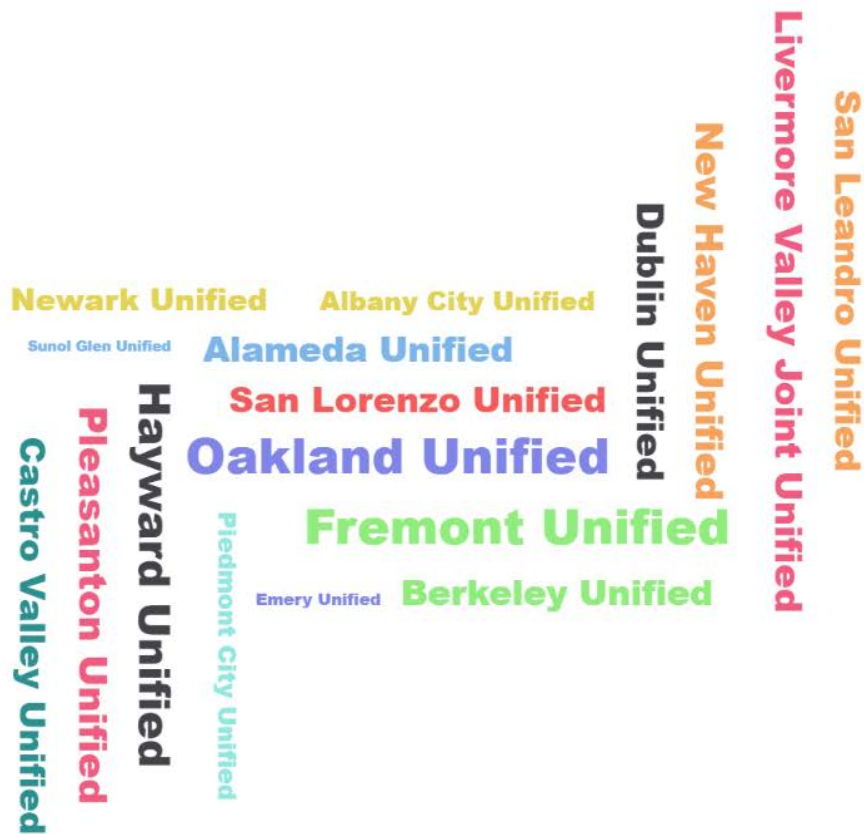


Alameda County

Data Analysis of K-12 Education



Compiled by Cary Knoop – caryknoop@gmail.com

Parent of two children attending the Newark Unified School District

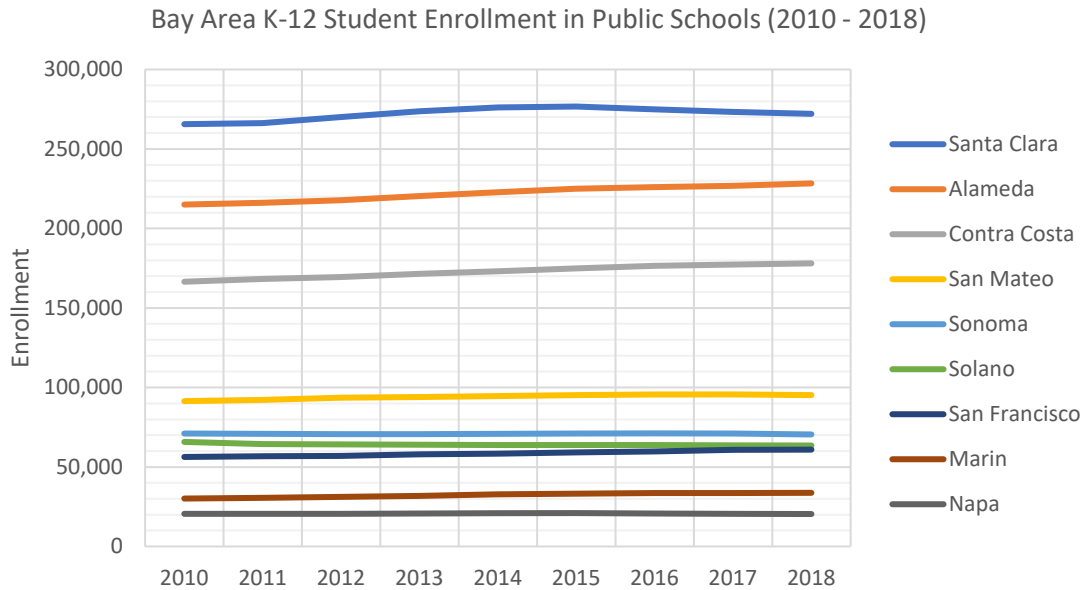
Document Version 4.3

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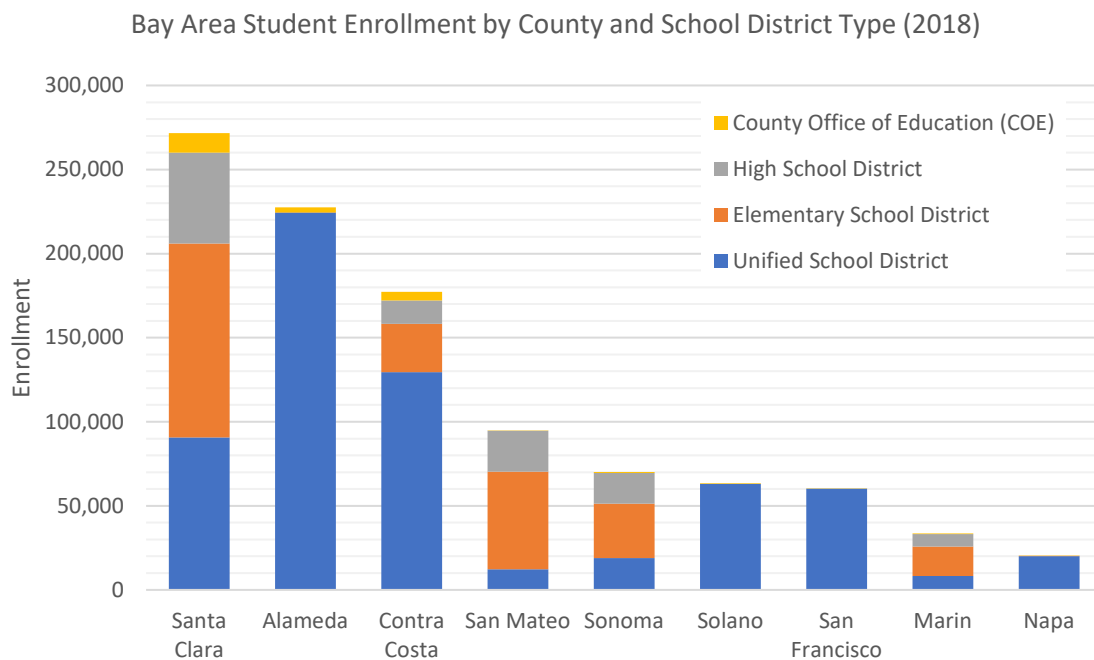
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Student Enrollment

Public Schools



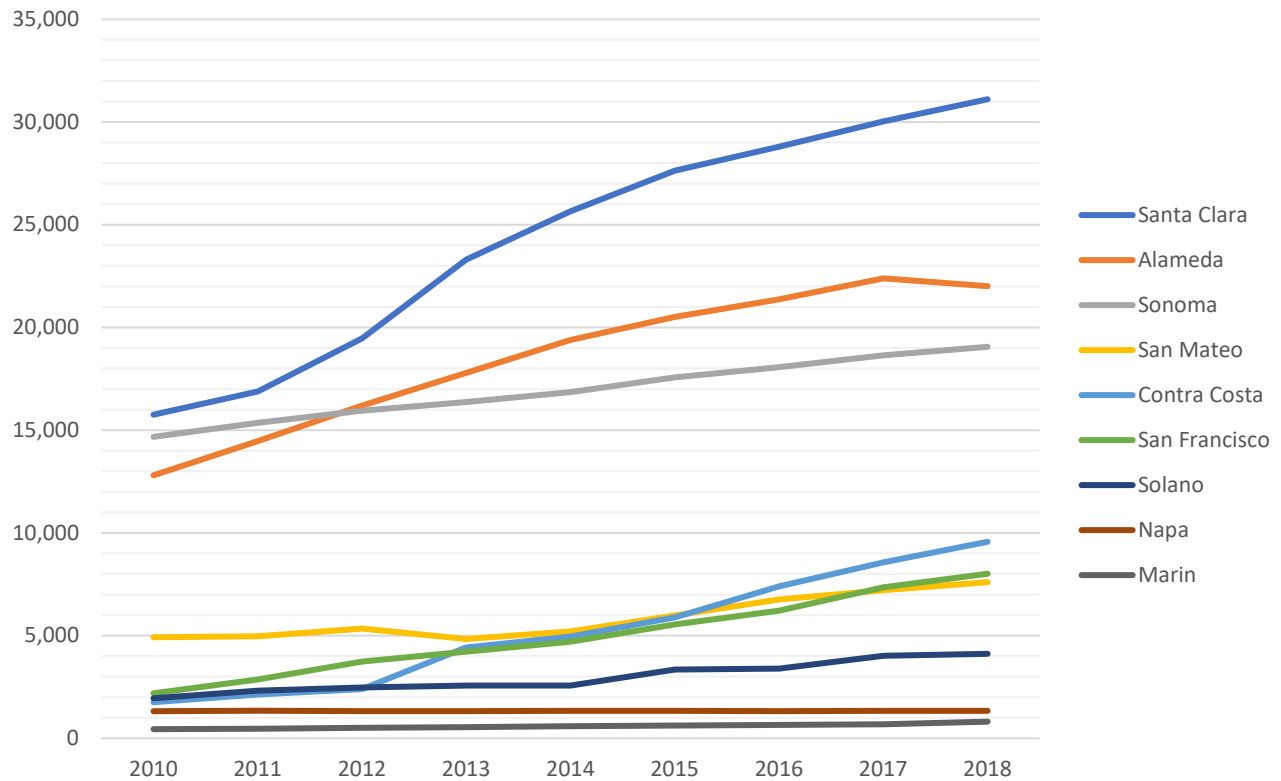
Schools are usually organized under a District. The typical district grade configurations in California are Elementary (K–8), High (9–12), and Unified (K–12), but there are some K–6 Elementary Districts and a handful of 7–12 High School Districts. Districts sometimes merge or consolidate, and the number of Districts can change annually. In addition, there are other smaller school types. Some schools are under supervision of the County Office of Education, some are special schools for the deaf and blind students, and some are non-public schools for students with special needs.



