

Descriptive Statistics and Correlation Tables for California's 2011 School Characteristics Index and Similar Schools Ranks

**2011 Supplement to the Public Schools Accountability Act
Technical Report 00-1**

July 2012

**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 2011 Base Academic Performance Index (API) Similar Schools Rank (SSR) calculations. Using the updated regression coefficients, the 2011 School Characteristics Index can be calculated and 2011 SSR can be determined.

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 *Construction of California's School Characteristics Index and Similar Schools Ranks* is located on the California Department of Education (CDE) API Web page at <http://www.cde.ca.gov/ta/ac/ap/99/99.asp> 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 aau@cde.ca.gov.

2011 Similar Schools Ranks

The 2011 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. Teacher credential data were not available for 2011; therefore, they were not included in the calculation of SSRs for 2011. Please refer to pages 57 through 61 of the *2011–12 Academic Performance Index Reports Information Guide* currently available on the CDE API Web page at <http://www.cde.ca.gov/ta/ac/ap/>.

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 2011 SCHOOL CHARACTERISTICS INDEX AND SIMILAR SCHOOLS RANKS

Appendix C
Descriptive Statistics for Elementary Schools
(5,388 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 ^a | Model 2 ^a | |
| Socioeconomic Indicators | | | | | | | | | | | | |
| Average Parent Education ^c | 1 | 5 | 1.00 | 5.00 | 2.80 | 2.69 | 0.80 | 0.64 | 0.81 | 3.8710 | n/a | |
| % of Students Participating in Free or Reduced-Price Lunch Program | 0 | 100 | 0.00 | 100.00 | 60.29 | 67.13 | 31.38 | 984.52 | -0.80 | -0.0895 | -0.1359 | |
| English Learners (ELs) | | | | | | | | | | | | |
| % of Students Classified as EL and Reclassified Fluent English Proficient (RFEP) | 0 | 100 | 0.00 | 97.40 | 38.68 | 35.63 | 25.03 | 626.74 | -0.58 | -0.0451 | -0.0810 | |
| Race and Ethnicity Categories | | | | | | | | | | | | |
| % American Indian or Alaska Native | 0 | 100 | 0.00 | 93.44 | 0.66 | 0.31 | 2.16 | 4.68 | -0.09 | 1.5211 | 1.6131 | |
| % Asian | 0 | 100 | 0.00 | 96.65 | 8.74 | 3.31 | 14.00 | 196.07 | 0.45 | 1.8437 | 2.0420 | |
| % Black or African American | 0 | 100 | 0.00 | 98.32 | 6.33 | 3.02 | 9.32 | 86.83 | -0.20 | 1.6783 | 1.8222 | |
| % Filipino | 0 | 100 | 0.00 | 60.87 | 2.48 | 1.15 | 4.28 | 18.32 | 0.16 | 1.7442 | 1.9178 | |
| % Hispanic or Latino | 0 | 100 | 0.00 | 100.00 | 52.51 | 51.80 | 29.92 | 895.19 | -0.67 | 1.7784 | 1.9268 | |
| % Native Hawaiian or Pacific Islander | 0 | 100 | 0.00 | 18.37 | 0.55 | 0.26 | 0.95 | 0.90 | -0.06 | 1.3808 | 1.5121 | |
| % White | 0 | 100 | 0.00 | 98.23 | 26.07 | 16.98 | 24.89 | 619.49 | 0.56 | 1.7496 | 1.9150 | |
| % Two or More Races | 0 | 100 | 0.00 | 55.40 | 1.75 | 0.51 | 2.79 | 7.77 | 0.35 | 1.7459 | 1.9289 | |
| % Missing Race/Ethnicity | 0 | 100 | 0.00 | 91.80 | 0.90 | 0.00 | 3.43 | 11.79 | 0.06 | 1.7287 | 1.8960 | |
| Teacher Credentials | | | | | | | | | | | | |
| % of Teachers with Full Credentials | 0 | 100 | ** | ** | ** | ** | ** | ** | ** | ** | ** | |
| % of Teachers with Emergency Credentials | 0 | 100 | ** | ** | ** | ** | ** | ** | ** | ** | ** | |
| Year Round | | | | | | | | | | | | |
| Year Round Indicator ^b | 0 | 1 | 0.00 | 1.00 | 0.03 | 0.00 | 0.17 | 0.03 | -0.05 | 0.4273 | -0.0845 | |
| School Mobility | | | | | | | | | | | | |
| % of Students First Attending This School in Current Year | 0 | 100 | 0.00 | 63.08 | 5.72 | 5.11 | 3.56 | 12.65 | -0.52 | -0.3415 | -0.4018 | |
| Class Size | | | | | | | | | | | | |
| Average, Grades K-3 | 1 | * | 1.00 | 45.00 | 23.43 | 23.00 | 3.60 | 12.99 | 0.05 | -0.1310 | -0.1568 | |
| Average, Grades 4-6 | 1 | * | 2.00 | 42.00 | 28.31 | 29.00 | 3.91 | 15.26 | 0.25 | 0.1172 | 0.1327 | |
| 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 | 100 | 0.00 | 100.00 | 85.48 | 92.61 | 19.74 | 389.69 | n/a | n/a | n/a | |
| Discretionary Variables^c | | | | | | | | | | | | |
| Grade Enrollment | | | | | | | | | | | | |
| % of Grade 2 Enrollment | 0 | 100 | 0.00 | 100.00 | 21.54 | 21.87 | 7.37 | 54.31 | 0.05 | n/a ^d | n/a ^d | |
| % of Grades 3-5 Enrollment | 0 | 100 | 0.00 | 100.00 | 63.86 | 63.05 | 13.09 | 171.41 | 0.12 | n/a | n/a | |
| % of Grade 6 Enrollment | 0 | 100 | 0.00 | 100.00 | 10.11 | 12.70 | 9.87 | 97.38 | -0.09 | -0.0545 | -0.0515 | |
| % of Grades 7-8 Enrollment | 0 | 100 | 0.00 | 94.19 | 4.01 | 0.00 | 10.34 | 107.01 | -0.07 | -0.0481 | -0.0540 | |
| % of Grades 9-11 Enrollment | 0 | 100 | 0.00 | 43.57 | 0.48 | 0.00 | 3.64 | 13.28 | -0.10 | -0.2493 | -0.2418 | |
| Gifted and Talented Education (GATE) Program | | | | | | | | | | | | |
| % of Students in GATE | 0 | 100 | 0.00 | 100.00 | 7.60 | 5.43 | 8.34 | 69.53 | 0.34 | 0.1124 | 0.1073 | |
| Disability | | | | | | | | | | | | |
| % of Students with Disabilities | 0 | 100 | 0.00 | 43.75 | 10.38 | 10.04 | 3.97 | 15.78 | -0.10 | -0.1099 | -0.1266 | |
| Migrant Education Program (MEP) | | | | | | | | | | | | |
| % of Students in MEP | 0 | 100 | 0.00 | 82.44 | 1.55 | 0.00 | 4.16 | 17.33 | -0.33 | -0.1732 | -0.1995 | |

* There is no theoretical maximum value for average class size. ** No data are available for this year.

^a Model 1 includes the parent education variable, Model 2 does not.

^b A definition of this variable is provided on p.3 of the PSAA Technical Report 00-1.

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

^d 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 Academic Performance Index 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 2011 SCHOOL CHARACTERISTICS INDEX AND SIMILAR SCHOOLS RANKS

