Summary Data File
Field Definitions and Layout

Version 1.1

Document Revisions

Revision Date	Version	Description
6/5/2017	1.0	Initial Version
7/11/2017	1.1	Updates to page 2

If assistance is needed for CMAS: Mathematics and English Language Arts/Literacy contact the PARCC Support Center at 888-493-9888.

CMAS: Mathematics, English Language Arts/Literacy (ELA) (PARCC) and Colorado Spanish Language Arts (CSLA) Spring 2017
Summary Data File Field Definitions and Layout

Listed below is the file layout for the CMAS math, ELA and CSLA summary data files and instructions for accessing the files. The district and school files are in .csv format. The first row of the file contains the headers; subsequent rows contain the data.

The **Summary Data File** (page 5) provides aggregate student performance data for the district or school. The data is aggregated at the whole district or school level as well as for a number of demographic group disaggregations. Each level of aggregation is reported on a separate row. The list of reported groups is in the **Disaggregated Groups and Descriptions** table (page 3).
- Only students with scores are included in the aggregated score field calculations.
- Students without scores are not included in the denominator for average scores or the percent of students in a performance level.

The district files include the aggregate data for their schools in addition to the district level data.

In the Summary Data file, Columns O – BB contain the aggregate data on the Student Performance Reports, School Student Roster, and District Summary of Schools roster. Columns BD to BW contain the data for the Performance Level Summary (PLS) Report. Subclaim five for mathematics will be blank, since math only has four subclaims, whereas, ELA has five subclaims.

Note: Some fields may be filler in the separate math/ELA and CSLA files.

Exporting the Summary Data File

1. Sign into PearsonAccess[next].
2. Select **CO CMAS: PARCC ELA and Math Spring 2017** or **CO CSLA: Colorado Spanish Language Arts Spring 2017** from the administration dropdown in PearsonAccess[next].
3. Select **Published Reports** under the **Reports** dropdown menu.
4. Check the box next to the name of the file.
5. Select **Download**.

Note: If you receive an error that the file is too large to download, click on the name of the file and it will download.

Importing the file into Excel

1. Open Excel.
2. Select the **Data** tab.
3. In the **Get External Data** group, select **From Text**.
4. Locate the downloaded Summary Data File.
5. Double-click the file name or select the file and click **Import**.
6. The Text Import Wizard will open.
   > Step 1: Set original data type to **Delimited**. Select **Next**.
   > Step 2: Set delimiter to **Comma** only. Select **Next**.
   > Step 3: To retain leading zeros on fields (e.g., grade), first select all fields in the data preview (hold the shift key and select the first and last fields), then select **Text** as the column data format to import data as text. Select **Finish**.

Disaggregated Groups and Descriptions

Group	Description	Notes
001	All Students Tested	The number of students who should have been assessed. This group excludes the following: • State and District levels - all Report Suppression Codes, except for 10 (Expelled). • School level - all Report Suppression Codes • Students with the following invalidation codes: o 01 = Took Other Assessment OR Duplicate Registration/Attempt o 03 = Withdrew Before/During Testing o 07 = Medical Exemption o 08 = Part Time Public and Part Time Home School
002	Students with Valid Scores	The number of students with scored tests.
003	Sex – Female	
004	Sex – Male	
005	Ethnicity/Race - Hispanic or Latino	
006	Ethnicity/Race - American Indian/Alaska Native	
007	Ethnicity/Race - Asian	
008	Ethnicity/Race - Black or African American	
009	Ethnicity/Race - Native Hawaiian or Other Pacific Islander	
010	Ethnicity/Race - White	
011	Ethnicity/Race - Two or more races	
012	Ethnicity/Race - Not Indicated	
013	Economic Disadvantage Status - Yes	
014	Economic Disadvantage Status - No	
015	Language Proficiency NEP	
016	Language Proficiency LEP	
017	Language Proficiency NEP and LEP	
018	Language Proficiency - Not NEP and LEP	
019	Language Proficiency FEP	
020	Language Proficiency PHLOTE	
021	Language Proficiency FELL	
022	Language Proficiency Not in ELL Program	
023	Language Proficiency Not Indicated	
024	Language Background - English	
025	Language Background - Spanish	
026	Language Background - Other	
027	Language Background - Not Indicated	
028	ELL Program Bilingual - No	
029	ELL Program Bilingual - Yes	
030	ELL Program Bilingual - Monitored Y1	
031	ELL Program Bilingual - Monitored Y2	
032	ELL Program Bilingual - Exited Y3	
033	ELL Program Bilingual - Parent Choice	
034	ELL Program Bilingual - Not Indicated	
035	ELL Program ESL - No	
036	ELL Program ESL - Yes	
037	ELL Program ESL - Monitored Y1	
038	ELL Program ESL - Monitored Y2	
039	ELL Program ESL - Exited Y3	