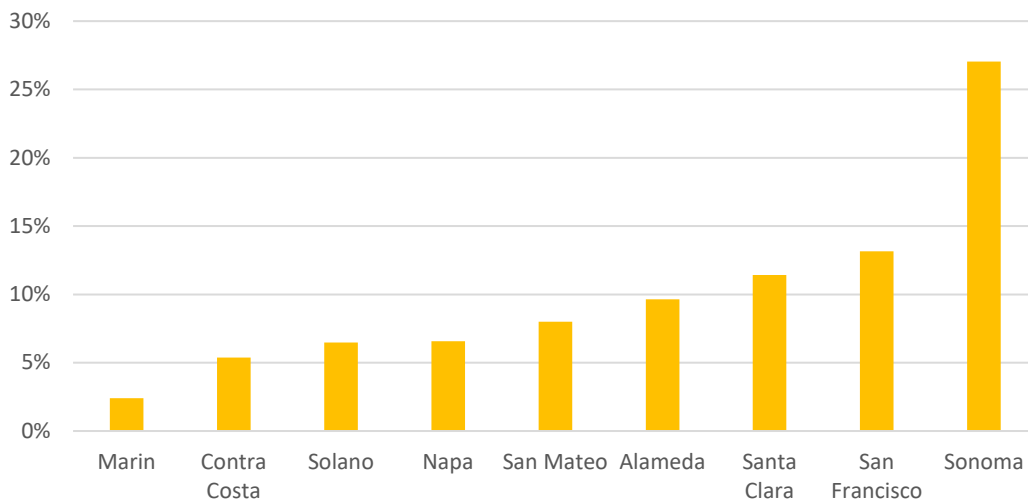
Charter Schools

Charter schools are public schools that may provide instruction in any of grades K-12 that are created or organized by a group of teachers, parents, community leaders or a community-based organization. They can be chartered by a District, the County Office of Education or the State Board of Education.

Bay Area Charter School Enrollment by County (2010 - 2018)

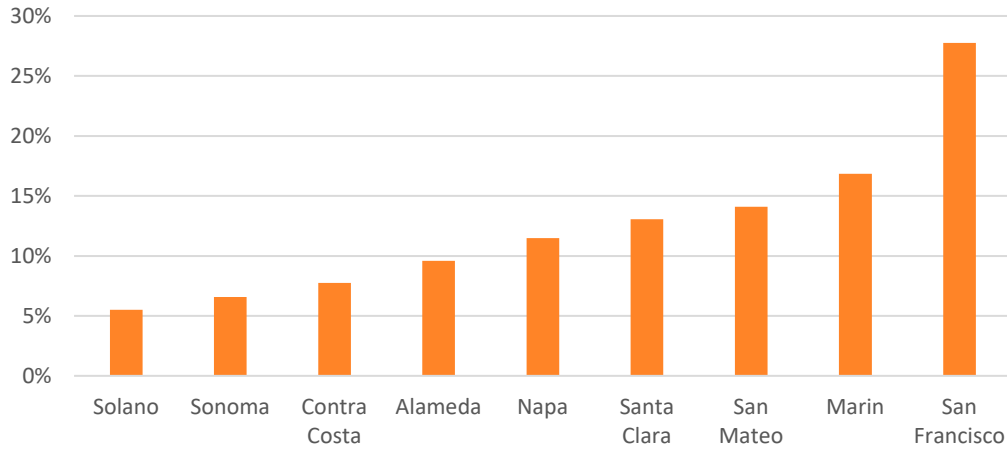


Bay Area Charter School Enrollment as a Percentage of Total Enrollment by County (2018)

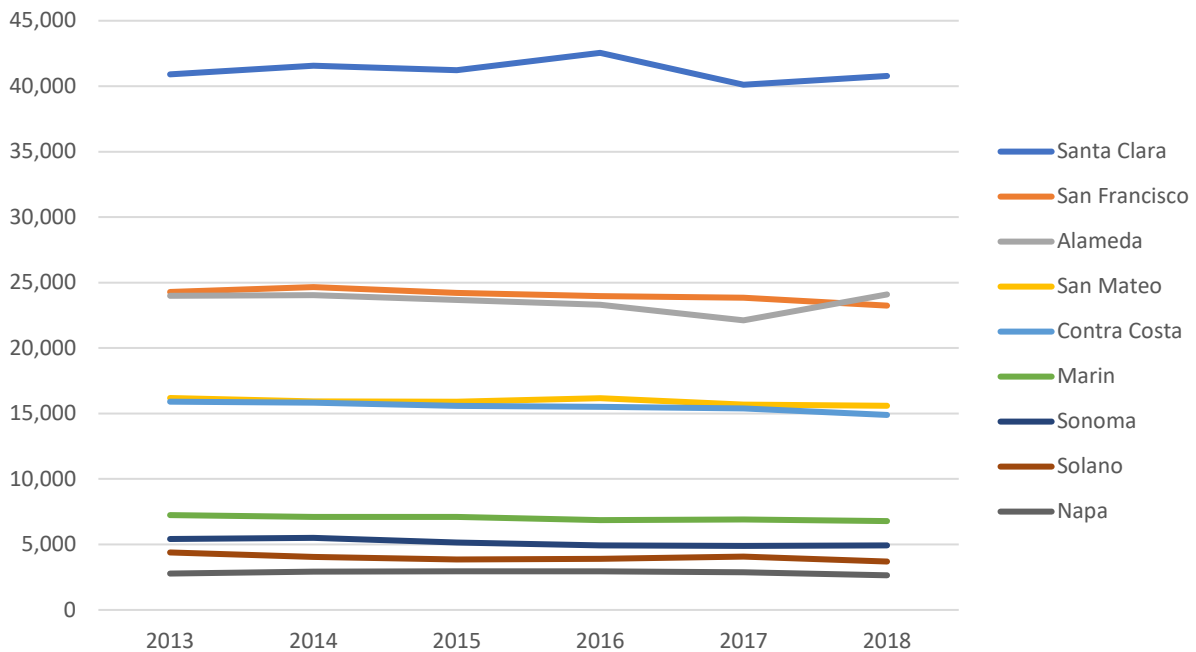


Private Schools

Bay Area Private School Enrollment as a Percentage of Total Private and Public School Enrollment by County (2018)



