

Recommended Public Data Reporting Format for SEA Summative Assessment Data, Grades 3 - 8

This memo presents the suggested data reporting format and supplementary information for State Education Agencies (SEAs) to follow when reporting the results of annual state summative assessment results for students in Grades 3-8.

Directory Variables

Variable	Description	Values
State	State name	
School year	School year in which the assessment was completed	
Data level	Level at which the data are reported	<ul style="list-style-type: none"> • State • District • School • [others as needed]

Identifiers

Variable	Description
District name	District name
District code used by state	The district's unique identification code as used by the SEA. Typically this is the ID used in SEA data files for reporting purposes.
NCES district ID	The district's 7-digit federal identification number.
School name	School name
School code used by state	The school's unique identification code as used by the SEA. Typically this is the ID used in SEA data files for reporting purposes.
NCES school ID	The school's 12-digit federal identification number.

Assessment Information

Variable	Description	Values
Assessment name	Name of the subject-area assessment for the given school year <i>[Note: This is important when different tests are given to students at the same grade level.]</i>	
Assessment type	Type of assessment administered	<ul style="list-style-type: none"> ● Regular ● Alternate ● Combined reg and alt
Assessment language	Language in which the test is administered	<ul style="list-style-type: none"> ● English ● Spanish ● [others as applicable]
Subject	Assessment subject area	<ul style="list-style-type: none"> ● ELA ● Math ● Science ● Social Studies ● [others as applicable]
Grade	Grade level of students assessed	<ul style="list-style-type: none"> ● G03 ● G04 ● G05 ● G06 ● G07 ● G08 ● G38 [aggregated measure]

Student Information

Variable	Description	Values
Student group & subgroup	<i>StudentGroup variable</i>	<i>Student SubGroup variable</i>
	<ul style="list-style-type: none"> ● All Students 	
	<ul style="list-style-type: none"> ● Race/Ethnicity 	
	<ul style="list-style-type: none"> ● Economic Status 	
	<ul style="list-style-type: none"> ● Gender 	
	<ul style="list-style-type: none"> ● English Learner Status 	<ul style="list-style-type: none"> ● EL <i>and</i> non-EL ● [other EL subgroups as applicable]
<ul style="list-style-type: none"> ● Disability Status 	<ul style="list-style-type: none"> ● SWD <i>and</i> non-SWD ● [other SWD subgroups as applicable] 	

	• Migrant Status	• Migrant <i>and</i> non-migrant
	• Homeless Enrolled Status	• Homeless enrolled <i>and</i> non-homeless enrolled
	• Foster Care Status	• Foster care <i>and</i> non-FC
	• Military Connected Status	• Military <i>and</i> non-military
Total eligible	Number of students eligible for testing	
Total tested	The number of students tested	
Total valid tests	The number of scorable assessments	
Participation rate	The percent of eligible students tested	

Results

Variable	Description
Lev*_count Lev1_count, Lev2_count, Lev3_count, Lev4_count, Lev5_count	Number of students performing at each performance level. <i>Note: States should report their lowest performance level data as part of Level 1, their next lowest category as part of Level 2, and so on.</i>
Lev*_percent Lev1_percent, Lev2_percent, Lev3_percent, Lev4_percent, Lev5_percent	Percent of students performing at each performance level. <i>Note: States should report their lowest performance level data as part of Level 1, their next lowest category as part of Level 2, and so on.</i>
ProficientOrAbove_count	Number of students achieving proficiency or above on the state assessment.
ProficientOrAbove_percent	Percent of students achieving proficiency or above on the state assessment.
AvgScaleScore	Average/mean scale score
SD	Standard deviation of scale scores
Date	Date of most recent data update

Supplementary Information to Accompany Data

1. The technical manual for the assessment and/or a hyperlink to the technical manual.
2. Explicit information in the data file or technical manual that states if the given year-subject data *are comparable to the prior year*. Ideally the information would state the earliest available school year that can be used as the baseline for comparability.
3. The cut score values (proficiency threshold scale score values) used to determine the proficiency categories for each assessment.
4. The reported test score reliability for each assessment.
5. Explicit information about the standards that the assessment is aligned with.
6. A **codebook** that:
 - a. defines each state variable;
 - b. provides the *labels* for each proficiency category used for each assessment (e.g., Below Basic, Basic, Proficient, Advanced);
 - c. explicitly notes how the state reports *missing* data; and
 - d. explicitly notes how the state handles and reports *suppressed* data.

Recommended Data File Format

A recommended data file format for compiling this comprehensive dataset is as follows. This approach:

- Supports the SEA’s ability to perform more thorough data analysis and evaluation
- Reduces the SEA’s time & capacity burden of responding to public data requests for components not initially included in the public data file
- Reduces the time burden & confusion for the general public of finding the the correct data file on the public data site (if multiple files are posted)
- Supports longitudinal analysis by including stable state and federal identifiers for schools and districts

St	Year	Data Level	Dist Name	State_DistID	NCES_DistID	Sch Name	NCES_SchID	State_SchID	Test Name	Test Type	Test Lang	Sub	Grade	Student Grp	Sub Grp	Total Eligible	Total Tested	Total Valid	Part_Rate	L1_count	L1_per	L2_count	L2_per	L3_count	L3_per	L4_count	L4_per	L5_count	L5_per	Prof_coun	Prof_pe	Avg_SS	SD	Date
SD	2017-18	State	All			All			SBAC	Regular	Eng	ela	G03	Students	All Students	10800	10600	10574	.979	2420	0.23	2772	0.26	2750	0.26	2609	0.25			5359	0.50			
SD	2017-18	State	All			All			SBAC	Regular	Eng	ela	G03	Gender	Female	5300	529052	5223	.985	1020	0.20	1350	0.26	1412	0.27	1432	0.27			2844	0.54			
SD	2017-18	State	All			All			SBAC	Regular	Eng	ela	G03	Gender	Male	5500	5400	5351	.973	1400	0.26	1422	0.27	1338	0.25	1177	0.22			2515	0.46			