



# LEBANON

## PISA 2015



### TAKEAWAYS

#### **A first-time PISA participant, Lebanon scored poorly in all three subjects.**

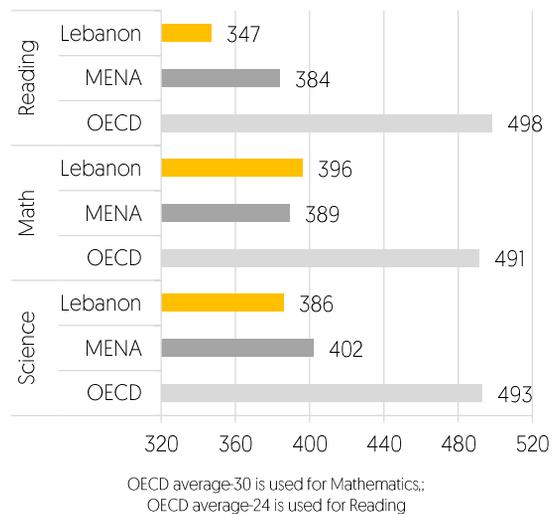
- Student performance is on average more than 3 years of schooling<sup>1</sup> below the OECD average. Performance in Reading is especially low, 37 points below the MENA average.
- For all three subjects, roughly two thirds of the students do not meet the basic proficiency level, which places them at risk of exclusion.

#### **What may be driving poor performance?**

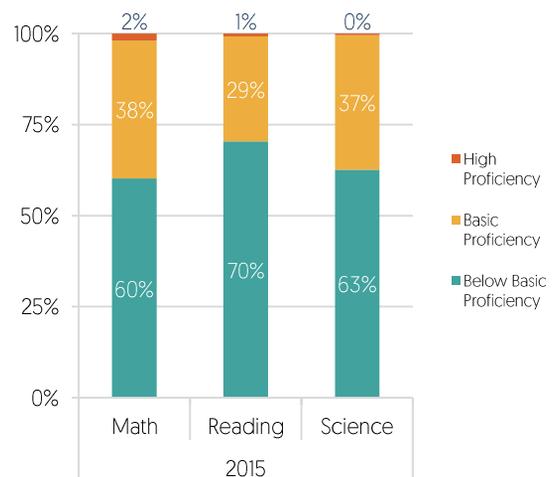
- **Socioeconomic background:** There are differences equivalent to nearly 3 years of schooling between students at the top and low income quintiles.
- **School type and location:** Student performance in private schools is roughly 2 years of schooling better than in public schools, while differences equivalent to one year of schooling exist between student performance in urban and rural schools.
- **Preschool:** The performance of students who completed more than one year of preschool is one year of schooling ahead of those with no preschool education.
- **School & Classroom:** Students in the top quintile of the Sense of Belonging Index<sup>2</sup> are more than three years of schooling ahead of those in the bottom quintile. Closely related is the Disciplinary Climate Index<sup>2</sup>, for which the difference in scores between the top and bottom quintiles is equivalent to one year of schooling.
- **Teachers:** Teacher-Directed Instruction<sup>2</sup> is associated with better student performance (48 points difference in Science scores between the top and bottom quintiles in this Index).
- **The Syrian refugee influx** has had an impact on the overall education systems. Yet, the very small number of Syrians in secondary school does not allow identifying any impact on the PISA results.



### SCORES PISA 2015



### STUDENT PERFORMANCE



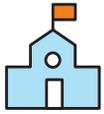
<sup>1</sup> 30 points in PISA scale = 1 year of schooling

Note: Unless specified, student performance in the *Takeaways Section* refers to Science scores.

Functionally illiterate and innumerate students are those who do not meet the basic proficiency levels.

