

Framework Participation Rate Calculations: FACT SHEET

Accountability & Data Analysis Unit



Background

The participation rates used for the performance frameworks combine all of the assessment records for each subject area across all grade levels within a given school or district. For multi-level schools and districts that serve high school, the PSAT/SAT Evidence-Based Reading and Writing results are combined with the English Language Arts results. These are the rules for the standard participation rates. The rules for the rates used for state accountability would be the same except that parent opt-outs would be removed from both the numerator and the denominator, and English learners who have been in the U.S. for less than one year would count as participants for the ELA test regardless of whether they received a valid test score.

District accountability contacts are provided participation detail files via Syncplicity that allow for the calculation of reported participation and accountability participation rates. The process for determining total records, valid scores, participation rates are detailed below for each assessment. Please note, SAT11 was excluded from participation rate calculations within the 2018 preliminary school and district performance frameworks.

Calculations by Assessment & Level

CMAS English Language Arts, Math, Science, and Spanish Language Arts

- **District-Level Calculations**
 - o To calculate **'total records'** include all records for students in grades 03 through 08 in the denominator except the following:
 - Exclude invalid records or records where students did not test for the following reasons:
 - Withdrew Before Completion
 - Taking alternate assessment
 - Part Time Public and Part Time Home School Student
 - Medical Exemption
 - Exclude records for detention facilities – school code between 9801 and 9809
 - Exclude records for students enrolled in home options schools
 - Exclude any records with invalid grade levels (i.e., grade level no served by the school associated with the test record)
 - Exclude any duplicate records (each student should have only one record for each subject area included in the participation rate calculations)
 - o To calculate **'valid scores'** numerator includes all students who received a valid test score
- **School-Level Calculations**
 - o To calculate **'total records'** include all records for students in grades 03 through 08 in the denominator except the following:
 - Exclude invalid records or records where students did not test for the following reasons:
 - Withdrew Before Completion
 - Taking alternate assessment
 - Part Time Public and Part Time Home School Student
 - Medical Exemption



- Exclude records for detention facilities – school code between 9801 and 9809
- Exclude records for students enrolled in home options schools
- Exclude records for students enrolled in home options schools
- Exclude any records with invalid grade levels (i.e., grade level no served by the school associated with the test record)
- Exclude any duplicate records (each student should have only one record for each subject area included in the participation rate calculations)
- Excluded expelled students
- To calculate **‘valid scores’** numerator includes all students who received a valid test score

Colorado PSAT 9 & 10 and SAT 11

- District-Level Calculations

- To calculate **‘total records’** include all records for students in grades 09 through 11 in the denominator except the following:
 - Exclude invalid records or records where students did not test for the following reasons:
 - Withdrew Before Completion
 - Taking alternate assessment
 - Part Time Public and Part Time Home School Student
 - Medical Exemption
 - Exclude records for detention facilities – school code between 9801 and 9809
 - Exclude records for students enrolled in home options schools
 - Exclude any records with invalid grade levels (i.e., grade level no served by the school associated with the test record)
 - Exclude any duplicate records (each student should have only one record for each subject area included in the participation rate calculations)
- To calculate **‘valid scores’** numerator includes all students who received a valid test score

- School-Level Calculations

- To calculate **‘total records’** include all records for students in grades 09 through 11 in the denominator except the following:
 - Exclude invalid records or records where students did not test for the following reasons:
 - Withdrew Before Completion
 - Taking alternate assessment
 - Part Time Public and Part Time Home School Student
 - Medical Exemption
 - Exclude records for detention facilities – school code between 9801 and 9809
 - Exclude records for students enrolled in home options schools
 - Exclude records for students enrolled in home options schools
 - Exclude any records with invalid grade levels (i.e., grade level no served by the school associated with the test record)
 - Exclude any duplicate records (each student should have only one record for each subject area included in the participation rate calculations)
 - Excluded expelled students
- To calculate **‘valid scores’** numerator includes all students who received a valid test score



CoAlt: DLM (Dynamic Learning Maps Alternate Assessment Program)

- District-Level Calculations

- To calculate **'total records'** include all records for students in grades 03 through 11 in the denominator except the following:
 - Exclude invalid records or records where students did not test for the following reasons:
 - Withdrew Before Completion
 - Taking regular assessment
 - Part Time Public and Part Time Home School Student
 - Medical Exemption
 - Exclude records for detention facilities – school code between 9801 and 9809
 - Exclude records for students enrolled in home options schools
 - Exclude any records with invalid grade levels (i.e., grade level no served by the school associated with the test record)
 - Exclude any duplicate records (each student should have only one record for each subject area included in the participation rate calculations)
- To calculate **'valid scores'** numerator includes all students who received a valid test score

- School-Level Calculations

- To calculate **'total records'** include all records for students in grades 03 through 11 in the denominator except the following:
 - Exclude invalid records or records where students did not test for the following reasons:
 - Withdrew Before Completion
 - Taking regular assessment
 - Part Time Public and Part Time Home School Student
 - Medical Exemption
- To calculate **'valid scores'** numerator includes all students who received a valid test score

Where can I learn more?

- E-mail questions to: accountability@cde.state.co.us
- <http://www.cde.state.co.us/accountability/performanceframeworksresources>
- [View all CDE fact sheets: www.cde.state.co.us/communications/factsheetsandfaqs](http://www.cde.state.co.us/communications/factsheetsandfaqs)