California Alternate Assessment for Science Preliminary Indicator Student Data Layout

May 26, 2021

Contact Information

CAASPP Customer Support Center ● 2731 Systron Drive ● Concord, CA 94518
Phone: 844-782-2714 ● Fax: 855-448-3412 ● Email: CAASPP@ets.org
Website: http://www.caaspp.org/

Introduction and Notes

This document contains the file layout and data definitions for the 2020–2021 California Alternate Assessment (CAA) for Science administered by the local educational agency (LEA). The data include student demographic information, test scores, and test administration information. In addition to the file layout, a reference table, Condition Codes (Field 52), is provided.

Demographics

The student demographic data is derived from the California Longitudinal Pupil Achievement Data System (CALPADS) and reflects student demographics as captured in the demographic snapshot in the Test Operations Management System (TOMS), which is taken on the last day of the LEA selected testing window. Note that the source for each field is indicated in the file layout.

Data sources for the student data file are as follows:

- CALPADS—Extracted from CALPADS
- Derived—Created during generation of the student data file
- Scoring—Created as a result of scoring
- TOMS—Extracted from TOMS
- TDS—Extracted during processing of submitted online and paper–pencil assessments
- DEI—Extracted from the Data Entry Interface

Score Data

Scoring rules for the CAA for Science include the following:

- The total number of operational items answered and the total number of operational items will be populated for every tested student.

- The percentage of correct scores and the preliminary indicators will be populated only for students who met participation.

The Opportunity ID, Opportunity Testing Status, Tested County/District Code, Tested School Code, Test Start Date, and Test Completed Date fields use the following conventions:

- 1 = CAA for Science (Earth and Space Sciences)
- 2 = CAA for Science (Physical Sciences)
- 3 = CAA for Science (Life Sciences)
- 4 = CAA for Science (Field Test Domain) – No Score Data Provided

Additional Resources and Definitions

- California Alternate Assessments web page—
  http://www.caaspp.org/administration/about/caa/index.html

- CDE CALPADS web page—http://www.cde.ca.gov/ds/sp/cl/

- CDE Accountability System web page—http://www.cde.ca.gov/ta/ac/ay/

- CDE CAA for Science Preliminary Indicator Communication Toolkit—
  https://www.cde.ca.gov/ta/tg/ca/prelimindicatortoolkit.asp

Acronyms and Initialisms Used in the Student Data File Layout

Term	Definition
CAA	California Alternate Assessment
CALPADS	California Longitudinal Pupil Achievement Data System
CDE	California Department of Education
DEI	Data Entry Interface
DF	direct funded charter school
INC	incomplete test
LEA	local educational agency
LF	locally funded charter school
NER	not enough responses, student tested one to three embedded PTs in the CAA for Science
NPS	nonpublic, nonsectarian school
NT	not tested
NTE	not tested medical emergency
PAR	Psychometric Analysis and Research
PGE	Parent/Guardian exemption
PT	Embedded Performance Task
SSID	Statewide Student Identifier
TDS	test delivery system
TOMS	Test Operations Management System

Data Layout

Field #	Length	Field Description	Acceptable Values	Data Source | Data Element
1	2	Record Type	05: California Alternate Assessment for Science—CAA for Science	Derived
2	10	Statewide Student Identifier (SSID)	Numeric (0–9)	California Longitudinal Pupil Achievement Data System (CALPADS) | SSID
3	50	Student Last Name	Alpha, numeric, space, comma, hyphen, apostrophe, or special characters	CALPADS | LastOrSurname
4	30	Student First Name	Alpha, numeric, space, comma, hyphen, apostrophe, or special characters	CALPADS | FirstName
5	30	Student Middle Name	Alpha, numeric, space, comma, hyphen, apostrophe, or special characters	CALPADS | MiddleName
6	10	Date of Birth	Numeric Formatted YYYY-MM-DD	CALPADS | DateofBirth
7	1	Gender	F, M, X • F = Female • M = Male • X = Nonbinary	CALPADS | Sex
8	2	CALPADS Grade	Alphanumeric (KN, 01–12), with a leading zero if applicable	CALPADS | Grade

