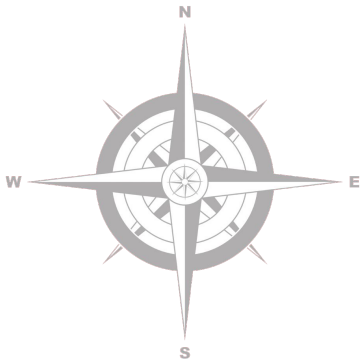# PISA/OECD Results
May, 2019

School Committee Presentation
January 7, 2020

WELLESLEY PUBLIC SCHOOLS
Learning • Caring • Innovating

Presentation Overview

- PISA/OECD @ WHS - Basics

- Scale Score Overview

- Highlights of WHS Results
  - *Reading*
  - *Mathematics*
  - *Science*

- Next Steps

PISA/OECD Basics

Purpose

To monitor district success in an international context

Use

Broad information to adjust district-level strategies

Indicators

Achievement: Reading, Math, Science

Environment: Climate, Engagement

Administration
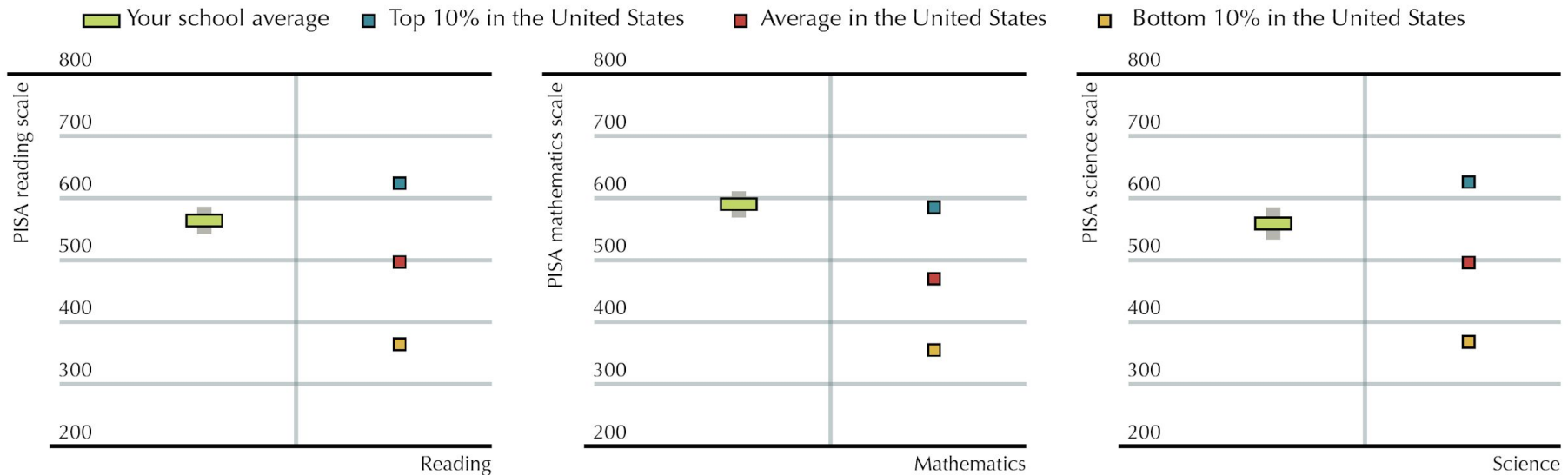
WHS: 83 15-yr-old students, May 2019

