

Feasibility study: Expanding enrollment at Sacramento City Unified School District's Arthur A. Benjamin Health Professions High School to include grades 7-8

Appendix B: Grades 7-12 Model Student Outcomes - Data & Analysis

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Section 1. Sacramento City Unified School District (SCUSD) - High School Performance Comparison

Table 1. SCUSD High School Performance
3-Year Weighted Average of Most Recent Data

School	Charter Status	Grades Served	Total Students ('9-12)	Similar Rank ('10-13)	State Rank ('10-13)	API ('11-13)	ELA % Proficient ('12-14)	Math % Proficient ('12-14)	Graduate Rate ('12-14)	Rate of Grads Meeting UC/CSU Reqmt ('13-15)	Truancy Rate ('13-15)
Arthur A. Benjamin Health Professions High (HPHS)	Non-charter	9-12	264	4	3	687	46%	39%	90%	40%	46%
School of Engineering & Sciences (SES)	Non-charter	7-12	237	6	6	777	42%	33%	NA	40%	25%
C. K. McClatchy High	Non-charter	9-12	2,267	3	6	762	55%	50%	89%	50%	34%
Hiram W. Johnson High	Non-charter	9-12	1,475	8	3	690	29%	36%	78%	22%	45%
John F. Kennedy High	Non-charter	9-12	2,095	5	5	756	56%	52%	90%	46%	35%
Luther Burbank High	Non-charter	9-12	1,702	7	2	674	37%	40%	88%	49%	55%
Rosemont High	Non-charter	9-12	1,388	7	4	733	46%	46%	89%	34%	42%
West Campus	Non-charter	9-12	858	10	10	904	92%	89%	99%	81%	12%
George Washington Carver School of Arts and Science	Charter	9-12	294	6	6	774	66%	50%	42%	19%	22%
New Technology High	Charter	9-12	286	6	3	716	42%	40%	30%	87%	41%
Sacramento Charter High	Charter	9-12	928	10	7	784	50%	44%	91%	96%	26%
The MET	Charter	9-12	310	1	3	706	49%	37%	88%	31%	2%

Description of Data:

The following descriptions of performance indicators are relevant to the indicator throughout this document.

- *School*: Includes all public schools serving grades 7-12 or 9-12 in Sacramento City Unified School District (SCUSD).
- *Charter Status*: Denotes status of school as either non-charter or charter. (Data source: pubschls)
- *Grades Served*: Represents grade span served, lowest and highest grade of student enrollment. (Data source: pubschls)
- *Total HS Students ('13-15)*: Total number of enrolled students from grades 9-12, averaged for school years 2012-13, 2013-14, and 2014-15. (Data source: filesenrl)
- *Similar Rank ('10-13) & Statewide Rank ('10-13)*: Schools are ranked in ten categories of equal size, called deciles, from 10 (highest) to 1 (lowest) on performance on API test (see below explanation for 'API ('11-13)'). Statewide rank compares API to APIs of all other schools statewide of same type (elementary, middle, or high school). Similar schools rank compares API to APIs of 100 other schools of same type that have similar opportunities and challenges.

Data presented is weighted averaged from API results of years 2009-10, 2010-11, and 2012-13 (no data for 2011-12), weighted by total enrollment. Schools are no longer taking the API exam nor being ranked, so more recent data is not available. (Data source: api) [For further reference, see: <https://www.ed-data.k12.ca.us/Pages/UnderstandingTheAPI.aspx>]

- *API ('11-'13)*: Academic Performance Index (API) measures academic performance and growth of schools on a variety of academic measures. Established by Public Schools Accountability Act (PSAA), landmark state law passed in 1999 that created new academic accountability system for kindergarten through grade twelve public education in CA. API is a single number from 200 to 1000; state has set 800 as API target for all schools to meet. API is calculated by converting a student's performance on statewide assessments across multiple content areas into points on the API scale. The following tests are included in assessment:
 - California Standards Tests (CSTs) - grades 2-11
 - California Modified Assessment (CMA) - grades 3-11
 - California Alternative Performance Assessment (CAPA) - grades 2-11
 - California High School Exit Examination (CAHSEE) - grade 10 (11, 12 if not passed first)

The value reported is the 3-year weighted average score for the school, for results in 2011, 2012, and 2013. California is currently revising their tests so no API results were reported for 2014 or 2015. (Data source: API3yr_14)

- *ELA % Proficient & Math % Proficient*: Results from Adequate Yearly Progress (AYP report). AYP is a statewide accountability system mandated by the No Child Left Behind Act of 2001 to ensure that all schools and districts make Adequate Yearly

Progress. The test includes the English language arts/Literacy (ELA) component and mathematics. The AYP report reflects school's performance on following tests, which are part of CA's 2013-14 statewide testing administration:

- Standardized Testing and Reporting (STAR) Program (grades 2-11) - Students take tests in math, reading, writing, science, and history. The program includes four tests: the California Standards Tests, the California Modified Assessment, the California Alternate Performance Assessment, and the Standards-based Tests in Spanish. The STAR program ended on July 1, 2013, replaced by California Assessment of Student Performance and Progress (CAASPP) System.
- California High School Exit Examination (CAHSEE) in ELA and mathematics (grade 10) - Passing score for math is approximately 55% of items correct or scale score of 350; for ELA passing score is approximately 60% of items correct or scale score of 350. [<http://www.cde.ca.gov/ta/tg/hs/cefcahsee.asp>]
- California Alternate Performance Assessment (CAPA) in ELA and mathematics (grade 10) - included to meet requirements of Individuals with Disabilities Education Act (IDEA) and the Elementary and Secondary Education Act (ESEA), demonstrate that all students are included in statewide assessment and accountability system. CAPA is alternate assessment for students that cannot take part in general statewide assessment programs. <http://www.cde.ca.gov/ta/ac/ay/cefayp.asp>