Group	Description	Notes
040	ELL Program ESL - Parent Choice	
041	ELL Program ESL - Not Indicated	
042	Student With Disabilities = IEP - Yes	
043	Students with Disabilities = IEP - No	
044	Students with Disabilities = 504	
045	ID = Intellectual Disability	
046	SLD = Specific learning disability	
047	HI = Hearing impairment	
048	VI = Visual impairment	
049	SLI = Speech or language impairment	
050	DB = Deaf-blindness	
051	MD = Multiple disabilities	
052	AUT = Autism	
053	TBI = Traumatic brain injury	
054	OI = Orthopedic impairment	
055	OHI = Other health impairment	
056	DD = Developmental delay	
057	EMN = Emotional Disability	
059	Blank = None	
060	Gifted and Talented - No	
061	Gifted and Talented - Yes	
062	Title I – No	
063	Title I – Yes	
064	Title I - Not Indicated	
065	Homeless – No	
066	Homeless - Yes, parent/guardian custody	
067	Homeless - Yes, not in parent/guardian custody	
068	Homeless - Not Indicated	
069	Migrant – No	
070	Migrant – Yes	
074	Continuous in District - No	
075	Continuous in District - Yes	
076	Continuous in District - Not Indicated	
077	Continuous in School - No	
078	Continuous in School - Yes	
079	Continuous in School - Not Indicated	
080	Accommodations - None	
081	Accommodations - ASL Video	Math/ELA Only
082	Accommodations - Screen Reader	Math/ELA Only
083	Accommodations - Non-Screen Reader	Math/ELA Only
084	Accommodations - Refreshable Braille Display for ELA	ELA Only
085	Accommodations - Braille - paper	Math/ELA Only
086	Accommodations - Calculation Device and Mathematics Tools	Math Only
087	Accommodations - Closed Captioning for ELA	ELA Only
088	Accommodations - Directions in Native Language	
089	Accommodations - Extended Time	
090	Accommodations - Human Reader/Signer	
091	Accommodations - Large Print - paper	
092	Accommodations - Spanish Transadaptation of Mathematics Assessment Online	Math Only
094	Accommodations – Mathematics Response EL	Math Only
095	Accommodations - Scribe - English	
096	Accommodations - Text-To-Speech English	Math/ELA Only

Group	Description	Notes
097	Accommodations - Spanish Transadaptation of Mathematics in Text-To-Speech	Math Only
098	Accommodations - Transcribe	
099	Accommodations – Spanish Transadaptation of Mathematics Assessment on paper	Math Only
100	Accommodations - Word Prediction	
101	Accommodations - Word to Word Dictionary	Math/ELA Only
102	Expelled Education - No	
103	Expelled Education - Yes	
104	Expelled Education - Not Indicated	
105	Auditory Presentation in Language Other than English or Spanish	Math Only

Summary Data File Layout (Math, ELA, CSLA)

