

# **Descriptive Statistics and Correlation Tables for California's 2013 School Characteristics Index and Similar Schools Ranks**

**2013 Supplement to the Public Schools Accountability Act  
Technical Report 00-1**

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**Prepared by the  
Analysis, Measurement, and Accountability Reporting Division  
California Department of Education**

Available online at:  
<http://www.cde.ca.gov/ta/ac/ap/>

This document provides the descriptive statistics, regression coefficients, and correlation tables for elementary, middle, and high schools specific to the 2013 Growth Academic Performance Index (API) Similar Schools Rank (SSR) calculations. Using the updated regression coefficients, the 2013 School Characteristics Index can be calculated and 2013 SSR can be determined.

Please note that California *Education Code (EC)* Section 52056(a) requiring API ranking of schools was repealed. Therefore, the 2013 statewide and similar schools ranks are the final set of ranks reported. These ranks are based on the 2013 Growth API data whereas all other prior ranks were based from the corresponding Base API data. (For 2014 and beyond, ranks will no longer be produced.)

### **1999 Similar Schools Ranks**

In April of 2000, the Technical Design Group (TDG) of the Advisory Committee for the Public Schools Accountability Act (PSAA) of 1999 completed a report describing the construction and interpretation of the API decile ranks relative to schools with similar characteristics required by the PSAA. The *PSAA Technical Report 00-1* focused on the 1999 SSRs published in April 2000. The report is available in the *Construction of California's School Characteristics Index and Similar Schools Ranks* on the California Department of Education (CDE) API Web page at <http://www.cde.ca.gov/ta/ac/ap/> or you may contact the Academic Accountability Unit in the Analysis, Measurement, and Accountability Reporting Division by phone at 916-319-0863 or by e-mail at [aauc@cde.ca.gov](mailto:aauc@cde.ca.gov).

### **2013 Similar Schools Ranks**

The 2013 SSRs were calculated following the same principles that were employed for the original 1999–00 calculations. For a description of the SSRs methodology, please refer to the *PSAA Technical Report 00-1*. Note that sources for some of the data elements included in these calculations have changed. Please refer to pages 57 through 61 of the *2012–13 Academic Performance Index Reports Information Guide* currently available on the CDE 2012 Base API and 2013 Growth API Web page at <http://www.cde.ca.gov/ta/ac/ap/api1213.asp>.

This information supplements Appendices C and D of the *PSAA Technical Report 00-1*. Regression coefficients comprise the rightmost columns of Appendix C.

DESCRIPTIVE STATISTICS AND CORRELATION TABLES FOR  
CALIFORNIA'S 2013 SCHOOL CHARACTERISTICS INDEX AND SIMILAR SCHOOLS RANKS

**Appendix C**

**Descriptive Statistics for Elementary Schools**

(5,440 schools, weighted by the number of tests contributing to the Academic Performance Index [API])

	Ranges Theoretical		Ranges Actual		Central Tendency		Measures of Dispersion		Correlation with API	Coefficient	
	min	max	min	max	mean	median	standard deviation	variance		Model 1 <sup>a</sup>	Model 2 <sup>a</sup>
Socioeconomic Indicators											
Average Parent Education <sup>c</sup>	0.00	5.00	1.00	5.00	2.85	2.74	0.82	0.66	0.819	5.2581	n/a
% of Students Participating in Free or Reduced-Price Lunch Program	0.00	100.00	0.00	100.00	61.90	70.23	31.28	978.43	-0.785	-0.0554	-0.1037
English Learners (ELs)											
% of Students Classified as English Learner (EL) and Reclassified Fluent English Proficient (RFEP)	0.00	100.00	0.00	98.75	39.13	36.17	25.02	626.02	-0.578	-0.0477	-0.1015
Race and Ethnicity Categories											
% American Indian or Alaska Native	0.00	100.00	0.00	91.50	0.60	0.29	2.00	4.00	-0.095	1.3637	1.4757
% Asian	0.00	100.00	0.00	96.84	8.97	3.40	14.28	203.92	0.47	1.7078	1.9591
% Black or African American	0.00	100.00	0.00	99.42	5.97	2.77	9.05	81.96	-0.21	1.5217	1.7061
% Filipino	0.00	100.00	0.00	58.79	2.42	1.06	4.21	17.73	0.184	1.6579	1.8882
% Hispanic or Latino	0.00	100.00	0.00	100.00	53.42	53.39	29.91	894.71	-0.671	1.6413	1.8197
% Native Hawaiian or Pacific Islander	0.00	100.00	0.00	18.80	0.53	0.26	0.92	0.84	-0.071	1.2328	1.3878
% White	0.00	100.00	0.00	96.86	25.20	16.24	24.29	589.82	0.552	1.6172	1.8280
% Two or More Races	0.00	100.00	0.00	45.21	2.61	1.49	3.08	9.46	0.417	1.5632	1.8215
% Missing Race/Ethnicity	0.00	100.00	0.00	13.65	0.28	0.00	0.91	0.83	0.068	1.4731	1.6277
Teacher Credentials											
% of Teachers with Full Credentials	0.00	100.00	62.00	100.00	99.72	100.00	1.20	1.44	0.096	0.0930	0.1101
% of Teachers with Emergency Credentials	0.00	100.00	0.00	46.00	1.19	0.00	2.52	6.36	-0.096	-0.0930	-0.1101
Year Round											
Year Round Indicator <sup>b</sup>	0.00	1.00	0.00	1.00	0.02	0.00	0.13	0.02	-0.017	0.5170	-0.1559
School Mobility											
% of Students First Attending this School in Current Year	0.00	100.00	0.00	27.07	5.27	4.69	3.37	11.38	-0.518	-0.4305	-0.5631
Class Size											
Average, Grades K-3	1.00	*	2.00	40.00	24.45	24.00	4.06	16.46	0.039	-0.1151	-0.1368
Average, Grades 4-6	1.00	*	2.00	44.00	27.96	29.00	4.22	17.78	0.214	0.0728	0.0804
Average, Core Academic Courses in Departmentalized Programs	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Parent Education Response											
% of Students with Parent Education Data	0.00	100.00	0.00	100.00	88.11	94.21	17.35	301.05	n/a	n/a	n/a
Discretionary Variables <sup>c</sup>											
Grade Enrollment											
% of Grade 2 Enrollment	0.00	100.00	0.00	100.00	21.55	21.85	7.38	54.48	-0.002	n/a <sup>d</sup>	n/a <sup>d</sup>
% of Grades 3-5 Enrollment	0.00	100.00	0.00	100.00	63.32	62.65	13.38	178.97	n/a	n/a	n/a
% of Grade 6 Enrollment	0.00	100.00	0.00	100.00	10.18	12.83	9.72	94.39	-0.083	-0.0354	-0.0437
% of Grades 7-8 Enrollment	0.00	100.00	0.00	97.02	4.46	0.00	10.88	118.29	-0.048	-0.0357	-0.0444
% of Grades 9-11 Enrollment	0.00	100.00	0.00	60.22	0.49	0.00	3.57	12.73	-0.06	-0.1644	-0.1468
Gifted and Talented Education (GATE) Program											
% of Students in GATE	0.00	100.00	0.00	100.00	7.60	5.29	8.76	76.77	0.288	0.0905	0.1100
Disability											
% of Students with Disabilities	0.00	100.00	0.00	44.94	10.90	10.57	4.11	16.90	-0.141	-0.1268	-0.1480
Migrant Education Program (MEP)											
% of Students in MEP	0.00	100.00	0.00	85.82	1.35	0.00	3.88	15.02	-0.306	-0.1307	-0.1623

\* There is no theoretical maximum value for average class size.

<sup>a</sup> Model 1 includes the parent education variable, Model 2 does not.

<sup>b</sup> A definition of this variable is provided on p.3 of the PSAA Technical Report 00-1.

<sup>c</sup> These variables were added in 2006. A variable in this group can only enter the model when it is significant at  $p \leq 0.05$ .

<sup>d</sup> This variable was not entered into the model because it was not significant at  $p \leq 0.05$ .

Note: Data exclude schools with fewer than 100 valid test scores. Also excluded are schools serving non-traditional student populations (such as schools under the jurisdiction of a county board of education or county superintendent of schools, community day schools, and alternative schools, including continuation schools) unless these schools specifically elected to participate in the main API accountability system. Charter schools serving a traditional student population with 100 or more valid test scores are included.

"n/a" means not applicable.

DESCRIPTIVE STATISTICS AND CORRELATION TABLES FOR  
CALIFORNIA'S 2013 SCHOOL CHARACTERISTICS INDEX AND SIMILAR SCHOOLS RANKS

**Appendix C**  
**Descriptive Statistics for Middle Schools**  
**(1,322 schools, weighted by the number of tests contributing to the API)**