Appendix C
Descriptive Statistics for Middle Schools
(1,304 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 ^a | Model 2 ^a | |
| Socioeconomic Indicators | | | | | | | | | | | | |
| Average Parent Education ^c | 1 | 5 | 1.13 | 4.67 | 2.78 | 2.70 | 0.76 | 0.58 | 0.88 | 5.8162 | n/a | |
| % of Students Participating in Free or Reduced-Price Lunch Program | 0 | 100 | 0.00 | 100.00 | 56.99 | 59.80 | 29.01 | 841.54 | -0.85 | -0.0601 | -0.1271 | |
| English Learners (ELs) | | | | | | | | | | | | |
| % of Students Classified as EL and Reclassified Fluent English Proficient (RFEP) | 0 | 100 | 0.00 | 96.43 | 37.31 | 33.77 | 22.69 | 514.78 | -0.67 | -0.0407 | -0.0927 | |
| Race and Ethnicity Categories | | | | | | | | | | | | |
| % American Indian or Alaska Native | 0 | 100 | 0.00 | 42.07 | 0.60 | 0.38 | 1.20 | 1.44 | 0.00 | 1.4203 | 1.4272 | |
| % Asian | 0 | 100 | 0.00 | 86.86 | 8.66 | 3.68 | 13.24 | 175.30 | 0.48 | 1.7169 | 1.9938 | |
| % Black or African American | 0 | 100 | 0.00 | 96.36 | 6.85 | 3.43 | 9.18 | 84.29 | -0.28 | 1.5107 | 1.7254 | |
| % Filipino | 0 | 100 | 0.00 | 42.29 | 2.82 | 1.50 | 4.14 | 17.16 | 0.14 | 1.6068 | 1.8548 | |
| % Hispanic or Latino | 0 | 100 | 1.04 | 100.00 | 51.87 | 50.54 | 28.31 | 801.69 | -0.73 | 1.6395 | 1.8472 | |
| % Native Hawaiian or Pacific Islander | 0 | 100 | 0.00 | 15.65 | 0.59 | 0.35 | 0.85 | 0.72 | -0.05 | 1.0672 | 1.3071 | |
| % White | 0 | 100 | 0.00 | 92.42 | 26.42 | 18.68 | 23.54 | 554.24 | 0.66 | 1.6319 | 1.8764 | |
| % Two or More Races | 0 | 100 | 0.00 | 46.63 | 1.55 | 0.52 | 2.59 | 6.69 | 0.31 | 1.6326 | 1.9001 | |
| % Missing Race/Ethnicity | 0 | 100 | 0.00 | 51.42 | 0.64 | 0.10 | 2.01 | 4.06 | 0.05 | 1.4770 | 1.7157 | |
| Teacher Credentials | | | | | | | | | | | | |
| % of Teachers with Full Credentials | 0 | 100 | ** | ** | ** | ** | ** | ** | ** | ** | ** | |
| % of Teachers with Emergency Credentials | 0 | 100 | ** | ** | ** | ** | ** | ** | ** | ** | ** | |
| Year Round | | | | | | | | | | | | |
| Year Round Indicator ^b | 0 | 1 | 0.00 | 1.00 | 0.01 | 0.00 | 0.11 | 0.01 | -0.08 | -2.5245 | -2.6097 | |
| School Mobility | | | | | | | | | | | | |
| % of Students First Attending This School in Current Year | 0 | 100 | 0.00 | 26.13 | 4.94 | 4.56 | 2.76 | 7.59 | -0.65 | -0.4916 | -0.6026 | |
| 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 | * | 1.00 | 50.00 | 28.10 | 28.00 | 3.63 | 13.21 | 0.29 | 0.03168 | 0.0215 | |
| Average, Core Academic Courses in Departmentalized Programs | 1 | * | 3.00 | 42.00 | 27.47 | 28.00 | 3.87 | 14.95 | 0.36 | 0.10907 | 0.1219 | |
| Parent Education Response | | | | | | | | | | | | |
| % of Students with Parent Education Data | 0 | 100 | 0.00 | 100.00 | 84.52 | 91.24 | 17.32 | 299.90 | n/a | n/a | n/a | |
| Discretionary Variables^c | | | | | | | | | | | | |
| Grade Enrollment | | | | | | | | | | | | |
| % of Grade 2 Enrollment | 0 | 100 | 0.00 | 6.80 | 0.02 | 0.00 | 0.27 | 0.08 | 0.02 | n/a ^d | n/a ^d | |
| % of Grades 3-5 Enrollment | 0 | 100 | 0.00 | 43.85 | 0.84 | 0.00 | 4.77 | 22.74 | 0.06 | 0.1174 | 0.1239 | |
| % of Grade 6 Enrollment | 0 | 100 | 0.00 | 54.92 | 22.28 | 30.80 | 14.56 | 211.85 | 0.06 | 0.0164 | 0.0178 | |
| % of Grades 7-8 Enrollment | 0 | 100 | 14.43 | 100 | 76.45 | 68.72 | 15.57 | 242.49 | -0.06 | n/a | n/a | |
| % of Grades 9-11 Enrollment | 0 | 100 | 0.00 | 85.57 | 0.42 | 0.00 | 4.01 | 16.05 | -0.06 | -0.0802 | 0 ^a | |
| Gifted and Talented Education (GATE) Program | | | | | | | | | | | | |
| % of Students in GATE | 0 | 100 | 0.00 | 100.00 | 13.46 | 11.68 | 10.15 | 102.99 | 0.45 | 0.0904 | 0.1077 | |
| Disability | | | | | | | | | | | | |
| % of Students with Disabilities | 0 | 100 | 0.00 | 25.77 | 10.58 | 10.46 | 3.03 | 9.17 | -0.37 | -0.3046 | -0.3486 | |
| Migrant Education Program (MEP) | | | | | | | | | | | | |
| % of Students in MEP | 0 | 100 | 0.00 | 72.48 | 1.40 | 0.00 | 3.90 | 15.23 | -0.27 | -0.1592 | -0.1753 | |

* There is no theoretical maximum value for average class size. ** No data are available for this year.
^a Model 1 includes the parent education variable, Model 2 does not.
^b A definition of this variable is provided on p.3 of the PSAA Technical Report 00-1.
^c These variables were added in 2006. A variable in this group can only enter the model when it is significant at $p \leq 0.05$.
^d 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 Academic Performance Index 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 2011 SCHOOL CHARACTERISTICS INDEX AND SIMILAR SCHOOLS RANKS

Appendix C
Descriptive Statistics for High Schools
(1,214 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 ^a | Model 2 ^a |
| Socioeconomic Indicators | | | | | | | | | | | |
| Average Parent Education ^c | 1 | 5 | 1.26 | 4.64 | 2.79 | 2.74 | 0.71 | 0.50 | 0.81 | 7.0812 | n/a |
| % of Students Participating in Free or Reduced-Price Lunch Program | 0 | 100 | 0.00 | 100.00 | 49.85 | 51.37 | 26.68 | 711.77 | -0.75 | -0.0009 | -0.0938 |
| English Learners (ELs) | | | | | | | | | | | |
| % of Students Classified as EL and Reclassified Fluent English Proficient (RFEP) | 0 | 100 | 0.00 | 97.98 | 35.71 | 31.91 | 22.57 | 509.48 | -0.59 | -0.0627 | -0.1063 |
| Race and Ethnicity Categories | | | | | | | | | | | |
| % American Indian or Alaska Native | 0 | 100 | 0.00 | 80.98 | 0.73 | 0.39 | 1.88 | 3.52 | -0.01 | 1.4868 | 1.6793 |
| % Asian | 0 | 100 | 0.00 | 83.37 | 9.59 | 4.32 | 13.74 | 188.87 | 0.44 | 1.6980 | 2.0155 |
| % Black or African American | 0 | 100 | 0.00 | 95.07 | 6.64 | 3.54 | 8.37 | 70.13 | -0.34 | 1.3545 | 1.6519 |
| % Filipino | 0 | 100 | 0.00 | 43.31 | 3.05 | 1.59 | 4.33 | 18.73 | 0.115 | 1.5880 | 1.8756 |
| % Hispanic or Latino | 0 | 100 | 0.43 | 100.00 | 48.55 | 46.35 | 27.11 | 734.73 | -0.66 | 1.6141 | 1.8613 |
| % Native Hawaiian or Pacific Islander | 0 | 100 | 0.00 | 9.18 | 0.60 | 0.40 | 0.76 | 0.58 | -0.081 | 1.2743 | 1.4609 |
| % White | 0 | 100 | 0.00 | 99.15 | 28.72 | 23.72 | 23.77 | 564.88 | 0.579 | 1.5984 | 1.8914 |
| % Two or More Races | 0 | 100 | 0.00 | 23.17 | 1.46 | 0.54 | 2.33 | 5.41 | 0.23 | 1.5486 | 1.8713 |
| % Missing Race/Ethnicity | 0 | 100 | 0.00 | 66.92 | 0.67 | 0.26 | 1.69 | 2.87 | -0.01 | 1.5230 | 1.7619 |
| Teacher Credentials | | | | | | | | | | | |
| % of Teachers with Full Credentials | 0 | 100 | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| % of Teachers with Emergency Credentials | 0 | 100 | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| Year Round | | | | | | | | | | | |
| Year Round Indicator ^b | 0 | 1 | 0.00 | 1.00 | 0.02 | 0.00 | 0.13 | 0.02 | -0.18 | -2.1575 | -1.2516 |
| School Mobility | | | | | | | | | | | |
| % of Students First Attending This School in Current Year | 0 | 100 | 0.00 | 67.65 | 5.33 | 4.52 | 4.89 | 23.93 | -0.49 | -0.3504 | -0.4601 |
| 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 | * | 1 | 50 | 28.28 | 29.00 | 4.61 | 21.30 | 0.26 | 0.0013 | 0.0138 |
| Parent Education Response | | | | | | | | | | | |
| % of Students with Parent Education Data | 0 | 100 | 0.00 | 100.00 | 83.42 | 90.09 | 18.53 | 343.23 | n/a | n/a | n/a |
| Discretionary Variables^c | | | | | | | | | | | |
| Grade Enrollment | | | | | | | | | | | |
| % of Grade 2 Enrollment | 0 | 100 | 0.00 | 11.30 | 0.06 | 0.00 | 0.63 | 0.40 | 0.05 | -0.6487 | n/a ^d |
| % of Grades 3-5 Enrollment | 0 | 100 | 0.00 | 26.36 | 0.22 | 0.00 | 2.01 | 4.02 | -0.03 | n/a ^d | n/a ^d |
| % of Grade 6 Enrollment | 0 | 100 | 0.00 | 30.23 | 0.36 | 0.00 | 2.31 | 5.32 | 0.00 | n/a ^d | n/a ^d |
| % of Grades 7-8 Enrollment | 0 | 100 | 0.00 | 51.40 | 1.61 | 0.00 | 7.26 | 52.70 | 0.05 | 0.0603 | 0.0764 |
| % of Grades 9-11 Enrollment | 0 | 100 | 31.08 | 100.00 | 97.74 | 100.00 | 10.10 | 102.10 | -0.03 | n/a | n/a |
| Gifted and Talented Education (GATE) Program | | | | | | | | | | | |
| % of Students in GATE | 0 | 100 | 0.00 | 78.96 | 12.80 | 10.78 | 10.71 | 114.69 | 0.38 | 0.0580 | 0.0818 |
| Disability | | | | | | | | | | | |
| % of Students with Disabilities | 0 | 100 | 0.00 | 20.95 | 9.07 | 9.04 | 2.78 | 7.74 | -0.43 | -0.6168 | -0.7566 |
| Migrant Education Program (MEP) | | | | | | | | | | | |
| % of Students in MEP | 0 | 100 | 0.00 | 40.39 | 1.28 | 0.00 | 3.43 | 11.77 | -0.20 | -0.1413 | -0.1897 |

* There is no theoretical maximum value for average class size. ** No data are available for this year.

^a Model 1 includes the parent education variable, Model 2 does not.