Column values represent the weighted average value of the percentage of students that were deemed proficient or passing in the ELA and math portions of the CAHSEE from the school year results of 2011-12, 2012-13, and 2013-14, weighted by the number of students taking the tests. (Data source: AYP)

- *Total Graduates ('13-15):* Average number of twelfth grade graduates for the 2012-13, 2013-14, and 2014-15 school years. This data includes summer graduates and does not include students with high school equivalencies (i.e., General Educational Development (GED) test or California High School Proficiency Examination (CHSPE). (Data source: filesgrads)
- *Graduate Rate ('12-14):* Weighted average graduation rates for the classes of 2011-12, 2012-13, and 2013-14 as reported in AYP, weighted by number of 12th grade students. No data listed for School of Engineering & Sciences. (Data source: AYP)
- *% of Grads meeting UC/CSU Rqmts ('13-15):* Weighted average rate of twelfth-grade graduates for 2014-2015 school year who also completed all courses required for entry into the University of California (UC) and/or California State University (CSU) with a grade "C" or better for the school years of 2012-13, 2013-14, and 2014-15. Data is weighted by number of graduates. This data includes summer graduates and does not include students with high school equivalencies (i.e., GED or CHSPE). (Data source: filesgrads)

- *Truancy Rate ('13-15)*: Truancy is defined by the California Department of Education as a student missing more than 30 minutes of instruction without an excuse three times during the school year. The above table includes the average weighted percent of truant students in the school as a whole during the school years of 2012-13, 2013-14, and 2014-15, weighted by total school enrollment. (Data source: Truancy)

Consideration of Middle School Performance Data: Only Graduate Rate ('12-14) and Rate of Grads Meeting UC/CSU Reqmt ('13-15) reflect exclusively high school results. Similar Rank, State Rank, API, ELA % Proficient, Math % Proficient, and Truancy Rate all represent data for the school as a whole; data is not disaggregated by grade. Therefore results for the School of Engineering & Sciences (SES) for these indicators reflect both middle and high school performance. All other schools serve high school grade levels only, thus their test results reflect only high school performance.

Controlling for School Characteristics: In comparing performance, it is important to note that of the indicators presented, only *Similar Rank* attempts to control for the school's demographic characteristics and educational challenges and opportunities. The following indicators are taken into account in determining which 100 schools are used for comparison:

- Pupil mobility
- Pupil ethnicity (eight variables)
- Pupil socioeconomic status (two variables)
- Percentage of teachers who are fully credentialed
- Percentage of teachers who hold emergency credentials
- Percentage of pupils who are English learners (ELs)
- Average class size per grade level
- Whether the school operates a multitrack year-round educational program
- Percentage of grade span enrollments (grades two, three to five, six, seven to eight, and nine to eleven)
- Percentage of students in gifted and talented education program
- Percentage of students with disabilities (SWDs)
- Percentage of reclassified fluent-English-proficient (RFEP) students
- Percentage of migrant education students

Further information on how *Similar Rank* is calculated is here: <http://www.cde.ca.gov/ta/ac/ap/documents/tdgreport0400.pdf>.

**Table 2. SCUSD High School Performance: HPHS, SES, Other Non-Charter High Schools, and Other Charter High Schools
3-Year Weighted Average of Most Recent Data**

School Category	Average Total HS Students ('13-15)	Similar Rank ('10-13)	State Rank ('10-13)	API ('11-13)	ELA % Proficient ('12-14)	Math % Proficient ('12-14)	Graduate Rate ('12-14)	Rate of Grads meeting UC/CSU Reqmts ('13-15)	Truancy Rate ('13-15)
HPHS	264	4	3	687	46%	39%	90%	40%	46%
SES	237	6	6	777	42%	33%	NA	40%	25%
Other Non-charter Schools (6)	1,631	6	5	743	51%	50%	88%	46%	39%
Other Charter Schools (4)	454	7	6	758	51%	43%	73%	69%	23%
District Average (12)	1,009	6	5	745	50%	47%	84%	49%	36%

School Category: HPHS and SES represent Arthur A. Benjamin Health Professions High School and School of Engineering and Sciences respectively. *Other Non-charter Schools*, *Other Charter Schools*, and *District Average* represent weighted averages of schools within each category, for the school years listed in column heading. The number of schools in each category is included in parentheses. All schools included in *Other Non-charter Schools* and *Other Charter Schools* serve grades 9-12 only.