Bay Area Private School Enrollment by County (2010 - 2018)



Alameda County

Almost all schools in Alameda County are part of a Unified District. There are some notable exceptions in 2018:

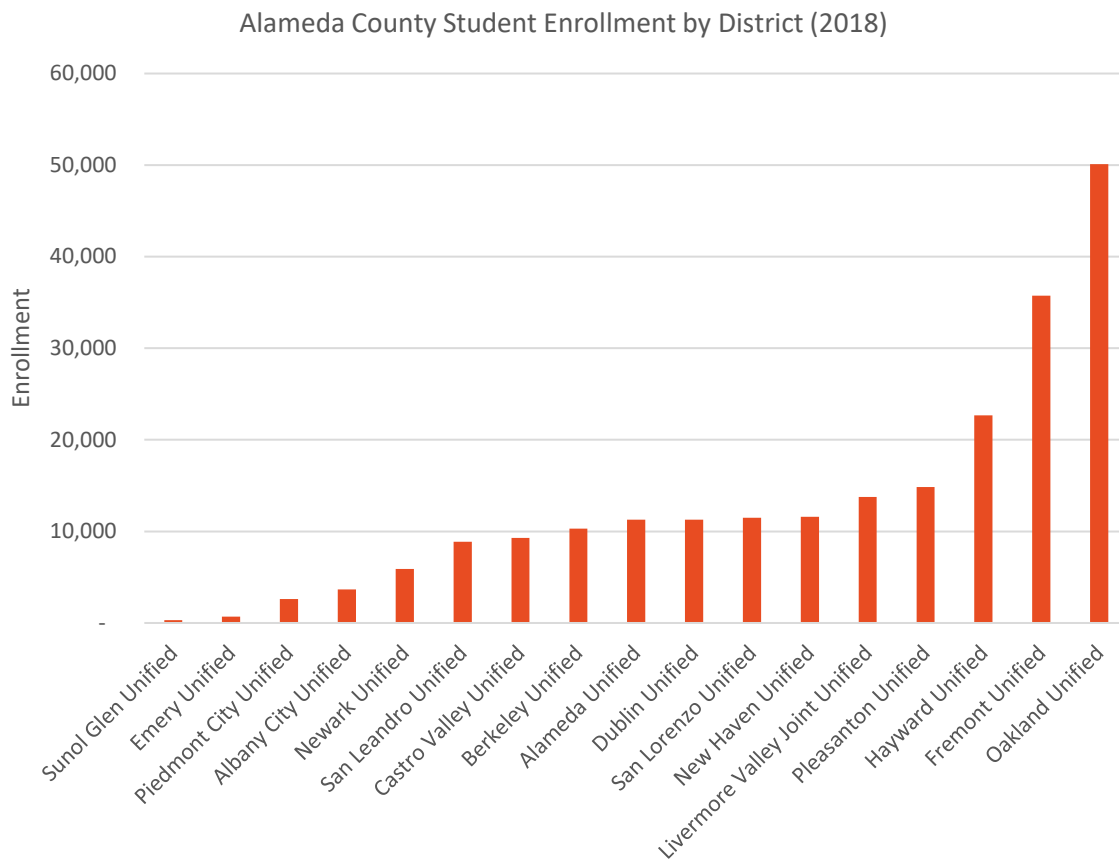
School Organization	Enrollment
Alameda County Office of Education	3,110
Mountain House Elementary	20
California School for the Blind (State Special School)	40
California School for the Deaf-Fremont (State Special School)	375
Non-Public, Non-Sectarian (Special Education Schools)	449
Grand Total	3,994

County offices of education provide a wide range of services, including special and vocational education, programs for youths at risk of failure, and instruction in juvenile detention facilities.

Nonpublic, nonsectarian schools are private, nonsectarian schools that enroll individuals with exceptional needs pursuant to an individualized education program.

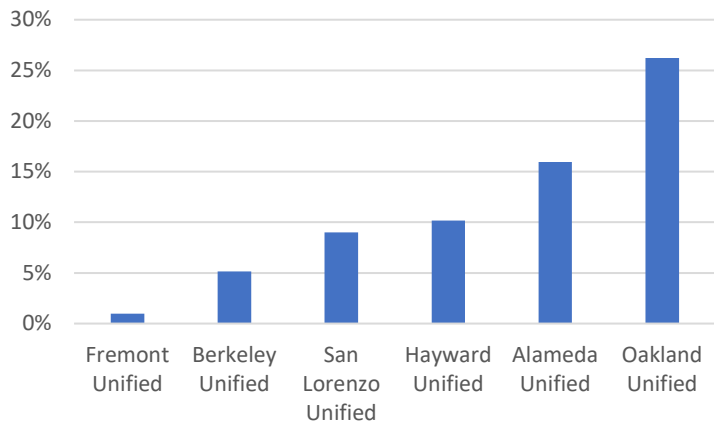
ALL FOLLOWING CHARTS IN THIS DOCUMENT PERTAIN TO UNIFIED DISTRICTS ONLY INCLUDING CHARTER SCHOOLS UNLESS SPECIFIED OTHERWISE.