# LEBANON

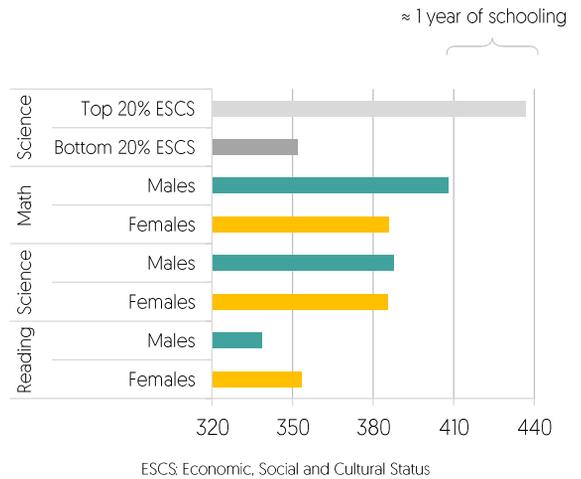
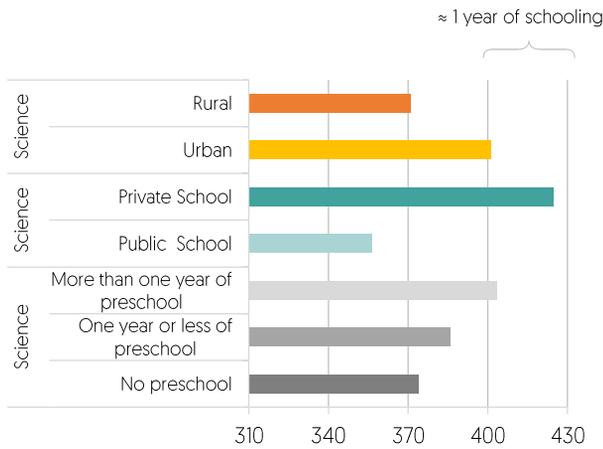
## PISA 2015



### SCHOOL PROFILE & PRESCHOOL

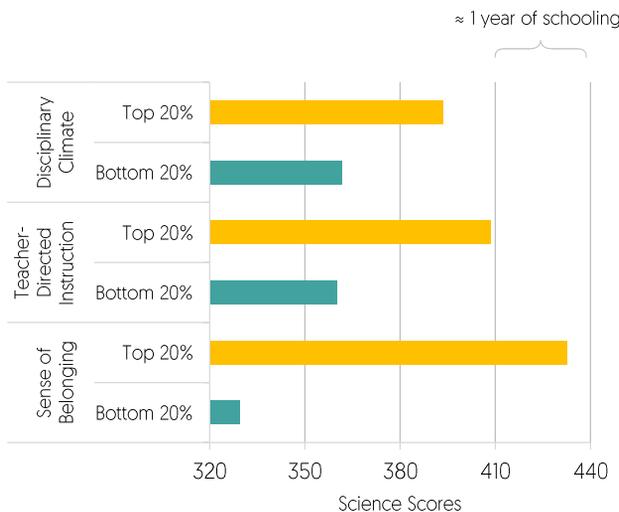


### EQUITY PROFILE

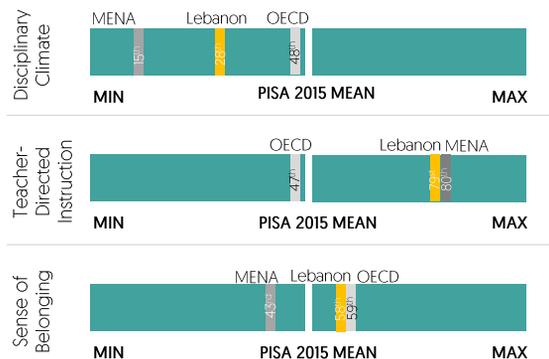


## SCHOOL, CLASSROOM & TEACHER

### LEBANON



### BENCHMARKING AGAINST MENA & OECD



Note: Numbers indicate percentiles.