^b A definition of this variable is provided on p.3 of the PSAA Technical Report 00-1.

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

^d This variable was not entered into the model because it was not significant at $p < 0.05$.

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 Academic Performance Index 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 2011 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

Below the diagonal: Correlations based on all schools

| 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 | .810** | -.798** | -.583** | -.093** | .444** | -.193** | .159** | -.665** | -.060** | .553** | .341** | .051** |
| | p | 0.000 | 0.000 | 0.000 | .000 | .000 | .000 | .000 | 0.000 | .000 | 0.000 | .000 | .000 |
| | N | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 |
| Average Parent Education | r | .808** | -.929** | -.796** | -.014 | .419** | -.081** | .183** | -.862** | .001 | .735** | .431** | .076** |
| | p | 0.000 | 0.000 | 0.000 | .315 | .000 | .000 | .000 | 0.000 | .970 | 0.000 | .000 | .000 |
| | N | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 |
| % of Students Participating in Free or Reduced-Price Lunch | r | -.797** | -.925** | .759** | .006 | -.375** | .179** | -.178** | .833** | .013 | -.759** | -.426** | -.094** |
| | p | 0.000 | 0.000 | 0.000 | .679 | .000 | .000 | .000 | 0.000 | .368 | 0.000 | .000 | .000 |
| | N | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 |
| % EL and RFEP | r | -.575** | -.788** | .756** | -.130** | -.073** | -.116** | -.073** | .799** | -.026 | -.789** | -.396** | -.094** |
| | p | 0.000 | 0.000 | 0.000 | .000 | .000 | .000 | .000 | 0.000 | .067 | 0.000 | .000 | .000 |
| | N | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 |
| % American Indian or Alaska Native | r | -.090** | -.009 | .003 | -.133** | -.064** | -.016 | -.045** | -.118** | -.007 | .106** | -.011 | .000 |
| | p | .000 | .516 | .815 | .000 | .000 | .252 | .002 | .000 | .627 | .000 | .438 | .984 |
| | N | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 |
| % Asian | r | .452** | .411** | -.372** | -.060** | -.062** | -.079** | .206** | -.458** | .052** | -.025 | .115** | -.005 |
| | p | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .082 | .000 | .707 |
| | N | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 |
| % Black or African American | r | -.200** | -.079** | .170** | -.126** | -.018 | -.069** | .099** | -.101** | .226** | -.218** | -.021 | .016 |
| | p | .000 | .000 | .000 | .000 | .215 | .000 | .000 | .000 | .000 | .000 | .146 | .270 |
| | N | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 |
| % Filipino | r | .163** | .189** | -.184** | -.086** | -.039** | .196** | .081** | -.217** | .267** | -.087** | .135** | .000 |
| | p | .000 | .000 | .000 | .000 | .004 | .000 | .000 | .000 | .000 | .000 | .000 | .984 |
| | N | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 |
| % Hispanic or Latino | r | -.666** | -.858** | .832** | .794** | -.118** | -.462** | -.113** | -.219** | -.104** | -.787** | -.445** | -.116** |
| | p | 0.000 | 0.000 | 0.000 | 0.000 | .000 | .000 | .000 | .000 | .000 | 0.000 | .000 | .000 |
| | N | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 |
| % Native Hawaiian or Pacific Islander | r | -.057** | .008 | .008 | -.028 | -.006 | .054** | .208** | .261** | -.106** | -.074** | .071** | -.015 |
| | p | .000 | .568 | .539 | .044 | .684 | .000 | .000 | .000 | .000 | .000 | .000 | .302 |
| | N | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 |
| % White | r | .557** | .738** | -.762** | -.790** | .105** | -.021 | -.215** | -.071** | -.781** | -.070** | .330** | .000 |
| | p | 0.000 | 0.000 | 0.000 | 0.000 | .000 | .116 | .000 | .000 | 0.000 | .000 | .000 | .976 |
| | N | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 |
| % Two or More Races | r | .347** | .437** | -.434** | -.404** | -.009 | .110** | -.024 | .142** | -.448** | .069** | .342** | .035** |
| | p | .000 | .000 | .000 | .000 | .517 | .000 | .084 | .000 | .000 | .000 | .000 | .013 |
| | N | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 |
| % Missing Race/Ethnicity | r | .057** | .069** | -.091** | -.079** | -.005 | .007 | .023 | -.005 | -.121** | -.008 | -.008 | .036** |
| | p | .000 | .000 | .000 | .000 | .735 | .606 | .097 | .708 | .000 | .580 | .581 | .008 |
| | N | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 |

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

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

*** Teacher Credential data are not available for 2011.

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 2011 SCHOOL CHARACTERISTICS INDEX AND SIMILAR SCHOOLS RANKS

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

| Statistics | API | Average Parent Education | % of Students Participating in Free or Reduced-Price Lunch | % EL and RFEF | % 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 | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| | p | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| | N | 5388 | 5355 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 |
| % of Teachers with Emergency Credentials | r | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| | p | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| | N | 5388 | 5355 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 |
| Year Round Indicator | r | -.048 ^{**} | -.073 ^{**} | .078 ^{**} | .083 ^{**} | -.025 | .014 | .042 ^{**} | -.004 | .059 ^{**} | .000 | -.093 ^{**} | .013 |
| | p | .000 | .000 | .000 | .000 | .067 | .318 | .002 | .767 | .000 | .991 | .000 | .331 |
| | N | 5388 | 5355 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 |
| % of School Mobility | r | -.521 ^{**} | -.393 ^{**} | .412 ^{**} | .139 ^{**} | .078 ^{**} | -.211 ^{**} | .258 ^{**} | -.108 ^{**} | .229 ^{**} | .057 ^{**} | -.224 ^{**} | -.143 ^{**} |
| | p | 0.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .030 |
| | N | 5388 | 5355 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 |
| Average Class Size, Grades K-3 | r | .053 ^{**} | .028 | -.060 ^{**} | -.037 ^{**} | -.039 ^{**} | .030 [*] | -.014 | .056 ^{**} | -.021 | .038 ^{**} | -.008 | .053 ^{**} |
| | p | .000 | .040 | .000 | .007 | .005 | .029 | .306 | .000 | .125 | .005 | .567 | .000 |
| | N | 5388 | 5355 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 |
| Average Class Size, Grades 4-6 | r | .246 ^{**} | .149 ^{**} | -.150 ^{**} | -.070 ^{**} | -.072 ^{**} | .149 ^{**} | -.090 ^{**} | .105 ^{**} | -.100 ^{**} | .014 | .048 ^{**} | .054 ^{**} |
| | p | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .298 | .000 | .064 |
| | N | 5388 | 5355 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 |
| % of Grade 2 Enrollment | r | .049 ^{**} | -.029 | .043 ^{**} | .093 ^{**} | -.052 ^{**} | -.009 | .018 | -.012 | .059 ^{**} | .000 | -.066 ^{**} | .023 |
| | p | .000 | .031 | .002 | .000 | .000 | .508 | .188 | .387 | .000 | .993 | .000 | .085 |
| | N | 5388 | 5355 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 |
| % of Grade 6 Enrollment | r | -.087 ^{**} | -.046 ^{**} | .033 ^{**} | -.016 | .026 | .032 [*] | -.047 ^{**} | .009 | .012 | .003 | -.013 | -.061 ^{**} |
| | p | .000 | .001 | .015 | .234 | .058 | .019 | .001 | .509 | .380 | .803 | .322 | .000 |
| | N | 5388 | 5355 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 |
| % of Grades 7-8 Enrollment | r | -.070 ^{**} | .045 ^{**} | -.055 ^{**} | -.123 ^{**} | .134 ^{**} | -.021 | .005 | .003 | -.102 ^{**} | .019 | .116 ^{**} | -.006 |
| | p | .000 | .001 | .000 | .000 | .000 | .122 | .706 | .823 | .000 | .161 | .000 | .642 |
| | N | 5388 | 5355 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 |
| % of Grades 9-11 Enrollment | r | -.102 ^{**} | .073 ^{**} | -.088 ^{**} | -.129 ^{**} | .035 ^{**} | -.042 ^{**} | -.003 | -.032 ^{**} | -.092 ^{**} | -.008 | .137 ^{**} | .019 |
| | p | .000 | .000 | .000 | .000 | .010 | .002 | .820 | .021 | .000 | .557 | .000 | .156 |
| | N | 5388 | 5355 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 |
| % of Students in GATE | r | .338 ^{**} | .269 ^{**} | -.248 ^{**} | -.154 ^{**} | -.040 ^{**} | .195 ^{**} | .032 [*] | .111 ^{**} | -.226 ^{**} | -.023 | .118 ^{**} | .029 |
| | p | .000 | .000 | .000 | .000 | .004 | .000 | .020 | .000 | .000 | .093 | .000 | .031 |
| | N | 5388 | 5355 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 |
| % of Students with Disabilities | r | -.099 ^{**} | -.061 ^{**} | .059 ^{**} | -.039 ^{**} | .054 ^{**} | -.140 ^{**} | .069 ^{**} | -.014 | .012 | .057 ^{**} | .036 ^{**} | .015 |
| | p | .000 | .000 | .000 | .004 | .000 | .000 | .000 | .300 | .383 | .000 | .009 | .267 |
| | N | 5388 | 5355 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 |
| % of Students in MEP | r | -.325 ^{**} | -.342 ^{**} | .292 ^{**} | .347 ^{**} | -.007 | -.148 ^{**} | -.149 ^{**} | -.115 ^{**} | .348 ^{**} | -.112 ^{**} | -.228 ^{**} | -.170 ^{**} |
| | p | .000 | .000 | .000 | .000 | .606 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| | N | 5388 | 5355 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 |
| School Characteristic Index | r | .879 ^{**} | .915 ^{**} | -.909 ^{**} | -.658 ^{**} | -.104 ^{**} | .508 ^{**} | -.216 ^{**} | .184 ^{**} | -.758 ^{**} | -.067 ^{**} | .635 ^{**} | .396 ^{**} |
| | p | 0.000 | 0.000 | 0.000 | 0.000 | .000 | 0.000 | .000 | .000 | 0.000 | 0.000 | .000 | .000 |
| | N | 5388 | 5355 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 |