Currently Oakland Unified is the largest unified district, followed by Fremont Unified and Hayward Unified.

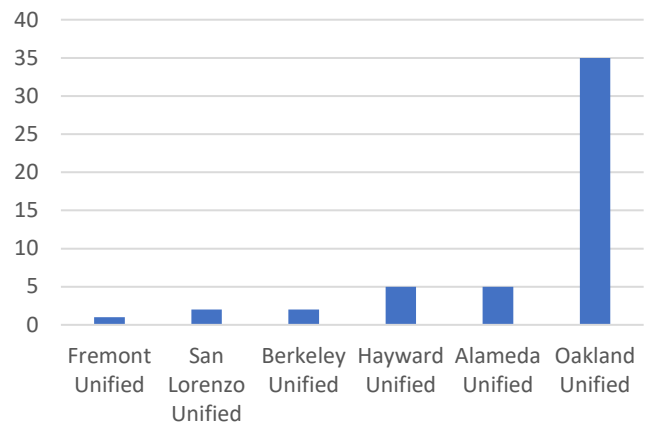


Alameda County Charter Schools

Alameda County Percentage of Enrollment in Charter Schools by District (2018)

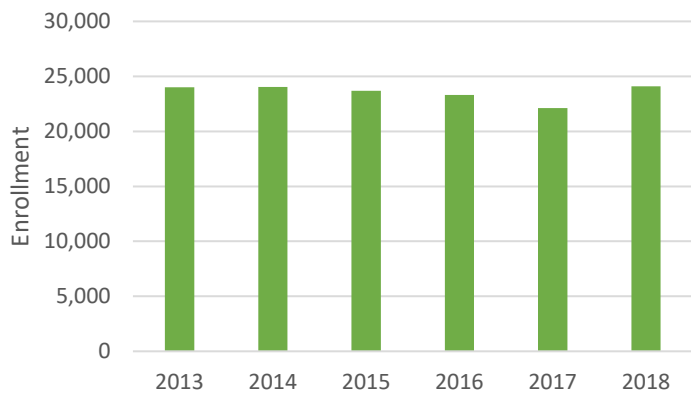


Alameda County Number of Charter Schools by District (2018)

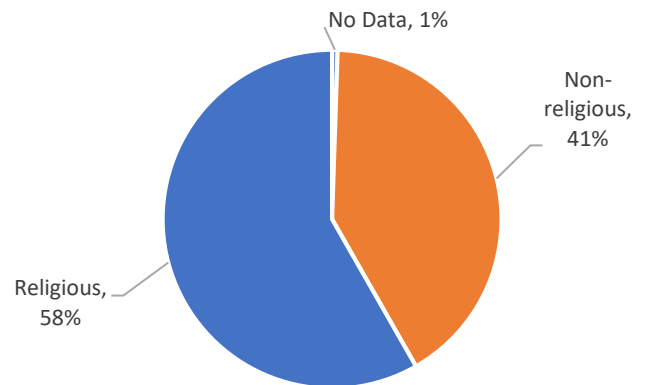


Alameda County Private Schools

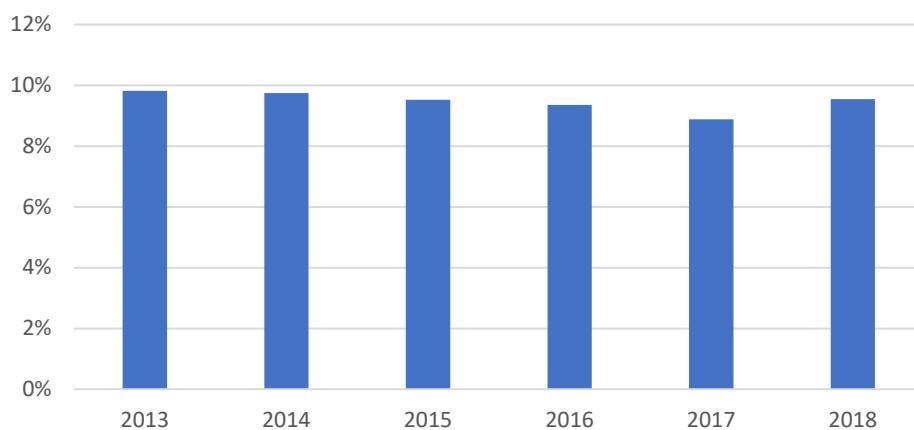
Alameda County Private School Enrollment (2013 - 2018)



Alameda County Private School Student Enrollment by Religious Classification (2018)



School Enrollment in Private Schools as a Percentage of Total Enrollment in Alameda County (2013 - 2018)

