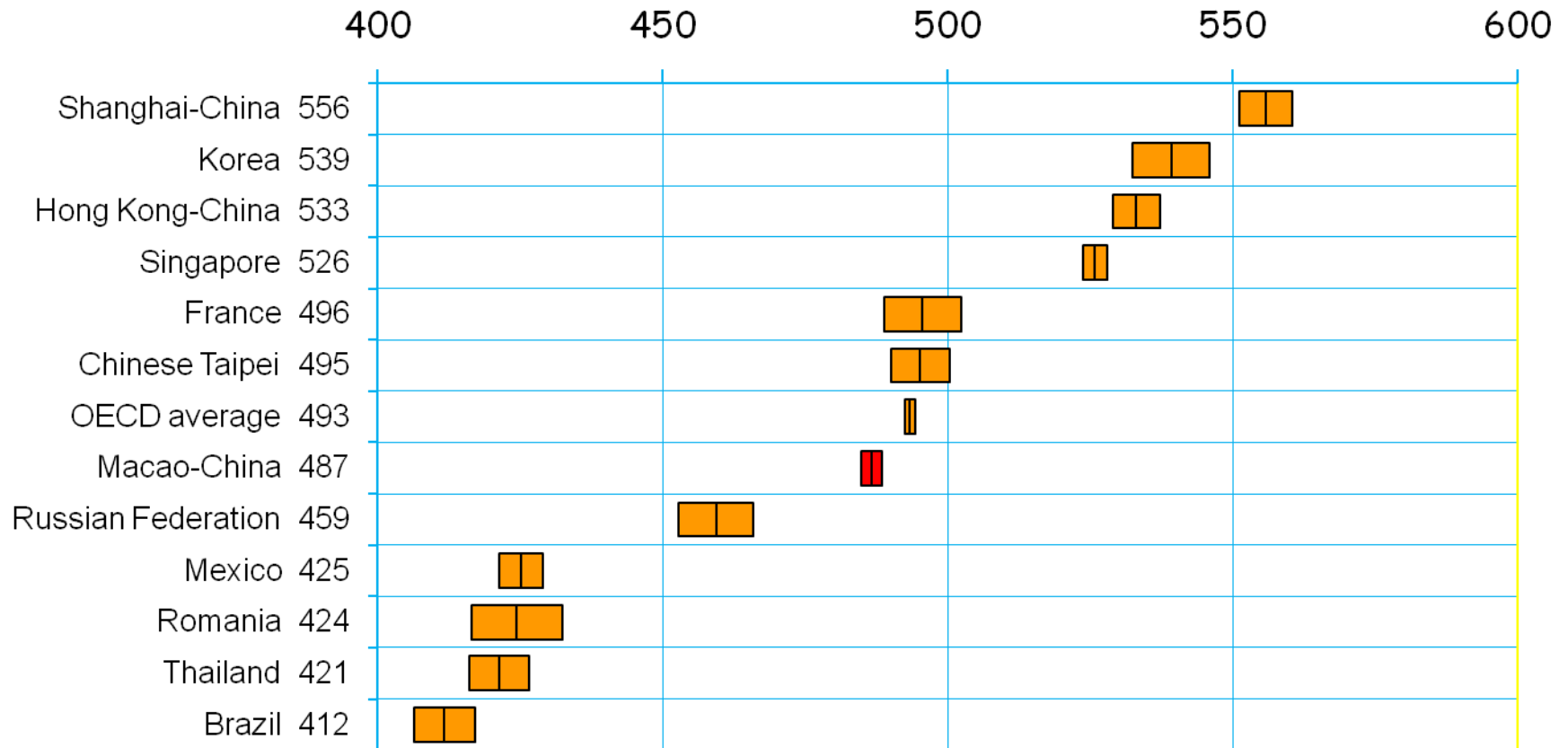
# Average performance in reading

OECD countries =493



# Average performance in reading

Some partner countries and economies – Korea, France, Mexico



# Average performance in mathematics

OECD average = 496

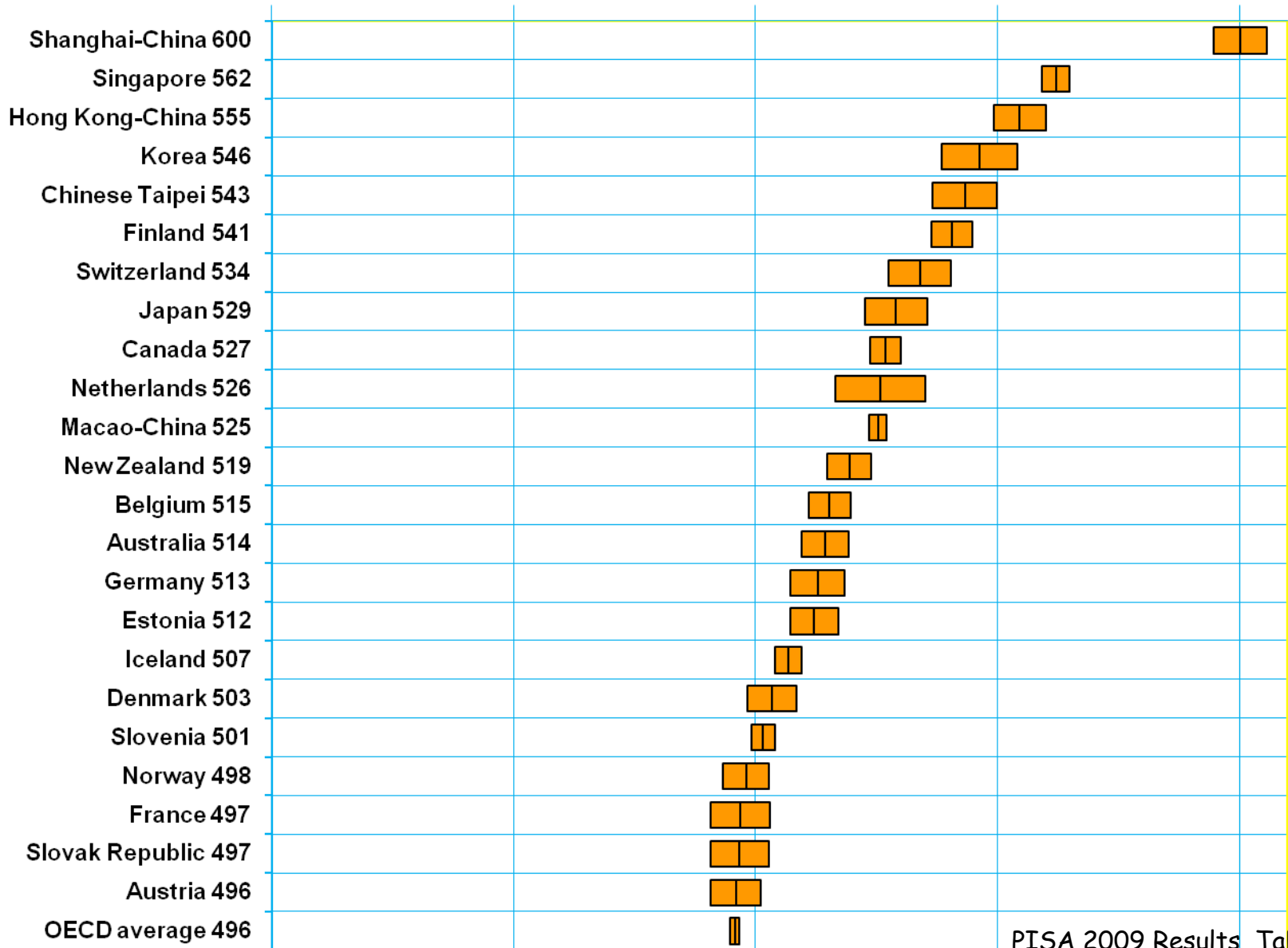
400

450

500