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

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

*** Teacher Credential data are not available for 2011.

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 2011 SCHOOL CHARACTERISTICS INDEX AND SIMILAR SCHOOLS RANKS

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

| | 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 |
|--|------------|-------------------------------------|--|----------------------|----------------------|--------------------------------|--------------------------------|-------------------------|-------------------------|----------------------------|-----------------------------|-----------------------|---------------------------------|----------------------|-----------------------------|
| API | r | *** | *** | -.027 | -.523** | .040** | .236** | .058** | -.111** | -.079** | -.096** | .364** | -.093** | -.333** | .878** |
| | p | *** | *** | .060 | 0.000 | .004 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 0.000 |
| | N | *** | *** | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 |
| Average Parent Education | r | *** | *** | -.055** | -.394** | .025 | .139** | -.024 | -.056** | .036* | .084** | .297** | -.061** | -.352** | .920** |
| | p | *** | *** | .000 | .000 | .074 | .000 | .095 | .000 | .011 | .000 | .000 | .000 | .000 | 0.000 |
| | N | *** | *** | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 |
| % of Students Participating in Free or Reduced-Price Lunch | r | *** | *** | .057** | .416** | -.052** | -.144** | .039** | .042** | -.046** | -.100** | -.263** | .052** | .301** | -.910** |
| | p | *** | *** | .000 | .000 | .000 | .000 | .005 | .003 | .001 | .000 | .000 | .000 | .000 | 0.000 |
| | N | *** | *** | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 |
| % EL and RFEF | r | *** | *** | .062** | .139** | -.042** | -.072** | .095** | -.027 | -.112** | -.146** | -.190** | -.042** | .366** | -.665** |
| | p | *** | *** | .000 | .000 | .003 | .000 | .000 | .055 | .000 | .000 | .000 | .003 | .000 | 0.000 |
| | N | *** | *** | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 |
| % American Indian or Alaska Native | r | *** | *** | -.023 | .080** | -.034* | -.070** | -.049** | .027 | .127** | .034* | -.038** | .061** | -.006 | -.106* |
| | p | *** | *** | .098 | .000 | .017 | .000 | .000 | .053 | .000 | .016 | .007 | .000 | .672 | .000 |
| | N | *** | *** | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 |
| % Asian | r | *** | *** | .035** | -.212** | .018 | .136** | -.003 | .004 | -.020 | -.046** | .190** | -.141** | -.146** | .507** |
| | p | *** | *** | .014 | .000 | .194 | .000 | .845 | .774 | .162 | .001 | .000 | .000 | .000 | 0.000 |
| | N | *** | *** | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 |
| % Black or African American | r | *** | *** | .051** | .272** | .021 | -.058** | .008 | -.019 | .010 | -.003 | -.010 | .065** | -.157** | -.222** |
| | p | *** | *** | .000 | .000 | .144 | .000 | .562 | .189 | .479 | .829 | .498 | .000 | .000 | .000 |
| | N | *** | *** | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 |
| % Filipino | r | *** | *** | .006 | -.109** | .057** | .106** | -.010 | .007 | -.002 | -.035* | .132** | -.018 | -.119** | .181** |
| | p | *** | *** | .696 | .000 | .000 | .000 | .491 | .635 | .915 | .014 | .000 | .208 | .000 | .000 |
| | N | *** | *** | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 |
| % Hispanic or Latino | r | *** | *** | .034* | .232** | -.023 | -.096** | .059** | .019 | -.097** | -.106** | -.237** | .007 | .357** | -.758** |
| | p | *** | *** | .015 | .000 | .108 | .000 | .000 | .187 | .000 | .000 | .000 | .616 | .000 | 0.000 |
| | N | *** | *** | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 |
| % Native Hawaiian or Pacific Islander | r | *** | *** | .003 | .049** | .052** | .027 | .006 | -.006 | .017 | -.016 | -.035* | .054** | -.112** | -.068** |
| | p | *** | *** | .854 | .001 | .000 | .052 | .662 | .656 | .238 | .269 | .014 | .000 | .000 | .000 |
| | N | *** | *** | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 |
| % White | r | *** | *** | -.081** | -.225** | -.014 | .038** | -.066** | -.015 | .109** | .154** | .149** | .043** | -.238** | .631** |
| | p | *** | *** | .000 | .000 | .315 | .007 | .000 | .299 | .000 | .000 | .000 | .002 | .000 | 0.000 |
| | N | *** | *** | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 |
| % Two or More Races | r | *** | *** | .027 | -.140** | .052** | .052** | .022 | -.058** | -.009 | .026 | .128** | .017 | -.175** | .388** |
| | p | *** | *** | .053 | .000 | .000 | .000 | .125 | .000 | .518 | .065 | .000 | .233 | .000 | .000 |
| | N | *** | *** | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 |
| % Missing Race/Ethnicity | r | *** | *** | .007 | -.032* | .068** | .023 | -.016 | .001 | .035* | -.004 | -.002 | -.020 | -.047** | .059** |
| | p | *** | *** | .625 | .023 | .000 | .109 | .259 | .966 | .012 | .794 | .889 | .149 | .001 | .000 |
| | N | *** | *** | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 |

* Correlation is significant at the 0.05 level (2-tailed).
 ** Correlation is significant at the 0.01 level (2-tailed).
 *** Teacher Credential data are not available for 2011.

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 2011 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

Below the diagonal: Correlations based on all schools

| 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 | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| | p | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| | N | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| % of Teachers with Emergency Credentials | r | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| | p | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| | N | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| Year Round Indicator | r | *** | *** | | .022 | -.064 | -.049 | -.005 | .034 | -.031 | .003 | -.002 | -.045 | -.056 | -.031 |
| | p | *** | *** | | .126 | .000 | .001 | .739 | .016 | .027 | .843 | .868 | .001 | .000 | .026 |
| | N | *** | *** | | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 |
| % of School Mobility | r | *** | *** | .029 | | -.082 | -.232 | -.073 | .096 | .072 | .317 | -.238 | .040 | .113 | -.596 |
| | p | *** | *** | .033 | | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .004 | .000 | 0.000 |
| | N | *** | *** | 5388 | | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 |
| Average Class Size, Grades K-3 | r | *** | *** | -.059 | -.088 | | .479 | .021 | .068 | -.081 | -.245 | .034 | -.080 | .018 | .047 |
| | p | *** | *** | .000 | .000 | | .000 | .143 | .000 | .000 | .000 | .017 | .000 | .212 | .001 |
| | N | *** | *** | 5388 | 5388 | | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 |
| Average Class Size, Grades 4-6 | r | *** | *** | -.054 | -.235 | .484 | | .076 | -.011 | -.152 | -.303 | .147 | -.155 | -.058 | .269 |
| | p | *** | *** | .000 | .000 | 0.000 | | .000 | .446 | .000 | .000 | .000 | .000 | .000 | .000 |
| | N | *** | *** | 5388 | 5388 | 5388 | | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 |
| % of Grade 2 Enrollment | r | *** | *** | .001 | -.069 | .012 | .061 | | -.489 | -.459 | -.214 | -.074 | .040 | .014 | .059 |
| | p | *** | *** | .963 | .000 | .390 | .000 | | .000 | .000 | .000 | .000 | .004 | .304 | .000 |
| | N | *** | *** | 5388 | 5388 | 5388 | 5388 | | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 |
| % of Grade 6 Enrollment | r | *** | *** | .034 | .092 | .081 | .016 | -.488 | | .164 | .008 | .024 | -.053 | .050 | -.124 |
| | p | *** | *** | .014 | .000 | .000 | .238 | 0.000 | | .000 | .571 | .087 | .000 | .000 | .000 |
| | N | *** | *** | 5388 | 5388 | 5388 | 5388 | 5388 | | 5030 | 5030 | 5030 | 5030 | 5030 | 5030 |
| % of Grades 7-8 Enrollment | r | *** | *** | -.037 | .068 | -.081 | -.145 | -.457 | .162 | | .240 | -.003 | -.103 | .031 | -.091 |
| | p | *** | *** | .007 | .000 | .000 | .000 | .000 | .000 | | .000 | .812 | .000 | .030 | .000 |
| | N | *** | *** | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | | 5030 | 5030 | 5030 | 5030 | 5030 |
| % of Grades 9-11 Enrollment | r | *** | *** | -.002 | .307 | -.230 | -.278 | -.218 | .009 | .240 | | -.090 | -.098 | -.046 | -.109 |
| | p | *** | *** | .900 | .000 | .000 | .000 | .000 | .520 | .000 | | .000 | .000 | .001 | .000 |
| | N | *** | *** | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | | 5030 | 5030 | 5030 | 5030 |
| % of Students in GATE | r | *** | *** | .007 | -.237 | .037 | .124 | -.065 | .015 | -.008 | -.076 | | -.036 | -.143 | .414 |
| | p | *** | *** | .626 | .000 | .007 | .000 | .000 | .285 | .553 | .000 | | .011 | .000 | .000 |
| | N | *** | *** | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | | 5030 | 5030 | 5030 |
| % of Students with Disabilities | r | *** | *** | -.042 | .048 | -.086 | -.164 | .039 | -.050 | -.105 | -.094 | -.043 | | -.119 | -.106 |
| | p | *** | *** | .002 | .000 | .000 | .000 | .004 | .000 | .000 | .000 | .002 | | .000 | .000 |
| | N | *** | *** | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | | 5030 | 5030 |
| % of Students in MEP | r | *** | *** | -.056 | .110 | .008 | -.058 | .015 | .041 | .030 | -.046 | -.137 | -.114 | | -.380 |
| | p | *** | *** | .000 | .000 | .559 | .000 | .262 | .002 | .027 | .001 | .000 | .000 | | .000 |
| | N | *** | *** | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | | 5030 |
| School Characteristic Index | r | *** | *** | -.051 | -.594 | .059 | .275 | .054 | -.110 | -.082 | -.117 | .397 | -.114 | -.369 | |
| | p | *** | *** | .000 | 0.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | |
| | N | *** | *** | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | 5388 | |