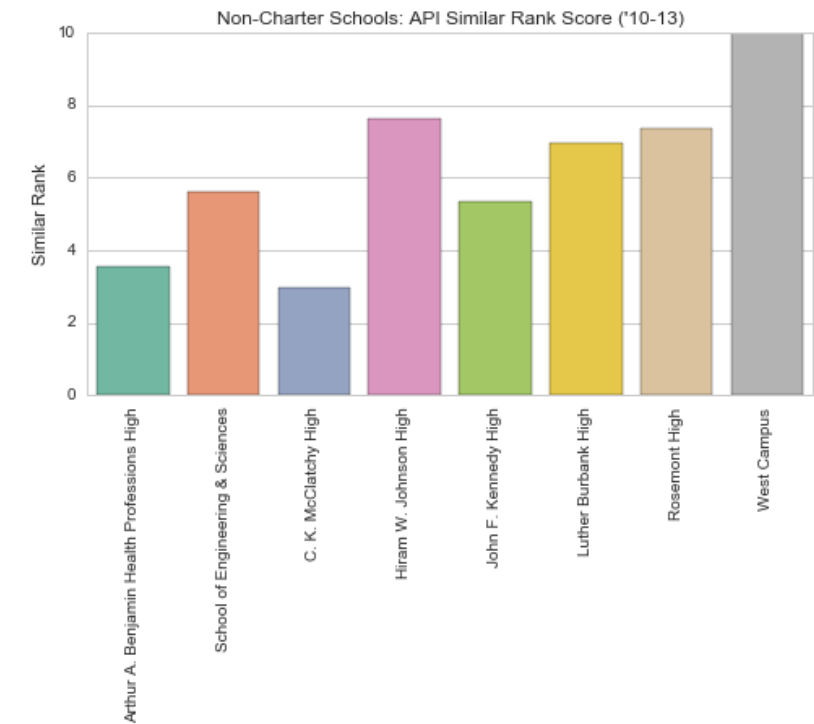
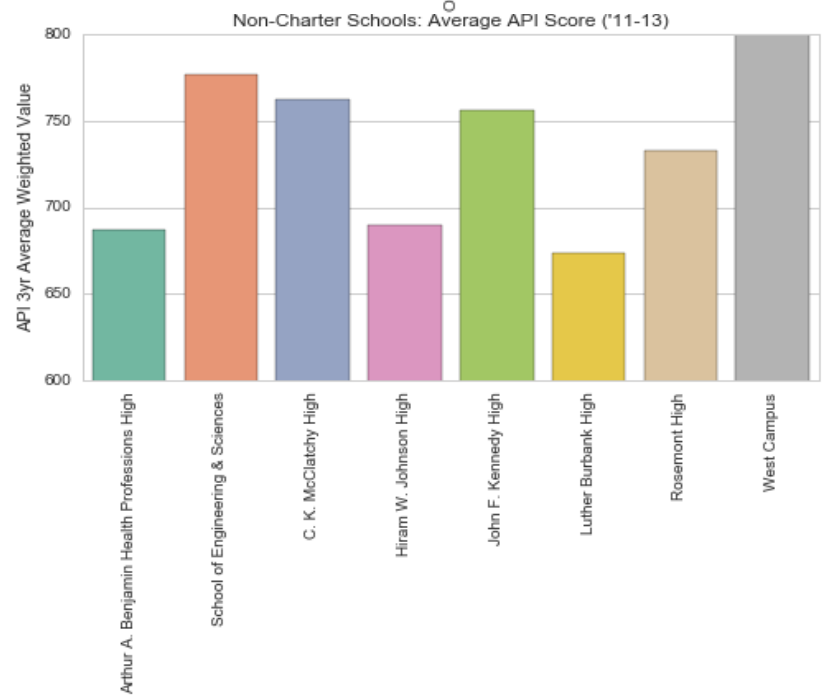
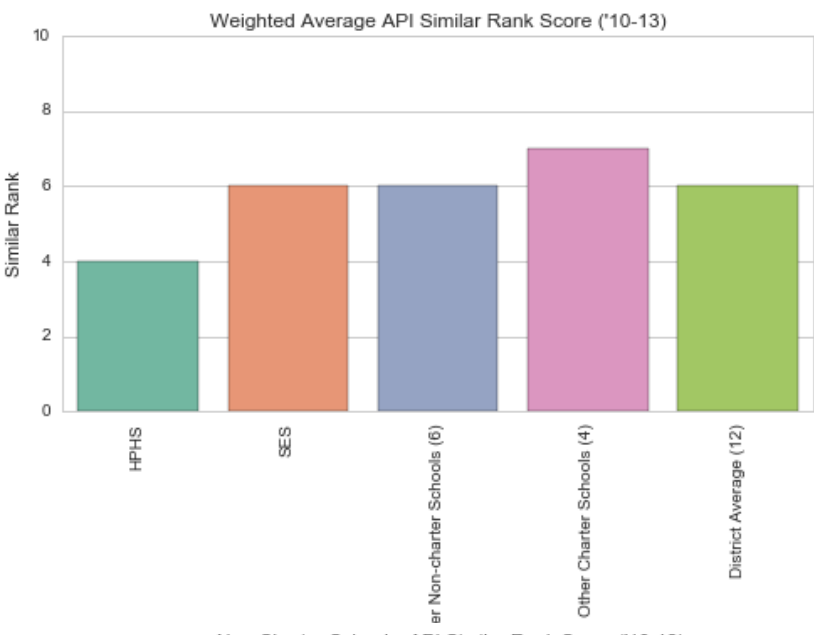
School Years: School year listed refers to the end of each school year. Therefore 'API ('11-13)' refers to API scores for school years 2010-11, 2011-12, 2012-13.

Similar Rank and State Rank Scores: Similar Rank and State Rank scores were available for school years 2009-10, 2010-11, and 2012-13, excluding 2011-12. Thus the scores presented are weighted averages of the three years for which scores were available.

Consideration of Middle School Performance Data: Only Graduate Rate ('12-14) and Rate of Grads Meeting UC/CSU Reqmt ('13-15) reflect exclusively high school results. Similar Rank, State Rank, API, ELA % Proficient, Math % Proficient, and Truancy Rate all represent data for the school as a whole, data is not disaggregated by grade. Therefore results for the School of Engineering & Sciences (SES) for these indicators reflect both middle and high school performance. All other schools serve high school grade levels only, thus their test results reflect only high school performance.

Chart Series 1. SCUSD High School Performance Comparison Charts

The following charts reflect data displayed in Table 1 for non-charter schools only and in Table 2 above.