Data Layout *(continuation one)*

Field #	Length	Field Description	Acceptable Values	Data Source | `Data Element`
9	2	Grade Assessed	Numeric (03–12) with a leading zero if applicable, or blank if not tested	TOMS (originally from CALPADS)
10	14	CALPADS District Code	Numeric 14 digits	CALPADS | `ResponsibleDistrictIdentifier`
11	14	CALPADS School Code	Numeric 14 digits	CALPADS | `ResponsibleSchoolIdentifier`
12	4	CALPADS Charter Code	Numeric 4 digits or blank for noncharter schools	CALPADS | Latest Charter code
13	2	CALPADS Charter School Indicator	Numeric or blank if not tested	CALPADS | `CharterSchoolIndicator`
14	16	Opportunity ID 1	Alpha or blank if not tested	Test delivery system (TDS)
15	1	Opportunity 1 Testing Status	Alpha or blank • C – Completed • E – Expired • I – Invalidated	TDS
16	16	Opportunity ID 2	Numeric or blank if not tested	TDS
17	1	Opportunity 2 Testing Status	Alpha or blank • C – Completed • E – Expired • I – Invalidated	TDS
18	16	Opportunity ID 3	Numeric or blank if not tested	TDS

Data Layout *(continuation two)*

Field #	Length	Field Description	Acceptable Values	Data Source | Data Element
19	1	Opportunity 3 Testing Status	Alpha or blank • C – Completed • E – Expired • I – Invalidated	TDS
20	16	Opportunity ID 4	Numeric or blank if not tested	TDS
21	1	Opportunity 4 Testing Status	Alpha or blank • C – Completed • E – Expired • I – Invalidated	TDS
22	16	Content registration ID	Numeric 16 digits with leading zeroes, or blank if not tested	TOMS
23	100	Tested LEA Name 1	Alpha or blank if not tested	CALPADS
24	14	Tested County/District Code 1	Numeric or blank if not tested	CALPADS
25	100	Tested School Name 1	Alpha or blank if not tested	CALPADS
26	14	Tested School Code 1	Numeric or blank if not tested	CALPADS
27	2	Tested Charter School Indicator 1	Alpha or blank if not charter or if not tested • DF = Direct funded charter school • LF = Locally funded charter school	CALPADS
28	4	Tested Charter School Code 1	Numeric or blank if not charter or if not tested	CALPADS
29	1	Tested School NPS Flag 1	Y, N, or blank	CALPADS
30	100	Tested LEA Name 2	Alpha or blank if not tested	CALPADS

Data Layout *(continuation three)*

Field #	Length	Field Description	Acceptable Values	Data Source | Data Element
31	14	Tested County/District Code 2	Numeric or blank if not tested	CALPADS
32	100	Tested School Name 2	Alpha or blank if not tested	CALPADS
33	14	Tested School Code 2	Numeric or blank if not tested	CALPADS
34	2	Tested Charter School Indicator 2	Alpha or blank if not charter or if not tested • DF = Direct funded charter school • LF = Locally funded charter school	CALPADS
35	4	Tested Charter School Code 2	Numeric or blank if not charter or if not tested	CALPADS
36	1	Tested School NPS Flag 2	Y, N, or blank	CALPADS
37	100	Tested LEA Name 3	Alpha or blank if not tested	CALPADS
38	14	Tested County/District Code 3	Numeric or blank if not tested	CALPADS
39	100	Tested School Name 3	Alpha or blank if not tested	CALPADS
40	14	Tested School Code 3	Numeric or blank if not tested	CALPADS
41	2	Tested Charter School Indicator 3	Alpha or blank if not charter or if not tested • DF = Direct funded charter school • LF = Locally funded charter school	CALPADS
42	4	Tested Charter School Code 3	Numeric or blank if not charter or if not tested	CALPADS
43	1	Tested School NPS Flag 3	Y, N, or blank	CALPADS