PISA comparison: 80 countries, 2015 and other years

Scale Score Overview (200 - 800)
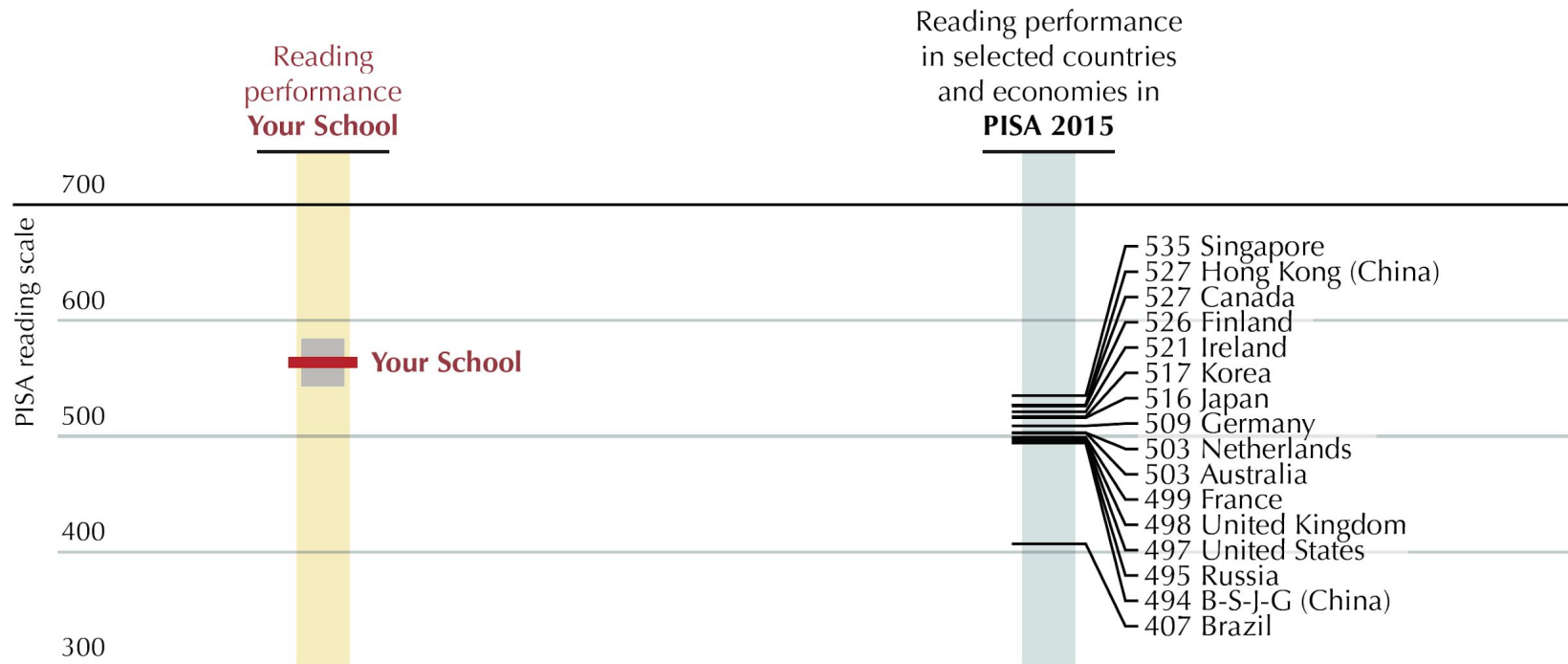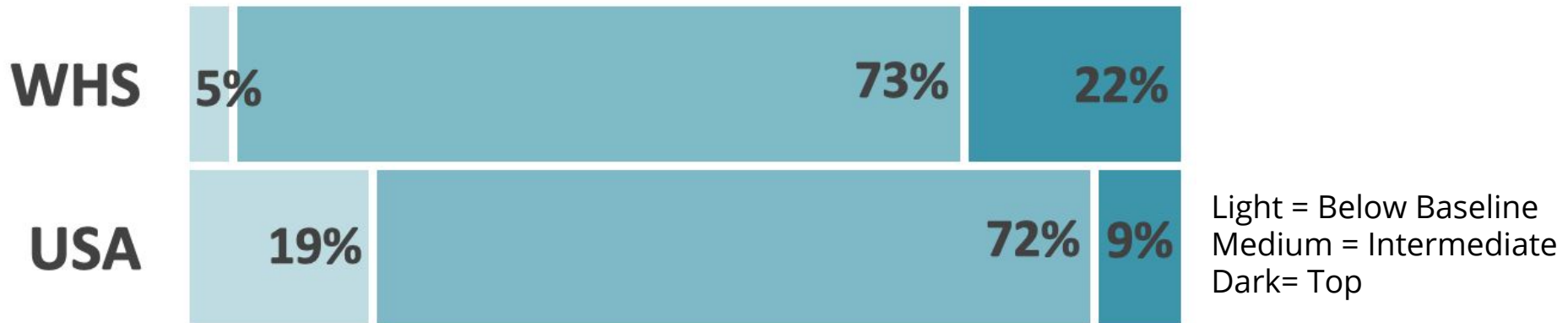
Mean Performance