	Ranges Theoretical		Ranges Actual		Central Tendency		Measures of Dispersion		Correlation with API	Coefficient	
	min	max	min	max	mean	median	standard deviation	variance		Model 1 <sup>a</sup>	Model 2 <sup>a</sup>
Socioeconomic Indicators											
Average Parent Education <sup>c</sup>	0.00	5.00	1.21	4.72	2.83	2.76	0.78	0.60	0.864	7.1541	n/a
% of Students Participating in Free or Reduced-Price Lunch Program	0.00	100.00	0.00	100.00	59.47	64.05	29.33	860.07	-0.817	-0.0146	-0.0736
ELs											
% of Students Classified as EL and RFEP	0.00	100.00	0.00	95.30	38.60	35.80	22.56	509.02	-0.64	-0.0453	-0.1181
Race and Ethnicity Categories											
% American Indian or Alaska Native	0.00	100.00	0.00	44.85	0.55	0.33	1.15	1.33	-.022	1.4843	1.4248
% Asian	0.00	100.00	0.00	90.15	9.14	3.86	13.85	191.91	0.499	1.6510	1.9762
% Black or African American	0.00	100.00	0.00	95.80	6.48	3.07	8.90	79.19	-0.3	1.4325	1.6540
% Filipino	0.00	100.00	0.00	38.91	2.77	1.47	4.04	16.33	0.128	1.4909	1.7497
% Hispanic or Latino	0.00	100.00	1.24	99.62	52.61	51.87	28.37	804.71	-0.712	1.5872	1.8049
% Native Hawaiian or Pacific Islander	0.00	100.00	0.00	10.66	0.56	0.32	0.82	0.67	-0.088	1.2360	1.4317
% White	0.00	100.00	0.00	89.47	25.44	17.81	22.95	526.80	0.626	1.5656	1.8364
% Two or More Races	0.00	100.00	0.00	35.23	2.22	1.21	2.68	7.19	0.43	1.5858	1.9670
% Missing Race/Ethnicity	0.00	100.00	0.00	15.66	0.24	0.00	0.85	0.71	.021	1.6598	1.5408
Teacher Credentials											
% of Teachers with Full Credentials	0.00	100.00	43.00	100.00	99.49	100.00	1.83	3.36	0.147	0.0140	0.0454
% of Teachers with Emergency Credentials	0.00	100.00	0.00	71.00	2.10	0.00	3.48	12.08	-0.147	-0.0140	-0.0454
Year Round											
Year Round Indicator <sup>b</sup>	0.00	1.00	0.00	1.00	0.01	0.00	0.08	0.01	.009	1.6700	0.1565
School Mobility											
% of Students First Attending this School in Current Year	0.00	100.00	0.00	32.94	4.45	3.96	2.65	7.04	-0.623	-0.5552	-0.7834
Class Size											
Average, Grades K-3	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Average, Grades 4-6	1.00	*	4.00	39.00	28.34	29.00	3.90	15.19	0.278	0.0481	0.0552
Average, Core Academic Courses in Departmentalized Programs	1.00	*	10.00	38.00	27.53	28.00	3.68	13.56	0.347	0.0985	0.1074
Parent Education Response											
% of Students with Parent Education Data	0.00	100.00	0.00	100.00	86.93	92.98	16.61	275.99	n/a	n/a	n/a
Discretionary Variables <sup>c</sup>											
Grade Enrollment											
% of Grade 2 Enrollment	0.00	100.00	0.00	5.25	0.01	0.00	0.18	0.03	.011	1.6014	n/a <sup>d</sup>
% of Grades 3-5 Enrollment	0.00	100.00	0.00	64.86	0.96	0.00	5.15	26.47	0.057	0.0990	0.1100
% of Grade 6 Enrollment	0.00	100.00	0.00	78.11	22.25	30.86	14.55	211.64	.043	n/a <sup>d</sup>	n/a <sup>d</sup>
% of Grades 7-8 Enrollment	0.00	100.00	0.65	100.00	76.42	68.67	15.79	249.22	n/a	n/a	n/a
% of Grades 9-11 Enrollment	0.00	100.00	0.00	40.63	0.36	0.00	3.29	10.83	-.011	n/a <sup>d</sup>	n/a <sup>d</sup>
GATE Program											
% of Students in GATE	0.00	100.00	0.00	100.00	13.81	11.86	10.94	119.74	0.336	0.0673	0.0696
Disability											
% of Students with Disabilities	0.00	100.00	0.56	27.60	10.90	10.66	3.26	10.62	-0.395	-0.2431	-0.2795
MEP											
% of Students in MEP	0.00	100.00	0.00	82.55	1.19	0.00	3.42	11.70	-0.253	-0.1210	-0.1514

\* There is no theoretical maximum value for average class size.

<sup>a</sup> Model 1 includes the parent education variable, Model 2 does not.

<sup>b</sup> A definition of this variable is provided on p.3 of the PSAA Technical Report 00-1.

<sup>c</sup> These variables were added in 2006. A variable in this group can only enter the model when it is significant at  $p \leq 0.05$ .

<sup>d</sup> This variable was not entered into the model because it was not significant at  $p \leq 0.05$ .

Note: Data exclude schools with fewer than 100 valid test scores. Also excluded are schools serving non-traditional student populations (such as schools under the jurisdiction of a county board of education or county superintendent of schools, community day schools, and alternative schools, including continuation schools) unless these schools specifically elected to participate in the main API accountability system. Charter schools serving a traditional student population with 100 or more valid test scores are included.

"n/a" means not applicable.

DESCRIPTIVE STATISTICS AND CORRELATION TABLES FOR  
CALIFORNIA'S 2013 SCHOOL CHARACTERISTICS INDEX AND SIMILAR SCHOOLS RANKS

**Appendix C**  
**Descriptive Statistics for High Schools**  
**(1,277 schools, weighted by the number of tests contributing to the API)**

	Ranges Theoretical		Ranges Actual		Central Tendency		Measures of Dispersion		Correlation with API	Coefficient	
	min	max	min	max	mean	median	standard deviation	variance		Model 1 <sup>a</sup>	Model 2 <sup>a</sup>
Socioeconomic Indicators											
Average Parent Education <sup>c</sup>	0.00	5.00	1.16	5.00	2.85	2.80	0.73	0.53	0.819	7.6718	n/a
% of Students Participating in Free or Reduced-Price Lunch Program	0.00	100.00	0.00	100.00	54.03	56.40	26.50	702.22	-0.761	0.0058	-0.0860
ELs											
% of Students Classified as EL and RFEP	0.00	100.00	0.00	98.54	36.42	33.48	22.16	490.85	-0.576	-0.0546	-0.1067
Race and Ethnicity Categories											
% American Indian or Alaska Native	0.00	100.00	0.00	79.19	0.66	0.38	1.45	2.10	-0.018	1.3714	1.5340
% Asian	0.00	100.00	0.00	86.33	9.44	4.06	13.75	189.14	0.45	1.6673	1.9990
% Black or African American	0.00	100.00	0.00	96.89	6.27	3.31	7.99	63.79	-0.335	1.3677	1.6389
% Filipino	0.00	100.00	0.00	43.29	2.99	1.62	4.25	18.07	0.136	1.5948	1.8874
% Hispanic or Latino	0.00	100.00	0.93	100.00	50.25	49.26	27.10	734.55	-0.652	1.6245	1.8575
% Native Hawaiian or Pacific Islander	0.00	100.00	0.00	8.85	0.56	0.38	0.69	0.48	-0.096	1.3617	1.4839
% White	0.00	100.00	0.00	93.02	27.35	21.50	22.99	528.32	0.553	1.5917	1.8818
% Two or More Races	0.00	100.00	0.00	28.53	2.31	1.40	2.77	7.65	0.34	1.5935	1.9151
% Missing Race/Ethnicity	0.00	100.00	0.00	17.71	0.17	0.00	0.74	0.55	.027	1.7975	1.5259
Teacher Credentials											
% of Teachers with Full Credentials	0.00	100.00	61.00	100.00	99.45	100.00	1.54	2.36	0.188	-0.0166	0.0110
% of Teachers with Emergency Credentials	0.00	100.00	0.00	46.00	2.19	1.00	3.11	9.70	-0.188	0.0166	-0.0110
Year Round											
Year Round Indicator <sup>b</sup>	0.00	1.00	0.00	1.00	0.01	0.00	0.10	0.01	-0.08	3.9406	5.7365
School Mobility											
% of Students First Attending this School in Current Year	0.00	100.00	0.00	68.60	4.85	3.96	4.97	24.67	-0.464	-0.3565	-0.4693
Class Size											
Average, Grades K-3	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Average, Grades 4-6	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Average, Core Academic Courses in Departmentalized Programs	1.00	*	1.00	48.00	27.54	28.00	4.78	22.81	0.262	0.0143	0.0502
Parent Education Response											
% of Students with Parent Education Data	0.00	100.00	0.00	100.00	85.47	92.54	19.17	367.51	n/a	n/a	n/a
Discretionary Variables <sup>c</sup>											
Grade Enrollment											
% of Grade 2 Enrollment	0.00	100.00	0.00	10.27	0.10	0.00	0.80	0.64	-0.059	-0.3155	n/a <sup>d</sup>
% of Grades 3-5 Enrollment	0.00	100.00	0.00	25.36	0.35	0.00	2.60	6.75	-.043	n/a <sup>d</sup>	n/a <sup>d</sup>
% of Grade 6 Enrollment	0.00	100.00	0.00	22.26	0.45	0.00	2.51	6.29	-.015	n/a <sup>d</sup>	n/a <sup>d</sup>
% of Grades 7-8 Enrollment	0.00	100.00	0.00	68.83	1.94	0.00	8.04	64.63	.040	0.0473	0.0650
% of Grades 9-11 Enrollment	0.00	100.00	29.66	100.00	97.16	100.00	11.54	133.22	n/a	n/a	n/a
GATE Program											
% of Students in GATE	0.00	100.00	0.00	77.05	12.92	11.22	10.75	115.46	0.369	0.0617	0.0719
Disability											
% of Students with Disabilities	0.00	100.00	0.00	25.25	9.50	9.44	2.94	8.62	-0.478	-0.6254	-0.7163
MEP											
% of Students in MEP	0.00	100.00	0.00	37.72	1.14	0.00	3.13	9.78	-0.208	-0.1640	-0.2354

\* There is no theoretical maximum value for average class size.

<sup>a</sup> Model 1 includes the parent education variable, Model 2 does not.

<sup>b</sup> A definition of this variable is provided on p.3 of the PSAA Technical Report 00-1.

<sup>c</sup> These variables were added in 2006. A variable in this group can only enter the model when it is significant at  $p \leq 0.05$ .

<sup>d</sup> This variable was not entered into the model because it was not significant at  $p \leq 0.05$ .

Note: Data exclude schools with fewer than 100 valid test scores. Also excluded are schools serving non-traditional student populations (such as schools under the jurisdiction of a county board of education or county superintendent of schools, community day schools, and alternative schools, including continuation schools) unless these schools specifically elected to participate in the main API accountability system. Charter schools serving a traditional student population with 100 or more valid test scores are included.

"n/a" means not applicable.

