



DISTRICT OF COLUMBIA

OFFICE OF THE STATE SUPERINTENDENT OF

EDUCATION

Business Rules for DC Assessment Participation and Performance Calculations for School Year 2016-17

Introduction

This document provides final business rules for the calculation of the assessment participation rate and performance results for required statewide assessments administered during school year 2016-17.

Statewide Assessment Participation Rate

For full details on the policy for participation in the required statewide (“districtwide”) assessments, refer to the [“Districtwide Assessments Participation Policy for 2016-17.”](#)

Eligibility criteria used to determine assessment participation:

- Students must be enrolled in a grade or course with a required assessment, per the requirements in the “Districtwide Assessments Participation Policy for 2016-17.”

- Students are continuously enrolled during the school’s testing window.¹

--or--

Students are not continuously enrolled during the school’s testing window but tested at that school and received a valid score.

- Exceptions:
 - Students with an OSSE-approved medical exemption will not be included in the numerator or denominator of the participation calculation.
 - Recently arrived Limited English Proficient (LEP)/English learner (EL) students who first enrolled in U.S. schools within 12 months from the first day of the previous year’s test window are exempt from taking the PARCC ELA or MSAA ELA assessment.
 - These students are required to take PARCC mathematics or MSAA mathematics, DC Science (in appropriate grades) or DC Science Alternate, and ACCESS for ELLs 2.0.
 - These students will only be excluded from the numerator *and* denominator of the ELA participation calculation if ACCESS for ELLs 2.0 is administered.
 - Students who were continuously enrolled in multiple schools and who did not participate in a required test are included in the participation denominator of the school where the student was enrolled longest during the school year.²

¹ The DC Science Alternate assessment is a portfolio assessment and therefore continuously enrolled does not apply.

² If a student was continuously enrolled during more than one school’s testing window, the student is counted as a participant at the school in which he/she tested.

- Students who were continuously enrolled in multiple schools and who did participate in a required test are included in the participation numerator and denominator of the school where the student took the assessment.

To be counted as “participant” in the participation calculation numerator, a student must receive a valid score on a required assessment. Students will receive a valid score on a required assessment if they meet the assessment’s attemptedness rules.³

Students who earn valid summative scores and meet all participation eligibility criteria will be considered participants for participation reporting. Students who meet all participation eligibility criteria and do not earn valid summative scores will not be considered participants for participation reporting.

Participation calculation for Grades 3-8: ELA
$\frac{\text{\# of students with valid summative score in ELA on required grade-level test}}{\text{\# of students continuously enrolled in grades 3-8 during the school's testing window (except for approved medical exemptions, \& first year enrolled ELs when ACCESS is administered)}}$

Participation calculation for Grades 3-8: Math or Science
$\frac{\text{\# of students w/ valid summative score in math/science on required test (grade level or HS EOC for grades 7 and 8 in math)}}{\text{\# of students continuously enrolled in grades 3-8 (math) or grade 5 or 8 (science) during the school's testing window (except for approved medical exemptions)}}$

Participation calculation for HS ELA
$\frac{\text{\# of students with valid summative score in ELA on required test}}{\text{\# of students continuously enrolled during the school's testing window in a course with a required test (except for approved medical exemptions, \& first year enrolled ELs when ACCESS is administered)}}$

Participation calculation for HS Math or Science
$\frac{\text{\# of students with valid summative score on required test}}{\text{\# of students continuously enrolled during the school's testing window in a course with a required test (except for approved medical exemptions)}}$

³ PARCC attemptedness rule for 2017 is that students must answer at least one question in every unit of a test minus one. For instance, in an ELA test that is 4 units long, a student would need to answer 1 question in 3 of 4 units to be considered a test attempt. For MSAA in 2017, a test is considered attempted if any one item in any part of the test was completed or if it was closed due to the early stopping rule (e.g, stopped because there was no observable communication). For DC Science, given the complexity of the assessment design and the domain scoring requirements, a student will meet the attemptedness rules if he/she attempted 25% of the items on the assessment.

Statewide Assessment Performance Results Calculation

All participants are assigned to a performance level based on their performance on each assessment. Performance results will be calculated by identifying the percentage of participants who scored at a given performance level out of the total number of participants on a given assessment.

Eligibility criteria used to determine the student universe for assessment performance results calculations:

- Students must receive a valid score on a required assessment. For full details on the policy for participation in the required statewide (“districtwide”) assessments, refer to the “Districtwide Assessments Participation Policy for 2016-17.”
 - Students who take optional high school assessments are not counted for performance reporting.
 - Students in grades 7 and 8 who take high school course-based mathematics assessments are counted for performance reporting, as the high school course-based assessment takes the place of the required grade-level assessment.⁴
- Students must be identified as a participant for purposes of calculating the statewide assessment participation rate.
- Students must be enrolled for the full academic year (FAY) for their scores to be counted for performance calculations.
 - Students will be deemed enrolled for the FAY at their school if they are enrolled in the same school for 85% of the school days between the official Enrollment Audit count day (October 5, 2016) and the first day of the State assessment window for 2016-17 for each of the required assessments.
 - Students will be deemed enrolled for the FAY at their LEA if they are enrolled in the same LEA for 85% of the school days between the official Enrollment Audit count day (October 5, 2016) and the first day of the State assessment window for 2016-17 for each of the required assessments.
 - FAY applies to MSAA, PARCC, DC Science, and the DC Science Alternate Portfolio Assessment. The assessment windows are as follows:
 - MSAA: March 27 – May 12, 2017
 - PARCC: April 10 – June 5, 2017
 - DC Science: April 24 – June 9, 2017
 - DC Science Alternate: This is a portfolio assessment and therefore does not have a comparable test window start date. FAY will be calculated using the MSAA start date of March 27.

⁴ According to a waiver from the U.S. Department of Education, DC may permit students who took advanced high school mathematics coursework in middle school to be assessed with the corresponding high school assessments in place of the mathematics assessment for the grade in which the student is enrolled.

The following additional business rules apply to assessment performance results reporting:

- Scores of students are only reported at the level at which FAY requirements are met for public reporting calculations.
 - Students who meet the FAY criteria for their school will be included in performance calculations for the school, LEA, and the State.
 - Students who do not meet the FAY criteria for the school but do meet FAY criteria for the LEA will be included in performance calculations for the LEA and the State.
 - Students who do not meet the FAY criteria for the school or LEA but do meet it for the State will be included in performance calculations for the State.
- Recently arrived LEP/EL students first enrolled in U.S. schools within 12 months from the first day of the previous year's test window are not included in local 2016-17 assessment performance results reporting.
- For the LEP/EL and special education subgroups, students who exited LEP/EL or special education status within the past two years are included in performance reporting for that subgroup.
- Finally, the minimum number of students in a school and/or subgroup for aggregating performance is 25.