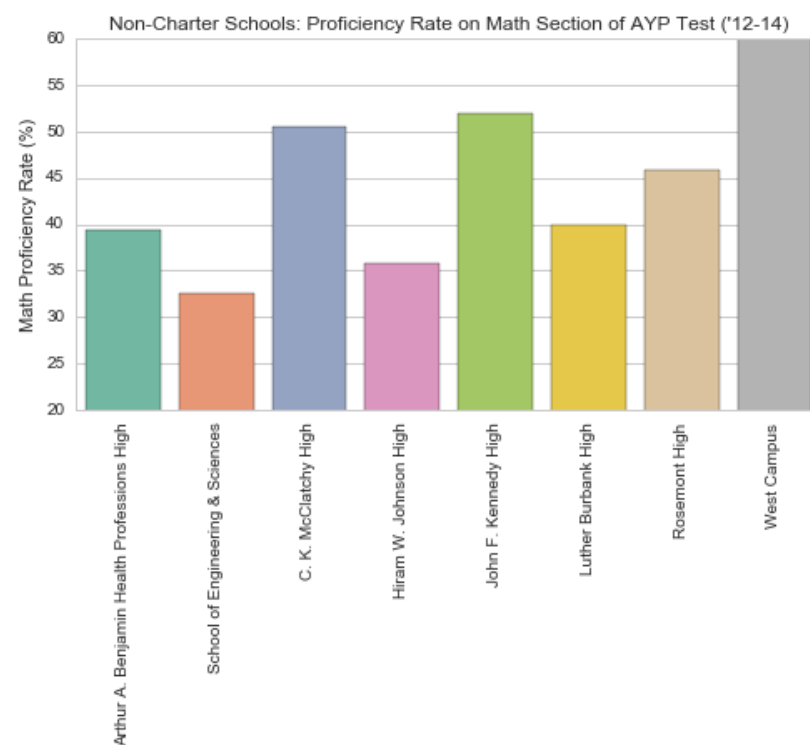
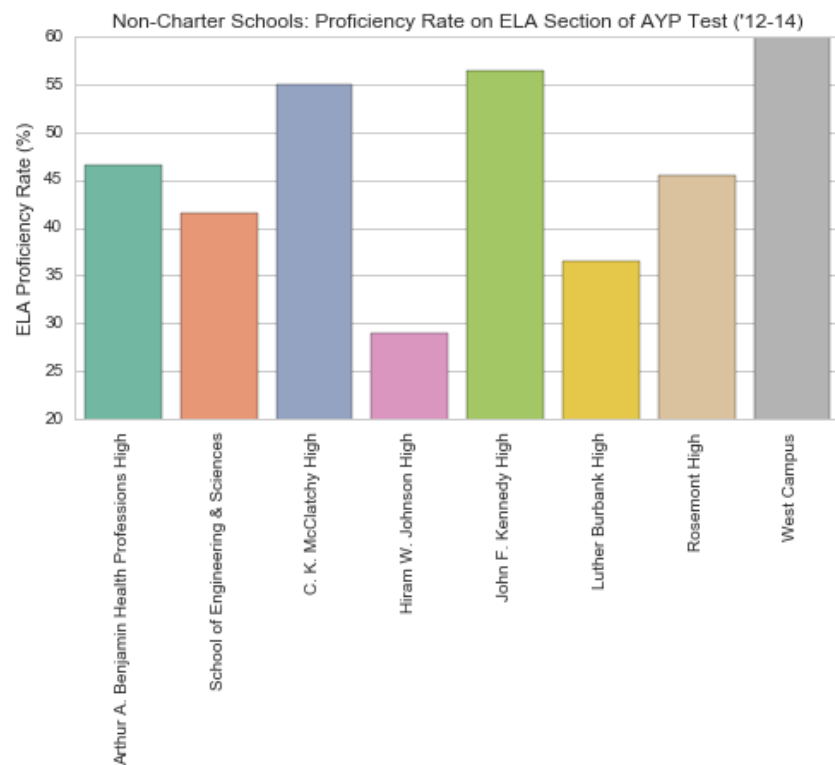
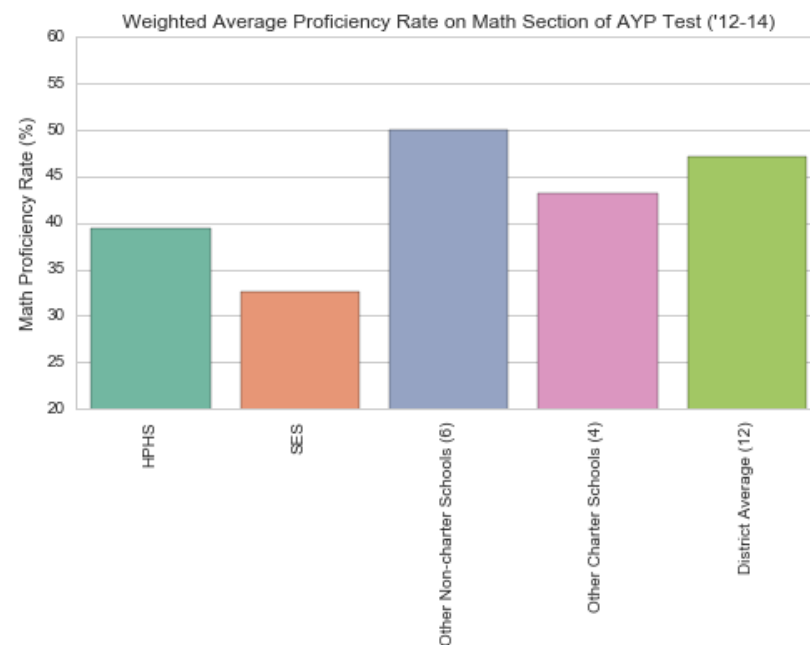
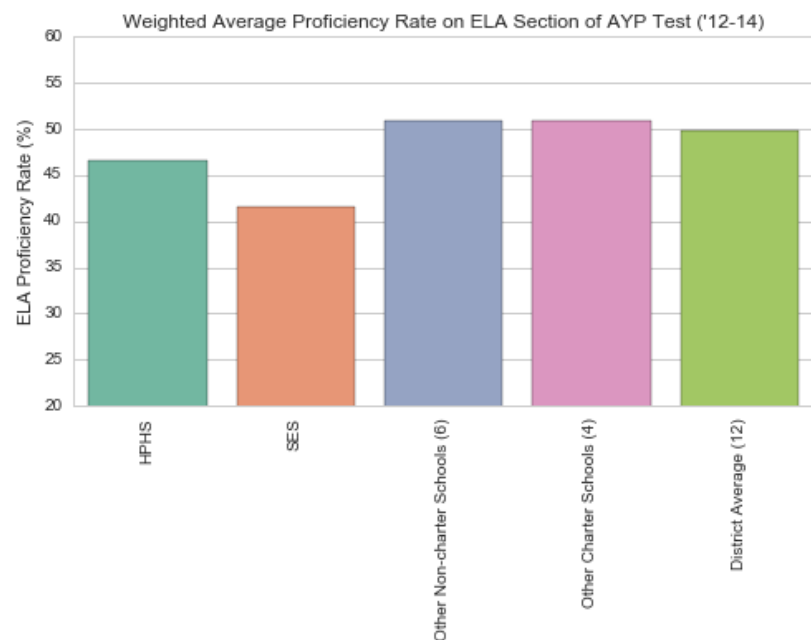
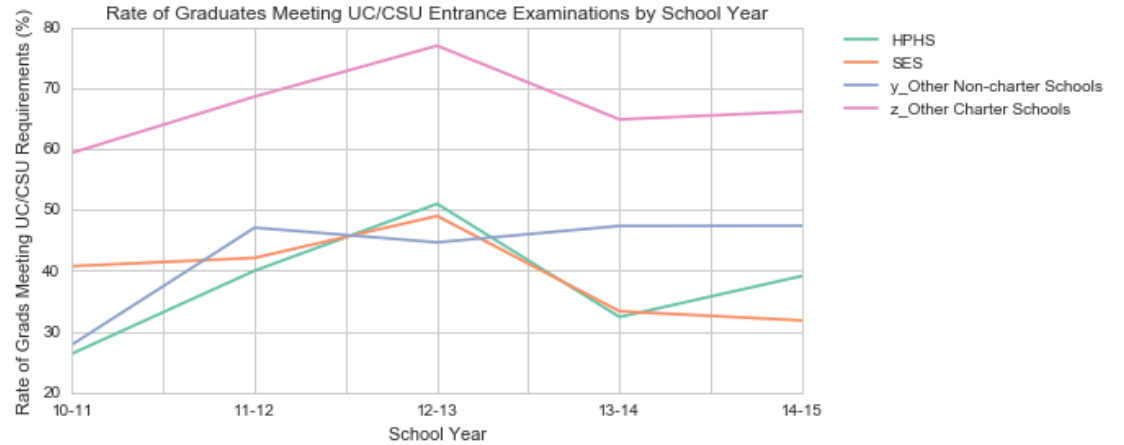