Data Layout *(continuation four)*

Field #	Length	Field Description	Acceptable Values	Data Source | Data Element
44	100	Tested LEA Name 4	Alpha or blank if not tested	CALPADS
45	14	Tested County/District Code 4	Numeric or blank if not tested	CALPADS
46	100	Tested School Name 4	Alpha or blank if not tested	CALPADS
47	14	Tested School Code 4	Numeric or blank if not tested	CALPADS
48	2	Tested Charter School Indicator 4	Alpha or blank if not charter or if not tested • DF = Direct funded charter school LF = Locally funded charter school	CALPADS
49	4	Tested Charter School Code 4	Numeric or blank if not charter or if not tested	CALPADS
50	1	Tested School NPS Flag 4	Y, N, or blank	CALPADS
51	10	Test Start Date 1	Numeric or blank if not tested Formatted YYYY-MM-DD	TDS, DEI
52	10	Test Completion Date 1	Numeric or blank if not tested Formatted YYYY-MM-DD	TDS, DEI
53	10	Test Start Date 2	Numeric or blank if not tested Formatted YYYY-MM-DD	TDS, DEI
54	10	Test Completion Date 2	Numeric or blank if not tested Formatted YYYY-MM-DD	TDS, DEI

Data Layout *(continuation five)*

Field #	Length	Field Description	Acceptable Values	Data Source | Data Element
55	10	Test Start Date 3	Numeric or blank if not tested Formatted YYYY-MM-DD	TDS
56	10	Test Completion Date 3	Numeric or blank if not tested Formatted YYYY-MM-DD	TDS
57	10	Test Start Date 4	Numeric or blank if not tested Formatted YYYY-MM-DD	TDS
58	10	Test Completion Date 4	Numeric or blank if not tested Formatted YYYY-MM-DD	TDS
59	5	Condition Codes	NER, PGE, NTE, NT, INC0, INC1, blank	TOMS, PAR
60	1	Attemptedness	Alpha or blank if not tested	Scoring (a derived value)
61	1	Test Mode—Online or Paper	• O = online • P = paper	TOMS
62	2	Total number of items answered (only for PT1, PT2, and PT3)	Numeric or blank if not tested	Scoring
63	2	Total number of items (only for PT1, PT2, and PT3)	Numeric or blank if not tested	Scoring
64	3	Overall Percent Correct	Numeric or blank if not tested	Scoring
65	3	Preliminary Indicator (CAA Science only)	Numeric or blank if not tested	Scoring

Data Layout *(continuation five)*

Field #	Length	Field Description	Acceptable Values	Data Source | Data Element
66	1	Include Indicator	"Y" (yes) or blank	Derived
67	2	End of Record	"Z"	Derived

Condition Codes (Field 59)

Code	Test	Description
INC0	• CAA for Science	Incomplete test; this is assigned the lowest obtainable score (LOSS) when a student did not answer any items. 　• Include Indicator (field 66) is "Y."
INC1	• CAA for Science	Incomplete test; this is assigned the LOSS+1 when a student answered fewer than four items. 　• Include Indicator (field 66) is "Y."
NT	• CAA for Science	The student was not tested; for the CAA for Science, this includes students who did not log on to at least one PT. 　• Include Indicator (field 66) is blank.
NTE	• CAA for Science	The student was not tested due to significant medical emergency (out for testing window). 　• Include Indicator (field 66) is blank.
PGE	• CAA for Science	The student was not tested by parent/guardian request. 　• Include Indicator (field 66) is blank.
NER	• CAA for Science	The student attempted one to three embedded PTs in the CAA for Science. 　• Include Indicator (field 66) is blank.