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

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

*** Teacher Credential data are not available for 2011.

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 2011 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

Below the diagonal: Correlations based on all schools

| 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 | .876** | -.854** | -.680** | -.010 | .472** | -.241** | .124** | -.743** | -.046 | .653** | .297** | .036 |
| | p | 0.000 | 0.000 | .000 | .730 | .000 | .000 | .000 | .000 | .107 | .000 | .000 | .201 |
| | N | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 |
| Average Parent Education | r | .875** | -.933** | -.818** | .026 | .443** | -.108** | .164** | -.875** | .038 | .753** | .380** | .089** |
| | p | 0.000 | 0.000 | .000 | .360 | .000 | .000 | .000 | 0.000 | .179 | .000 | .000 | .002 |
| | N | 1297 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 |
| % of Students Participating in Free or Reduced-Price Lunch | r | -.853** | -.932** | .790** | -.045 | -.385** | .210** | -.159** | .836** | -.010 | -.775** | -.378** | -.103** |
| | p | 0.000 | 0.000 | .000 | .118 | .000 | .000 | .000 | 0.000 | .715 | .000 | .000 | .000 |
| | N | 1304 | 1297 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 |
| % EL and RFEP | r | -.671** | -.815** | .785** | -.189** | -.123** | -.074** | .793** | -.040 | -.779** | -.378** | -.093** | |
| | p | .000 | 0.000 | .000 | .000 | .000 | .009 | .012 | .000 | .157 | .000 | .000 | .001 |
| | N | 1304 | 1297 | 1304 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 |
| % American Indian or Alaska Native | r | .002 | .036 | -.054 | -.199** | -.077** | -.056 | -.074** | -.175** | -.023 | .229** | .038 | .030 |
| | p | .956 | .192 | .052 | .000 | .007 | .043 | .009 | .000 | .422 | .000 | .178 | .289 |
| | N | 1304 | 1297 | 1304 | 1304 | 1233 | 1304 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 |
| % Asian | r | .476** | .442** | -.394** | -.128** | -.071** | -.075** | .190** | -.494** | .081** | .011 | .053 | .009 |
| | p | .000 | .000 | .000 | .000 | .010 | .007 | .000 | .000 | .004 | .694 | .064 | .751 |
| | N | 1304 | 1297 | 1304 | 1304 | 1304 | 1304 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 |
| % Black or African American | r | -.275** | -.119** | .211** | -.082** | -.057** | -.064** | .127** | -.074** | .262** | -.267** | .022 | .042 |
| | p | .000 | .000 | .000 | .003 | .044 | .024 | .000 | .010 | .000 | .000 | .443 | .139 |
| | N | 1304 | 1297 | 1304 | 1304 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 |
| % Filipino | r | .138** | .174** | -.170** | -.080** | -.068** | .196** | .095** | -.217** | .391** | -.100** | .153** | .006 |
| | p | .000 | .000 | .000 | .004 | .013 | .000 | .001 | .000 | .000 | .000 | .000 | .827 |
| | N | 1304 | 1297 | 1304 | 1304 | 1304 | 1304 | 1304 | 1233 | 1233 | 1233 | 1233 | 1233 |
| % Hispanic or Latino | r | -.731** | -.869** | .832** | .796** | -.185** | -.497** | -.086** | -.223** | -.150** | -.783** | -.403** | -.125** |
| | p | .000 | 0.000 | 0.000 | .000 | .000 | .000 | .002 | .000 | .000 | .000 | .000 | .000 |
| | N | 1304 | 1297 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1233 | 1233 | 1233 | 1233 |
| % Native Hawaiian or Pacific Islander | r | -.051 | .031 | -.009 | -.038 | -.017 | .090** | .267** | .373** | -.156** | -.075** | .111** | -.003 |
| | p | .065 | .271 | .755 | .170 | .532 | .001 | .000 | .000 | .000 | .008 | .000 | .904 |
| | N | 1304 | 1297 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1233 | 1233 | 1233 |
| % White | r | .658** | .758** | -.777** | -.778** | .240** | .022 | -.271** | -.083** | -.779** | -.078** | .288** | .027 |
| | p | .000 | .000 | .000 | .000 | .000 | .419 | .000 | .003 | .000 | .005 | .000 | .337 |
| | N | 1304 | 1297 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1233 | 1233 |
| % Two or More Races | r | .311** | .393** | -.390** | -.387** | .043 | .057** | .000 | .159** | -.408** | .096** | .304** | .137** |
| | p | .000 | .000 | .000 | .000 | .117 | .040 | .993 | .000 | .000 | .001 | .000 | .000 |
| | N | 1304 | 1297 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1233 |
| % Missing Race/Ethnicity | r | .050 | .090** | -.108** | -.093** | .026 | .029 | .032 | .006 | -.129** | -.007 | .025 | .130** |
| | p | .071 | .001 | .000 | .001 | .345 | .294 | .249 | .823 | .000 | .807 | .369 | .000 |
| | N | 1304 | 1297 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 |

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

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

*** Teacher Credential data are not available for 2011.

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 2011 SCHOOL CHARACTERISTICS INDEX AND SIMILAR SCHOOLS RANKS

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

| Statistics | API | Average Parent Education | % of Students Participating in Free or Reduced-Price Lunch | % EL and R/EP | % 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 | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| | p | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| | N | 1304 | 1297 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 |
| % of Teachers with Emergency Credentials | r | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| | p | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| | N | 1304 | 1297 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 |
| Year Round Indicator | r | -.077** | -.082** | .077** | .112** | -.033 | .012 | -.025 | -.041 | .071* | -.045 | -.068* | -.038 |
| | p | .005 | .003 | .005 | .000 | .234 | .675 | .373 | .136 | .010 | .101 | .014 | .167 |
| | N | 1304 | 1297 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 |
| % of School Mobility | r | -.647** | -.566** | .582** | .311** | .087** | -.276** | .339** | -.107** | .379** | .035 | -.398** | -.187** |
| | p | .000 | .000 | .000 | .000 | .002 | .000 | .000 | .000 | .000 | .203 | .000 | .000 |
| | N | 1304 | 1297 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 |
| Average Class Size, Grades 4-6 | r | .293** | .242** | -.235** | -.218** | -.009 | .113** | -.071* | .106** | -.196** | .044 | .174** | .083** |
| | p | .000 | .000 | .000 | .000 | .747 | .000 | .010 | .000 | .000 | .110 | .000 | .003 |
| | N | 1304 | 1297 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 |
| Average Class Size, Core | r | .355** | .311** | -.312** | -.255** | -.009 | .178** | -.086** | .145** | -.253** | .070 | .201** | .084** |
| | p | .000 | .000 | .000 | .000 | .743 | .000 | .002 | .000 | .000 | .011 | .000 | .002 |
| | N | 1304 | 1297 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 |
| % of Grade 2 Enrollment | r | .015 | .003 | -.005 | -.013 | .003 | .031 | .033 | .047 | -.010 | -.025 | -.022 | -.023 |
| | p | .577 | .914 | .847 | .644 | .905 | .257 | .229 | .090 | .706 | .370 | .418 | .398 |
| | N | 1304 | 1297 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 |
| % of Grades 3-5 Enrollment | r | .063 | .027 | -.029 | -.055 | .153** | -.051 | -.010 | -.057* | -.055* | -.014 | .102** | -.034 |
| | p | .023 | .331 | .303 | .046 | .000 | .066 | .713 | .041 | .045 | .608 | .000 | .214 |
| | N | 1304 | 1297 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 |
| % of Grade 6 Enrollment | r | .064 | .078** | -.046 | -.051 | -.020 | -.051 | .061* | .005 | -.048 | .021 | .051 | .088** |
| | p | .020 | .005 | .094 | .066 | .476 | .064 | .028 | .860 | .081 | .443 | .064 | .001 |
| | N | 1304 | 1297 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 |
| % of Grades 9-11 Enrollment | r | -.064 | -.025 | .055 | .083** | -.017 | -.038 | .035 | -.002 | .062* | -.022 | -.059* | -.044 |
| | p | .020 | .362 | .046 | .003 | .547 | .174 | .207 | .930 | .026 | .428 | .032 | .110 |
| | N | 1304 | 1297 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 |
| % of Students in GATE | r | .454** | .390** | -.355** | -.244** | -.037 | .309** | -.080** | .161** | -.327** | -.020 | .213** | .090** |
| | p | .000 | .000 | .000 | .000 | .185 | .000 | .004 | .000 | .000 | .460 | .000 | .001 |
| | N | 1304 | 1297 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 |
| % of Students with Disabilities | r | -.365** | -.266** | .239** | .144** | .091** | -.233** | .117** | -.018 | .172** | .093** | -.117** | -.043 |
| | p | .000 | .000 | .000 | .000 | .001 | .000 | .000 | .518 | .000 | .001 | .000 | .118 |
| | N | 1304 | 1297 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 |
| % of Students in MEP | r | -.271** | -.308** | .259** | .316** | -.001 | -.151** | -.154** | -.112** | .324** | -.130** | -.201** | -.147** |
| | p | .000 | .000 | .000 | .000 | .982 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| | N | 1304 | 1297 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 |
| School Characteristic Index | r | .922** | .945** | -.926** | -.729** | -.001 | .517** | -.291** | .145** | -.794** | .059 | .713** | .335** |
| | p | 0.000 | 0.000 | 0.000 | .000 | .981 | .000 | .000 | .000 | .000 | .033 | .000 | .000 |
| | N | 1304 | 1297 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 |

* Correlation is significant at the 0.05 level (2-tailed).
 ** Correlation is significant at the 0.01 level (2-tailed).
 *** Teacher Credential data are not available for 2011.