**DESCRIPTIVE STATISTICS AND CORRELATION TABLES FOR  
CALIFORNIA'S 2013 SCHOOL CHARACTERISTICS INDEX AND SIMILAR SCHOOLS RANKS**

**Appendix D**

**Correlations for Elementary Schools (Weighted by the Number of Tests Contributing to the API)**

Above the diagonal: Correlations of schools with at least 50 percent of students with parental education data (n=5,224)

Below the diagonal: Correlations based on all schools (n=5,440)

Statistics	API	Average Parent Education	% of Students Participating in Free or Reduced-Price Lunch	% EL and RFP	% American Indian or Alaska Native	% Asian	% Black or African American	% Filipino	% Hispanic or Latino	% Native Hawaiian or Pacific Islander	% White	% Two or More Races	% Missing Race/Ethnicity
API	r 1 p N 5224	.824 0.000 5224	-.793 0.000 5224	-.584 0.000 5224	-.097 .000 5224	.461 .000 5224	-.209 .000 5224	.181 .000 5224	-.667 0.000 5224	-.079 .000 5224	.553 0.000 5224	.411 .000 5224	.068 .000 5224
Average Parent Education	r .819 p 0.000 N 5440	1 0.000 5440	-.923 0.000 5224	-.798 0.000 5224	-.015 .284 5224	.438 .000 5224	-.085 .000 5224	.195 .000 5224	-.866 0.000 5224	-.020 .152 5224	.735 0.000 5224	.548 0.000 5224	.090 .000 5224
% of Students Participating in Free or Reduced-Price Lunch	r -.785 p 0.000 N 5440	-.906 0.000 5440	1 0.000 5440	.744 0.000 5224	.022 .107 5224	-.384 .000 5224	.173 .000 5224	-.168 .000 5224	.819 0.000 5224	.049 .000 5224	-.750 0.000 5224	-.524 0.000 5224	-.087 .000 5224
% English Learner (EL) and Reclassified Fluent English Proficient (RFP)	r -.578 p 0.000 N 5440	-.783 0.000 5440	.739 0.000 5440	1 0.000 5440	-.134 .000 5224	-.090 .000 5224	-.112 .000 5224	-.080 .000 5224	.789 0.000 5224	-.004 .764 5224	-.783 0.000 5224	-.497 0.000 5224	-.066 .000 5224
% American Indian or Alaska Native	r -.095 p .000 N 5440	-.013 .348 5440	.021 .116 5440	-.134 .000 5440	1 .000 5440	-.063 .000 5224	-.013 .345 5224	-.041 .003 5224	-.112 .000 5224	-.005 .731 5224	.103 .000 5224	.026 .059 5224	-.013 .350 5224
% Asian	r .470 p .000 N 5440	.434 .000 5440	-.383 .000 5440	-.077 .000 5440	-.064 .000 5440	1 .000 5440	-.069 .000 5224	.207 .000 5224	-.477 .000 5224	.046 .001 5224	-.021 .134 5224	.189 .000 5224	.084 .000 5224
% Black or African American	r -.210 p .000 N 5440	-.089 .000 5440	.166 .000 5440	-.122 .000 5440	-.013 .347 5440	-.082 .000 5440	1 .000 5224	.078 .000 5224	-.106 .000 5224	.230 .000 5224	-.219 .000 5224	.003 .813 5224	.036 .009 5224
% Filipino	r .184 p .000 N 5440	.197 .000 5440	-.168 .000 5440	-.087 .000 5440	-.038 .005 5440	.197 .000 5440	.071 .000 5440	1 .000 5440	-.219 .000 5224	.268 .000 5224	-.083 .000 5224	.169 .000 5224	.002 .863 5224
% Hispanic or Latino	r -.671 p 0.000 N 5440	-.859 0.000 5440	.815 0.000 5440	.784 0.000 5440	-.111 .000 5440	-.482 0.000 5440	-.107 .000 5440	-.220 .000 5440	1 .000 5224	-.091 .000 5224	-.782 0.000 5224	-.584 0.000 5224	-.133 .000 5224
% Native Hawaiian or Pacific Islander	r -.071 p .000 N 5440	-.013 .339 5440	.045 .001 5440	-.007 .624 5440	-.005 .705 5440	-.048 .000 5440	.216 .000 5440	.271 .000 5440	-.093 .000 5440	1 .000 5224	-.095 .000 5224	.083 .000 5224	.042 .002 5224
% White	r .552 p 0.000 N 5440	.731 0.000 5440	-.745 0.000 5440	-.783 0.000 5440	.100 .000 5440	-.021 .129 5440	-.214 .000 5440	-.074 .000 5440	-.779 0.000 5440	-.090 .000 5440	1 .000 5440	.441 .000 5224	.053 .000 5224
% Two or More Races	r .417 p .000 N 5440	.549 0.000 5440	-.522 0.000 5440	-.501 0.000 5440	.025 .060 5440	.187 .000 5440	-.003 .850 5440	.174 .000 5440	-.585 0.000 5440	.081 .000 5440	.446 .000 5440	1 .000 5440	.072 .000 5224
% Missing Race/Ethnicity	r .068 p .000 N 5440	.091 .000 5440	-.085 .000 5440	-.070 .000 5440	-.011 .398 5440	.074 .000 5440	.035 .010 5440	.006 .667 5440	-.132 .000 5440	.043 .002 5440	.057 .000 5440	.076 .000 5440	1 5224

\* Correlation is significant at the 0.05 level (2-tailed).

\*\* Correlation is significant at the 0.01 level (2-tailed).

Note: Correlations are bivariate with each observation (school) weighted by the number of valid test scores.

Each cell contains the correlation (r--top), its statistical significance (P--middle), and the total number of cases (N--bottom).

DESCRIPTIVE STATISTICS AND CORRELATION TABLES FOR  
CALIFORNIA'S 2013 SCHOOL CHARACTERISTICS INDEX AND SIMILAR SCHOOLS RANKS

**Appendix D**  
**Correlations for Elementary Schools (Weighted by the Number of Tests Contributing to the API)**  
Correlations based on all schools (n=5,440)

Statistics	API	Average Parent Education	% of Students Participating in Free or Reduced-Price Lunch	% EL and RFP	% American Indian or Alaska Native	% Asian	% Black or African American	% Filipino	% Hispanic or Latino	% Native Hawaiian or Pacific Islander	% White	% Two or More Races	% Missing Race/Ethnicity
% of Teachers with Full Credentials	r	.096**	.064**	-.064**	-.015	-.022	.048*	-.126**	.005	-.036*	-.005	.061**	.035
	p	.000	.000	.000	.266	.111	.000	.721	.008	.740	.000	.112	.011
	N	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440
% of Teachers with Emergency Credentials	r	-.096**	-.064**	.064**	.015	.022	-.048*	.126**	-.005	.036*	.005	-.061**	-.035
	p	.000	.000	.000	.266	.111	.000	.721	.008	.740	.000	.112	.011
	N	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440
Year Round Indicator	r	-.017	-.035	.037	.049	-.012	.047*	.020	.032	.010	.024	-.055**	-.003
	p	.215	.011	.007	.000	.359	.000	.137	.018	.452	.074	.000	.825
	N	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440
% of School Mobility	r	-.518**	-.390**	.391**	.104	.111	-.221**	.256**	-.119*	.213*	.043*	-.196**	-.070**
	p	0.000	.000	.000	.000	.000	.000	.000	.000	.000	.002	.000	.000
	N	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440
Average Class Size, Grades K-3	r	.039**	.019	-.042*	.005	-.052*	.062*	.010	.022	.012	.045**	-.058**	-.003
	p	.004	.168	.002	.717	.000	.000	.444	.113	.379	.001	.000	.809
	N	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440
Average Class Size, Grades 4-6	r	.214**	.122**	-.119*	-.022	-.091**	.154*	-.074*	.095*	-.053*	.028*	-.015	.051**
	p	.000	.000	.000	.110	.000	.000	.000	.000	.000	.042	.267	.393
	N	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440
% of Grade 2 Enrollment	r	-.002	-.060**	.075**	.105*	-.043*	-.026	.029	-.020	.084*	.001	-.095**	.018
	p	.880	.000	.000	.000	.002	.060	.030	.133	.000	.943	.000	.418
	N	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440
% of Grade 6 Enrollment	r	-.083**	-.057**	.033*	.006	.025	.026	-.047*	.004	.029*	-.015	-.021	-.046**
	p	.000	.000	.015	.667	.067	.052	.001	.793	.035	.278	.118	.001
	N	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440
% of Grades 7-8 Enrollment	r	-.048**	.035	-.037*	-.112*	.114*	-.033*	.011	-.001	-.088*	.003	.115*	.015
	p	.000	.010	.006	.000	.000	.014	.414	.918	.000	.804	.000	.282
	N	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440
% of Grades 9-11 Enrollment	r	-.060**	.062**	-.073*	-.125*	.026	-.043*	.009	-.032	-.088*	-.021	.132**	.006
	p	.000	.000	.000	.000	.058	.002	.530	.019	.000	.123	.000	.675
	N	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440
% of Students in Gifted and Talented Education (GATE) Program	r	.288**	.211**	-.155*	-.108	-.048*	.168*	.050*	.110*	-.156*	-.012	.048*	.078*
	p	.000	.000	.000	.000	.000	.000	.000	.000	.000	.367	.000	.000
	N	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440
% of Students with Disabilities	r	-.141**	-.071**	.084*	-.049*	.066*	-.167**	.072**	-.017	.019	.048*	.037**	.026
	p	.000	.000	.000	.000	.000	.000	.000	.216	.152	.000	.006	.058
	N	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440
% of Students in Migrant Education Program (MEP)	r	-.306**	-.335**	.265**	.354**	-.006	-.148**	-.146**	-.109**	.338**	-.084**	-.226**	-.036**
	p	.000	.000	.000	.000	.679	.000	.000	.000	.000	.000	.000	.007
	N	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440
School Characteristic Index	r	.880**	.925**	-.898**	-.660**	-.110**	.529**	-.236**	.206**	-.762**	-.085**	.630**	.077**
	p	0.000	0.000	0.000	0.000	.000	0.000	.000	.000	0.000	.000	.000	.000
	N	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440

\* Correlation is significant at the 0.05 level (2-tailed).

\*\* Correlation is significant at the 0.01 level (2-tailed).

Note: Correlations are bivariate with each observation (school) weighted by the number of valid test scores.  
Each cell contains the correlation (r--top), its statistical significance (P--middle), and the total number of cases (N--bottom).