Column Letter	Header Names (displayed in the data file)	Field Name	Valid Values	Notes
A	Aggregation Level	Aggregation Level	0= PARCC (Math/ELA) 1= State 2= District 3= School	Aggregation Notes: All test attempts that met attemptedness rules, are not voided and have the Summative Flag set at Y, are to have performance aggregated to PARCC (all states) and State (Math/ELA Only).
B	Aggregation Group Code	Aggregation Group Code	Numeric 001-999 Values: See Disaggregated Groups on pages 3-4 for valid values	
C	Assessment Year	Assessment Year	YYYY-YYYY	2016-2017
D	Period	Period	Spring	
E	State Abbreviation	State Abbreviation	CO = Colorado	
F	Responsible District Code	Responsible District Code	Alphanumeric blank when state only record	
G	Responsible District Name	Responsible District Name	Alphanumeric blank when state only record blank when state only record	
H	Responsible School Code	Responsible School Code	Alphanumeric blank when state only record	
I	Responsible School Name	Responsible School Name	Alphanumeric blank when state only record	

Column Letter	Header Names (displayed in the data file)	Field Name	Valid Values	Notes
J	TestCode	TestCode	ELA03, SLA03 ELA04, SLA04 ELA05 ELA06 ELA07 ELA08 ELA09 MAT03 MAT04 MAT05 MAT06 MAT07 MAT08 ALG01 ALG02 GEO01 MAT1I MAT2I MAT3I	
K	Filler	Filler	N/A	
L	Total Number of Students - Valid scores	Total Number of Students - Valid scores	N/A	All students with valid scores and no report suppression applied.
M	Filler	Filler	N/A	
N	Filler	Filler	N/A	
O	Average Scale Score Overall by Subject ELA/L or Math	Average Scale Score Overall by Subject ELA/L or Math	numeric, 000-999	
P	Average Scale Score by Claim Reading	Average Scale Score by Claim Reading	numeric, 000-999	
Q	Average Scale Score by Claim Writing	Average Scale Score by Claim Writing	numeric, 000-999	
R	Filler	Filler	N/A	
S	Filler	Filler	N/A	
T	Filler	Filler	N/A	
U	Number of Students (Prof Level 1)- Overall	Number of Students (Prof Level 1)- Overall	numeric, 0-99999999	
V	Number of Students (Prof Level 2)- Overall	Number of Students (Prof Level 2)- Overall	numeric, 0-99999999	
W	Number of Students (Prof Level 3)- Overall	Number of Students (Prof Level 3)- Overall	numeric, 0-99999999	
X	Number of Students (Prof Level 4)- Overall	Number of Student (Prof Level 4)- Overall	numeric, 0-99999999	
Y	Number of Students (Prof Level 5)- Overall	Number of Students (Prof Level 5)- Overall	numeric, 0-99999999	
Z	Filler	Filler	N/A	

Column Letter	Header Names (displayed in the data file)	Field Name	Valid Values	Notes
AA	Performance Distribution by Percent (Prof Level 1)- Overall	Performance Distribution by Percent (Prof Level 1)- Overall	numeric, 0-100	Rounded to nearest whole number
AB	Performance Distribution by Percent (Prof Level 2)- Overall	Performance Distribution by Percent (Prof Level 2)- Overall	numeric, 0-100	Rounded to nearest whole number
AC	Performance Distribution by Percent (Prof Level 3)- Overall	Performance Distribution by Percent (Prof Level 3)- Overall	numeric, 0-100	Rounded to nearest whole number
AD	Performance Distribution by Percent (Prof Level 4)- Overall	Performance Distribution by Percent (Prof Level 4)- Overall	numeric, 0-100	Rounded to nearest whole number
AE	Performance Distribution by Percent (Prof Level 5)- Overall	Performance Distribution by Percent (Prof Level 5)- Overall	numeric, 0-100	Rounded to nearest whole number
AF	Filler	Filler	N/A	
AG	Number of Student (Prof Level 4 & 5)- Overall	Number of Student (Prof Level 4 & 5)- Overall	numeric, 0-99999999	Rounded to nearest whole number
AH	Filler	Filler	N/A	
AI	Filler	Filler	N/A	
AJ	Subclaim Category 1 Performance Percent Distribution Below Level 3	Subclaim Category 1 Performance Percent Distribution Did Not Yet Meet Expectations	numeric, 0-100	ELA - Literary Text Math - Major Content Summative File = 3
AK	Subclaim Category 1 Performance Percent Distribution Near Level 3	Subclaim Category 1 Performance Percent Distribution Approached Expectations	numeric, 0-100	ELA - Literary Text Math - Major Content Summative File = 2
AL	Subclaim Category 1 Performance Percent Distribution Meets or Exceeds Level 4	Subclaim Category 1 Performance Percent Distribution Meets or Exceeds Expectations	numeric, 0-100	ELA - Literary Text Math - Major Content Summative File = 1
AM	Filler	Filler	N/A	
AN	Subclaim Category 2 Performance Percent Distribution Below Level 3	Subclaim Category 2 Performance Percent Distribution Did Not Yet Meet Expectations	numeric, 0-100	ELA - Informational Text Math - Expressing Mathematical Reasoning Summative File = 3
AO	Subclaim Category 2 Performance Percent Distribution Near Level 3	Subclaim Category 2 Performance Percent Distribution Approached Expectations	numeric, 0-100	ELA - Informational Text Math - Expressing Mathematical Reasoning Summative File = 2