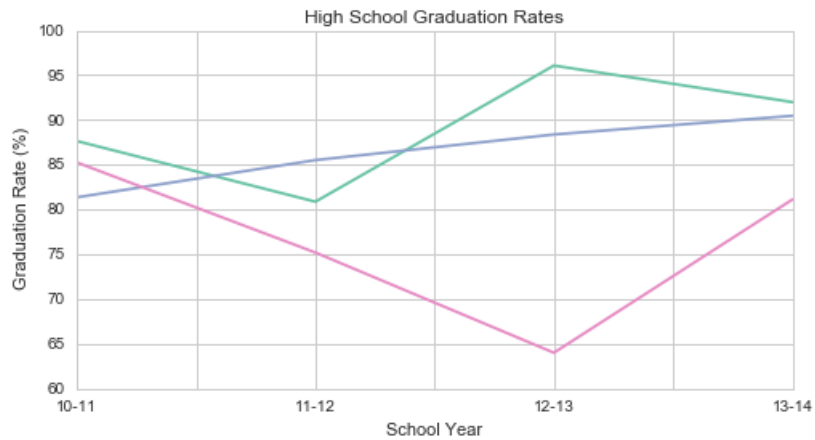
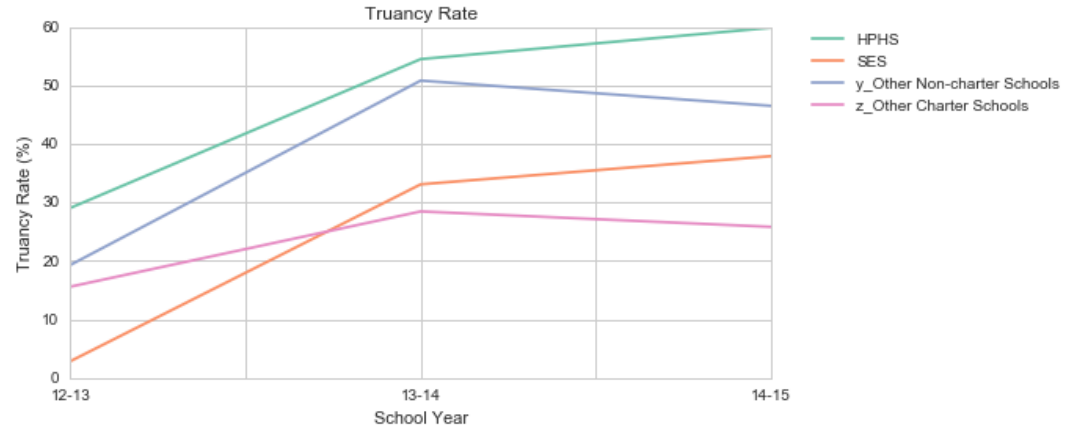
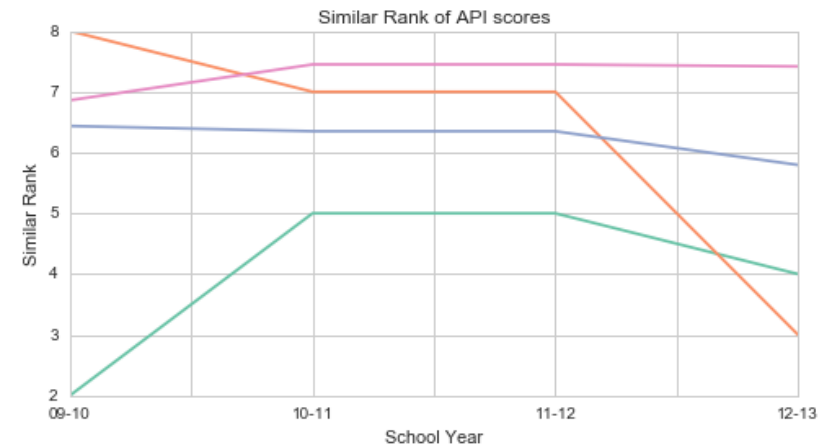
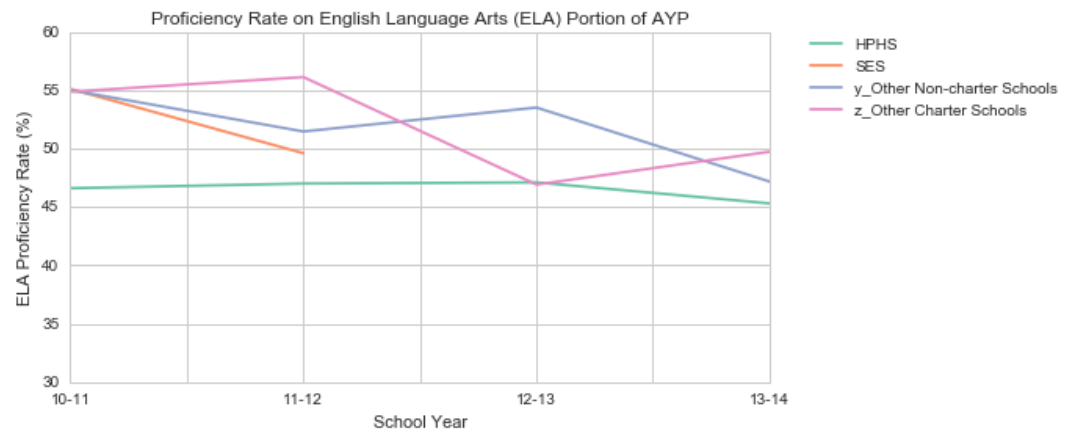
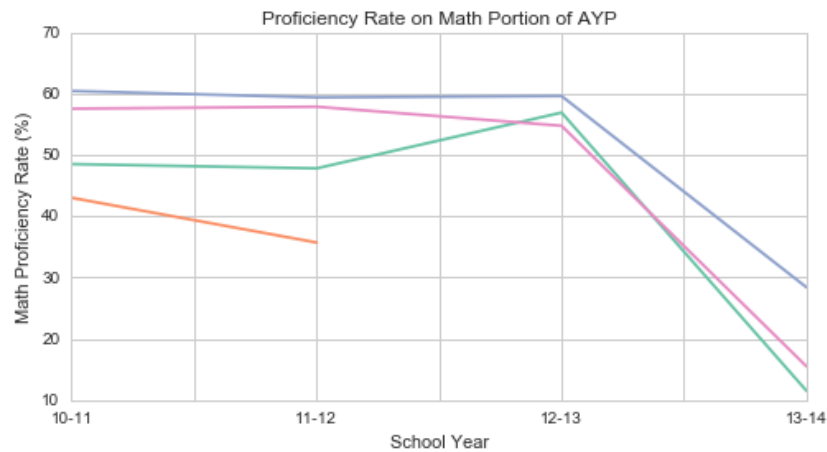