DESCRIPTIVE STATISTICS AND CORRELATION TABLES FOR  
CALIFORNIA'S 2013 SCHOOL CHARACTERISTICS INDEX AND SIMILAR SCHOOLS RANKS

**Appendix D**  
**Correlations for Elementary Schools (Weighted by the Number of Tests Contributing to the API)**  
Correlations of schools with at least 50 percent of students with parental education data (n=5,224)

	Statistics	% of Teachers with Full Credentials	% of Teachers with Emergency Credentials	Year Round Indicator	% of School Mobility	Average Class Size, Grades K-3	Average Class Size, Grades 4-6	% of Grade 2 Enrollment	% of Grade 6 Enrollment	% of Grades 7-8 Enrollment	% of Grades 9-11 Enrollment	% of Students in GA TE	% of Students with Disabilities	% of Students in MEP	School Characteristic Index
API	r	.096**	-.096**	-.005	-.522**	.030	.207**	.005	-.097**	-.052**	-.063**	.292**	-.132**	-.304**	.880**
	p	.000	.000	.705	0.000	.030	.000	.719	.000	.000	.000	.000	.000	.000	0.000
	N	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224
Average Parent Education	r	.066**	-.066**	-.027	-.393**	.010	.117**	-.056**	-.066**	.029	.065**	.218**	-.065**	-.341**	.933**
	p	.000	.000	.052	.000	.491	.000	.000	.000	.034	.000	.000	.000	.000	0.000
	N	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224
% of Students Participating in Free or Reduced-Price Lunch	r	-.067**	.067**	.026	.402**	-.023	-.107**	.071**	.049**	-.037**	-.078**	-.166**	.076**	.267**	-.901**
	p	.000	.000	.065	.000	.097	.000	.000	.000	.007	.000	.000	.000	.000	0.000
	N	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224
% EL and RFP	r	-.023	.023	.033	.106	.000	-.022	.108	-.006	-.106**	-.127**	-.119**	-.060	.361**	-.664**
	p	.092	.092	.017	.000	.975	.117	.000	.668	.000	.000	.000	.000	.000	0.000
	N	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224
% American Indian or Alaska Native	r	-.024	.024	-.011	.114**	-.049**	-.091**	-.042**	.028	.112**	.025	-.047**	.070**	-.005	-.110**
	p	.087	.087	.419	.000	.000	.000	.003	.040	.000	.067	.001	.000	.711	.000
	N	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224
% Asian	r	.043**	-.043**	.061**	-.223**	.043**	.139**	-.016	-.003	-.028	-.042**	.175**	-.165**	-.144**	.526**
	p	.002	.002	.000	.000	.002	.000	.236	.838	.045	.003	.000	.000	.000	0.000
	N	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224
% Black or African American	r	-.115**	.115**	.030	.257**	.023	-.069**	.024	-.033	.013	.005	.054**	.077**	-.149**	-.237**
	p	.000	.000	.032	.000	.095	.000	.088	.018	.346	.716	.000	.000	.000	.000
	N	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224
% Filipino	r	.003	-.003	.037**	-.121**	.022	.094**	-.021	.006	-.004	-.032	.114**	-.017	-.110**	.205**
	p	.801	.801	.007	.000	.120	.000	.132	.672	.795	.020	.000	.208	.000	.000
	N	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224
% Hispanic or Latino	r	-.040**	.040**	-.005	.214**	.020	-.043**	.082	.035	-.087**	-.093**	-.165**	.009	.340**	-.759**
	p	.004	.004	.701	.000	.141	.002	.000	.012	.000	.000	.000	.524	.000	0.000
	N	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224
% Native Hawaiian or Pacific Islander	r	-.006	.006	.028	.044**	.046**	.026	.000	-.017	.005	-.020	-.010	.047**	-.083**	-.090**
	p	.666	.666	.043	.001	.001	.061	.989	.211	.741	.146	.460	.001	.000	.000
	N	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224
% White	r	.064**	-.064**	-.049**	-.197**	-.061**	-.018	-.096**	-.017	.110**	.137**	.053**	.044**	-.230**	.629**
	p	.000	.000	.000	.000	.000	.193	.000	.207	.000	.000	.000	.001	.000	0.000
	N	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224
% Two or More Races	r	.022	-.022	.024	-.149**	.017	.049**	.019	-.097**	-.012	.021	.077**	.047**	-.197**	.468**
	p	.109	.109	.087	.000	.232	.000	.161	.000	.377	.130	.000	.001	.000	.000
	N	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224
% Missing Race/Ethnicity	r	.037**	-.037**	-.002	-.072**	-.001	.013	.010	-.043**	.012	.005	.082**	.026	-.038**	.078**
	p	.008	.008	.896	.000	.917	.349	.467	.002	.369	.699	.000	.063	.006	.000
	N	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224

\* Correlation is significant at the 0.05 level (2-tailed).

\*\* Correlation is significant at the 0.01 level (2-tailed).

Note: Correlations are bivariate with each observation (school) weighted by the number of valid test scores.  
Each cell contains the correlation (r--top), its statistical significance (P--middle), and the total number of cases (N--bottom).



# DESCRIPTIVE STATISTICS AND CORRELATION TABLES FOR CALIFORNIA'S 2013 SCHOOL CHARACTERISTICS INDEX AND SIMILAR SCHOOLS RANKS

## Appendix D

### Correlations for Elementary Schools (Weighted by the Number of Tests Contributing to the API)

Above the diagonal: Correlations of schools with at least 50 percent of students with parental education data (n=5224)

Below the Diagonal: Correlations based on all schools (n=5,440)

	Statistics	% of Teachers with Full Credentials	% of Teachers with Emergency Credentials	Year Round Indicator	% of School Mobility	Average Class Size, Grades K-3	Average Class Size, Grades 4-6	% of Grade 2 Enrollment	% of Grade 6 Enrollment	% of Grades 7-8 Enrollment	% of Grades 9-11 Enrollment	% of Students in GATE	% of Students with Disabilities	% of Students in MEP	School Characteristic Index
% of Teachers with Full Credentials	r	1	-1.000**	.013	-.052**	.078*	.086**	.008	.014	-.067**	-.075**	.002	.013	.010	.109**
	p		0.000	.335	.000	.000	.000	.569	.319	.000	.000	.897	.341	.460	.000
	N		5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224
% of Teachers with Emergency Credentials	r	-1.000**	1	-.013	.052**	-.078**	-.086**	-.008	-.014	.067**	.075**	-.002	-.013	-.010	-.109**
	p		0.000	.335	.000	.000	.000	.569	.319	.000	.000	.897	.341	.460	.000
	N		5440	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224
Year Round Indicator	r	.015	-.015	1	.018	-.050**	-.017	.011	.035*	-.045**	-.009	.014	-.030*	-.009	-.006
	p	.263	.263		.190	.000	.232	.425	.013	.001	.532	.327	.031	.532	.665
	N	5440	5440		5224	5224	5224	5224	5224	5224	5224	5224	5224	5224	5224
% of School Mobility	r	-.054**	.054**	.021	1	-.109**	-.296**	-.038*	.108*	.045**	.235**	-.214**	.122**	.102**	-.594**
	p	.000	.000	.116		.000	.000	.007	.000	.001	.000	.000	.000	.000	0.000
	N	5440	5440	5440		5224	5224	5224	5224	5224	5224	5224	5224	5224	5224
Average Class Size, Grades K-3	r	.078*	-.078**	-.035**	-.106**	1	.589**	.071**	.048*	-.143**	-.313**	-.021	-.107**	.019	.033
	p	.000	.000	.009	.000		0.000	.000	.001	.000	.000	.136	.000	.171	.016
	N	5440	5440	5440	5440		5224	5224	5224	5224	5224	5224	5224	5224	5224
Average Class Size, Grades 4-6	r	.090**	-.090**	-.012	-.293**	.589**	1	.093**	.003	-.176**	-.385**	.100**	-.179**	-.055**	.234**
	p	.000	.000	.363	.000	0.000		.000	.807	.000	.000	.000	.000	.000	.000
	N	5440	5440	5440	5440	5440		5224	5224	5224	5224	5224	5224	5224	5224
% of Grade 2 Enrollment	r	.007	-.007	.007	-.033*	.064*	.085**	1	-.487**	-.474**	-.211**	-.047**	.041**	.009	.001
	p	.606	.606	.609	.015	.000	.000		0.000	.000	.000	.001	.003	.522	.926
	N	5440	5440	5440	5440	5440	5440		5224	5224	5224	5224	5224	5224	5224
% of Grade 6 Enrollment	r	.017	-.017	.041**	.103*	.070*	.020	-.487**	1	.190*	.009	-.012	-.061**	.085*	-.111**
	p	.211	.211	.002	.000	.000	.140	0.000		.000	.509	.376	.000	.000	.000
	N	5440	5440	5440	5440	5440	5440	5440		5224	5224	5224	5224	5224	5224
% of Grades 7-8 Enrollment	r	-.071**	.071**	-.047**	.039*	-.147**	-.174**	-.472**	.180*	1	.221**	-.036**	-.117**	.014	-.059**
	p	.000	.000	.001	.004	.000	.000	.000	.000		.000	.009	.000	.304	.000
	N	5440	5440	5440	5440	5440	5440	5440	5440		5224	5224	5224	5224	5224
% of Grades 9-11 Enrollment	r	-.077**	.077**	-.010	.225**	-.307**	-.375**	-.213**	.007	.224**	1	-.079**	-.082**	-.045**	-.071**
	p	.000	.000	.481	.000	.000	.000	.000	.605	.000		.000	.000	.001	.000
	N	5440	5440	5440	5440	5440	5440	5440	5440	5440		5224	5224	5224	5224
% of Students in GATE	r	.000	.000	.027*	-.214**	-.013	.100**	-.051**	-.006	-.034*	-.071**	1	-.041**	-.139**	.334**
	p	.998	.998	.044	.000	.328	.000	.000	.635	.013	.000		.003	.000	.000
	N	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440		5224	5224	5224
% of Students with Disabilities	r	.016	-.016	-.023	.125**	-.107**	-.188**	.044*	-.063**	-.117**	-.082**	-.039**	1	-.097**	-.151**
	p	.245	.245	.084	.000	.000	.000	.001	.000	.000	.000	.004		.000	.000
	N	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440		5224	5224
% of Students in MEP	r	.011	-.011	-.008	.102**	.016	-.056**	.011	.071**	.014	-.044**	-.136**	-.089**	1	-.347**
	p	.403	.403	.567	.000	.246	.000	.397	.000	.299	.001	.000	.000		.000
	N	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440		5224
School Characteristic Index	r	.109**	-.109**	-.017	-.589**	.044*	.242**	-.005	-.097**	-.055**	-.070**	.326**	-.159**	-.345**	1
	p	.000	.000	.200	0.000	.001	.000	.697	.000	.000	.000	.000	.000	.000	
	N	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	5440	

\* Correlation is significant at the 0.05 level (2-tailed).

\*\* Correlation is significant at the 0.01 level (2-tailed).

