

**Calculating ESSA**  
**July 31, 2019**

This document provides information on code specifications used in accountability calculations under the *Every Student Succeeds Act of 2015* (ESSA). Detailed information on the federal accountability indicators, the identification of schools for support and improvement, and additional reporting requirements under ESSA is available in the *Federal Accountability under ESSA* document.

English Reading Participation		
Grades 3-8:	Numerator: Of the test records included in the denominator, the number of test records with a valid score	<ul style="list-style-type: none"> <li>• Include Testing Status of 7, 50 or 51</li> <li>• Do not include original tests with a nonstandard accommodation</li> </ul>
	Denominator: Excluding tests with a testing status of 4 or 9, one test record per STI using the highest scoring test when there are multiple attempts	<ul style="list-style-type: none"> <li>• Do not include EL Exempt records</li> <li>• Do not include retests with a nonstandard accommodation</li> </ul>
High School:	Numerator: Of the students in the denominator, the number that attempted: <ul style="list-style-type: none"> <li>· the EOC VAAP English Reading, or</li> <li>· EOC English Reading SOL tests</li> </ul> While in grades 9, 10, 11, 12 or TT	<ul style="list-style-type: none"> <li>• SOL and VAAP only (no sub tests)</li> <li>• Do not include original tests with a nonstandard accommodation</li> </ul>
	Denominator: The students in the current FGI Cohort excluding Long-Term Absent, Unconfirmed, Dropout, Deceased, Transfer Out, and students not tested who transferred in after September 30 of their ninth grade year	<ul style="list-style-type: none"> <li>• Use current cohort - do not lag a year</li> <li>• "Students not tested" means not tested by definition in the numerator of the participation rate</li> </ul>

## English Reading Pass Rates

Grades 3-8:	Numerator: Of the test records included in the denominator, the number of test records with a passing score	
	Denominator: The higher of: <ul style="list-style-type: none"> <li>A. The number of students who               <ul style="list-style-type: none"> <li>· Passed their SOL or VAAP English Reading test, or</li> <li>· Failed their SOL or VAAP English Reading test <u>and</u> were enrolled for half the year or more</li> </ul> </li> <li>OR</li> <li>B. 95% of the number of students who:               <ul style="list-style-type: none"> <li>· Passed their SOL or VAAP English Reading test, or</li> <li>· Failed their SOL or VAAP English Reading test and were enrolled for half the year or more, or</li> <li>· Did not attempt a VAAP or SOL English Reading test elsewhere and were active on the EOY SRC and enrolled for half the year or more, or</li> <li>· Did not attempt VAAP or SOL English Reading test elsewhere and were inactive on the EOY SRC and enrolled for 95% or more of the year</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• One test record per STI using the highest scoring test when there are multiple attempts</li> <li>• If a student has a test record with any of the following, remove them from the denominator: EL Exempt, nonstandard accommodation, or failing retest</li> </ul> <p>Active records - SRC active code is A or V Inactive records - SRC active code is I</p>
High School:	Numerator: Of the students in the denominator <b>A (passplusenroll)</b> , the number that passed: <ul style="list-style-type: none"> <li>· the EOC VAAP English Reading, or</li> <li>· EOC English Reading SOL tests</li> </ul>	<ul style="list-style-type: none"> <li>• Do not include test records with a nonstandard accommodation</li> </ul>
	Denominator: <b>Excluding Long-Term Absent, Unconfirmed, Dropout, Deceased, Transfer Out, and students not tested who transferred in after September 30 of their ninth grade year</b> in the FGI Cohort, the higher of: <ul style="list-style-type: none"> <li>A. While in grade 9, 10, 11, 12 or TT, the number of students in the cohort who               <ul style="list-style-type: none"> <li>· Passed their EOC SOL or VAAP English Reading test, or</li> <li>· Were enrolled for half the year or more of their cohort year</li> </ul> </li> <li>OR</li> <li>B. 95% of the number of students in the cohort who were enrolled for half the year or more of their cohort year</li> </ul>	<ul style="list-style-type: none"> <li>• Use current cohort - do not lag a year</li> <li>• <b>"Students not tested" means not tested by definition in the numerator of the participation rate</b></li> </ul>