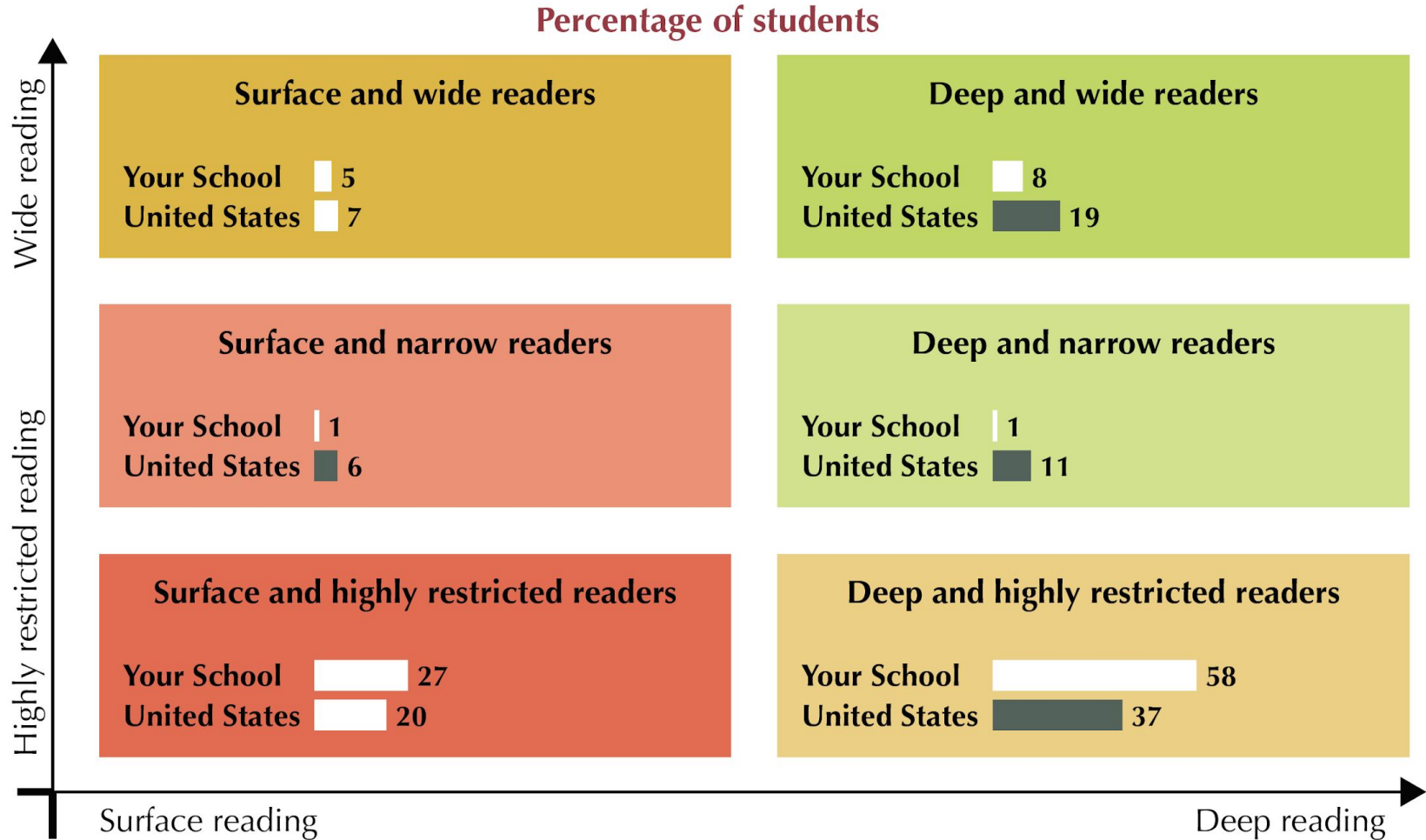|	READING	MATHEMATICS	SCIENCE
WPS	**564**	**590**	**559**
United States	**497**	**470**	**496**

Scale Score Overview

Note: Shaded bars above and below the mean score represent a 95% confidence interval. In other words, in the case of the results of your school, we are 95% confident that if your school were to administer the test several times to students, your mean performance score would fall within this confidence interval.