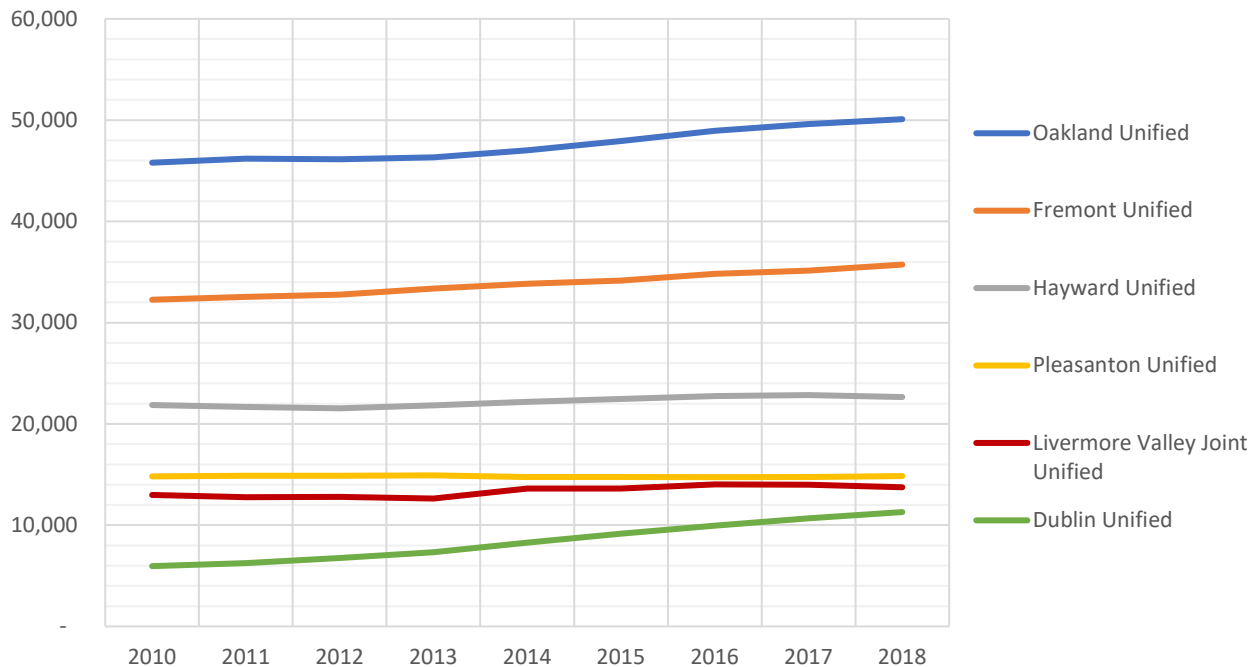


Alameda County Enrollment Change between 2010 and 2018

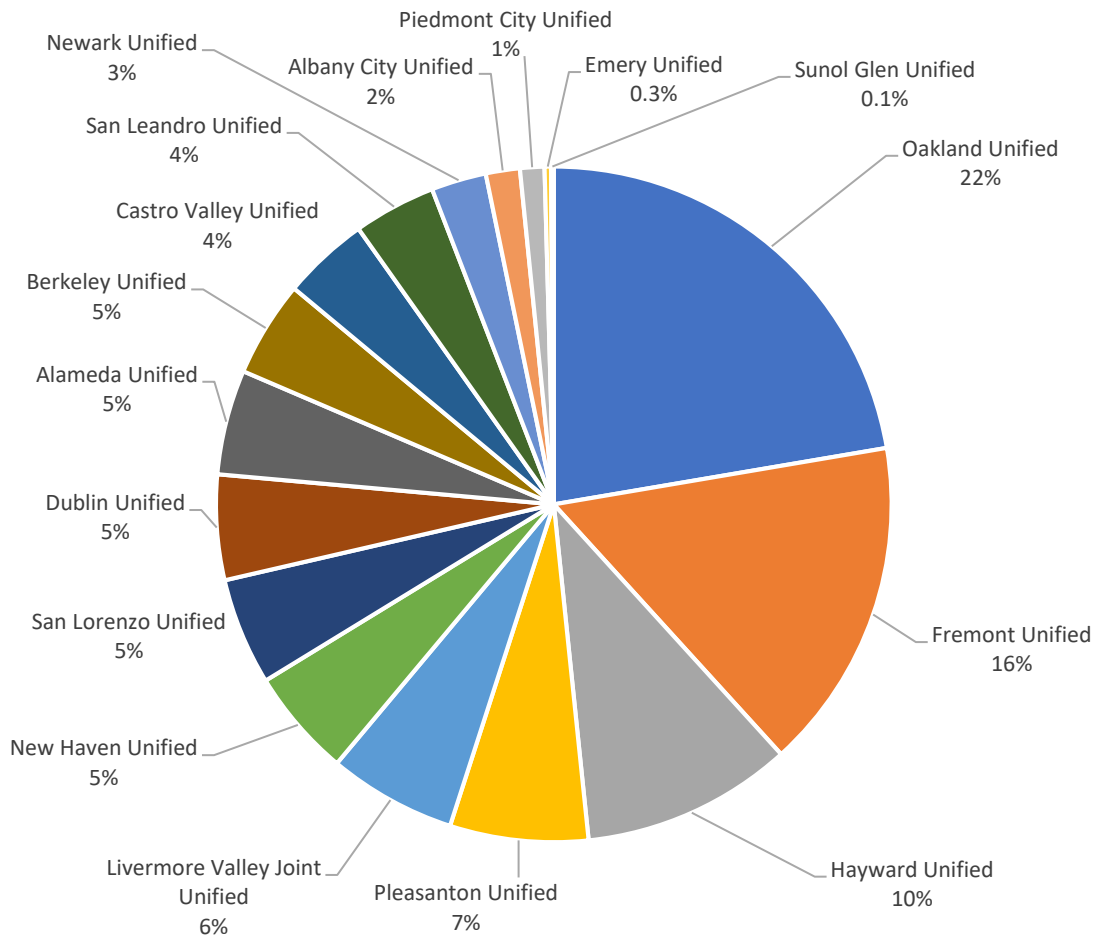
Grade	Percentage
Kindergarten	20.4%
Grade 1	0.8%
Grade 2	4.3%
Grade 3	4.4%
Grade 4	4.2%
Grade 5	9.7%
Grade 6	10.8%
Grade 7	8.8%
Grade 8	6.3%
Grade 9	2.7%
Grade 10	-0.6%
Grade 11	2.6%
Grade 12	6.2%