Mathematics Participation		
Grades 3-8:	Numerator: Of the test records included in the denominator, the number of test records with a valid score	<ul style="list-style-type: none"> <li>• Include Testing Status of 7, 50 or 51</li> <li>• Do not include original tests with a nonstandard accommodation</li> </ul>
	Denominator: Excluding tests with a testing status of 4 or 9, one test record per STI using the highest scoring test when there are multiple attempts	<ul style="list-style-type: none"> <li>• Do not include retests with a nonstandard accommodation</li> </ul>
High School:	Numerator: Of the students in the denominator, the number that attempted: <ul style="list-style-type: none"> <li>• the HS VAAP test</li> <li>• an AP, IB, ACT or SAT substitute EOC test (sol_test_code = 565) in HS (student passed Algebra I SOL, attempted Geometry SOL, and attempted Algebra II SOL in MS)</li> <li>• Geometry SOL in HS (student passed Algebra I SOL in MS, but did not pass (or attempt) Geometry SOL in MS)</li> <li>• Algebra II SOL in HS (student passed Algebra I SOL in MS, but did not pass (or attempt) Algebra II SOL in MS)</li> <li>• Algebra I SOL in HS (student did not pass (or attempt) Algebra I SOL in MS)</li> </ul>	<ul style="list-style-type: none"> <li>• Do not include test records with a nonstandard accommodation</li> <li>• Only AP, IB, SAT and ACT sub tests can be considered. Do not include any other types.</li> </ul>
	Denominator: The students in the current FGI Cohort excluding Long-Term Absent, Unconfirmed, Dropout, Deceased, Transfer Out, and students not tested who transferred in after September 30 of their ninth grade year	<ul style="list-style-type: none"> <li>• Use current cohort - do not lag a year</li> <li>• "Students not tested" means not tested by definition in the numerator of the participation rate</li> </ul>

## Mathematic Pass Rates

Grades 3-8:

Numerator: Of the test records included in the denominator, the number of test records with a passing score

Denominator: The higher of:

A. The number of students who

- Passed their SOL or VAAP Mathematics test, or
- Failed their SOL or VAAP Mathematics test and were enrolled for half the year or more

OR

B. 95% of the number of students who:

- Passed their SOL or VAAP Mathematics test, or
- Failed their SOL or VAAP Mathematics test and were enrolled for half the year or more, or
- Did not attempt a VAAP or SOL Mathematics test elsewhere and were active on the EOY SRC and enrolled for half the year or more, or
- Did not attempt VAAP or SOL Mathematics test elsewhere and were inactive on the EOY SRC and enrolled for 95% or more of the year

- One test record per STI using the highest scoring test when there are multiple attempts
- If a student has a test record with any of the following, remove them from the denominator: nonstandard accommodation, or failing retest

Active records - SRC active code is A or V  
Inactive records - SRC active code is I

## Mathematics Pass Rates

High School:

Numerator: Of the students in the denominator A (passplusenroll), the number that passed:

- the HS VAAP test
- an AP, IB, ACT or SAT substitute EOC test (sol\_test\_code = 565) in HS (student passed Algebra I SOL, attempted Geometry SOL, and attempted Algebra II SOL in MS)
- Geometry SOL in HS (student passed Algebra I SOL in MS, did not pass (or attempt) Geometry SOL in MS)
- Algebra II SOL in HS (student passed Algebra I SOL in MS, did not pass (or attempt) Algebra II SOL in MS)
- Algebra I SOL in HS (did not pass (or attempt) Algebra I in MS)

- Do not include test records with a nonstandard accommodation

Denominator: Excluding Long-Term Absent, Unconfirmed, Dropout, Deceased, Transfer Out, and students not tested who transferred in after September 30 of their ninth grade year in the FGI Cohort, the higher of:

A. While in grade, 9, 10, 11, 12 or TT, the number of students in the cohort who:

- Passed the HS VAAP test
- Passed an AP, IB, ACT or SAT substitute EOC test (sol\_test\_code = 565) in HS (student passed Algebra I SOL, attempted Geometry SOL, and attempted Algebra II SOL in MS)
- Passed Geometry SOL in HS (student passed Algebra I SOL in MS, did not pass (or attempt) Geometry SOL in MS)
- Passed Algebra II SOL in HS (student passed Algebra I SOL in MS, did not pass (or attempt) Algebra II SOL in MS)
- Passed Algebra I SOL in HS (did not pass (or attempt) Algebra I in MS)

OR

B. 95% of the number of students in the cohort who were enrolled for half the year or more

- Use current cohort - do not lag a year
- "Students not tested" means not tested by definition in the numerator of the participation rate

Science Participation		
Grades 3-8:	Numerator: Of the test records included in the denominator, the number of test records with a valid score	<ul style="list-style-type: none"> <li>• Include Testing Status of 7, 50 or 51</li> <li>• Do not include original tests with a nonstandard accommodation</li> </ul>
	Denominator: Excluding tests with a testing status of 4 or 9, one test record per STI using the highest scoring test when there are multiple attempts	<ul style="list-style-type: none"> <li>• Do not include retests with a nonstandard accommodation</li> </ul>
High School:	Numerator: Of the students in the denominator, the number that attempted: <ul style="list-style-type: none"> <li>· the EOC VAAP Science, or</li> <li>· EOC Biology SOL tests</li> </ul> While in grades 9, 10, 11, 12 or TT	<ul style="list-style-type: none"> <li>• SOL and VAAP only (no sub tests)</li> <li>• Do not include original tests with a nonstandard accommodation</li> </ul>
	Denominator: The students in the current FGI Cohort excluding Long-Term Absent, Unconfirmed, Dropout, Deceased, Transfer Out, and students not tested who transferred in after September 30 of their ninth grade year	<ul style="list-style-type: none"> <li>• Use current cohort - do not lag a year</li> <li>• "Students not tested" means not tested by definition in the numerator of the participation rate</li> </ul>