Reading (WPS 564)

WHS	5%	73%	22%
USA	19%	72%	9%

Light = Below Baseline
Medium = Intermediate
Dark= Top

Reading performance
Your School

Reading performance
in selected countries
and economies in
PISA 2015

PISA reading scale

700

600 — 535 Singapore
527 Hong Kong (China)
527 Canada
526 Finland
521 Ireland
517 Korea
Your School — 516 Japan
509 Germany
500 — 503 Netherlands
503 Australia
499 France
498 United Kingdom
400 — 497 United States
495 Russia
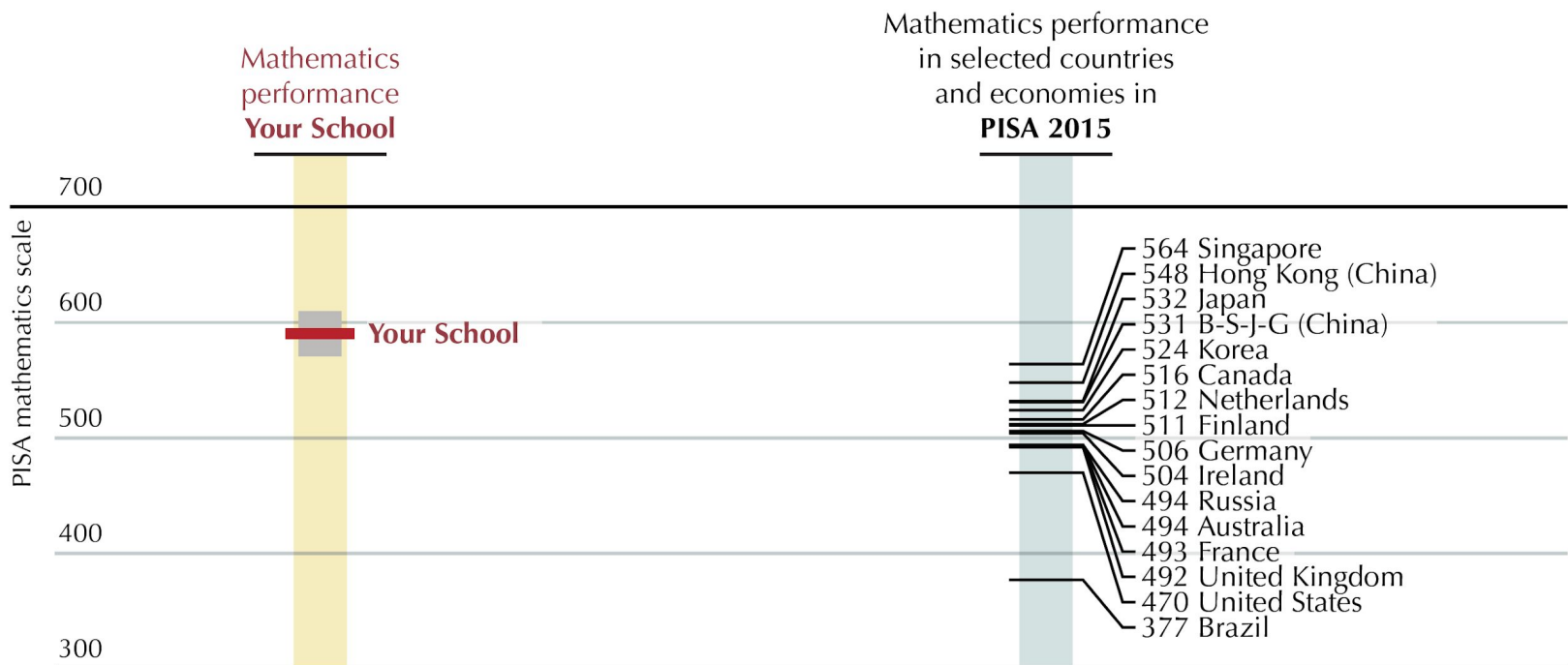494 B-S-J-G (China)