Year	Change between 2010 and 2018
Dublin Unified	89.7%
Sunol Glen Unified	17.2%
Berkeley Unified	12.8%
Fremont Unified	10.8%
Oakland Unified	9.4%
Alameda Unified	8.1%
Livermore Valley Joint Unified	5.8%
Castro Valley Unified	4.6%
Hayward Unified	3.7%
Piedmont City Unified	2.6%
San Leandro Unified	0.8%
Pleasanton Unified	0.3%
San Lorenzo Unified	-2.9%
Albany City Unified	-4.0%
Emery Unified	-8.9%
New Haven Unified	-10.8%
Newark Unified	-14.6%

Alameda County Six Largest School Districts by Enrollment (2010 - 2018)



Alameda County District Size by Enrollment (2018)



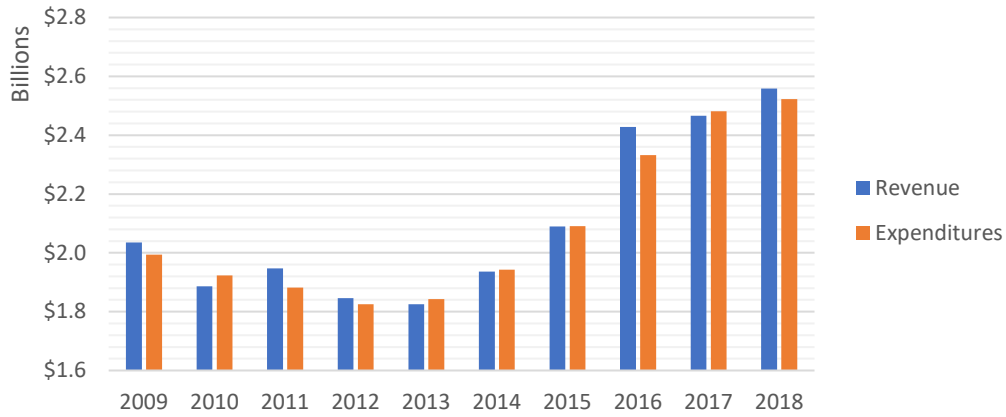
Alameda County’s largest 10 High Schools by Enrollment

High School	Enrollment
James Logan High (New Haven Unified)	3,735
Berkeley High (Berkeley Unified)	3,117
Castro Valley High (Castro Valley Unified)	2,934
Dublin High (Dublin Unified)	2,750
Amador Valley High (Pleasanton Unified)	2,673
San Leandro High (San Leandro Unified)	2,657
Irvington High (Fremont Unified)	2,360
American High (Fremont Unified)	2,273
Granada High (Livermore Valley Joint Unified)	2,261
Foothill High (Pleasanton Unified)	2,176

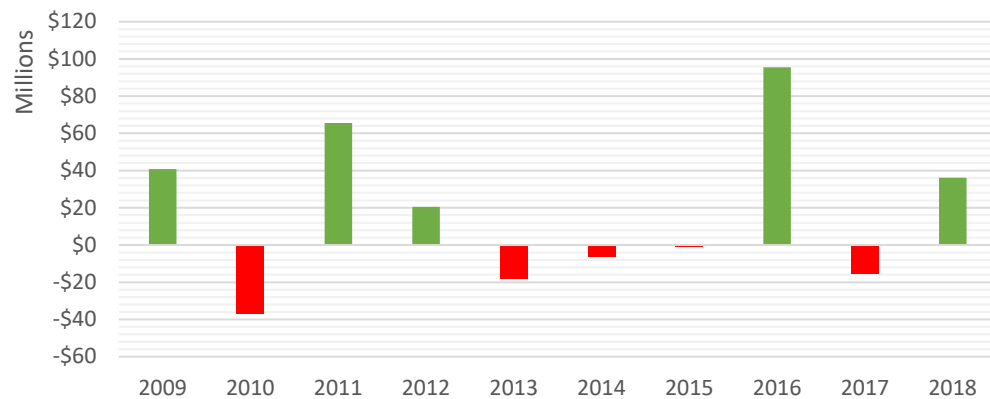
Alameda County Financials

Charter schools have separate finances from the District they are under. For Alameda County Unified School Districts there is one exception, the Circle of Independent Learning in Fremont Unified. The Charter Special Revenue Fund is used for this school.