#### <sup>2</sup> Key to Indices:

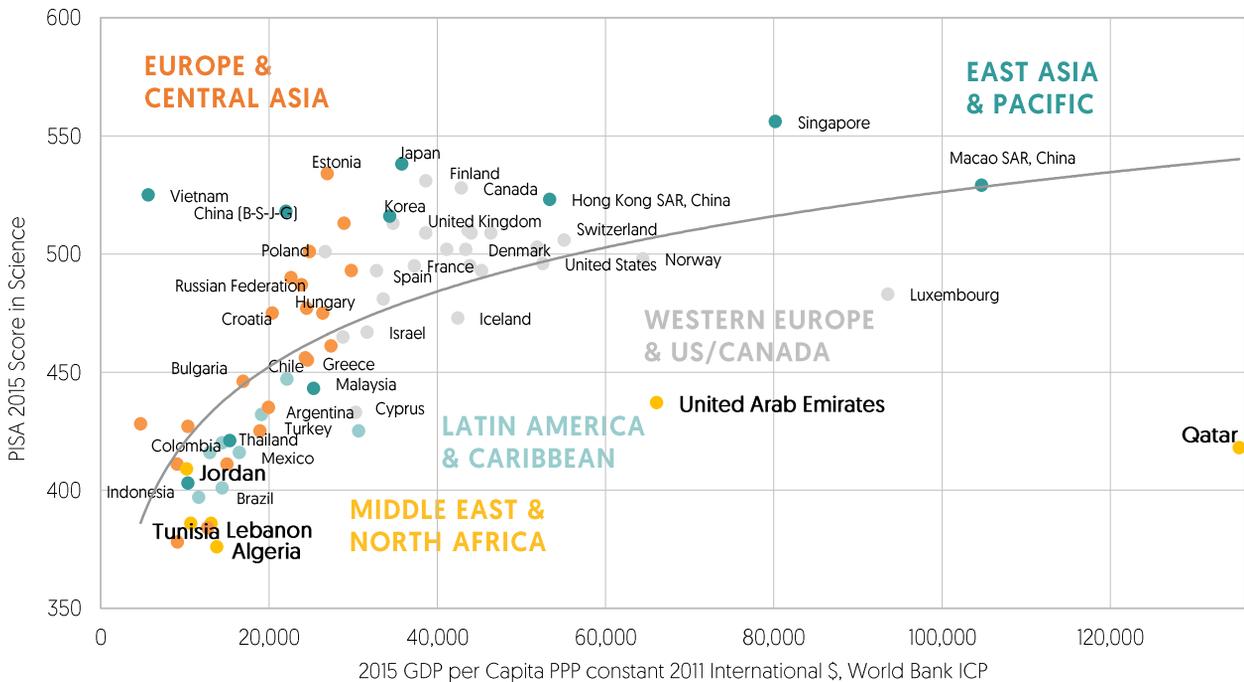
**Disciplinary Climate** Index measures the extent of classroom disruptions due to noise, disorder and other factors. **Teacher-Directed Instruction** Index measures the quality of instruction including how often the teacher explains scientific ideas, demonstrates ideas, discusses students' questions, and promotes classroom discussions. **Sense of Belonging** Index measures the extent to which students feel they belong to their school, make friends easily at school, etc. All indices are constructed using student responses. Top and Bottom 20% indicate percentiles in the corresponding indices.

# LEBANON

## PISA 2015



### PISA PERFORMANCE & GDP PER CAPITA



## WB EDUCATION ENGAGEMENT

### FINANCING:

- RACE Support Project
- Emergency Education System Stabilization Project
- Education Development Project II

### ANALYTICAL:

- RACE - Research for Results

### SABER<sup>3</sup>:

- SABER-Student Assessment (2013)
- SABER-Teachers (2010)

<sup>3</sup> Systems Approach for Better Education Results

## ABOUT PISA

### PISA: Program for International Student Assessment

PISA is the OECD's benchmarking tool to assess achievement and application of key knowledge and skills of 15 year-olds. PISA tests proficiency in mathematics, reading, science, and problem-solving. It was launched in 2000 and is conducted every three years, with a focus on one of the subjects in each round. In 2015, the focus is on Science. The test was taken by representative samples from 72 countries, including nearly 540,000 students. Six MENA countries participated in this PISA round: Algeria, Jordan, Lebanon, Qatar, Tunisia and the United Arab Emirates.