Column Letter	Header Names (displayed in the data file)	Field Name	Valid Values	Notes
AP	Subclaim Category 2 Performance Percent Distribution Meets or Exceeds Level 4	Subclaim Category 2 Performance Percent Distribution Meets or Exceeds Expectations	numeric, 0-100	ELA - Informational Text Math - Expressing Mathematical Reasoning Summative File = 1
AQ	Filler	Filler	N/A	
AR	Subclaim Category 3 Performance Percent Distribution Below Level 3	Subclaim Category 3 Performance Percent Distribution Did Not Yet Meet Expectations	numeric, 0-100	Summative File Values: ELA - Vocabulary Math - Modeling & Application Summative File = 3
AS	Subclaim Category 3 Performance Percent Distribution Near Level 3	Subclaim Category 3 Performance Percent Distribution Approached Expectations	numeric, 0-100	ELA - Vocabulary Math - Modeling & Application Summative File = 2
AT	Subclaim Category 3 Performance Percent Distribution Meets or Exceeds Level 4	Subclaim Category 3 Performance Percent Distribution Meets or Exceeds Expectations	numeric, 0-100	ELA - Vocabulary Math - Modeling & Application Summative File = 1
AU	Filler	Filler	N/A	
AV	Subclaim Category 4 Performance Percent Distribution Below Level 3	Subclaim Category 4 Performance Percent Distribution Did Not Yet Meet Expectations	numeric, 0-100	Summative File Values: ELA - Written Expression Math - Additional & Supporting Content Summative File = 3
AW	Subclaim Category 4 Performance Percent Distribution Near Level 3	Subclaim Category 4 Performance Percent Distribution Approached Expectations	numeric, 0-100	Summative File Values: ELA - Written Expression Math - Additional & Supporting Content Summative File = 2
AX	Subclaim Category 4 Performance Percent Distribution Meets or Exceeds Level 4	Subclaim Category 4 Performance Percent Distribution Meets or Exceeds Expectations	numeric, 0-100	ELA - Written Expression Math - Additional & Supporting Content Summative File = 1
AY	Filler	Filler	N/A	
AZ	Subclaim Category 5 Performance Percent Distribution Below Level 3	Subclaim Category 5 Performance Percent Distribution Did Not Yet Meet Expectations	numeric, 0-100	Summative File Values: ELA - Knowledge and Use of Language Summative File = 3
BA	Subclaim Category 5 Performance Percent Distribution Near Level 3	Subclaim Category 5 Performance Percent Distribution Approached Expectations	numeric, 0-100	ELA - Knowledge and Use of Language Summative File = 2
BB	Subclaim Category 5 Performance Percent Distribution Meets or Exceeds Level 4	Subclaim Category 5 Performance Percent Distribution Meets or Exceeds Expectations	numeric, 0-100	ELA - Knowledge and Use of Language Summative File = 1
BC	Filler	Filler	N/A	