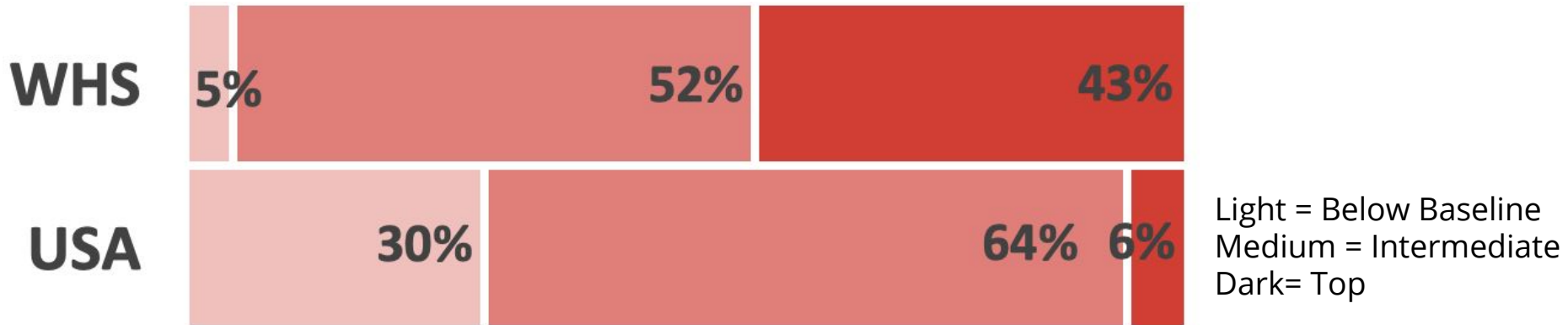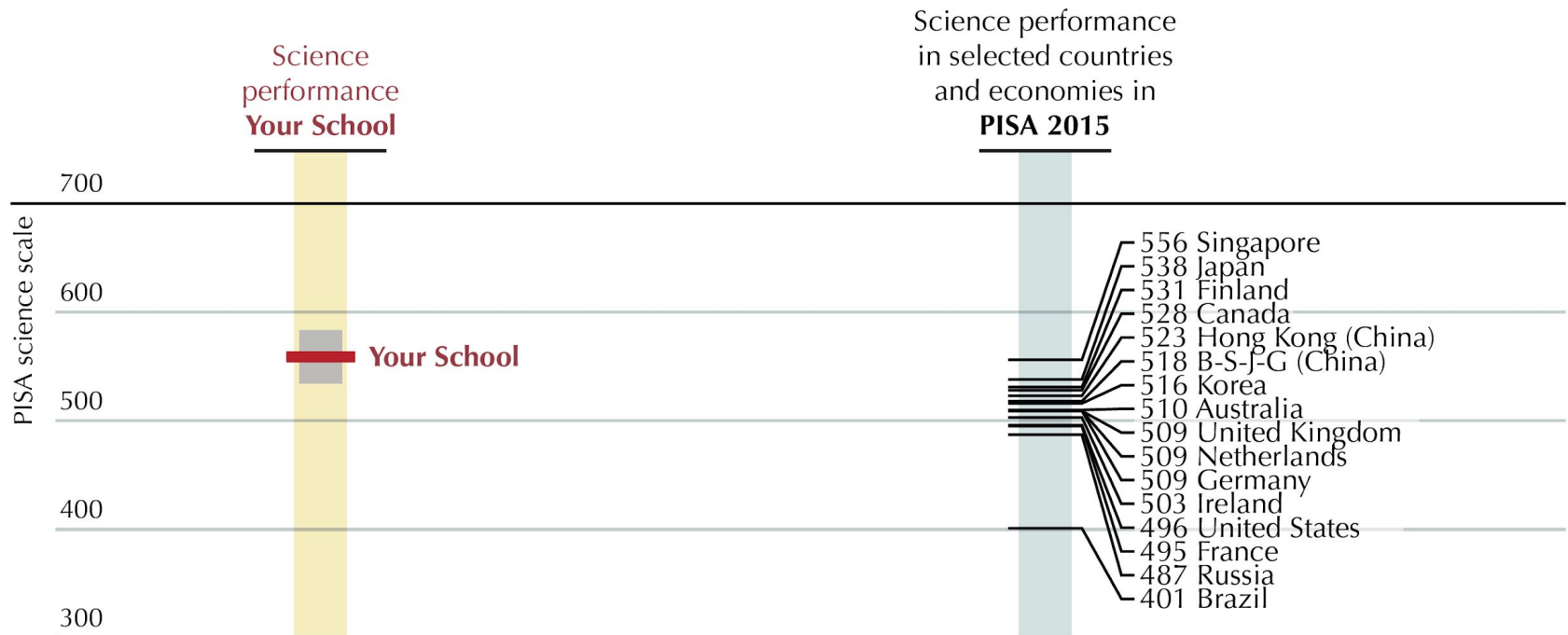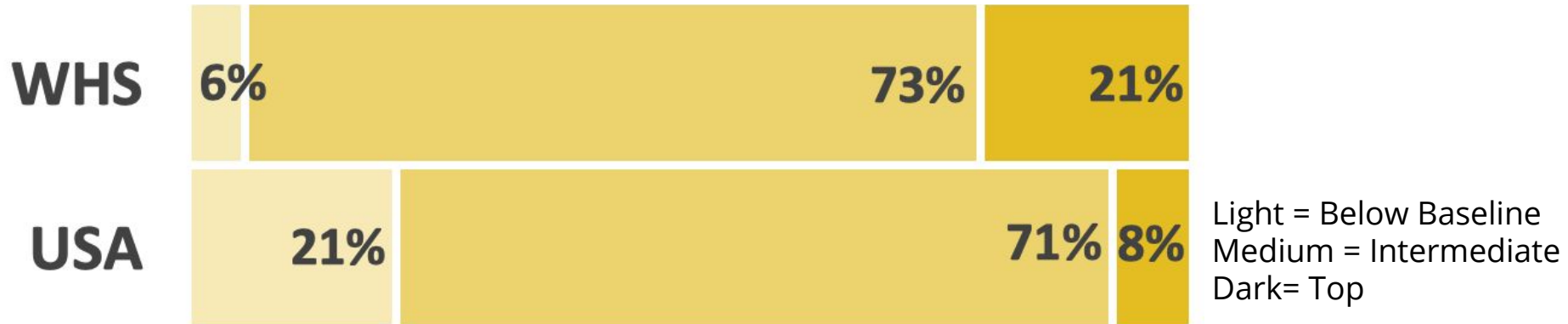407 Brazil

300

Reader Profiles

Percentage of students

Note: Values that are statistically significantly different from your school are marked in a darker tone.

Mathematics (WPS 590)

WHS 5% | 52% | 43%

USA 30% | 64% | 6%

Light = Below Baseline
Medium = Intermediate
Dark= Top

Mathematics performance
Your School

Mathematics performance
in selected countries
and economies in
PISA 2015

PISA mathematics scale

700

600

500

400

300

Your School

564 Singapore
548 Hong Kong (China)
532 Japan
531 B-S-J-G (China)
524 Korea
516 Canada
512 Netherlands
511 Finland
506 Germany
504 Ireland
494 Russia
494 Australia
493 France
492 United Kingdom
470 United States
377 Brazil

Science (WPS 559)

Light = Below Baseline
Medium = Intermediate
Dark= Top

Next Steps

1. Further analysis of the data around deep and wide reading -- and how this can inform teaching & learning in grades 6-12.

2. Utilize results alongside other key data sets (e.g. MCAS, MWAHS, NEASC) for strategic planning.

3. Consider PISA administration moving forward -- as part of the WPS Strategic Plan.