

Japan's student performance for PISA 2022

Top level globally In all 3 domains

1 Mathematical literacy

2 Reading literacy

1 Scientific literacy

※Rank among OECD member countries

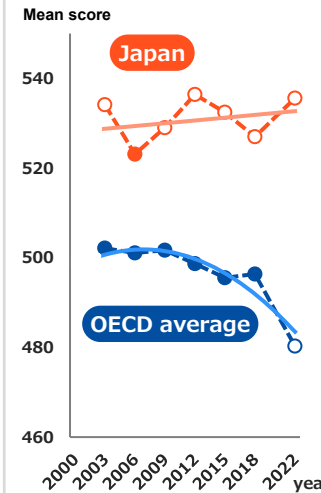
Comparison with OECD countries (37 countries)

	Mathematical literacy	Mean score	Reading literacy	Mean score	Science literacy	Mean score
1	Japan	536	Ireland	516	Japan	547
2	Korea	527	Japan	516	Korea	528
3	Estonia	510	Korea	515	Estonia	526
4	Switzerland	508	Estonia	511	Canada	515
5	Canada	497	Canada	507	Finland	511
6	Netherlands	493	United States	504	Australia	507
7	Ireland	492	New Zealand	501	New Zealand	504
8	Belgium	489	Australia	498	Ireland	504
9	Denmark	489	England	494	Switzerland	503
10	England	489	Finland	490	Slovenia	500
	OECD average	472	OECD average	476	OECD average	485

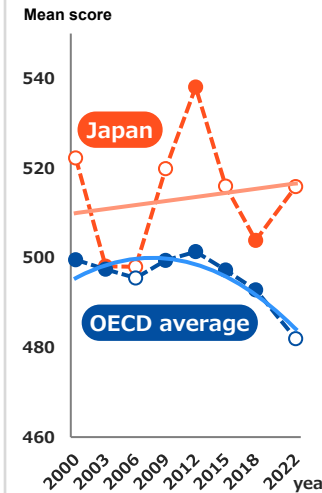
□ indicates countries with no statistically significant difference in scores from Japan

Japan's average scores improved in all 3 domains over previous PISA results

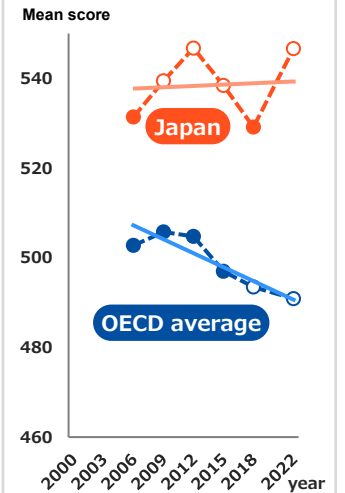
Mathematical literacy



Reading literacy



Science literacy



Note : White circles indicate mean scores that are not significantly higher or lower than PISA 2022 mean scores.

Noteworthy points of Japan's results

1 Small academic disparities

- Small disparity in scores for **mathematical literacy** between upper and lower levels of economic, social, and cultural status (ESCS).
- ESCS has **low impact** on student scores.



2 Scores at lower end of academic ability improved

- Compared to the OECD average, there are many high scorers with **Level 5 proficiency or above** and **few low scorers at Level 1 or below**.
- For reading literacy and science literacy, **the percentage of low scorers (Level 1 or below) significantly decreased** from previous cycle (PISA2018).

3 "Resilient" education systems

- Japan has a **flexible and robust education system**
 - *that can handle the challenges of the COVID pandemic.
 - *According to OECD analysis, the resilient countries (/ regions) include Japan, Korea, Lithuania, and Chinese Taipei.



4 Advanced educational environment and disciplined classes

- Japan in **5th place** among OECD countries for **"Quality of access to ICT index."**
- Japan **1st** in **"disciplined climate in mathematics" index**.
- Japanese students **less likely to be distracted by ICT devices in class**.

Holistic education with well-balanced fostering of solid academic ability, richness in mind and a healthy body

- Holistic education that integrates development of child's solid academic ability, richness in mind and a healthy body



Education that fosters children's cooperativeness, sense of norms, social skills

- Acquiring well-rounded character and zest for life through moral education, special activities, experiential activities, student guidance, etc.



Advanced ICT environment (GIGA School Program)

- In only 1-2 years, MEXT provided 1 computer to 1 student in elementary and junior high schools (initiative unparalleled in world)
- Realizing environment enabling children to use ICT as new "pencils and paper"



High-quality teachers High-quality lessons

- Assigning high-quality teachers across the country who continue to learn and grow throughout their careers
- Continuous improvement of lessons centered on "lesson study," where teachers observe each other's lessons and mutually improve them



Holistic education balancing solid academic ability, richness in mind and a healthy body

Preparing high-quality, state-of-the-art education environments

New learning that has evolved after the Covid-19

Ensuring learning opportunities

Achieving world-class education

Ensuring learning during times of emergency

- Minimized school closure periods due to COVID
- Efforts of teachers, boards of education to keep children learning
- Continuation of face-to-face learning unique to schools

Post-COVID initiatives

- Nature, culture and arts experiences
- Integrated further promotion of community schools and community cooperation activities for learning and education
- School counselors, school social workers



Assured level of education anywhere in Japan*1

- The National Curriculum Standards and textbook certification ensure certain level of education no matter where in Japan

Improving lessons to overcome SES disadvantages*2

- Improving lessons through proactive, interactive, deep learning
- Integrated enhancement of personalized and self-regulated learning and collaborative learning

Seamless educational financial assistance from early childhood to higher education by making free of charge and reducing costs

*1 No major disparities in academic ability on regional basis (large cities and remote areas). No major disparities among prefectures.

*2 Students who engage in "proactive, interactive, and deep learning" tend to have higher scores in each subject regardless of SES.