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 2011 SCHOOL CHARACTERISTICS INDEX AND SIMILAR SCHOOLS RANKS

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

| 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 GA TE | % of Students with Disabilities | % of Students in MEP | School Characteristic Index | |
|--|-------------------------------------|--|----------------------|----------------------|--------------------------------|--------------------------|-------------------------|----------------------------|-------------------------|-----------------------------|------------------------|---------------------------------|----------------------|-----------------------------|---------|
| API | r | *** | *** | -.085** | -.649** | .264** | .340** | .015 | .062* | .094** | -.071* | .446** | -.349** | -.287** | .922** |
| | p | *** | *** | .003 | .000 | .000 | .000 | .610 | .029 | .001 | .013 | .000 | .000 | .000 | 0.000 |
| | N | *** | *** | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 |
| Average Parent Education | r | *** | *** | -.086* | -.574** | .226** | .307** | .001 | .024 | .083** | -.028 | .382** | -.262** | -.318** | .948** |
| | p | *** | *** | .002 | .000 | .000 | .000 | .970 | .393 | .003 | .322 | .000 | .000 | .000 | 0.000 |
| | N | *** | *** | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 |
| % of Students Participating in Free or Reduced-Price Lunch | r | *** | *** | .082** | .591** | -.213** | -.304** | -.004 | -.027 | -.062* | .059 | -.340** | .227** | .267** | -.928** |
| | p | *** | *** | .004 | .000 | .000 | .000 | .887 | .341 | .029 | .039 | .000 | .000 | .000 | 0.000 |
| | N | *** | *** | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 |
| % EL and RFEF | r | *** | *** | .118** | .328** | -.216** | -.262** | -.010 | -.051 | -.050 | .088** | -.232** | .148** | .326** | -.739** |
| | p | *** | *** | .000 | .000 | .000 | .000 | .727 | .071 | .082 | .002 | .000 | .000 | .000 | .000 |
| | N | *** | *** | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 |
| % American Indian or Alaska Native | r | *** | *** | -.034 | .090** | -.016 | -.013 | -.002 | .152** | -.021 | -.017 | -.040 | .095** | -.003 | -.011 |
| | p | *** | *** | .230 | .001 | .578 | .641 | .947 | .000 | .462 | .544 | .162 | .001 | .916 | .699 |
| | N | *** | *** | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 |
| % Asian | r | *** | *** | .012 | -.282** | .111** | .168** | .033 | -.052 | -.027 | -.039 | .300** | -.237** | -.150** | .515** |
| | p | *** | *** | .686 | .000 | .000 | .000 | .251 | .068 | .349 | .174 | .000 | .000 | .000 | .000 |
| | N | *** | *** | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 |
| % Black or African American | r | *** | *** | -.024 | .301** | .002 | -.027 | .040 | -.017 | .041 | .041 | -.070* | .065** | -.160** | -.261** |
| | p | *** | *** | .391 | .000 | .948 | .338 | .163 | .558 | .152 | .152 | .014 | .022 | .000 | .000 |
| | N | *** | *** | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 |
| % Filipino | r | *** | *** | -.044 | -.104** | .098** | .137** | .047 | -.058* | .017 | -.004 | .156** | -.017 | -.114** | .134** |
| | p | *** | *** | .125 | .000 | .001 | .000 | .098 | .040 | .560 | .888 | .000 | .546 | .000 | .000 |
| | N | *** | *** | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 |
| % Hispanic or Latino | r | *** | *** | .075** | .406** | -.199** | -.260** | -.008 | -.052 | -.062* | .065 | -.320** | .179** | .330** | -.808** |
| | p | *** | *** | .008 | .000 | .000 | .000 | .778 | .067 | .030 | .022 | .000 | .000 | .000 | .000 |
| | N | *** | *** | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 |
| % Native Hawaiian or Pacific Islander | r | *** | *** | -.049 | .024 | .071* | .088** | -.026 | -.039 | .031 | -.023 | -.020 | .082** | -.134** | -.050 |
| | p | *** | *** | .088 | .393 | .013 | .002 | .353 | .173 | .277 | .421 | .485 | .004 | .000 | .082 |
| | N | *** | *** | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 |
| % White | r | *** | *** | -.072 | -.401** | .151** | .192** | -.027 | .101** | .059 | -.063 | .203** | -.103** | -.209** | .709** |
| | p | *** | *** | .011 | .000 | .000 | .000 | .342 | .000 | .040 | .027 | .000 | .000 | .000 | .000 |
| | N | *** | *** | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 |
| % Two or More Races | r | *** | *** | -.040 | -.182** | .068** | .076** | -.025 | -.036 | .091** | -.046 | .077** | -.032 | -.150** | .322** |
| | p | *** | *** | .156 | .000 | .017 | .007 | .386 | .205 | .001 | .106 | .007 | .256 | .000 | .000 |
| | N | *** | *** | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 |
| % Missing Race/Ethnicity | r | *** | *** | .000 | .000 | -.033 | -.010 | -.007 | .053 | .030 | -.005 | .021 | -.022 | -.025 | .040 |
| | p | *** | *** | .997 | .991 | .252 | .714 | .809 | .065 | .290 | .866 | .471 | .432 | .388 | .158 |
| | N | *** | *** | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 |

* Correlation is significant at the 0.05 level (2-tailed).
 ** Correlation is significant at the 0.01 level (2-tailed).
 *** Teacher Credential data are not available for 2011.

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 2011 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

Below the diagonal: Correlations based on all schools

| 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 | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| | p | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| | N | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| % of Teachers with Emergency Credentials | r | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| | p | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| | N | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| Year Round Indicator | r | *** | *** | .015 | -.054 | -.009 | -.006 | -.020 | -.010 | -.012 | -.020 | -.005 | -.033 | -.092 |
| | p | *** | *** | .598 | .059 | .758 | .826 | .477 | .731 | .673 | .485 | .852 | .241 | .001 |
| | N | *** | *** | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 |
| % of School Mobility | r | *** | *** | .012 | -.223 | -.261 | .024 | -.029 | -.141 | .020 | -.362 | .287 | .111 | -.705 |
| | p | *** | *** | .660 | .000 | .000 | .405 | .316 | .000 | .482 | .000 | .000 | .000 | .000 |
| | N | *** | *** | 1304 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 |
| Average Class Size, Grades 4-6 | r | *** | *** | -.049 | -.255 | .566 | -.005 | -.035 | .077 | -.003 | .198 | -.195 | -.082 | .287 |
| | p | *** | *** | .077 | .000 | .000 | .870 | .215 | .007 | .916 | .000 | .000 | .004 | .000 |
| | N | *** | *** | 1304 | 1304 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 |
| Average Class Size, Core | r | *** | *** | -.007 | -.276 | .576 | -.001 | -.075 | -.014 | -.024 | .181 | -.219 | -.099 | .368 |
| | p | *** | *** | .798 | .000 | .000 | .977 | .008 | .617 | .407 | .000 | .000 | .001 | .000 |
| | N | *** | *** | 1304 | 1304 | 1304 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 |
| % of Grade 2 Enrollment | r | *** | *** | -.006 | .024 | -.003 | .000 | .197 | -.004 | .051 | -.007 | -.023 | -.018 | .014 |
| | p | *** | *** | .826 | .387 | .909 | .989 | .000 | .886 | .071 | .810 | .414 | .533 | .630 |
| | N | *** | *** | 1304 | 1304 | 1304 | 1304 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 |
| % of Grades 3-5 Enrollment | r | *** | *** | -.020 | -.029 | -.034 | -.074 | .196 | .022 | -.009 | -.088 | -.072 | .089 | .067 |
| | p | *** | *** | .481 | .287 | .221 | .008 | .000 | .437 | .747 | .002 | .011 | .002 | .018 |
| | N | *** | *** | 1304 | 1304 | 1304 | 1304 | 1304 | 1233 | 1233 | 1233 | 1233 | 1233 | 1233 |
| % of Grade 6 Enrollment | r | *** | *** | -.010 | -.122 | .064 | -.037 | -.003 | .021 | -.099 | .061 | .048 | -.074 | .100 |
| | p | *** | *** | .706 | .000 | .020 | .179 | .903 | .453 | .000 | .032 | .090 | .010 | .000 |
| | N | *** | *** | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1233 | 1233 | 1233 | 1233 | 1233 |
| % of Grades 9-11 Enrollment | r | *** | *** | -.012 | .016 | -.001 | -.022 | .051 | -.009 | -.098 | -.009 | -.086 | .052 | -.073 |
| | p | *** | *** | .678 | .553 | .973 | .429 | .063 | .752 | .000 | .760 | .003 | .066 | .010 |
| | N | *** | *** | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1233 | 1233 | 1233 | 1233 |
| % of Students in GATE | r | *** | *** | -.018 | -.361 | .202 | .180 | -.006 | -.084 | .054 | -.008 | -.149 | -.155 | .485 |
| | p | *** | *** | .519 | .000 | .000 | .000 | .834 | .002 | .053 | .773 | .000 | .000 | .000 |
| | N | *** | *** | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1233 | 1233 | 1233 |
| % of Students with Disabilities | r | *** | *** | -.005 | .304 | -.222 | -.233 | -.024 | -.073 | .050 | -.083 | -.155 | -.048 | -.379 |
| | p | *** | *** | .851 | .000 | .000 | .000 | .385 | .008 | .071 | .003 | .000 | .093 | .000 |
| | N | *** | *** | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1233 | 1233 |
| % of Students in MEP | r | *** | *** | -.033 | .101 | -.080 | -.099 | -.018 | .086 | -.068 | .052 | -.153 | -.044 | -.312 |
| | p | *** | *** | .240 | .000 | .004 | .000 | .521 | .002 | .014 | .063 | .000 | .114 | .000 |
| | N | *** | *** | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1233 |
| School Characteristic Index | r | *** | *** | -.086 | -.704 | .315 | .383 | .015 | .067 | .079 | -.068 | .495 | -.394 | -.301 |
| | p | *** | *** | .002 | .000 | .000 | .000 | .591 | .016 | .004 | .014 | .000 | .000 | .000 |
| | N | *** | *** | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 | 1304 |