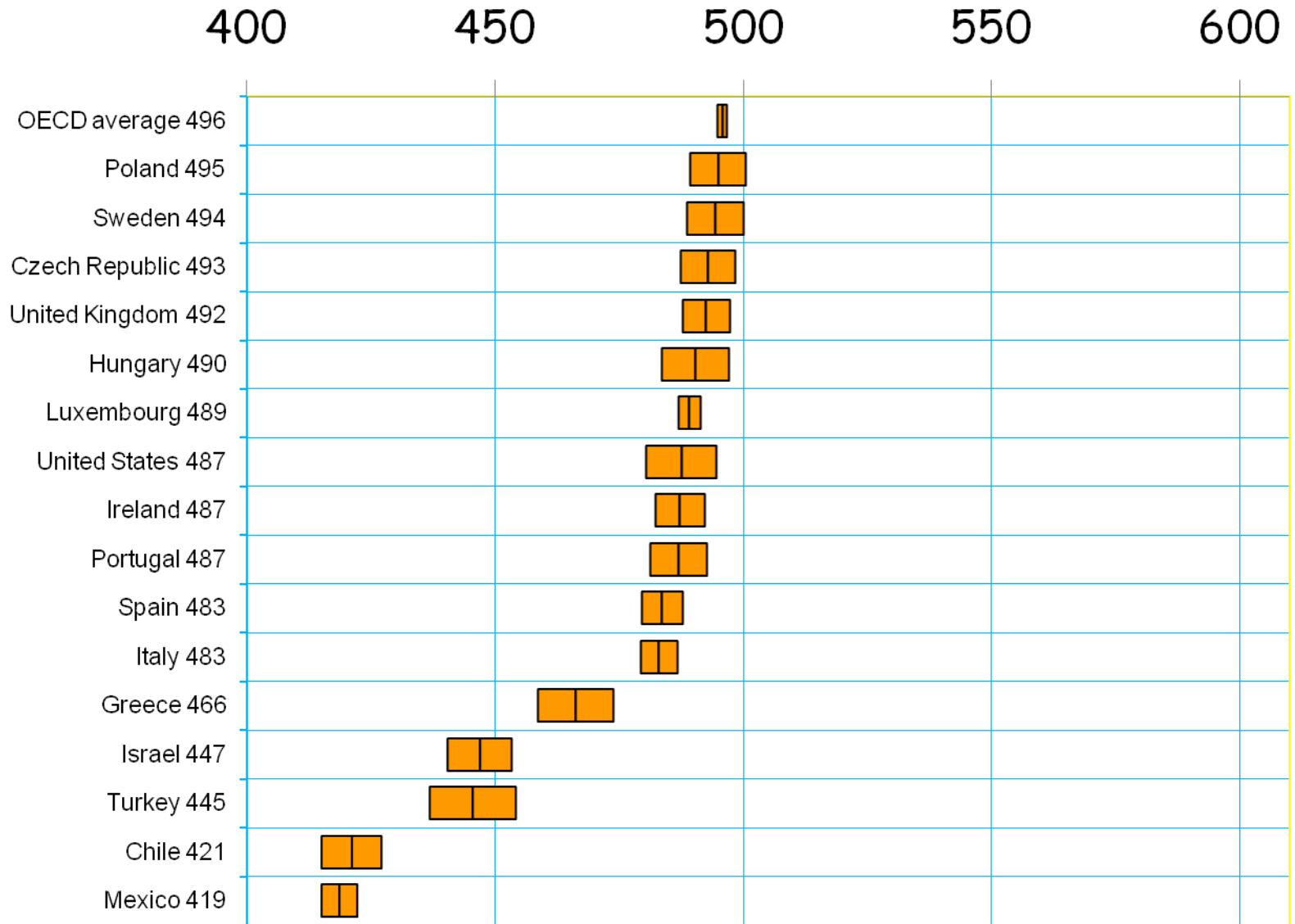
550

600



# Average performance in mathematics

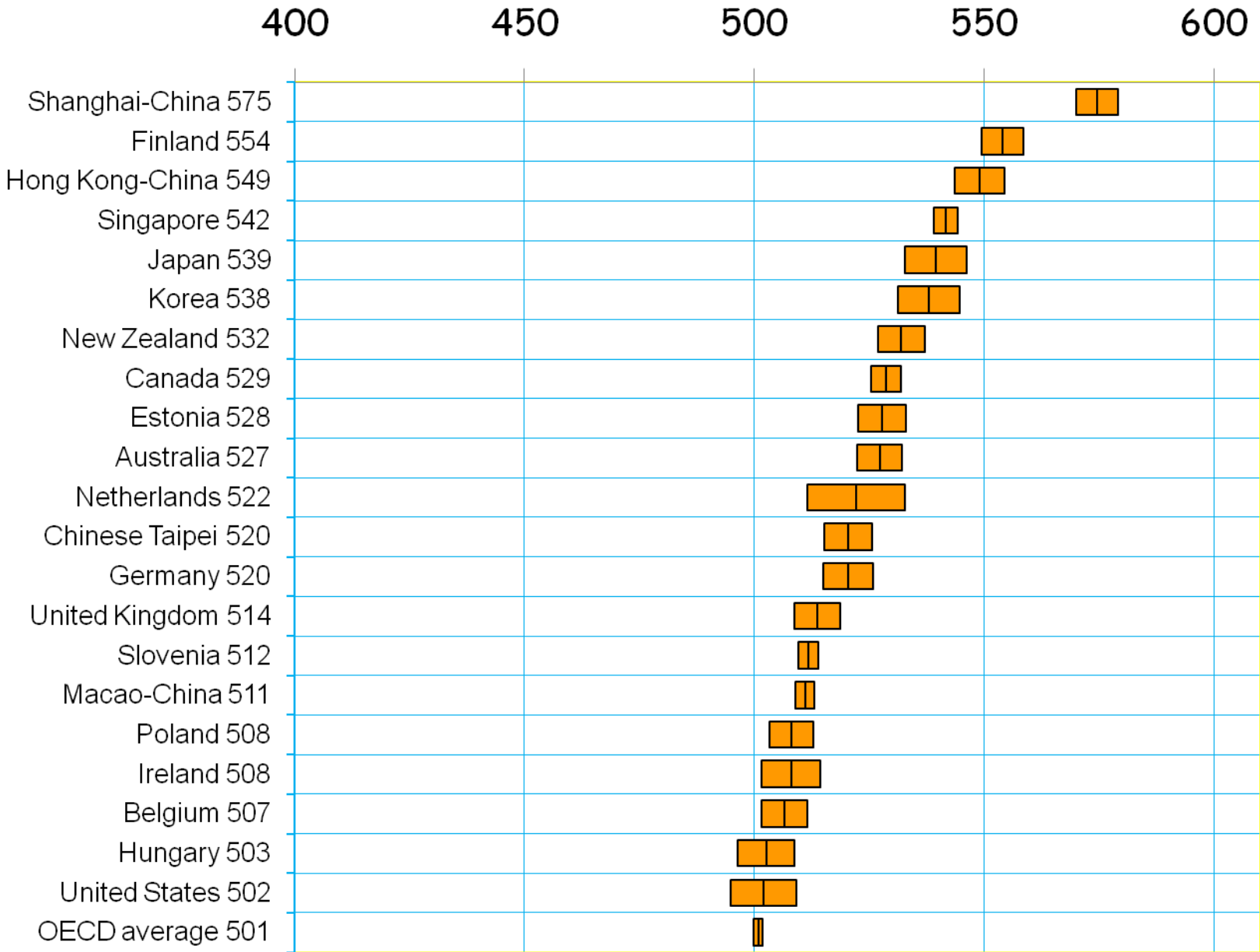
OECD average = 496





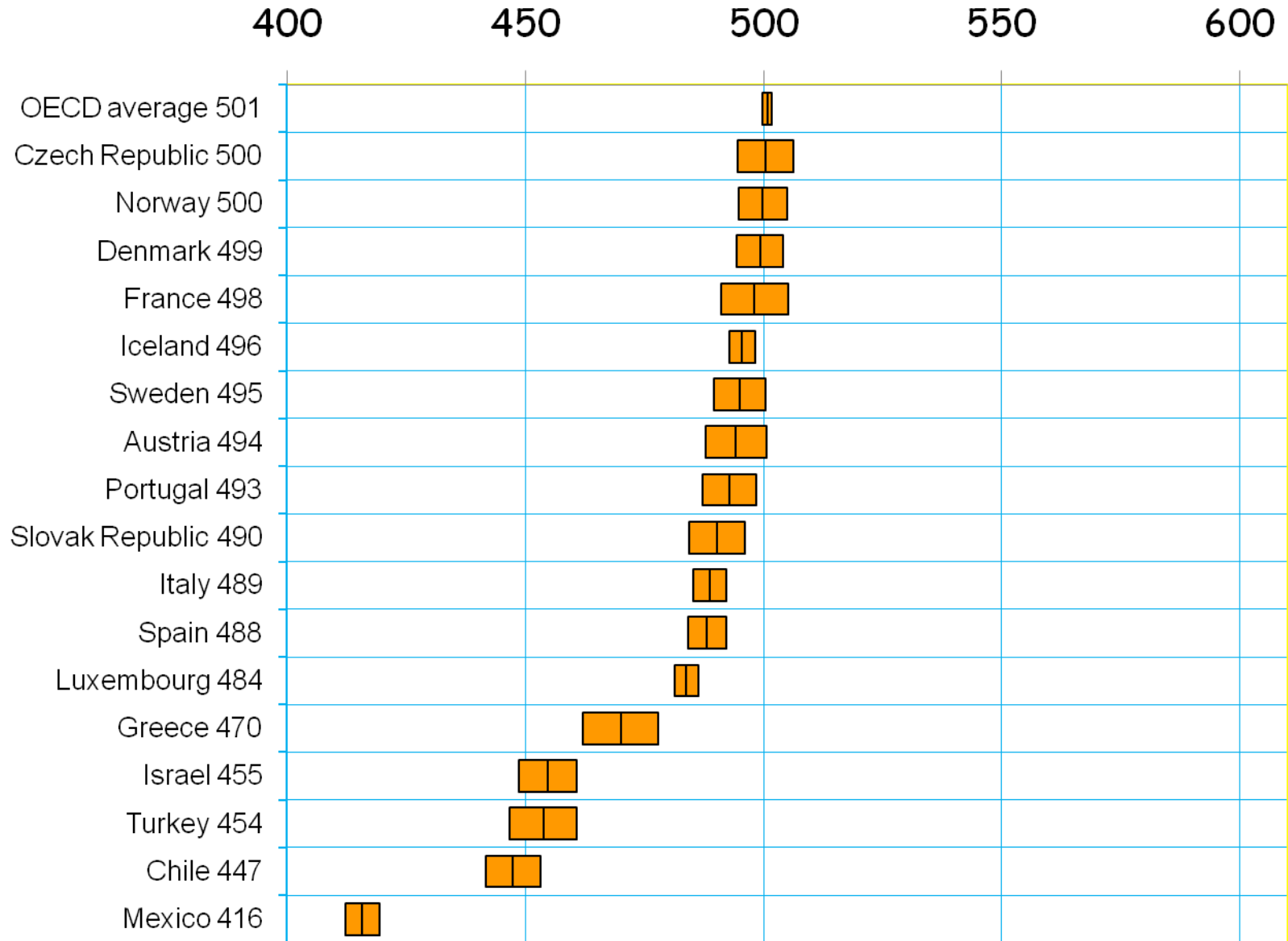
# Average performance in science

OECD average = 501



# Average performance in science

OECD average = 501





# Participation in pre-primary education

- On average across OECD countries, 72% of PISA students reported more than one year of pre-primary education
- More than one year is practically universal in Japan, Netherlands, Hungary, Belgium, Iceland and France  
-- but less than 50% of students in Chile, Ireland, Canada and Poland
- More than 90% of students in 27 OECD countries attended for at least some time  
-- but less than 30% in Turkey

# Relationship between PISA and pre-primary education

- In all OECD countries, students who attended pre-primary education for more than one year outperformed students who did not
- This finding remains unchanged after socio-economic background is accounted for
- Average advantage across OECD countries:
  - before accounting for socio-economic factors  
54 score points
  - after accounting for socio-economic factors  
33 score points

# Participation in pre-primary education for more than one year

