

Advanced Math

What is advanced math?

In the accountability framework, participation in advanced math coursework is measured by the percentage of students participating in advanced math courses in grades 8 and 9. Idaho measures and reports participation in advanced math courses but will not use these results for school identification.

Why is advanced math important?

Research shows that students learn more in schools that emphasize high academic expectations and students that take higher level academic courses learn more. This research reports the use of the enrollment in on-grade or above-grade mathematics courses as an indicator of school quality and student success. This indicator allows for the evaluation of local programs in aligning curriculum and instruction and in setting high expectations for student achievement.

How will Idaho calculate advanced math for school accountability?

Students in Grade 8 completed Pre-Algebra or higher

Number of 8th grade students who have ever completed Pre-Algebra or higher level mathematics course(s) in the 2019-20 school year

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Total number of 8th grade students enrolled as of May 1, 2020

Students in Grade 9 completed Algebra I or higher

Number of 9th grade students who have ever completed Algebra I or higher level mathematics course(s) in the 2019-20 school year

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Total number of 9th grade students enrolled as of May 1, 2020

A list of the math courses that count for these measures is available in the full business rules document.

Data sources

The SDE calculates the percentage of students completing advanced mathematics courses based on the school and course enrollment records submitted from districts and charter schools via ISEE. Districts and charter schools must accurately report school enrollment and course enrollment records to the SLDS via ISEE.

Questions? Contact the Assessment & Accountability team at assessments@sde.idaho.gov