Note: Correlations are bivariate with each observation (school) weighted by the number of valid test scores. Each cell contains the correlation (r--top), its statistical significance (P--middle), and the total number of cases (N--bottom).

**DESCRIPTIVE STATISTICS AND CORRELATION TABLES FOR  
CALIFORNIA'S 2013 SCHOOL CHARACTERISTICS INDEX AND SIMILAR SCHOOLS RANKS**

**Appendix D**

**Correlations for Middle Schools (Weighted by the Number of Tests Contributing to the API)**

Above the diagonal: Correlations of schools with at least 50 percent of students with parental education data (n=1263)

Below the diagonal: Correlations based on all schools (n=1,322)

	Statistics	API	Average Parent Education	% of Students Participating in Free or Reduced-Price Lunch	% EL and RFEP	% American Indian or Alaska Native	% Asian	% Black or African American	% Filipino	% Hispanic or Latino	% Native Hawaiian or Pacific Islander	% White	% Two or More Races	% Missing Race/Ethnicity
API	r	1	.866**	-.817**	-.661**	-.028	.498**	-.262**	.121**	-.728**	-.084**	.627**	.433**	.045
	p		0.000	.000	.000	.327	.000	.000	.000	.000	.003	.000	.000	.110
	N		1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263
Average Parent Education	r	.864**	1	-.917**	-.823**	.005	.467**	-.113**	.182**	-.881**	.005	.752**	.551**	.021
	p	0.000		0.000	0.000	.846	.000	.000	.000	0.000	.847	.000	.000	.460
	N	1322		1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263
% of Students Participating in Free or Reduced-Price Lunch	r	-.817**	-.915**	1	.776**	-.010	-.416**	.195**	-.167**	.828**	.025	-.754**	-.511**	-.036
	p	0.000	0.000		.000	.728	.000	.000	.000	0.000	.373	.000	.000	.201
	N	1322	1322		1263	1263	1263	1263	1263	1263	1263	1263	1263	1263
% EL and RFEP	r	-.640**	-.806**	.771**	1	-.177**	-.129**	-.076**	-.077**	.790**	-.010	-.788**	-.496**	.010
	p	.000	.000	.000		.000	.000	.007	.006	.000	.716	.000	.000	.722
	N	1322	1322	1322		1263	1263	1263	1263	1263	1263	1263	1263	1263
% American Indian or Alaska Native	r	-.022	.009	-.015	-.180**	1	-.088**	-.036	-.078**	-.147**	-.021	.205**	.035	-.003
	p	.430	.743	.590	.000		.002	.206	.006	.000	.461	.000	.214	.908
	N	1322	1322	1322	1322		1263	1263	1263	1263	1263	1263	1263	1263
% Asian	r	.499**	.470**	-.408**	-.108**	-.087**	1	-.083**	.217**	-.513**	.070	.014	.150**	.145**
	p	.000	.000	.000	.000	.001		.003	.000	.000	.012	.608	.000	.000
	N	1322	1322	1322	1322	1322		1263	1263	1263	1263	1263	1263	1263
% Black or African American	r	-.300**	-.127**	.205**	-.081**	-.037	-.090**	1	.119**	-.066**	.277**	-.254**	-.023	.025
	p	.000	.000	.000	.003	.178	.001		.000	.019	.000	.000	.409	.373
	N	1322	1322	1322	1322	1322	1322		1263	1263	1263	1263	1263	1263
% Filipino	r	.128**	.185**	-.173**	-.086**	-.073**	.204**	.089**	1	-.247**	.387**	-.086**	.262**	.002
	p	.000	.000	.000	.002	.008	.000	.001		.000	.000	.002	.000	.942
	N	1322	1322	1322	1322	1322	1322	1322		1263	1263	1263	1263	1263
% Hispanic or Latino	r	-.712**	-.874**	.820**	.780**	-.148**	-.516**	-.077**	-.245**	1	-.131**	-.781**	-.556**	-.115**
	p	.000	0.000	0.000	.000	.000	.000	.005	.000		.000	.000	.000	.000
	N	1322	1322	1322	1322	1322	1322	1322	1322		1263	1263	1263	1263
% Native Hawaiian or Pacific Islander	r	-.088**	.001	.031	-.003	-.020	.072**	.251**	.380**	-.129**	1	-.095**	.089**	.071**
	p	.001	.979	.265	.904	.459	.009	.000	.000	.000		.001	.002	.012
	N	1322	1322	1322	1322	1322	1322	1322	1322	1322		1263	1263	1263
% White	r	.626**	.748**	-.756**	-.787**	.209**	.012	-.258**	-.073**	-.771**	-.096**	1	.436**	.011
	p	.000	.000	.000	.000	.000	.654	.000	.008	.000	.000		.000	.702
	N	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322		1263	1263
% Two or More Races	r	.430**	.547**	-.511**	-.490**	.044	.144**	-.038	.267**	-.549**	.087**	.438**	1	.003
	p	.000	.000	.000	.000	.106	.000	.168	.000	.000	.002	.000		.925
	N	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322		1263
% Missing Race/Ethnicity	r	.021	.011	-.024	.014	-.002	.156**	.056**	.004	-.126**	.090**	-.001	.000	1
	p	.451	.691	.391	.622	.944	.000	.042	.870	.000	.001	.981	.997	
	N	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	

\* Correlation is significant at the 0.05 level (2-tailed).

\*\* Correlation is significant at the 0.01 level (2-tailed).

Note: Correlations are bivariate with each observation (school) weighted by the number of valid test scores.

Each cell contains the correlation (r--top), its statistical significance (P--middle), and the total number of cases (N--bottom).

**DESCRIPTIVE STATISTICS AND CORRELATION TABLES FOR  
CALIFORNIA'S 2013 SCHOOL CHARACTERISTICS INDEX AND SIMILAR SCHOOLS RANKS**

**Appendix D**  
**Correlations for Middle Schools (Weighted by the Number of Tests Contributing to the API)**  
Correlations based on all schools (n=1,322)

	Statistics	API	Average Parent Education	% of Students Participating in Free or Reduced-Price Lunch	% EL and RFP	% American Indian or Alaska Native	% Asian	% Black or African American	% Filipino	% Hispanic or Latino	% Native Hawaiian or Pacific Islander	% White	% Two or More Races	% Missing Race/Ethnicity
% of Teachers with Full Credentials	r	.147**	.142**	-.146**	-.111**	.026	.013	-.198**	.014	-.070	-.023	.143**	.073**	.014
	p	.000	.000	.000	.000	.338	.646	.000	.611	.011	.414	.000	.008	.622
	N	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322
% of Teachers with Emergency Credentials	r	-.147**	-.142**	.146**	.111**	-.026	-.013	.198**	-.014	.070	.023	-.143**	-.073**	-.014
	p	.000	.000	.000	.000	.338	.646	.000	.611	.011	.414	.000	.008	.622
	N	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322
Year Round Indicator	r	.009	-.030	.026	.058*	-.015	.068*	-.042	.026	-.003	.005	-.022	-.021	-.009
	p	.751	.279	.341	.035	.574	.014	.128	.337	.912	.845	.421	.441	.745
	N	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322
% of School Mobility	r	-.623**	-.520**	.525**	.253**	.120*	-.290**	.325**	-.152**	.348**	.062*	-.334**	-.227**	-.023
	p	.000	.000	.000	.000	.000	.000	.000	.000	.000	.024	.000	.000	.405
	N	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322
Average Class Size, Grades 4-6	r	.278**	.220**	-.202**	-.188**	-.060*	.092*	-.073**	.072**	-.157**	-.013	.148**	.082**	.017
	p	.000	.000	.000	.000	.030	.001	.008	.008	.000	.647	.000	.003	.531
	N	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322
Average Class Size, Core	r	.347**	.293**	-.267**	-.217**	-.075*	.188**	-.109**	.105**	-.218**	.043	.167**	.128**	.008
	p	.000	.000	.000	.000	.007	.000	.000	.000	.000	.117	.000	.000	.760
	N	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322
% of Grade 2 Enrollment	r	.011	-.025	.048	.041	-.010	.071**	.056*	.030	-.020	-.008	-.043	-.007	-.015
	p	.690	.357	.082	.141	.721	.010	.040	.273	.465	.762	.119	.791	.585
	N	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322
% of Grades 3-5 Enrollment	r	.057*	.010	.000	-.035	.147**	-.039	-.013	-.056*	-.044	-.026	.085**	.013	-.026
	p	.039	.722	.997	.198	.000	.160	.648	.042	.110	.343	.002	.646	.336
	N	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322
% of Grade 6 Enrollment	r	.043	.063*	-.040	-.027	-.025	-.034	.063*	.012	-.052	.024	.049	.064**	.087**
	p	.117	.021	.141	.331	.371	.222	.023	.666	.057	.384	.078	.021	.002
	N	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322
% of Grades 9-11 Enrollment	r	-.011	.010	.014	.002	-.011	-.022	.057*	.020	.006	-.029	-.021	.029	-.014
	p	.677	.714	.607	.929	.702	.433	.037	.471	.832	.298	.442	.300	.614
	N	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322
% of Students in GATE	r	.336**	.285**	-.239**	-.167**	-.051	.287**	-.018	.136**	-.246**	-.027	.102**	.076**	.170**
	p	.000	.000	.000	.000	.063	.000	.524	.000	.000	.331	.000	.006	.000
	N	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322
% of Students with Disabilities	r	-.395**	-.284**	.286**	.153**	.071*	-.271**	.163**	-.041	.194**	.113**	-.133**	-.071**	.043
	p	.000	.000	.000	.000	.010	.000	.000	.140	.000	.000	.000	.010	.121
	N	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322
% of Students in MEP	r	-.253**	-.302**	.256**	.311**	.031	-.156**	-.150**	-.091**	.317**	-.092**	-.200**	-.178**	-.025
	p	.000	.000	.000	.000	.258	.000	.000	.001	.000	.001	.000	.000	.373
	N	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322
School Characteristic Index	r	.915**	.941**	-.898**	-.709**	-.025	.543**	-.313**	.139**	-.785**	-.096**	.688**	.472**	.030
	p	.000	.000	.000	.000	.358	.000	.000	.000	.000	.000	.000	.000	.279
	N	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322

\* Correlation is significant at the 0.05 level (2-tailed).  
\*\* Correlation is significant at the 0.01 level (2-tailed).