Science Pass Rates		
Grades 3-8:	Numerator: Of the test records included in the denominator, the number of test records with a passing score	
	Denominator: The number of students who <ul style="list-style-type: none"> <li>· Passed their SOL or VAAP Science test, or</li> <li>· Failed their SOL or VAAP Science test <u>and</u> were enrolled for half the year or more</li> </ul>	<ul style="list-style-type: none"> <li>• One test record per STI using the highest scoring test when there are multiple attempts</li> <li>• If a student has a test record with any of the following, remove them from the denominator: nonstandard accommodation, or failing retest</li> </ul>
High School:	Numerator: Of the students in the denominator, the number that passed: <ul style="list-style-type: none"> <li>· the EOC VAAP Science, or</li> <li>· EOC Biology SOL tests</li> </ul>	<ul style="list-style-type: none"> <li>• Do not include test records with a nonstandard accommodation</li> </ul>
	Denominator: Excluding Long-Term Absent, Unconfirmed, Dropout, Deceased, Transfer Out, and students not tested who transferred in after September 30 of their ninth grade year in the FGI Cohort, the higher of: <ul style="list-style-type: none"> <li>A. While in grade, 9, 10, 11, 12 or TT, the number of students in the cohort who <ul style="list-style-type: none"> <li>· Passed their SOL Biology or VAAP Science test, or</li> <li>· Were enrolled for half the year or more of their cohort year</li> </ul> </li> <li>OR</li> <li>B. 95% of the number of students in the cohort who were enrolled for half the year or more of their cohort year</li> </ul>	<ul style="list-style-type: none"> <li>• Use current cohort - do not lag a year</li> <li>• "Students not tested" means not tested by definition in the numerator of the participation rate</li> </ul>

English Reading Growth		
Grades 3-8:	Numerator: Of the students included in the denominator, the number who <ul style="list-style-type: none"> <li>· Passed their SOL or VAAP English Reading test, or</li> <li>· Earned a PI Code of 1 or more in English Reading</li> </ul>	
	Denominator: The number of students who <ul style="list-style-type: none"> <li>· Passed their SOL or VAAP English Reading test, or</li> <li>· Earned a PI Code of 1 or more in English Reading</li> <li>· Failed and did not earn a PI Code of 1 or more in English Reading <u>and</u> were enrolled for half the year or more</li> </ul>	<ul style="list-style-type: none"> <li>• One test record per STI using the highest scoring test when there are multiple attempts</li> <li>• Do not include any test with an EL Except, nonstandard accommodation, or failing retest</li> </ul>

Mathematics Growth		
Grades 3-8:	Numerator: Of the students included in the denominator, the number who <ul style="list-style-type: none"> <li>· Passed their SOL or VAAP Mathematics test, or</li> <li>· Earned a PI Code of 1 or more in Mathematics</li> </ul>	
	Denominator: The number of students who <ul style="list-style-type: none"> <li>· Passed their SOL or VAAP Mathematics test, or</li> <li>· Earned a PI Code of 1 or more in Mathematics</li> <li>· Failed and did not earn a PI Code of 1 or more in Mathematics <u>and</u> were enrolled for half the year or more</li> </ul>	<ul style="list-style-type: none"> <li>• One test record per STI using the highest scoring test when there are multiple attempts</li> <li>• Do not include any test with a nonstandard accommodation, or failing retest</li> </ul>

**Chronic Absenteeism – same as Accreditation**

Grades K-12:	Numerator: Of the students included in the denominator, the number of students who were absent 10% or more of the time they were enrolled	<ul style="list-style-type: none"><li>Aggregate Days Absent divided by the sum of Aggregate Days Present and Aggregate Days Absent is more than 0.10</li></ul>
	Denominator: Using the End-of-Year Student Record Collection, all students in the school who were enrolled for at least half the year or more	<ul style="list-style-type: none"><li>The sum of Aggregate Days Present and Aggregate Days Absent divided by Days in Session is more than or equal to 0.5</li></ul>

**Federal Graduation Indicator – 4-yr Rate**

High School:	Numerator: Of the students in the denominator, the number that graduated with a standard, advanced studies or IB diploma	<ul style="list-style-type: none"><li>See Cohort Graduation in SSWS for detailed reports on FGI</li></ul>
	Denominator: The students in the previous FGI Cohort excluding Deceased and Transfer Out.	<ul style="list-style-type: none"><li>Use current cohort year</li></ul>

**EL Progress**

Grades K-12:	Numerator: Of the test records included in the denominator, the number of tests that show progress from the previous year to the current year	
	Denominator: The number of students with a valid WIDA test for two consecutive years (current and previous) who <ul style="list-style-type: none"><li>Made Progress in the current year when compared to the previous year, or</li><li>Did Not Make Progress on their WIDA test and were enrolled for half the year or more of the current year</li></ul>	