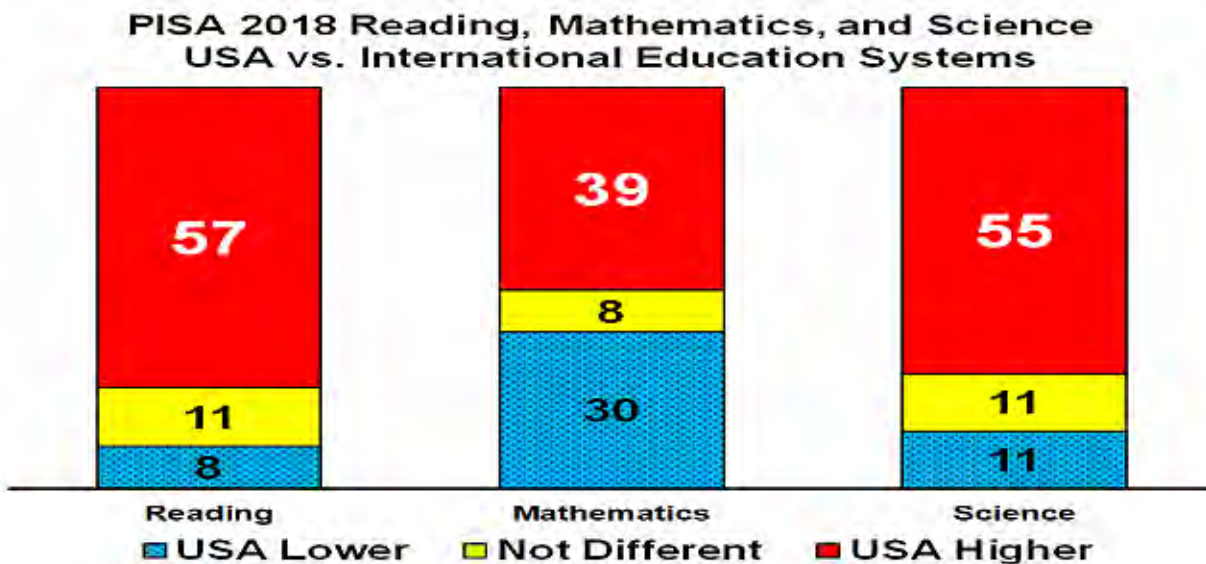




Program for International Student Assessment (PISA) PISA 2018 Reading, Mathematics, and Science Results

The Program for International Student Assessment (PISA) is a study of 15-year-old students' performance in reading, mathematics, and science literacy conducted every 3 years. The PISA 2018 results provide us with a global view of U.S. students' performance compared to their peers in nearly 80 countries and education systems.



In PISA 2018, reading literacy is defined as students' capacity to understand, use, evaluate, reflect on, and engage with texts in order to achieve one's goals; develop one's knowledge and potential; and participate in society. **Compared to the 76 other education systems in PISA 2018**, the U.S. average reading literacy score was lower than the average in 8 education systems, higher than the average in 57 education systems, and not measurably different from the average in 11 education systems.

In PISA 2018, mathematics literacy is defined as students' capacity to formulate, employ, and interpret mathematics in a variety of contexts. It includes reasoning mathematically and using mathematical concepts, procedures, facts, and tools to describe, explain, and predict phenomena. **Compared to the 77 other education systems in PISA 2018**, the U.S. average mathematics literacy score was lower than the average in 30 education systems, higher than the average in 39 education systems, and not measurably different from the average in 8 education systems.

In PISA 2018, science literacy is defined as students' ability to engage with science-related issues, and with the ideas of science, as a reflective citizen. A scientifically literate person is willing to engage in reasoned discourse about science and technology, which requires the competencies to explain phenomena scientifically, evaluate and design scientific enquiry, and interpret data and evidence scientifically. **Compared to the 77 other education systems in PISA 2018**, the U.S. average science literacy score was lower than the average in 11 education systems, higher than the average in 55 education systems, and not measurably different from the average in 11 education systems.