Chart Series 2. SCUSD School Performance over Past 5 years: HPHS, SES, Other Non-Charter High Schools, and Other Charter High Schools





The above charts represent results for specified indicator for all school years in which data was available, from 2009-10 to 2014-15. Data presented for 'Other Non-Charter Schools' and 'Other Charter Schools' represents a weighted average for each school included. If no data was available for a specific school in either group, that school was not included in the calculation.

Similar Rank: As noted above, Similar Rank is only reported for school years '09-10, '10-11, and '12-13. The value included in chart for school year '11-12 is the reported score for school year '10-11.

High School Graduation Rate: School of Engineering & Sciences graduate rate is only reported for school year '10-11, at a rate of 90%.

Section 2. Assessing Linked Learning Schools in California, Indianapolis, Tulsa, and Cincinnati

Research on linked learning schools revealed that school districts in Indianapolis, Indiana; Tulsa, Oklahoma; Cincinnati, Ohio; and throughout California had experimented with the model, i.e. combining high schools and middle schools. The following analysis draws from California, Indiana, Oklahoma, and Ohio state Department of Education datasets to determine the number of public linked learning schools. In California, performance is compared between linked learning schools and high schools. After initial review of the number of linked learning schools in the remaining states and cities, no further performance comparison was conducted.

California

Table 3. California (Statewide): Public Schools by Grade Range and Charter/Non-Charter Type

Charter Status	Total 6-12 Schools	% 6-12 of Total	Total 7-12 Schools	% 7-12 of Total	Total 6/7-12 Schools	% 6/7-12 of Total	Total 9-12 Schools	% 9-12 of Total	Total Schools
Charter	57	20%	47	17%	104	37%	180	63%	284
Non-charter	30	2%	124	9%	154	11%	1,260	89%	1,414
All	87	5%	171	10%	258	15%	1,440	85%	1,698

Total Schools refers to all California public schools serving grade ranges of 6-12, 7-12, and/or 9-12. *All* refers to all California public schools regardless of charter type serving designated grade range.

Grade ranges represent grades served by the school, i.e. students are enrolled. This differs in some cases from the grade range the school offers.

Percentages represent percent of schools that serve stated grade ranges, not percent of students enrolled in schools.

Table 4. California (Statewide): Performance of Schools by Grade Range Served

Grades Served	Total Schools	Average Total Students	Similar Rank ('10-13)	Graduate Rate ('12-14)	Rate of Grads meeting UC/CSU Reqmts ('13-15)	Truancy Rate ('13-15)
6-12	29	657	3	52%	41%	51%
7-12	119	346	5	56%	37%	32%
9-12	1,254	1297	5	89%	45%	41%

Above table demonstrates most recent 3-year weighted average results for schools in California by grade spans served, including 6-12, 7-12, and 9-12. As demonstrated by comparing the numbers of schools in each category to previous table, a total of 296 schools have been dropped from this analysis due to lack of data. Data is included for active, public, non-charter schools. Outlier analysis was not conducted in determining averages, thus no outliers were removed.

