

Science

California Science Test (CAST)

2021–22 Fixed-Length* ASCII Research Files Record Definitions

The Fixed-Length* ASCII Research Files Record Definitions page provides the following information:

- Type Legend — data format of individual data fields
- Entities File Layout — layout of entity file data fields
- Research File Layout — layout of research file data fields
- Table A — Student Groups
- Table B — Grades
- Table C — Test IDs and Names

Type Legend

Type	Description
T	Alphabetic text (letters only)
A	Alphanumeric text (letters and numbers allowed)
N	Number (numbers only)
SA	Alphanumeric with left-filled spaces
AS	Alphanumeric with right-filled spaces
ZA	Alphanumeric with left-filled zeroes
AZ	Alphanumeric with right-filled zeroes
ZN	Numeric with left-filled zeroes
NZ	Numeric with right-filled zeroes
SN	Numeric with left-filled spaces

Type	Description
4Y	4-digit year

Entities File Layout

Data	Type	Length	Start Position	End Position
County Code	ZN	2	1	2
District Code	ZN	5	3	7
School Code	ZN	7	8	14
Filler	ZN	4	15	18
Test Year	ZN	4	19	22
Type ID (04 = State 05 = County 06 = District 07 = School 09 = Direct Funded Charter School 10 = Locally Funded Charter School)	ZN	2	23	24
County Name	AS	50	25	74
District Name	AS	50	75	124
School Name	AS	50	125	174
Zip Code	ZN	5	175	179

The file created is comprised of state, all tested counties, districts, and schools in California

Research File Layout

Data/Column Heading	Type	Length	Start Position	End Position
County Code	ZA	2	1	2
District Code	ZA	5	3	7
School Code	ZA	7	8	14
Filler	ZA	4	15	18
Test Year	4Y	4	19	22
Student Group ID (Detailed listing provided below – Table A)	ZN	3	23	25
Test Type (California Science Test = X)	A	1	26	26
Total Tested at Reporting Level	SN	7	27	33
Total Tested with Scores at Reporting Level	SN	7	34	40
Grade (Detailed listing provided below – Table B)	ZN	2	41	42
Test ID (California Science Test = 17)	ZN	2	43	44
Students Enrolled	SN	7	45	51
Students Tested	SN	7	52	58
Mean Scale Score	SN	6	59	64
Percentage Standard Exceeded	SN	6	65	70

Data/Column Heading	Type	Length	Start Position	End Position
Percentage Standard Met	SN	6	71	76
Percentage Standard Met and Above	SN	6	77	82
Percentage Standard Nearly Met	SN	6	83	88
Percentage Standard Not Met	SN	6	89	94
Students with Scores	SN	7	95	101
Life Sciences Domain Percent Below Standard	SN	6	102	107
Life Sciences Domain Percent Near Standard	SN	6	108	113
Life Sciences Domain Percent Above Standard	SN	6	114	119
Physical Sciences Domain Percent Below Standard	SN	6	120	125
Physical Sciences Domain Percent Near Standard	SN	6	126	131
Physical Sciences Domain Percent Above Standard	SN	6	132	137
Earth and Space Sciences Domain Percent Below Standard	SN	6	138	143
Earth and Space Sciences Domain Percent Near Standard	SN	6	144	149
Earth and Space Sciences Domain Percent Above Standard	SN	6	150	155
Type ID (04 = State 05 = County 06 = District 07 = School 09 = Direct Funded Charter School 10 = Locally Funded Charter School)	ZN	2	156	157

Table A — Student Groups

Student Group	Student Group Name	Student Group ID
All Students	All Students	001
Disability Status	Reported disabilities	128
Disability Status	No reported disabilities	099
Economic Status	Economically disadvantaged	031
Economic Status	Not economically disadvantaged	111
English-Language Fluency	IFEP, RFEP, and EO (Fluent English proficient and English only)	006
English-Language Fluency	IFEP (Initial fluent English proficient)	007
English-Language Fluency	RFEP (Reclassified fluent English proficient)	008
English-Language Fluency	ELs enrolled less than 12 months	120
English-Language Fluency	ELs enrolled 12 months or more	142
English-Language Fluency	EL (English learner)	160
English-Language Fluency	ADEL (Adult English learner)	243
English-Language Fluency	EO (English only)	180
English-Language Fluency	Ever-EL	170
English-Language Fluency	TBD (To be determined)	190
Race and Ethnicity	American Indian or Alaska Native	075
Race and Ethnicity	Asian	076
Race and Ethnicity	Black or African American	074
Race and Ethnicity	Filipino	077

Student Group	Student Group Name	Student Group ID
Race and Ethnicity	Hispanic or Latino	078
Race and Ethnicity	Native Hawaiian or Pacific Islander	079
Race and Ethnicity	White	080
Race and Ethnicity	Two or more races	144
Ethnicity for Economically Disadvantaged	American Indian or Alaska Native	201
Ethnicity for Economically Disadvantaged	Asian	202
Ethnicity for Economically Disadvantaged	Black or African American	200
Ethnicity for Economically Disadvantaged	Filipino	203
Ethnicity for Economically Disadvantaged	Hispanic or Latino	204
Ethnicity for Economically Disadvantaged	Native Hawaiian or Pacific Islander	205
Ethnicity for Economically Disadvantaged	White	206
Ethnicity for Economically Disadvantaged	Two or more races	207
Ethnicity for Not Economically Disadvantaged	American Indian or Alaska Native	221
Ethnicity for Not Economically Disadvantaged	Asian	222
Ethnicity for Not Economically Disadvantaged	Black or African American	220
Ethnicity for Not Economically Disadvantaged	Filipino	223
Ethnicity for Not Economically Disadvantaged	Hispanic or Latino	224
Ethnicity for Not Economically Disadvantaged	Native Hawaiian or Pacific Islander	225
Ethnicity for Not Economically Disadvantaged	White	226
Ethnicity for Not Economically Disadvantaged	Two or more races	227

Student Group	Student Group Name	Student Group ID
Gender	Female	004
Gender	Male	003
Migrant	Migrant education	028
Migrant	Not migrant education	029
Parent Education	Not a high school graduate	090
Parent Education	High school graduate	091
Parent Education	Some college (includes AA degree)	092
Parent Education	College graduate	093
Parent Education	Graduate school/Postgraduate	094
Parent Education	Declined to state	121
Military Status	Armed forces family member	050
Military Status	Not armed forces family member	051
Homeless Status	Homeless	052
Homeless Status	Not homeless	053
Foster Status	Foster youth	240
Foster Status	Not foster youth	241

Table B — Grades

Grade	Description
05	Grade 5
08	Grade 8
10	Grade 10
11	Grade 11
12	Grade 12
13	All Grades
14	All High School (Includes Grades 10, 11 and 12)
99	High School Class of [Year] ([Year] = Graduating Year)

Table C — Test IDs and Names

Test ID	Test Name
17	California Science Test (CAST)

* - Some filler fields are omitted from the .CSV versions of these files.