



# California Alternate Assessment for Science and California Spanish Assessment Preliminary Indicator Student Data Layout

*July 24, 2020*

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## Introduction and Notes

This document contains the file layout and data definitions for the 2020–2021 California Alternate Assessment (CAA) for Science and the California Spanish Assessment (CSA) 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 \(Field 50\)](#), is provided.

## Demographics

The student demographic data is derived from the California Longitudinal Pupil Achievement Data System (CALPADS) and reflect 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 and the CSA include the following:

- The total number of items answered and the total number of items will be populated for every tested student.
- The percentage of correct scores and the preliminary indicators will be populated only for students who submitted tests.

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) or CSA
- 2 = CAA for Science (Physical Sciences)
- 3 = CAA for Science (Life Sciences)
- 4 = CAA for Science (Field Test Domain)

## Additional Resources and Definitions

- California Alternate Assessments web page—  
<http://www.caaspp.org/administration/about/caa/index.html>
- California Spanish Assessment web page—  
<http://www.caaspp.org/administration/about/csa/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 Preliminary Indicator Communication Toolkit—  
<https://www.cde.ca.gov/ta/tg/ca/prelimindicatortoolkit.asp>

## Acronyms and Initialisms Used in the Student Data File Layout

<b>Term</b>	<b>Definition</b>
<b>CAA</b>	California Alternate Assessment
<b>CALPADS</b>	California Longitudinal Pupil Achievement Data System
<b>CDE</b>	California Department of Education
<b>CSA</b>	California Spanish Assessment
<b>DEI</b>	Data Entry Interface
<b>DF</b>	direct funded charter school
<b>ELPAC</b>	English Language Proficiency Assessments for California
<b>INC</b>	incomplete test
<b>LEA</b>	local educational agency
<b>LF</b>	locally funded charter school
<b>NER</b>	Not enough responses to calculate an overall scale score
<b>NPS</b>	nonpublic, nonsectarian school
<b>NT</b>	not tested
<b>NTE</b>	not tested medical emergency
<b>PAR</b>	Psychometric Analysis and Research
<b>PGE</b>	Parent/Guardian exemption
<b>SSID</b>	Statewide Student Identifier
<b>TDS</b>	test delivery system
<b>TOMS</b>	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 09: California Spanish Assessment—CSA	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 <ul style="list-style-type: none"> <li>• F = Female</li> <li>• M = Male</li> <li>• X = Nonbinary</li> </ul>	CALPADS   Sex
8	2	CALPADS Grade	Alphanumeric (KN, 01–12), with a leading zero if applicable	CALPADS   Grade
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

Data Layout (*continuation one*)

Field #	Length	Field Description	Acceptable Values	Data Source   Data Element
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	Test delivery system (TDS)
15	1	Opportunity 1 Testing Status	Alpha or blank <ul style="list-style-type: none"> <li>• C – Completed</li> <li>• E – Expired</li> <li>• I – Invalidated</li> </ul>	TDS
16	16	Opportunity ID 2	Numeric or blank if not tested	TDS
17	1	Opportunity 2 Testing Status	Alpha or blank <ul style="list-style-type: none"> <li>• C – Completed</li> <li>• E – Expired</li> <li>• I – Invalidated</li> </ul>	TDS
18	16	Opportunity ID 3	Numeric or blank if not tested	TDS
19	1	Opportunity 3 Testing Status	Alpha or blank <ul style="list-style-type: none"> <li>• C – Completed</li> <li>• E – Expired</li> <li>• I – Invalidated</li> </ul>	TDS
20	16	Opportunity ID 4	Numeric or blank if not tested	TDS
21	1	Opportunity 4 Testing Status	Alpha or blank <ul style="list-style-type: none"> <li>• C – Completed</li> <li>• E – Expired</li> <li>• I – Invalidated</li> </ul>	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

Data Layout (*continuation two*)