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

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

*** Teacher Credential data are not available for 2011.

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 2011 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
Below the diagonal: Correlations based on all schools

| Statistics | API | Average Parent Education | % of Students Participating in Free or Reduced-Price Lunch | % EL and RFEF | % 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 | .819** | -.742** | -.587** | -.042 | .429** | -.325** | .111 | -.656** | -.089** | .568** | .230** | -.043 |
| | p | .000 | .000 | .000 | .154 | .000 | .000 | .000 | .000 | .003 | .000 | .000 | .139 |
| | N | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 |
| Average Parent Education | r | .813** | -.906** | -.801** | .000 | .357** | -.115** | .163** | -.854** | .027 | .734** | .353** | .024 |
| | p | .000 | 0.000 | .000 | .996 | .000 | .000 | .000 | 0.000 | .353 | .000 | .000 | .423 |
| | N | 1208 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 |
| % of Students Participating in Free or Reduced-Price Lunch | r | -.754** | -.903** | .777** | -.012 | -.262** | .181** | -.161** | .796** | -.011 | -.746** | -.342** | -.022 |
| | p | .000 | 0.000 | .000 | .671 | .000 | .000 | .000 | .000 | .711 | .000 | .000 | .460 |
| | N | 1214 | 1208 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 |
| % EL and RFEF | r | -.585** | -.796** | .779** | -.144** | -.037 | -.067 | -.041 | .776** | -.044 | -.779** | -.353** | -.079** |
| | p | .000 | .000 | .000 | .000 | .204 | .022 | .164 | .000 | .137 | .000 | .000 | .007 |
| | N | 1214 | 1208 | 1214 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 |
| % American Indian or Alaska Native | r | -.008 | .005 | -.043 | -.156** | -.076** | -.043 | -.066 | -.144** | -.021 | .148** | .017 | .037 |
| | p | .772 | .872 | .138 | .000 | .010 | .133 | .025 | .000 | .468 | .000 | .575 | .210 |
| | N | 1214 | 1208 | 1214 | 1214 | 1157 | 1214 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 |
| % Asian | r | .439** | .354** | -.275** | -.043 | -.054 | -.074 | .222** | -.452** | .105** | -.088** | .051 | -.025 |
| | p | .000 | .000 | .000 | .135 | .059 | .010 | .000 | .000 | .000 | .003 | .083 | .392 |
| | N | 1214 | 1208 | 1214 | 1214 | 1214 | 1214 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 |
| % Black or African American | r | -.337** | -.123** | .196** | -.072 | -.028 | -.053 | .150** | -.059 | .341** | -.273** | .032 | .124** |
| | p | .000 | .000 | .000 | .012 | .341 | .074 | .000 | .045 | .000 | .000 | .274 | .000 |
| | N | 1214 | 1208 | 1214 | 1214 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 |
| % Filipino | r | .115** | .164** | -.160** | -.042 | -.071 | .218** | .118** | -.199** | .363** | -.153** | .143** | -.052 |
| | p | .000 | .000 | .000 | .142 | .014 | .000 | .000 | .000 | .000 | .000 | .000 | .074 |
| | N | 1214 | 1208 | 1214 | 1214 | 1214 | 1214 | 1214 | 1157 | 1157 | 1157 | 1157 | 1157 |
| % Hispanic or Latino | r | -.660** | -.848** | .801** | .783** | -.164** | -.455** | -.060 | -.193** | -.163** | -.760** | -.373** | -.089** |
| | p | .000 | 0.000 | .000 | .000 | .000 | .035 | .000 | .000 | .000 | .000 | .000 | .002 |
| | N | 1214 | 1208 | 1214 | 1214 | 1214 | 1214 | 1214 | 1157 | 1157 | 1157 | 1157 | 1157 |
| % Native Hawaiian or Pacific Islander | r | -.081** | .024 | -.011 | -.038 | -.013 | .103** | .287** | -.154** | | -.099** | .157** | -.009 |
| | p | .005 | .403 | .699 | .189 | .646 | .000 | .000 | .000 | | .001 | .000 | .749 |
| | N | 1214 | 1208 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | | 1157 | 1157 | 1157 |
| % White | r | .579** | .736** | -.754** | -.780** | .164** | -.076** | -.277** | -.145** | -.760** | -.097** | .240** | -.006 |
| | p | .000 | .000 | .000 | .000 | .000 | .008 | .000 | .000 | .000 | .001 | .000 | .829 |
| | N | 1214 | 1208 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1157 | 1157 |
| % Two or More Races | r | .230** | .359** | -.342** | -.357** | .005 | .041 | .018 | .139** | -.369** | .145** | .250** | .180** |
| | p | .000 | .000 | .000 | .000 | .870 | .152 | .530 | .000 | .000 | .000 | .000 | .000 |
| | N | 1214 | 1208 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1157 |
| % Missing Race/Ethnicity | r | -.028 | .028 | -.037 | -.087** | .049 | -.004 | .103** | -.055 | -.103** | -.009 | .002 | .171** |
| | p | .330 | .327 | .198 | .002 | .087 | .883 | .000 | .055 | .000 | .750 | .950 | .000 |
| | N | 1214 | 1208 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 |

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

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

*** Teacher Credential data are not available for 2011.

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 2011 SCHOOL CHARACTERISTICS INDEX AND SIMILAR SCHOOLS RANKS

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

| Statistics | API | Average Parent Education | % of Students Participating in Free or Reduced-Price Lunch | % EL and R/EP | % 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 | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| | p | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| | N | 1214 | 1208 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 |
| % of Teachers with Emergency Credentials | r | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| | p | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| | N | 1214 | 1208 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 |
| Year Round Indicator | r | -.182** | -.141** | .133** | .120** | .047 | -.074** | .002 | -.036 | .123** | -.059 | -.089** | -.033 |
| | p | .000 | .000 | .000 | .000 | .102 | .010 | .934 | .204 | .000 | .038 | .002 | .248 |
| | N | 1214 | 1208 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 |
| % of School Mobility | r | -.489** | -.323** | .315** | .105** | .108** | -.200** | .235** | -.088** | .196** | .052 | -.191** | -.009 |
| | p | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .002 | .000 | .068 | .000 | .746 |
| | N | 1214 | 1208 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 |
| Average Class Size, Core | r | .262** | .158** | -.197** | -.037 | -.137** | .156** | -.091** | .124** | -.059 | .030 | .008 | -.047 |
| | p | .000 | .000 | .000 | .192 | .000 | .000 | .002 | .000 | .038 | .299 | .783 | .104 |
| | N | 1214 | 1208 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 |
| % of Grade 2 Enrollment | r | -.050 | .032 | .009 | -.078** | .037 | -.053 | -.018 | -.039 | -.055 | -.025 | .093** | .059 |
| | p | .079 | .274 | .753 | .007 | .200 | .066 | .538 | .174 | .055 | .393 | .001 | .038 |
| | N | 1214 | 1208 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 |
| % of Grades 3-5 Enrollment | r | -.029 | .045 | .004 | -.083** | .039 | -.046 | -.016 | -.028 | -.064* | -.009 | .097** | .052 |
| | p | .315 | .118 | .877 | .004 | .174 | .106 | .589 | .327 | .026 | .751 | .001 | .069 |
| | N | 1214 | 1208 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 |
| % of Grade 6 Enrollment | r | .004 | .010 | .051 | -.008 | .000 | -.041 | .037 | -.006 | .001 | -.015 | .000 | .064* |
| | p | .880 | .717 | .076 | .776 | .996 | .149 | .198 | .848 | .966 | .594 | .993 | .027 |
| | N | 1214 | 1208 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 |
| % of Grades 7-8 Enrollment | r | .054 | .056 | .021 | -.069* | .009 | -.024 | .039 | .015 | -.038 | .010 | .030 | .070* |
| | p | .058 | .050 | .468 | .017 | .748 | .397 | .180 | .590 | .184 | .715 | .293 | .015 |
| | N | 1214 | 1208 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 |
| % of Students in GATE | r | .378** | .317** | -.266** | -.169** | -.030 | .245** | -.085** | .083** | -.259** | -.068* | .183** | -.036 |
| | p | .000 | .000 | .000 | .000 | .302 | .000 | .003 | .004 | .000 | .018 | .000 | .212 |
| | N | 1214 | 1208 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 |
| % of Students with Disabilities | r | -.426** | -.272** | .196** | .138** | .008 | -.255** | .146** | -.055 | .163** | .101** | -.072* | -.104** |
| | p | .000 | .000 | .000 | .000 | .772 | .000 | .000 | .056 | .000 | .000 | .013 | .000 |
| | N | 1214 | 1208 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 |
| % of Students in MEP | r | -.198** | -.289** | .240** | .283** | -.011 | -.143** | -.165** | -.110** | .319** | -.140** | -.182** | -.144** |
| | p | .000 | .000 | .000 | .000 | .698 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| | N | 1214 | 1208 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 |
| School Characteristic Index | r | .907** | .892** | -.832** | -.645** | -.017 | .485** | -.381** | .127** | -.725** | -.092** | .639** | .254** |
| | p | 0.000 | 0.000 | 0.000 | .000 | .558 | .000 | .000 | .000 | .000 | .001 | .000 | .000 |
| | N | 1214 | 1208 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 |

* Correlation is significant at the 0.05 level (2-tailed).
 ** Correlation is significant at the 0.01 level (2-tailed).
 *** Teacher Credential data are not available for 2011.

