

Program for International Student Assessment Overview (PISA) 2022

A Publication of the National Center for Education Statistics at IES



What is PISA?

The Program for International Student Assessment (PISA) is an international assessment of students nearing the end of compulsory education that measures how well students apply their knowledge and skills in mathematics, reading, science, and financial literacy to problems set in real-life contexts. Conducted seven times since 2000, the next round of PISA in 2022 will include students from more than 80 countries and education systems around the world, including the United States. PISA is coordinated by the Organization for Economic Cooperation and Development (OECD) and conducted in the United States by the National Center for Education Statistics (NCES) within the U.S. Department of Education.

Why is PISA important and what are the benefits of participating?

PISA provides a unique opportunity for the United States to understand how well students nearing the end of compulsory education are prepared to enter the workforce or post-secondary education in comparison to their peers from more than 80 countries. Through participating in PISA, schools and students contribute to ongoing efforts to improve education in our country. PISA helps identify U.S. students' strengths and weaknesses in the domains of mathematics, reading, science, and financial literacy and offers insights into successful policies and practices in other countries.



Each school and student that participates in PISA plays a vital role in representing other schools and students that are similar. It is essential that sampled schools contribute to this important measurement of educational progress to ensure the U.S. sample reflects the knowledge and skills of *all* students across the country.

Schools participating in PISA may also receive a school-level report (pending sample size and response rate requirements). The school report, provided only to your school, presents comparisons of your school's average scores with the average scores of participating education systems, including the United States, and can serve as a benchmark for your students' performance among other similar U.S. schools based on specific school-level characteristics.

As a token of appreciation for participating, schools will receive \$250, the school coordinator will receive \$200, and students who participate will each receive \$25 and 4 hours of volunteer service time.

What will schools and students be asked to do in PISA 2022?

PISA 2022 has three primary components: (1) a computer-based student assessment, (2) a computer-based student questionnaire, and (3) an online school questionnaire.

- Up to 52 students in each school will be selected to participate in the PISA assessment, which takes about 3 hours, including instructions, breaks, and a questionnaire. Students will answer questions in various combinations of mathematics, reading, science, and financial literacy.
- The principal of each school will be asked to appoint a staff member to act as the PISA school coordinator. The school coordinator will work with Westat staff to coordinate the assessment and submit a student list for sampling. The principal of each school will also be asked to complete a 45-minute online questionnaire about school and student body characteristics and policies.

How is PISA developed?

PISA is developed through an international collaborative process involving input from U.S. and international experts in science, reading, mathematics, financial literacy, and educational measurement. The PISA assessment materials are thoroughly reviewed by within-country experts to make sure the materials are appropriate for each country's students. Finally, the final assessment materials are endorsed by all participating countries.

What do PISA questions look like?

Some items require students to select from among possible responses, while others require students to solve problems and provide written answers. Examples of PISA assessment questions are available at <https://nces.ed.gov/surveys/pisa/educators.asp> and <https://www.oecd.org/pisa/pisaproducts/pisa-test-questions.htm>.



PISA 2022 Timeline of Activities

	March-August 2022	August-October 2022 Preassessment Contact	September-November 2022 Assessment Visit	Acknowledgements and Benefits
PISA Staff	<ul style="list-style-type: none"> Provide the school with materials explaining PISA and its importance. Work with the school coordinator to set an assessment date. Safeguard data collected from schools, staff, and students. 	<ul style="list-style-type: none"> Call the school coordinator to discuss assessment day, space, and student participation. Select a random sample of eligible students to participate. Provide online access information for the school questionnaires to the school coordinator. Hold student meeting prior to the assessment. 	<ul style="list-style-type: none"> Conduct assessment from start to finish. Furnish all the assessment materials and computers. Meet with the school coordinator after the assessment. Pack up the materials to ensure that the assessments are complete and secure. 	
Principal	<ul style="list-style-type: none"> Identify a school coordinator. 		<ul style="list-style-type: none"> Complete an online school questionnaire on the characteristics of your school. 	<ul style="list-style-type: none"> Represent other similar U.S. schools. Participating schools receive \$250.
School Coordinator	<ul style="list-style-type: none"> Select an assessment date convenient for your school. Arrange for the use of a classroom or an alternative quiet space for the assessment. Determine parent notification procedures. Provide a list of eligible students to PISA staff. 	<ul style="list-style-type: none"> Notify selected students, and students' parents, of the study and importance of participating. Arrange time and space for student meeting with PISA representative prior to the assessment. Notify teachers of the sampled students of their selection to participate and request that teachers release students from class on assessment day. Coordinate the principal's completion of the school questionnaire. Confirm the date and location of the assessment for PISA staff. Collect parental consent forms where required and submit to PISA staff. 	<ul style="list-style-type: none"> Arrange assessment space. Help ensure all sampled students attend the assessment. Ensure all sampled students are released from class for the assessment. Meet with PISA staff after the assessment. 	<ul style="list-style-type: none"> Receive \$200 as a thank you for time and effort in coordinating the assessment.
Students			<ul style="list-style-type: none"> Take the assessment and complete a student questionnaire. 	<ul style="list-style-type: none"> Receive a Certificate of Volunteer Service for 4 hours of community service. Represent other U.S. students like themselves and contribute to the profile of what our nation's students know and can do. Receive \$25 as a thank you for participating.

Find Out More <https://nces.ed.gov/surveys/pisa/>

Which countries are participating in PISA 2022?

Albania*	Colombia	Indonesia*	(Republic of)*	Sweden
Argentina*	Costa Rica	Ireland	Norway	Switzerland
Australia	Croatia*	Israel	Palestinian Authority*	Chinese Taipei*
Austria	Czech Republic	Italy	Panama*	Thailand*
Azerbaijan (Baku City only)*	Denmark	Jamaica*	Paraguay*	Turkey
Belarus*	Dominican Republic*	Lebanon*	Peru*	Ukraine*
Belgium	El Salvador*	Lithuania	Philippines*	United Arab Emirates*
Bosnia and Herzegovina*	Estonia	Macao (China)*	Poland	United Kingdom (excluding Scotland)
Brazil*	Finland	Malaysia*	Portugal	United Kingdom (Scotland)
Brunei Darussalam*	France	Malta*	Qatar*	United States
Bulgaria*	Georgia*	Mexico	Romania*	Uruguay*
Cambodia*	Germany	Moldova (Republic of)*	Russian Federation*	Uzbekistan*
Canada	Greece	Mongolia*	Saudi Arabia*	Vietnam*
Chile	Guatemala*	Montenegro*	Serbia*	
China	Hong Kong (China)*	Morocco*	Singapore*	
China (People's Republic of)*	Hungary	Netherlands	Slovak Republic	
	Iceland	New Zealand	Slovenia	
	India*	North Macedonia	Spain	

Where do I find more information?

Visit the PISA website at <https://nces.ed.gov/surveys/pisa/>

For additional questions about PISA 2022, contact the PISA U.S. home office at 1-888-638-2597 or email PISAHELP@westat.com.

The National Center for Education Statistics (NCES) is authorized to conduct the Program for International Student Assessment (PISA) by the Education Sciences Reform Act of 2002 (ESRA 2002, 20 U.S.C. §9543), and to collect students' education records from educational agencies or institutions for the purpose of evaluating federally supported education programs under the Family Educational Rights and Privacy Act (FERPA, 34 CFR §§ 99.31(a)(3)(iii) and 99.35). The data are being collected for NCES by Westat, a U.S.-based research organization. All of the information you provide may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law (20 U.S.C. §9573 and 6 U.S.C. §151).

OECD non-members are marked with an asterisk (*).