Note: Correlations are bivariate with each observation (school) weighted by the number of valid test scores.  
Each cell contains the correlation (r--top), its statistical significance (P--middle), and the total number of cases (N--bottom).

DESCRIPTIVE STATISTICS AND CORRELATION TABLES FOR  
CALIFORNIA'S 2013 SCHOOL CHARACTERISTICS INDEX AND SIMILAR SCHOOLS RANKS

**Appendix D**  
**Correlations for Middle Schools (Weighted by the Number of Tests Contributing to the API)**  
Correlations of schools with at least 50 percent of students with parental education data (n=1,263)

	Statistics	% of Teachers with Full Credentials	% of Teachers with Emergency Credentials	Year Round Indicator	% of School Mobility	Average Class Size, Grades 4-6	Average Class Size, Core	% of Grade 2 Enrollment	% of Grades 3-5 Enrollment	% of Grade 6 Enrollment	% of Grades 9-11 Enrollment	% of Students in GATE	% of Students with Disabilities	% of Students in MEP	School Characteristic Index
API	r	.129	-.129	.007	-.617	.262	.329	.028	.057	.072	.010	.364	-.375	-.261	.913
	p	.000	.000	.795	.000	.000	.000	.328	.043	.010	.729	.000	.000	.000	0.000
	N	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263
Average Parent Education	r	.138	-.138	-.032	-.522	.213	.278	-.010	.013	.080	.049	.291	-.278	-.305	.945
	p	.000	.000	.263	.000	.000	.000	.724	.639	.004	.079	.000	.000	.000	0.000
	N	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263
% of Students Participating in Free or Reduced-Price Lunch	r	-.139	.139	.029	.527	-.193	-.255	.033	.001	-.048	-.019	-.244	.279	.260	-.899
	p	.000	.000	.309	.000	.000	.000	.242	.980	.091	.492	.000	.000	.000	0.000
	N	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263
% EL and RFEP	r	-.115	.115	.063	.266	-.190	-.219	.034	-.035	.001	-.029	-.165	.165	.315	-.724
	p	.000	.000	.025	.000	.000	.000	.222	.215	.985	.303	.000	.000	.000	.000
	N	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263
% American Indian or Alaska Native	r	.021	-.021	-.016	.127	-.065	-.080	-.005	.148	-.028	-.001	-.054	.074	.034	-.032
	p	.464	.464	.568	.000	.020	.004	.848	.000	.328	.972	.056	.008	.232	.255
	N	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263
% Asian	r	.022	-.022	.073	-.302	.097	.175	.088	-.035	-.002	-.003	.292	-.266	-.151	.548
	p	.438	.438	.010	.000	.001	.000	.002	.217	.952	.911	.000	.000	.000	.000
	N	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263
% Black or African American	r	-.142	.142	-.044	.302	-.015	-.073	.049	-.012	.025	.036	-.071	.109	-.149	-.290
	p	.000	.000	.121	.000	.583	.010	.079	.671	.384	.200	.012	.000	.000	.000
	N	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263
% Filipino	r	.002	-.002	.025	-.150	.065	.102	.041	-.057	.010	.042	.143	-.038	-.093	.132
	p	.931	.931	.368	.000	.021	.000	.149	.042	.724	.137	.000	.180	.001	.000
	N	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263
% Hispanic or Latino	r	-.088	.088	-.003	.366	-.167	-.215	-.036	-.048	-.052	-.027	-.237	.200	.313	-.797
	p	.002	.002	.919	.000	.000	.000	.197	.088	.065	.336	.000	.000	.000	.000
	N	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263
% Native Hawaiian or Pacific Islander	r	.013	-.013	.006	.061	-.008	.047	-.001	-.025	.026	-.022	-.035	.112	-.088	-.094
	p	.650	.650	.832	.030	.776	.098	.970	.377	.357	.436	.213	.000	.002	.001
	N	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263
% White	r	.134	-.134	-.025	-.334	.136	.157	-.032	.087	.045	.009	.109	-.123	-.203	.687
	p	.000	.000	.382	.000	.000	.000	.261	.002	.110	.748	.000	.000	.000	.000
	N	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263
% Two or More Races	r	.069	-.069	-.023	-.226	.072	.121	.003	.013	.063	.059	.078	-.066	-.179	.473
	p	.014	.014	.420	.000	.011	.000	.909	.643	.026	.035	.005	.019	.000	.000
	N	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263
% Missing Race/Ethnicity	r	.035	-.035	-.009	-.064	.050	.032	-.013	-.027	.079	-.009	.157	.040	-.021	.049
	p	.209	.209	.751	.022	.077	.262	.651	.345	.005	.750	.000	.156	.455	.081
	N	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263

\* Correlation is significant at the 0.05 level (2-tailed).

\*\* Correlation is significant at the 0.01 level (2-tailed).

Note: Correlations are bivariate with each observation (school) weighted by the number of valid test scores.  
Each cell contains the correlation (r--top), its statistical significance (P--middle), and the total number of cases (N--bottom).

**DESCRIPTIVE STATISTICS AND CORRELATION TABLES FOR  
CALIFORNIA'S 2013 SCHOOL CHARACTERISTICS INDEX AND SIMILAR SCHOOLS RANKS**

**Appendix D**

**Correlations for Middle Schools (Weighted by the Number of Tests Contributing to the API)**

Above the diagonal: Correlations of schools with at least 50 percent of students with parental education data (n=1263)

Below the diagonal: Correlations based on all schools (n=1,322)

	Statistics	% of Teachers with Full Credentials	% of Teachers with Emergency Credentials	Year Round Indicator	% of School Mobility	Average Class Size, Grades 4-6	Average Class Size, Core	% of Grade 2 Enrollment	% of Grades 3-5 Enrollment	% of Grade 6 Enrollment	% of Grades 9-11 Enrollment	% of Students in GATE	% of Students with Disabilities	% of Students in MEP	School Characteristic Index
% of Teachers with Full Credentials	r	1	-1.000*	.023	-.074*	.033	.090*	-.175**	-.001	-.033	-.048	.071*	.029	-.011	.144*
	p		0.000	.404	.008	.236	.001	.000	.959	.241	.085	.011	.306	.691	.000
	N		1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263
% of Teachers with Emergency Credentials	r	-1.000*	1	-.023	.074*	-.033	-.090**	.175**	.001	.033	.048	-.071*	-.029	.011	-.144*
	p	0.000		.404	.008	.236	.001	.000	.959	.241	.085	.011	.306	.691	.000
	N	1322		1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263
Year Round Indicator	r	.023	-.023	1	-.034	-.050	.018	-.003	-.015	-.009	-.008	-.003	-.039	.015	.008
	p	.406	.406		.221	.078	.513	.901	.587	.756	.775	.923	.167	.588	.774
	N	1322	1322		1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263
% of School Mobility	r	-.085*	.085*	-.035	1	-.232*	-.280*	.014	-.007	-.136*	.002	-.300*	.295*	.089*	-.678*
	p	.002	.002	.209		.000	.000	.629	.811	.000	.934	.000	.000	.001	.000
	N	1322	1322	1322		1263	1263	1263	1263	1263	1263	1263	1263	1263	1263
Average Class Size, Grades 4-6	r	.062*	-.062*	-.046	-.253*	1	.603*	.017	-.048	.108*	-.026	.220*	-.201*	-.093*	.287*
	p	.025	.025	.091	.000		.000	.543	.087	.000	.364	.000	.000	.001	.000
	N	1322	1322	1322	1322		1263	1263	1263	1263	1263	1263	1263	1263	1263
Average Class Size, Core	r	.100*	-.100*	.019	-.291*	.607*	1	-.032	-.075*	.020	-.091*	.164*	-.215*	-.136*	.360*
	p	.000	.000	.499	.000	.000		.261	.008	.472	.001	.000	.000	.000	.000
	N	1322	1322	1322	1322	1322		1263	1263	1263	1263	1263	1263	1263	1263
% of Grade 2 Enrollment	r	-.145*	.145*	-.004	.014	.028	-.017	1	.152*	-.002	.099*	-.013	-.054	-.013	.025
	p	.000	.000	.877	.604	.315	.547		.000	.933	.000	.654	.054	.636	.381
	N	1322	1322	1322	1322	1322	1322		1263	1263	1263	1263	1263	1263	1263
% of Grades 3-5 Enrollment	r	.004	-.004	-.015	-.012	-.045	-.072*	.152*	1	.023	-.006	-.097*	-.068*	.075*	.061
	p	.891	.891	.589	.663	.104	.009	.000		.405	.828	.001	.015	.008	.029
	N	1322	1322	1322	1322	1322	1322	1322		1263	1263	1263	1263	1263	1263
% of Grade 6 Enrollment	r	-.051	.051	-.007	-.113*	.093*	-.001	-.004	.026	1	-.059	.058*	.078*	-.113*	.072
	p	.061	.061	.807	.000	.001	.970	.888	.350		.037	.040	.006	.000	.011
	N	1322	1322	1322	1322	1322	1322	1322	1322		1263	1263	1263	1263	1263
% of Grades 9-11 Enrollment	r	-.038	.038	-.009	-.014	-.013	-.072*	.203*	.022	-.051	1	.006	-.054	-.016	.031
	p	.163	.163	.746	.617	.633	.009	.000	.416	.065		.824	.053	.560	.274
	N	1322	1322	1322	1322	1322	1322	1322	1322	1322		1263	1263	1263	1263
% of Students in GATE	r	.032	-.032	-.003	-.282*	.200*	.154*	-.008	-.097*	.063*	.000	1	-.129*	-.115*	.399*
	p	.247	.247	.904	.000	.000	.000	.783	.000	.021	.997		.000	.000	.000
	N	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322		1263	1263	1263
% of Students with Disabilities	r	.009	-.009	-.038	.316*	-.216*	-.231*	-.061	-.072*	.093*	-.072*	-.112*	1	-.067*	-.413*
	p	.742	.742	.163	.000	.000	.000	.027	.009	.001	.009	.000		.017	.000
	N	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322		1263	1263
% of Students in MEP	r	-.002	.002	.015	.084*	-.087*	-.137*	-.017	.072*	-.101*	-.020	-.116*	-.063*	1	-.287*
	p	.929	.929	.581	.002	.002	.000	.543	.008	.000	.468	.000	.023		.000
	N	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322		1263
School Characteristic Index	r	.158*	-.158*	.010	-.679*	.302*	.377*	.014	.061*	.053	.008	.381*	-.428*	-.282*	1
	p	.000	.000	.728	.000	.000	.000	.614	.027	.054	.760	.000	.000	.000	
	N	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	

\* Correlation is significant at the 0.05 level (2-tailed).

