

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

The percentage of students in grade 8 completing Pre-Algebra or higher-level mathematics course(s) is calculated using the following formula:

Number of 8th grade students who have ever completed Pre-Algebra
or higher level mathematics course(s) in the 201718 school year

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Total number of 8th grade students enrolled as of May 4, 2018

Students in Grade 9 completed Algebra I or higher

The percentage of students in grade 9 completing Algebra or higher-level mathematics course(s) is calculated using the following formula:

Number of 9th grade students who have ever completed Algebra
or higher level mathematics course(s) in the 201718 school year

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Total number of 9th grade students enrolled as of May 4, 2018

Data sources

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