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 2011 SCHOOL CHARACTERISTICS INDEX AND SIMILAR SCHOOLS RANKS

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

| 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 | *** | *** | -.189** | -.483** | .255** | -.055 | -.032 | .013 | .064 | -.418** | -.203** | .903** |
| | p | *** | *** | .000 | .000 | .000 | .059 | .280 | .655 | .029 | .000 | .000 | 0.000 |
| | N | *** | *** | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 |
| Average Parent Education | r | *** | *** | -.146** | -.327** | .170** | .028 | .042 | .016 | .059 | -.266** | -.301** | .903** |
| | p | *** | *** | .000 | .000 | .000 | .344 | .150 | .598 | .043 | .000 | .000 | 0.000 |
| | N | *** | *** | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 |
| % of Students Participating in Free or Reduced-Price Lunch | r | *** | *** | .137** | .311** | -.204** | .014 | .008 | .045 | .017 | -.245** | .184** | -.826** |
| | p | *** | *** | .000 | .000 | .000 | .640 | .773 | .125 | .570 | .000 | .000 | .000 |
| | N | *** | *** | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 |
| % EL and RFP | r | *** | *** | .125** | .105** | -.059* | -.073* | -.078** | -.015 | -.073* | -.153** | .134** | -.652** |
| | p | *** | *** | .000 | .000 | .046 | .014 | .008 | .607 | .013 | .000 | .000 | .000 |
| | N | *** | *** | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 |
| % Black or African American | r | *** | *** | .004 | .230** | -.060 | -.022 | -.019 | .048 | .048 | -.079** | .139** | -.181** |
| | p | *** | *** | .884 | .000 | .043 | .449 | .509 | .100 | .102 | .008 | .000 | .000 |
| | N | *** | *** | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 |
| % American Indian or Alaska Native | r | *** | *** | .052 | .133** | -.154** | .044 | .046 | .002 | .015 | -.048 | .004 | -.003 |
| | p | *** | *** | .076 | .000 | .000 | .137 | .116 | .947 | .618 | .104 | .890 | .927 |
| | N | *** | *** | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 |
| % Asian | r | *** | *** | -.075* | -.196** | .149** | -.052 | -.045 | -.038 | -.019 | .234** | -.255** | -.140** |
| | p | *** | *** | .011 | .000 | .000 | .077 | .125 | .200 | .525 | .000 | .000 | .000 |
| | N | *** | *** | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 |
| % Filipino | r | *** | *** | -.038 | -.087** | .117** | -.039 | -.028 | -.007 | .014 | .078** | -.053 | -.114** |
| | p | *** | *** | .193 | .003 | .000 | .183 | .342 | .820 | .623 | .008 | .074 | .000 |
| | N | *** | *** | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 |
| % Hispanic or Latino | r | *** | *** | .125** | .195** | -.069* | -.055 | -.064* | -.008 | -.046 | -.243** | .159** | -.324** |
| | p | *** | *** | .000 | .000 | .019 | .062 | .028 | .791 | .120 | .000 | .000 | .000 |
| | N | *** | *** | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 |
| % Native Hawaiian or Pacific Islander | r | *** | *** | -.061* | .055 | .014 | -.023 | -.007 | -.011 | .013 | -.068* | .101** | -.142** |
| | p | *** | *** | .039 | .062 | .639 | .442 | .820 | .699 | .658 | .020 | .001 | .000 |
| | N | *** | *** | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 |
| % White | r | *** | *** | -.091** | -.183** | .010 | .095** | .099** | .006 | .034 | .170** | -.061* | -.186** |
| | p | *** | *** | .002 | .000 | .736 | .001 | .001 | .843 | .248 | .000 | .038 | .000 |
| | N | *** | *** | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 |
| % Two or More Races | r | *** | *** | -.035 | -.020 | -.028 | .030 | .024 | .058* | .062* | -.040 | -.098** | -.149** |
| | p | *** | *** | .235 | .498 | .339 | .304 | .415 | .048 | .036 | .176 | .001 | .000 |
| | N | *** | *** | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 |
| % Missing Race/Ethnicity | r | *** | *** | -.016 | .094** | -.085** | .094** | .085** | .068* | .041 | -.101** | -.021 | -.032 |
| | p | *** | *** | .577 | .001 | .004 | .001 | .004 | .020 | .164 | .001 | .486 | .279 |
| | N | *** | *** | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 |

* Correlation is significant at the 0.05 level (2-tailed).
** Correlation is significant at the 0.01 level (2-tailed).
*** Teacher Credential data are not available for 2011.

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 2011 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

Below the diagonal: Correlations based on all schools

| 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 | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| | p | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| | N | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| % of Teachers with Emergency Credentials | r | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| | p | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| | N | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| Year Round Indicator | r | *** | *** | | .373** | -.244** | -.003 | -.009 | -.018 | .039 | -.068* | -.036 | -.041 | -.207** |
| | p | *** | *** | | .000 | .000 | .924 | .756 | .540 | .180 | .020 | .215 | .159 | .000 |
| | N | *** | *** | | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 |
| % of School Mobility | r | *** | *** | .364** | | -.509** | .261** | .235** | .059* | .148** | -.258** | .094** | -.018 | -.535** |
| | p | *** | *** | .000 | | .000 | .000 | .046 | .000 | .000 | .001 | .531 | .000 | |
| | N | *** | *** | 1214 | | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 |
| Average Class Size, Core | r | *** | *** | -.233** | -.509** | | -.330** | -.304** | -.153** | -.210** | .214** | .001 | -.120** | .283** |
| | p | *** | *** | .000 | .000 | | .000 | .000 | .000 | .000 | .000 | .963 | .000 | .000 |
| | N | *** | *** | 1214 | 1214 | | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 |
| % of Grade 2 Enrollment | r | *** | *** | -.003 | .275** | -.333** | | .890** | .354** | .249** | -.103** | -.053 | -.035 | -.057 |
| | p | *** | *** | .921 | .000 | .000 | | 0.000 | .000 | .000 | .000 | .072 | .235 | .051 |
| | N | *** | *** | 1214 | 1214 | 1214 | | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 |
| % of Grades 3-5 Enrollment | r | *** | *** | -.009 | .250** | -.309** | .896** | | .421** | .288** | -.050 | -.071* | -.037 | -.029 |
| | p | *** | *** | .757 | .000 | .000 | .000 | | .000 | .000 | .089 | .016 | .203 | .321 |
| | N | *** | *** | 1214 | 1214 | 1214 | 1214 | | 1157 | 1157 | 1157 | 1157 | 1157 | 1157 |
| % of Grade 6 Enrollment | r | *** | *** | -.018 | .071* | -.148** | .352** | .415** | | .633** | .010 | -.091** | -.051 | .020 |
| | p | *** | *** | .538 | .014 | .000 | .000 | .000 | | .000 | .735 | .002 | .086 | .496 |
| | N | *** | *** | 1214 | 1214 | 1214 | 1214 | 1214 | | 1157 | 1157 | 1157 | 1157 | 1157 |
| % of Grades 7-8 Enrollment | r | *** | *** | .039 | .159** | -.210** | .258** | .295** | .644** | | .037 | -.144** | -.045 | .071* |
| | p | *** | *** | .170 | .000 | .000 | .000 | .000 | .000 | | .208 | .000 | .124 | .016 |
| | N | *** | *** | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | | 1157 | 1157 | 1157 | 1157 |
| % of Students in GATE | r | *** | *** | -.068* | -.266** | .215** | -.103** | -.053 | -.001 | .028 | | -.089** | -.065* | .404** |
| | p | *** | *** | .017 | .000 | .000 | .065 | .980 | .329 | | | .002 | .028 | .000 |
| | N | *** | *** | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | | 1157 | 1157 | 1157 | 1157 |
| % of Students with Disabilities | r | *** | *** | -.035 | .104** | -.014 | -.059* | -.075** | -.088** | -.142** | -.102** | | -.075* | -.465** |
| | p | *** | *** | .227 | .000 | .623 | .041 | .009 | .002 | .000 | .000 | | .011 | .000 |
| | N | *** | *** | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | | 1157 | 1157 |
| % of Students in MEP | r | *** | *** | -.039 | -.016 | -.122** | -.034 | -.037 | -.050 | -.043 | -.068* | -.069* | | -.225** |
| | p | *** | *** | .174 | .568 | .000 | .232 | .203 | .084 | .131 | .017 | .017 | | .000 |
| | N | *** | *** | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | | 1157 |
| School Characteristic Index | r | *** | *** | -.199** | -.537** | .285** | -.056 | -.030 | .012 | .062* | .418** | -.471** | -.219** | |
| | p | *** | *** | .000 | .000 | .000 | .053 | .304 | .670 | .031 | .000 | .000 | .000 | |
| | N | *** | *** | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | 1214 | |

* Correlation is significant at the 0.05 level (2-tailed).
 ** Correlation is significant at the 0.01 level (2-tailed).
 *** Teacher Credential data are not available for 2011.

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).