As noted in the previous section, *Similar Rank* is the only indicator that attempts to control for the demographic characteristics and educational challenges and opportunities faced by the schools. Further information on how *Similar Rank* is calculated is available here: <http://www.cde.ca.gov/ta/ac/ap/documents/tdgreport0400.pdf>.

Indianapolis, Indiana

Table 5. Indiana (statewide): Schools by Grade Range and Charter/Non-charter/Private School Type

Type	Total 6-12 Schools	% 6-12 of Total	Total 7-12 Schools	% 7-12 of Total	Total 6/7-12 Schools	% 6/7-12 of Total	Total 9-12 Schools	% 9-12 of Total	Total Schools
Private	5	13%	9	23%	14	35%	26	65%	40
Public Charter	6	21%	1	3%	7	24%	22	76%	29
Public Non-charter	22	6%	78	22%	100	28%	253	72%	353
All	33	8%	88	21%	121	29%	301	71%	422

Above table demonstrates the number of schools in Indiana in 2015 of type Private, Public Charter, and Public Non-charter by grade span served, i.e. 6-12, 7-12, 6/7-12 (sum of 6-12 and 7-12), and 9-12. *All* represents all schools serving grades 6-12, 7-12, or 9-12 in the state of Indiana in 2015.

Table 6. Indianapolis: Schools by Grade Range and Charter/Non-charter/Private School Type

Type	Total 6-12 Schools	% 6-12 of Total	Total 7-12 Schools	% 7-12 of Total	Total 6/7-12 Schools	% 6/7-12 of Total	Total 9-12 Schools	% 9-12 of Total	Total Schools
Private	1	9%	1	9%	2	18%	9	82%	11
Public Charter	5	29%	0	0%	5	29%	12	71%	17
Public Non-charter	0	0%	1	5%	1	5%	21	96%	22
All	6	12%	2	4%	8	16%	42	84%	50

Above table demonstrates the number of schools by type serving each grade span for the city of Indianapolis in 2015.

The school district (or corporation, as it is known in Indiana) of 'Indianapolis Public Schools' contained zero 6 or 7 to 12 grade schools; eleven 9-12 schools; and one KG-12 school. All other school districts/corporations with 'Indianapolis' in the name were charter schools, which have their own district/corporation. Therefore, schools within the city of Indianapolis instead of the district were used to create this subset of the Indiana state data.

Tulsa, Oklahoma

Table 7. Oklahoma (Statewide): Public Schools by Grade Range and Charter/Non-Charter Type

Type	Total 6-12 Schools	% 6-12 of Total	Total 7-12 Schools	% 7-12 of Total	Total 6/7-12 Schools	% 6/7-12 of Total	Total 9-12 Schools	% 9-12 of Total	Total Schools
Charter	1	20%	0	0%	1	20%	4	80%	5
Non-charter	1	0%	0	0%	1	0%	435	100%	436
All	2	1%	0	0%	2	1%	439	100%	441

Above table demonstrates the number of public schools in Oklahoma of type Charter and Non-charter by grade span served, i.e. 6-12, 7-12, 6/7-12 (sum of 6-12 and 7-12), and 9-12. 'All' represents all schools serving grades 6-12, 7-12, or 9-12 in the state of Oklahoma.

There are only two public schools in the state that serve grades 6 or 7 to 12.

Table 8. Tulsa: Public Schools by Grade Range and Charter/Non-Charter Type

Type	Total 6-12 Schools	% 6-12 of Total	Total 7-12 Schools	% 7-12 of Total	Total 6/7-12 Schools	% 6/7-12 of Total	Total 9-12 Schools	% 9-12 of Total	Total Schools
Charter	1	100%	0	0%	1	100%	0	0%	1
Non-charter	0	0%	0	0%	0	0%	13	100%	13
All	1	7%	0	0%	1	7%	13	93%	14

Above table demonstrates the number of public schools in the city of Tulsa, Oklahoma of type Charter and Non-charter by grade span served. One of the two schools in Oklahoma serving grades 6/7-12 is in Tulsa, but it is a charter school. The other school is a public school in Oklahoma City.

Cincinnati, Ohio

Table 9. Ohio (Statewide): Public Non-Charter Schools by Grade Range

Type	Total 6-12 Schools	% 6-12 of Total	Total 7-12 Schools	% 7-12 of Total	Total 6/7-12 Schools	% 6/7-12 of Total	Total 9-12 Schools	% 9-12 of Total	Total Schools
Public School	28	4%	112	16%	140	20%	549	80%	689

Above table demonstrates the number of non-charter public schools in Ohio that serve grades 6-12, 7-12, 6/7-12 (sum of 6-12 and 7-12), and 9-12 schools. The charter schools (known as Community Schools in Ohio) do not have grade levels listed. Therefore tables for Ohio only include distribution of public schools by grade levels.

Table 10. Cincinnati: Public Non-Charter Schools by Grade Range

Type	Total 6-12 Schools	% 6-12 of Total	Total 7-12 Schools	% 7-12 of Total	Total 6/7-12 Schools	% 6/7-12 of Total	Total 9-12 Schools	% 9-12 of Total	Total Schools
Public School	0	0%	13	48%	13	48%	14	52%	27

Above table demonstrates the number of non-charter public schools in Cincinnati that serve grade spans listed. As demonstrated, nearly half of the non-charter public schools in Cincinnati serving high school students are schools that grade 7-12 (13 out of 27).

Section 3: Assessing Performance at C.K. McClatchy High School by Elementary School

In assessing the pathways that HPHS students take through elementary and middle schools in SCUSD, we found that the most popular elementary school for HPHS students was Leataata Floyd Elementary School (formerly known as Jedediah Smith). Thus the performance of Leataata Floyd graduates is interesting for the purposes of this study.