Field #	Length	Field Description	Acceptable Values	Data Source   Data Element
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 <ul style="list-style-type: none"> <li>• DF = Direct funded charter school</li> <li>• LF = Locally funded charter school</li> </ul>	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
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 <ul style="list-style-type: none"> <li>• DF = Direct funded charter school</li> <li>• LF = Locally funded charter school</li> </ul>	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

Data Layout (*continuation three*)

Field #	Length	Field Description	Acceptable Values	Data Source   Data Element
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 <ul style="list-style-type: none"> <li>• DF = Direct funded charter school</li> <li>• LF = Locally funded charter school</li> </ul>	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
44	10	Test Start Date 1	Numeric or blank if not tested Formatted YYYY-MM-DD	TDS, DEI
45	10	Test Completion Date 1	Numeric or blank if not tested Formatted YYYY-MM-DD	TDS, DEI
46	10	Test Start Date 2	Numeric or blank if not tested Formatted YYYY-MM-DD	TDS, DEI
47	10	Test Completion Date 2	Numeric or blank if not tested Formatted YYYY-MM-DD	TDS, DEI
48	10	Test Start Date 3	Numeric or blank if not tested Formatted YYYY-MM-DD	TDS
49	10	Test Completion Date 3	Numeric or blank if not tested Formatted YYYY-MM-DD	TDS
50	5	Condition Codes	Alpha or blank: <ul style="list-style-type: none"> <li>• INC0</li> <li>• INC1</li> <li>• NER</li> <li>• NT</li> <li>• NTE</li> <li>• PGE</li> </ul>	TOMS
51	1	Attemptedness	Alpha or blank if not tested	Scoring (a derived value)



Data Layout (*continuation four*)

Field #	Length	Field Description	Acceptable Values	Data Source   Data Element
52	1	Test Mode—Online or Paper	<ul style="list-style-type: none"> <li>• O = online</li> <li>• P = paper</li> </ul>	TOMS
53	2	Total number of items answered	Numeric or blank if not tested	Scoring
54	2	Total number of Items	Numeric or blank if not tested	Scoring
55	3	Overall Percent Correct	Numeric or blank if not tested	Scoring
56	3	Preliminary Indicator (CAA Science only)	Numeric or blank if not tested	Scoring
57	1	Include Indicator	“Y” (yes) or blank	Derived
58	2	End of Record	“Z”	Derived

## Condition Codes (Field 50)

Code	Tests	Description
INC0	<ul style="list-style-type: none"> <li>CAA for Science</li> </ul>	Incomplete test; this is assigned when a student did not answer any items. <ul style="list-style-type: none"> <li>Include Indicator (field 57) is “Y.”</li> </ul>
INC1	<ul style="list-style-type: none"> <li>CAA for Science</li> </ul>	Incomplete test; this is assigned when a student answered fewer than four items. <ul style="list-style-type: none"> <li>Include Indicator (field 57) is “Y.”</li> </ul>
LOSS	<ul style="list-style-type: none"> <li>CSA</li> </ul>	This test did not meet the scoring threshold of 10 items. <ul style="list-style-type: none"> <li>Include Indicator (field 57) is blank.</li> </ul>
NT	<ul style="list-style-type: none"> <li>CAA for Science</li> <li>CSA</li> </ul>	The student was not tested; for the CAA for Science, this includes students who did not log on to at least one PT. <ul style="list-style-type: none"> <li>Include Indicator (field 57) is blank.</li> </ul>
NTE	<ul style="list-style-type: none"> <li>CAA for Science</li> <li>CSA</li> </ul>	The student was not tested due to significant medical emergency (out for testing window). <ul style="list-style-type: none"> <li>Include Indicator (field 57) is blank.</li> </ul>
PGE	<ul style="list-style-type: none"> <li>CAA for Science</li> <li>CSA</li> </ul>	The student was not tested by parent/guardian request. <ul style="list-style-type: none"> <li>Include Indicator (field 57) is blank.</li> </ul>
NER	<ul style="list-style-type: none"> <li>CAA for Science</li> </ul>	The student attempted one to three embedded PTs in the CAA for Science. <ul style="list-style-type: none"> <li>Include Indicator (field 57) is blank.</li> </ul>