Column Letter	Header Names (displayed in the data file)	Field Name	Valid Values	Notes
BD	PLS Performance Distribution by Percent (Prof Level 1)- Overall	PLS Performance Distribution by Percent (Prof Level 1)- Overall	numeric, 0-100, period	Rounded to the tenths place, used on the CO Performance Level Summary Reports.
BE	PLS Performance Distribution by Percent (Prof Level 2)- Overall	PLS Performance Distribution by Percent (Prof Level 2)- Overall	numeric, 0-100, period	Rounded to the tenths place, used on the CO Performance Level Summary Reports.
BF	PLS Performance Distribution by Percent (Prof Level 3)- Overall	PLS Performance Distribution by Percent (Prof Level 3)- Overall	numeric, 0-100, period	Rounded to the tenths place, used on the CO Performance Level Summary Reports.
BG	PLS Performance Distribution by Percent (Prof Level 4)- Overall	PLS Performance Distribution by Percent (Prof Level 4)- Overall	numeric, 0-100, period	Rounded to the tenths place, used on the CO Performance Level Summary Reports.
BH	PLS Performance Distribution by Percent (Prof Level 5)- Overall	PLS Performance Distribution by Percent (Prof Level 5)- Overall	numeric, 0-100, period	Rounded to the tenths place, used on the CO Performance Level Summary Reports.
BI	PLS Performance Distribution by Percent (Prof Level 4 & 5)- Overall	PLS Performance Distribution by Percent (Prof Level 4 & 5)- Overall	numeric, 0-100, period	Rounded to the tenths place, used on the CO Performance Level Summary Reports.
BJ	PLS No Scores Reported	No Scores Reported on PLS Report	numeric, 0-99999999	Records by Test Code & Period with test attempts that did not meet attemptedness rules. Test attempts that were voided. Exclude Not Tested and Void Reasons = 01, 03, 07 or 08.
BK	PLS Total Number of Students	Total Number of Students on PLS Report	numeric, 0-99999999	Total Number of students tested. District level excludes all Report Suppression Codes except '10' (Expelled). School level excludes all Report Suppression Codes. Also excludes the following invalidations: 01 = Took Other Assessment/Duplicate 03 = Withdrew Before /During Completion 07 = Medical Exemption 08 = Part Time Home School
BL	Absent	Absent	numeric, 0-99999999	Not Tested = 02 Blank will be reported when group is not 001.
BM	Attempt Not Met	Attempt Not Met	numeric, 0-99999999	Blank will be reported when group is not 001. All test attempts that did not meet attemptedness (Attemptedness Flag = N)
BN	Interrupted and Not Completed	Interrupted and Not Completed	numeric, 0-99999999	Void Reason = 02 Blank will be reported when group is not 001.
BO	Medical Exemption	Medical Exemption	numeric, 0-99999999	Not Tested or Void Reason = 07 Blank will be reported when group is not 001.
BP	Misadministration	Misadministration	numeric, 0-99999999	Not Tested or Void Reason = 06 Blank will be reported when group is not 001.
BQ	Non-approved Accommodation	Non-approved Accommodation	numeric, 0-99999999	Void Reason = 05 Blank will be reported when group is not 001.

Column Letter	Header Names (displayed in the data file)	Field Name	Valid Values	Notes
BR	Parent Excuse	Parent Excuse	numeric, 0-99999999	Not Tested or Void Reason = 09 Blank will be reported when group is not 001.
BS	Part Time Public Home School Student	Part Time Public Home School Student	numeric, 0-99999999	Not Tested or Void Reason = 08 Blank will be reported when group is not 001.
BT	Student Test Refusal	Student Test Refusal	numeric, 0-99999999	Not Tested or Void Reason = 04 Blank will be reported when group is not 001.
BU	Withdrew Before/During Testing	Withdrew Before/During Testing	numeric, 0-99999999	Not Tested or Void Reason = 03 Blank will be reported when group is not 001.
BV	First Year In US English Learner	First Year In US English Learner	numeric, 0-99999999	Not Tested Reason = 02 ELA only. Blank will be reported when group is not 001.
BW	Took Other Assessment OR Duplicate Registration-/Attempt	Took Other Assessment OR Duplicate Registration-/Attempt	numeric, 0-99999999	Not Tested or Void Reason = 01 Blank will be reported when group is not 001.