In reviewing cohorts of 6th grade students from Leataata Floyd in 2011-2012 and 2012-13, Floyd students were most likely to attend C.K. McClatchy High School. Therefore, the following tables present performance at C.K. McClatchy for students who went to Leataata Floyd, students who went to other elementary schools, and the 9th grade class as a whole. The indicator used for performance is 9th grade GPA as it is the only variable for which SCUSD provided student level data, enabling assessment by cohort.

Table 11. C.K. McClatchy High School Weighted Average 9th Grade GPA (2014-15 and 2015-16 School Years) by Elementary School Attended

Elementary School	Students	Mean GPA	Median GPA
Leataata Floyd*	12	1.96	1.96
Other Elementary	504	2.58	2.73
All	516	2.56	2.69

This table presents weighted average mean and median GPA for C.K. McClatchy 9th grade students for school years 2014-15 and 2015-16, weighted by number of students in each cohort in the school year. Results are presented for cohorts of students who (a) went to Leataata Floyd for 6th grade, (b) did not go to Leataata Floyd for 6th grade, and (c) all C.K. McClatchy students. The median GPA values are presented as well, which value is less susceptible to being skewed by high or low values. TAs the results for mean and median GPA are quite similar, it does not appear that outlier students with high or low GPAs are having a very large effect on the cohort averages.

Results of an independent t-test demonstrate that the mean GPA for Leataata Floyd graduates was significantly lower than the GPA of graduates of other elementary schools (t-statistic = -2.92, p = 0.004).

*Leataata Floyd** includes Leataata Floyd 6th grade students in 2012-13 and Jedediah Smith (former name) 6th grade students in 2011-12.

Table 11. C.K. McClatchy High School Weighted Average 9th Grade Attendance Rates (2014-15 and 2015-16 School Years) by Elementary School Attended

Elementary School	Students	Mean Attendance Rate	Median Attendance Rate
Leataata Floyd*	14	0.93	0.95
Other Elementary	512	0.94	0.97
All	526	0.94	0.97

This table presents the weighted average mean and median attendance rate for C.K. McClatchy 9th grade students for school years 2014-15 and 2015-16, weighted by number of students in each cohort in the school year. Results are presented for cohorts of students who (a) went to Leataata Floyd for 6th grade, (b) did not go to Leataata Floyd for 6th grade, and (c) all C.K. McClatchy students. The median attendance rates are presented as well, which is less susceptible to being skewed by high or low values.

Results of an independent t-test demonstrate that the mean attendance rates for Leataata Floyd graduates vs. graduates of other elementary schools are not significantly different (t-statistic = -1.44, p = 0.15).

Leataata Floyd* includes Leataata Floyd 6th grade students in 2012-13 and Jedediah Smith (former name) 6th grade students in 2011-12.

Data Sources

All data is publicly available from relevant state Department of Education websites, details on datasets below.

Data used for Section 3 was provided by Sacramento City Unified School District (SCUSD). This data included student level attendance records tracked by a unique identifier number denoting school name, grade, attendance for grades 6th through 9th, and GPA for 8th grade for school years from 2011-12 through 2015-16. The dataset was not comprehensive for all students, it is expected to be representative of students at each school and of general pathways taken through SCUSD.

California

The California State Department of Education website is: <http://www.cde.ca.gov>. Datasets used are specified below, with link to location on CDE website.

- *Public Schools*: contains all public schools in state, CDS code, grades served. Year: 2016, updated daily.
Source: <http://www.cde.ca.gov/ds/si/ds/pubschls.asp>
- *Enrollment*: enrollment by grade, disaggregated by ethnicity and gender. Years: 2011/12, 2012/13, 2013/14, 2014/15.
Source: <http://www.cde.ca.gov/ds/sd/sd/filesenr.asp>
- *API*: School results on API (more details below table), test discontinued after 2014. Years: 3yr weighted average 2011-14, 2011, 2012, 2013. Source: <http://www.cde.ca.gov/ta/ac/ap/apidatafiles.asp#updates>
- *AYP*: School results on AYP - % ELA and Math proficient, graduation rates, reporting discontinued after 2015. Years: 2012, 2013, 2014, 2015. Source: <http://www.cde.ca.gov/ta/ac/ay/aypdatafiles.asp> [Note: attendance rate is reported under AYP but only for K-8 grades; can be used to compare middle school performance.]
- *Graduates*: Number of graduates from 12th grade, number of graduates meeting UC/CSU standards. Use for graduation rates when comparing enrollment for same year. Years: 2010/11, 2011/12, 2012/13, 2013/14, 2014/15.
Source: <http://www.cde.ca.gov/ds/sd/sd/filesgrads.asp>
- *Truancy*: Number of truants per school and rates of truancy by cumulative enrollment, not separated by grade. Years: 2012/13, 2013/14, 2014/15. Source: <http://www.cde.ca.gov/ds/sd/sd/filestd.asp>

Indiana

The Indiana State Department of Education website is: <http://www.doe.in.gov/accountability/find-school-and-corporation-data-reports>.

- *School Directory* dataset includes unique code for school and grades offered for all public and private schools in state. CORP for corporation is used in place of District. From link above, file is under General School Information -> 2015-16 Indiana School Directory
- Updated March 2016.

Oklahoma

The Oklahoma State Department of Education website is <http://sde.ok.gov/sde/state-school-directory>.

- *Oklahoma Public School SITE Directory* dataset includes unique code for school, grades offered, and code designating charter status of school.

Ohio

The Ohio State Department of Education website is <http://education.ohio.gov/Topics/Data/Ohio-Educational-Directory-System-OEDS/Ohio-Educational-Directory-Data>.

- *Public School contact information* dataset includes unique code for school and grades offered.
- *Community School contact information* dataset is for charter schools (known as Community Schools in Ohio), however no grade range is included so only non-charter schools are included in analysis.