\*\* Correlation is significant at the 0.01 level (2-tailed).

Note: Correlations are bivariate with each observation (school) weighted by the number of valid test scores.

Each cell contains the correlation (r--top), its statistical significance (P--middle), and the total number of cases (N--bottom).

**DESCRIPTIVE STATISTICS AND CORRELATION TABLES FOR  
CALIFORNIA'S 2013 SCHOOL CHARACTERISTICS INDEX AND SIMILAR SCHOOLS RANKS**

**Appendix D**

**Correlations for High Schools (Weighted by the Number of Tests Contributing to the API)**  
Above the diagonal: Correlations of schools with at least 50 percent of students with parental education data (n=1,204)  
Below the diagonal: Correlations based on all schools (n=1,277)

	Statistics	API	Average Parent Education	% of Students Participating in Free or Reduced-Price Lunch	% EL and RFEP	% American Indian or Alaska Native	% Asian	% Black or African American	% Filipino	% Hispanic or Latino	% Native Hawaiian or Pacific Islander	% White	% Two or More Races	% Missing Race/Ethnicity
API	r	1	.822**	-.765**	-.590**	-.059*	.444**	-.322**	.131**	-.650**	-.100**	.549**	.333**	.066*
	p		.000	.000	.000	.040	.000	.000	.000	.000	.001	.000	.000	.023
	N	1036	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204
Average Parent Education	r	.819**	1	-.922**	-.813**	.014	.407**	-.115**	.174**	-.871**	.022	.731**	.468**	.027
	p	0.000		0.000	.000	.633	.000	.000	.000	0.000	.453	.000	.000	.353
	N	1277	1036	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204
% of Students Participating in Free or Reduced-Price Lunch	r	-.761**	-.909**	1	.786**	-.015	-.331**	.200**	-.152**	.815**	-.005	-.740**	-.461**	-.032
	p	.000	0.000		.000	.607	.000	.000	.000	.000	.875	.000	.000	.261
	N	1277	1036	1036	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204
% EL and RFEP	r	-.576**	-.781**	.784**	1	-.187**	-.084**	-.053	-.039	.795**	-.040	-.788**	-.458**	-.004
	p	.000	.000	.000		.000	.004	.066	.178	.000	.165	.000	.000	.881
	N	1277	1277	1277	1036	1204	1204	1204	1204	1204	1204	1204	1204	1204
% American Indian or Alaska Native	r	-.018	.051	-.054	-.200**	1	-.092**	-.035	-.068*	-.157**	-.003	.195**	.045	.000
	p	.527	.068	.055	.000		.001	.227	.018	.000	.930	.000	.117	.989
	N	1277	1277	1277	1277	1036	1204	1204	1204	1204	1204	1204	1204	1204
% Asian	r	.450**	.417**	-.319**	-.050	-.067*	1	-.044	.232**	-.461**	.072	-.071*	.084**	.152**
	p	.000	.000	.000	.073	.016		.128	.000	.000	.012	.014	.004	.000
	N	1277	1277	1277	1277	1277	1036	1204	1204	1204	1204	1204	1204	1204
% Black or African American	r	-.335**	-.130**	.193**	-.072	-.048	-.077*	1	.129**	-.060	.342**	-.257**	.022	.020
	p	.000	.000	.000	.010	.085	.006		.000	.037	.000	.000	.446	.499
	N	1277	1277	1277	1277	1277	1036	1204	1204	1204	1204	1204	1204	1204
% Filipino	r	.136**	.173**	-.154**	-.049	-.074**	.220**	.101**	1	-.207**	.353**	-.147**	.187**	-.016
	p	.000	.000	.000	.080	.008	.000	.000		.000	.000	.000	.000	.568
	N	1277	1277	1277	1277	1277	1277	1036	1204	1204	1204	1204	1204	1204
% Hispanic or Latino	r	-.652**	-.863**	.813**	.779**	-.180**	-.470**	-.060	-.209**	1	-.150**	-.772**	-.489**	-.093**
	p	.000	0.000	.000	.000	.000	.000	.032	.000		.000	.000	.000	.001
	N	1277	1277	1277	1277	1277	1277	1277	1036	1204	1204	1204	1204	1204
% Native Hawaiian or Pacific Islander	r	-.096**	.024	.000	-.034	.003	.082**	.298**	.354**	-.154**	1	-.088**	.143**	.018
	p	.001	.396	.997	.220	.909	.003	.000	.000	.000		.002	.000	.544
	N	1277	1277	1277	1277	1277	1277	1277	1277	1036	1204	1204	1204	1204
% White	r	.553**	.720**	-.746**	-.787**	.215**	-.071*	-.256**	-.135**	-.761**	-.085**	1	.353**	-.012
	p	.000	.000	.000	.000	.000	.011	.000	.000	.000	.002		.000	.680
	N	1277	1277	1277	1277	1277	1277	1277	1277	1277	1036	1204	1204	1204
% Two or More Races	r	.340**	.467**	-.465**	-.458**	.033	.079**	-.002	.197**	-.483**	.133**	.360**	1	.018
	p	.000	.000	.000	.000	.239	.005	.946	.000	.000	.000	.000		.534
	N	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1036	1204	1204
% Missing Race/Ethnicity	r	.027	.016	-.018	.012	.026	.175**	.019	.004	-.107**	.064**	-.022	.002	1
	p	.344	.558	.519	.661	.348	.000	.489	.886	.000	.022	.433	.954	
	N	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1036	1036

\* Correlation is significant at the 0.05 level (2-tailed).

\*\* Correlation is significant at the 0.01 level (2-tailed).

Note: Correlations are bivariate with each observation (school) weighted by the number of valid test scores.  
Each cell contains the correlation (r--top), its statistical significance (P--middle), and the total number of cases (N--bottom).

**DESCRIPTIVE STATISTICS AND CORRELATION TABLES FOR  
CALIFORNIA'S 2013 SCHOOL CHARACTERISTICS INDEX AND SIMILAR SCHOOLS RANKS**

**Appendix D**  
**Correlations for High Schools (Weighted by the Number of Tests Contributing to the API)**  
Correlations based on all schools (n=1,277)

	Statistics	API	Average Parent Education	% of Students Participating in Free or Reduced-Price Lunch	% EL and RFP	% American Indian or Alaska Native	% Asian	% Black or African American	% Filipino	% Hispanic or Latino	% Native Hawaiian or Pacific Islander	% White	% Two or More Races	% Missing Race/Ethnicity
% of Teachers with Full Credentials	r	.188**	.149**	-.160**	-.049	.022	.077**	-.254**	.057	-.085**	-.020	.128**	.025	.003
	p	.000	.000	.000	.080	.436	.006	.000	.041	.002	.484	.000	.377	.926
	N	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277
% of Teachers with Emergency Credentials	r	-.188**	-.149**	.160**	.049	-.022	-.077**	.254**	-.057	.085**	.020	-.128**	-.025	-.003
	p	.000	.000	.000	.080	.436	.006	.000	.041	.002	.484	.000	.377	.926
	N	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277
Year Round Indicator	r	-.080**	-.070*	.065*	-.014	.008	-.061*	.010	-.047	.055	-.025	-.022	-.004	-.005
	p	.004	.012	.021	.624	.788	.029	.728	.095	.050	.370	.439	.877	.852
	N	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277
% of School Mobility	r	-.464**	-.297**	.286**	.049	.079*	-.207**	.227**	-.100**	.169**	.056*	-.136**	-.059*	-.013
	p	.000	.000	.000	.081	.005	.000	.000	.000	.000	.045	.000	.036	.638
	N	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277
Average Class Size, Core	r	.262**	.129**	-.110**	.048	-.149**	.176**	-.072*	.095**	-.008	-.064*	-.069*	-.057*	-.030
	p	.000	.000	.000	.090	.000	.000	.010	.001	.765	.023	.014	.043	.280
	N	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277
% of Grade 2 Enrollment	r	-.059*	.040	-.002	-.105**	.058*	-.050	.008	-.025	-.079**	.002	.118**	.033	-.013
	p	.034	.158	.936	.000	.037	.074	.768	.371	.005	.935	.000	.240	.654
	N	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277
% of Grades 3-5 Enrollment	r	-.043	.041	-.001	-.103**	.059*	-.049	.004	-.024	-.078**	.002	.120**	.015	-.018
	p	.122	.145	.976	.000	.035	.080	.900	.385	.005	.937	.000	.600	.532
	N	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277
% of Grade 6 Enrollment	r	-.015	-.005	.056*	-.010	.011	-.052	.076**	-.010	-.003	.005	.006	.027	-.005
	p	.593	.855	.045	.722	.702	.061	.006	.726	.922	.867	.828	.343	.858
	N	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277
% of Grades 7-8 Enrollment	r	.040	.039	.010	-.059*	.023	-.034	.047	.013	-.032	.009	.031	.057*	-.012
	p	.152	.160	.712	.034	.404	.229	.095	.642	.258	.748	.273	.043	.673
	N	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277
% of Students in GATE	r	.369**	.282**	-.247**	-.177**	-.056*	.212**	-.079**	.109**	-.224**	-.046	.136**	.086**	.113**
	p	.000	.000	.000	.000	.046	.000	.005	.000	.000	.100	.000	.002	.000
	N	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277
% of Students with Disabilities	r	-.478**	-.287**	.251**	.163**	.054	-.262**	.142**	-.054	.195**	.123**	-.107**	-.094**	-.046
	p	.000	.000	.000	.000	.052	.000	.000	.055	.000	.000	.000	.001	.104
	N	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277
% of Students in MEP	r	-.208**	-.286**	.209**	.275**	-.011	-.153**	-.159**	-.115**	.309**	-.129**	-.172**	-.163**	-.023
	p	.000	.000	.000	.000	.707	.000	.000	.000	.000	.000	.000	.000	.407
	N	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277
School Characteristic Index	r	.913**	.889**	-.840**	-.636**	-.031	.487**	-.368**	.149**	-.714**	-.106**	.609**	.374**	.045
	p	0.000	0.000	0.000	.000	.267	.000	.000	.000	.000	.000	.000	.000	.109
	N	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277

\* Correlation is significant at the 0.05 level (2-tailed).  
\*\* Correlation is significant at the 0.01 level (2-tailed).

Note: Correlations are bivariate with each observation (school) weighted by the number of valid test scores.  
Each cell contains the correlation (r--top), its statistical significance (P--middle), and the total number of cases (N--bottom).

DESCRIPTIVE STATISTICS AND CORRELATION TABLES FOR  
CALIFORNIA'S 2013 SCHOOL CHARACTERISTICS INDEX AND SIMILAR SCHOOLS RANKS

**Appendix D**  
**Correlations for High Schools (Weighted by the Number of Tests Contributing to the API)**  
Correlations of schools with at least 50 percent of students with parental education data (n=1204)

	Statistics	% of Teachers with Full Credentials	% of Teachers with Emergency Credentials	Year Round Indicator	% of School Mobility	Average Class Size, Core	% of Grade 2 Enrollment	% of Grades 3-5 Enrollment	% of Grade 6 Enrollment	% of Grades 7-8 Enrollment	% of Students in GATE	% of Students with Disabilities	% of Students in MEP	School Characteristic Index
API	r	.174**	-.174**	-.083**	-.454**	.242**	-.058*	-.041	-.007	.048	.372**	-.468**	-.215**	.911**
	p	.000	.000	.004	.000	.000	.046	.158	.819	.096	.000	.000	.000	0.000
	N	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204
Average Parent Education	r	.144**	-.144**	-.071*	-.290**	.112**	.049	.050	.003	.047	.281**	-.278**	-.294**	.898**
	p	.000	.000	.013	.000	.000	.086	.084	.926	.105	.000	.000	.000	0.000
	N	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204
% of Students Participating in Free or Reduced-Price Lunch	r	-.162**	.162**	.068*	.283**	-.101**	-.012	-.009	.050	.006	-.241**	.238**	.215**	-.842**
	p	.000	.000	.018	.000	.000	.674	.744	.081	.824	.000	.000	.000	0.000
	N	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204
% EL and RFP	r	-.060*	.060*	-.008	.045	.048	-.123**	-.119**	-.015	-.061*	-.174**	.147**	.294**	-.648**
	p	.038	.038	.771	.118	.096	.000	.000	.599	.033	.000	.000	.000	.000
	N	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204
% American Indian or Alaska Native	r	.010	-.010	.011	.102**	-.171**	.069*	.070*	.014	.030	-.062*	.063*	.001	-.065*
	p	.728	.728	.699	.000	.000	.017	.016	.620	.297	.030	.028	.986	.024
	N	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204
% Asian	r	.061*	-.061*	-.061*	-.205**	.162**	-.053	-.051	-.047	-.024	.208**	-.268**	-.147**	.490**
	p	.034	.034	.034	.000	.000	.068	.079	.102	.402	.000	.000	.000	.000
	N	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204
% Black or African American	r	-.233**	.233**	.012	.229**	-.044	.016	.010	.088**	.056	-.090**	.144**	-.169**	-.354**
	p	.000	.000	.681	.000	.124	.579	.722	.002	.053	.002	.000	.000	.000
	N	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204
% Filipino	r	.053	-.053	-.048	-.099**	.096**	-.028	-.027	-.011	.012	.103**	-.052	-.119**	.142**
	p	.067	.067	.097	.001	.001	.331	.346	.715	.683	.000	.069	.000	.000
	N	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204
% Hispanic or Latino	r	-.087**	.087**	.055	.163**	.004	-.092**	-.090**	-.010	-.038	-.215**	.182**	.312**	-.715**
	p	.003	.003	.054	.000	.885	.001	.002	.736	.187	.000	.000	.000	.000
	N	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204
% Native Hawaiian or Pacific Islander	r	.010	-.010	-.025	.057*	-.067*	.006	.006	-.005	.004	-.050	.121**	-.132**	-.110**
	p	.728	.728	.386	.046	.019	.826	.834	.876	.900	.080	.000	.000	.000
	N	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204
% White	r	.128**	-.128**	-.024	-.129**	-.080**	.129**	.130**	.008	.030	.134**	-.091**	-.180**	.603**
	p	.000	.000	.405	.000	.005	.000	.000	.778	.302	.000	.002	.000	.000
	N	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204
% Two or More Races	r	.018	-.018	-.006	-.054	-.065*	.038	.018	.030	.058*	.085**	-.087**	-.168**	.365**
	p	.526	.526	.847	.063	.025	.191	.540	.295	.046	.003	.003	.000	.000
	N	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204
% Missing Race/Ethnicity	r	-.011	.011	-.003	-.039	-.014	-.010	-.015	-.011	-.014	.114**	-.071*	-.024	.069*
	p	.693	.693	.928	.175	.634	.739	.592	.696	.617	.000	.014	.397	.016
	N	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204

\* Correlation is significant at the 0.05 level (2-tailed).

\*\* Correlation is significant at the 0.01 level (2-tailed).

Note: Correlations are bivariate with each observation (school) weighted by the number of valid test scores.  
Each cell contains the correlation (r--top), its statistical significance (P--middle), and the total number of cases (N--bottom).



**DESCRIPTIVE STATISTICS AND CORRELATION TABLES FOR  
CALIFORNIA'S 2013 SCHOOL CHARACTERISTICS INDEX AND SIMILAR SCHOOLS RANKS**

**Appendix D**

**Correlations for High Schools (Weighted by the Number of Tests Contributing to the API)**

Above the diagonal: Correlations of schools with at least 50 percent of students with parental education data (n=1204)

Below the diagonal: Correlations based on all schools (n=1277)

	Statistics	% of Teachers with Full Credentials	% of Teachers with Emergency Credentials	Year Round Indicator	% of School Mobility	Average Class Size, Core	% of Grade 2 Enrollment	% of Grades 3-5 Enrollment	% of Grade 6 Enrollment	% of Grades 7-8 Enrollment	% of Students in GATE	% of Students with Disabilities	% of Students in MEP	School Characteristic Index
% of Teachers with Full Credentials	r	1	-1.000**	-.282**	-.278**	.205**	-.031	-.004	-.094**	-.111**	.166**	.023	-.001	.191**
	p		.000	.000	.000	.000	.282	.878	.001	.000	.000	.421	.960	.000
	N		1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204
% of Teachers with Emergency Credentials	r	-1.000**	1	.282**	.278**	-.205**	.031	.004	.094**	.111**	-.166**	-.023	.001	-.191**
	p			.000	.000	.000	.282	.878	.001	.000	.000	.421	.960	.000
	N			1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204
Year Round Indicator	r	-.265**	.265**	1	.470**	-.340**	.012	.008	-.006	.052	-.085**	-.067	-.019	-.090**
	p				.000	.000	.673	.770	.840	.073	.003	.020	.513	.002
	N				1204	1204	1204	1204	1204	1204	1204	1204	1204	1204
% of School Mobility	r	-.268**	.268**	.467**	1	-.596**	.318**	.322**	.118	.166**	-.251**	.130	-.009	-.499**
	p					.000	.000	.000	.000	.000	.000	.000	.765	.000
	N					1204	1204	1204	1204	1204	1204	1204	1204	1204
Average Class Size, Core	r	.202**	-.202**	-.334**	-.597**	1	-.443**	-.425**	-.188**	-.214**	.252**	-.065	-.105	.266**
	p			.000	.000		.000	.000	.000	.000	.000	.023	.000	.000
	N			1277	1277		1204	1204	1204	1204	1204	1204	1204	1204
% of Grade 2 Enrollment	r	-.026	.026	.012	.302**	-.424**	1	.901**	.422	.285**	-.122**	-.022	-.042	-.062
	p				.000	.000		0.000	.000	.000	.000	.452	.143	.032
	N				1277	1277		1204	1204	1204	1204	1204	1204	1204
% of Grades 3-5 Enrollment	r	-.002	.002	.008	.308**	-.410**	.906**	1	.471**	.328**	-.086**	-.041	-.046	-.049
	p				.000	.000	0.000		.000	.000	.003	.154	.113	.087
	N				1277	1277	1277		1204	1204	1204	1204	1204	1204
% of Grade 6 Enrollment	r	-.092	.092**	-.006	.113	-.189**	.418**	.465**	1	.638**	-.024	-.084**	-.062	-.009
	p			.842	.000	.000	.000	.000		.000	.399	.004	.033	.761
	N			1277	1277	1277	1277	1277		1204	1204	1204	1204	1204
% of Grades 7-8 Enrollment	r	-.106	.106**	.051	.161**	-.215**	.285**	.327**	.647**	1	.000	-.115**	-.051	.053
	p			.066	.000	.000	.000	.000	.000		.989	.000	.078	.066
	N			1277	1277	1277	1277	1277	1277		1204	1204	1204	1204
% of Students in GATE	r	.155**	-.155**	-.084**	-.254**	.252**	-.117**	-.083**	-.023	-.001	1	-.158**	-.097**	.409**
	p			.003	.000	.000	.000	.003	.409	.960		.000	.001	.000
	N			1277	1277	1277	1277	1277	1277	1277		1204	1204	1204
% of Students with Disabilities	r	.009	-.009	-.068	.139**	-.081**	-.021	-.040	-.076**	-.110**	-.163**	1	-.080**	-.514**
	p			.015	.000	.004	.444	.154	.006	.000	.000		.006	.000
	N			1277	1277	1277	1277	1277	1277	1277	1277		1204	1204
% of Students in MEP	r	-.008	.008	-.018	-.008	-.107**	-.040	-.044	-.060*	-.048	-.095**	-.071*	1	-.237**
	p			.528	.777	.000	.149	.118	.033	.084	.001	.012		.000
	N			1277	1277	1277	1277	1277	1277	1277	1277	1277		1204
School Characteristic Index	r	.200**	-.200**	-.085**	-.502**	.280**	-.061*	-.049	-.013	.049	.408**	-.525**	-.229**	1
	p			.002	.000	.000	.030	.082	.643	.082	.000	.000	.000	
	N			1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	

\* Correlation is significant at the 0.05 level (2-tailed).

\*\* Correlation is significant at the 0.01 level (2-tailed).

Note: Correlations are bivariate with each observation (school) weighted by the number of valid test scores.

Each cell contains the correlation (r--top), its statistical significance (P--middle), and the total number of cases (N--bottom).