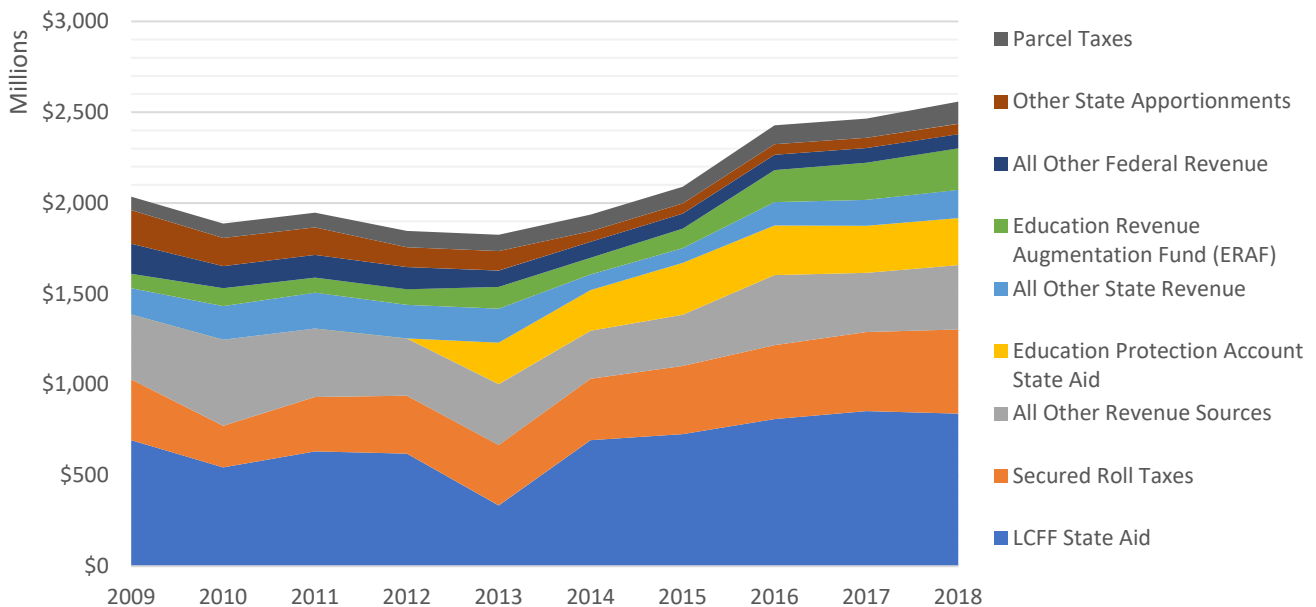
Alameda County Education Revenue and Expenditures (2009 - 2018)



Alameda County Education Surplus and Deficit by Year (2009 - 2018)



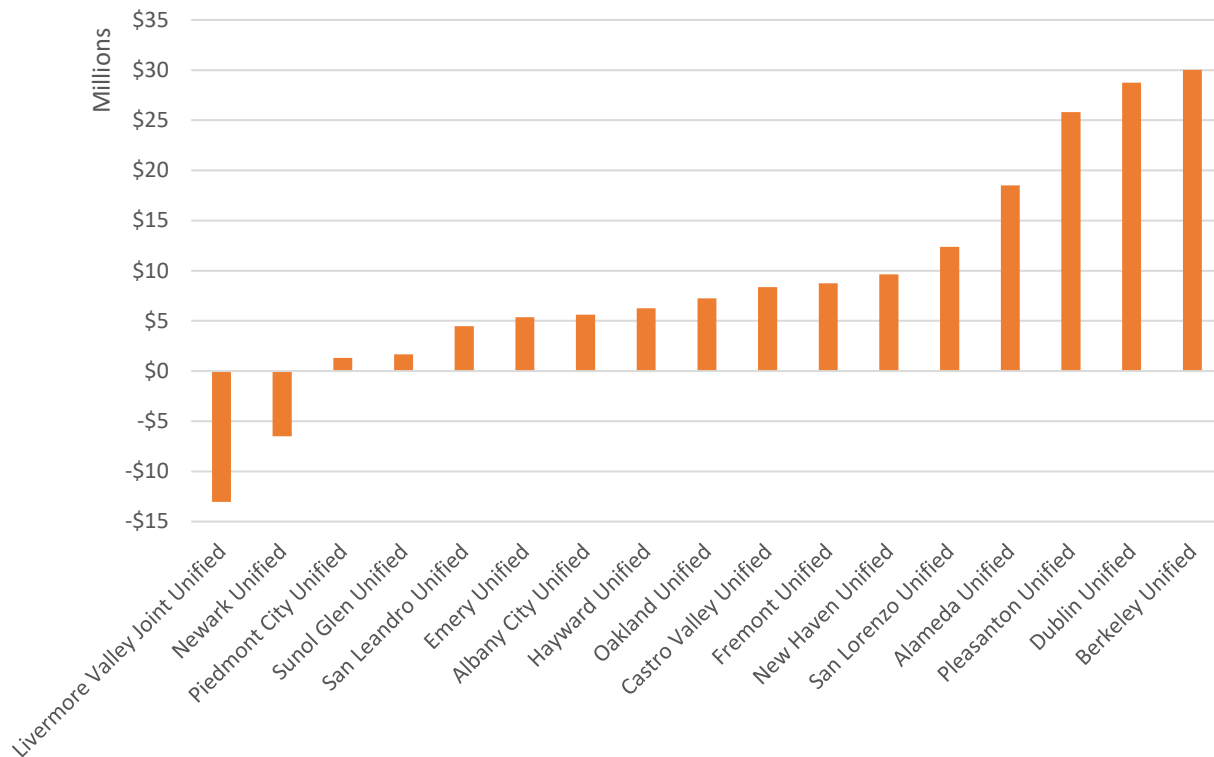
Alameda County Major Funding Sources (2009 - 2018)

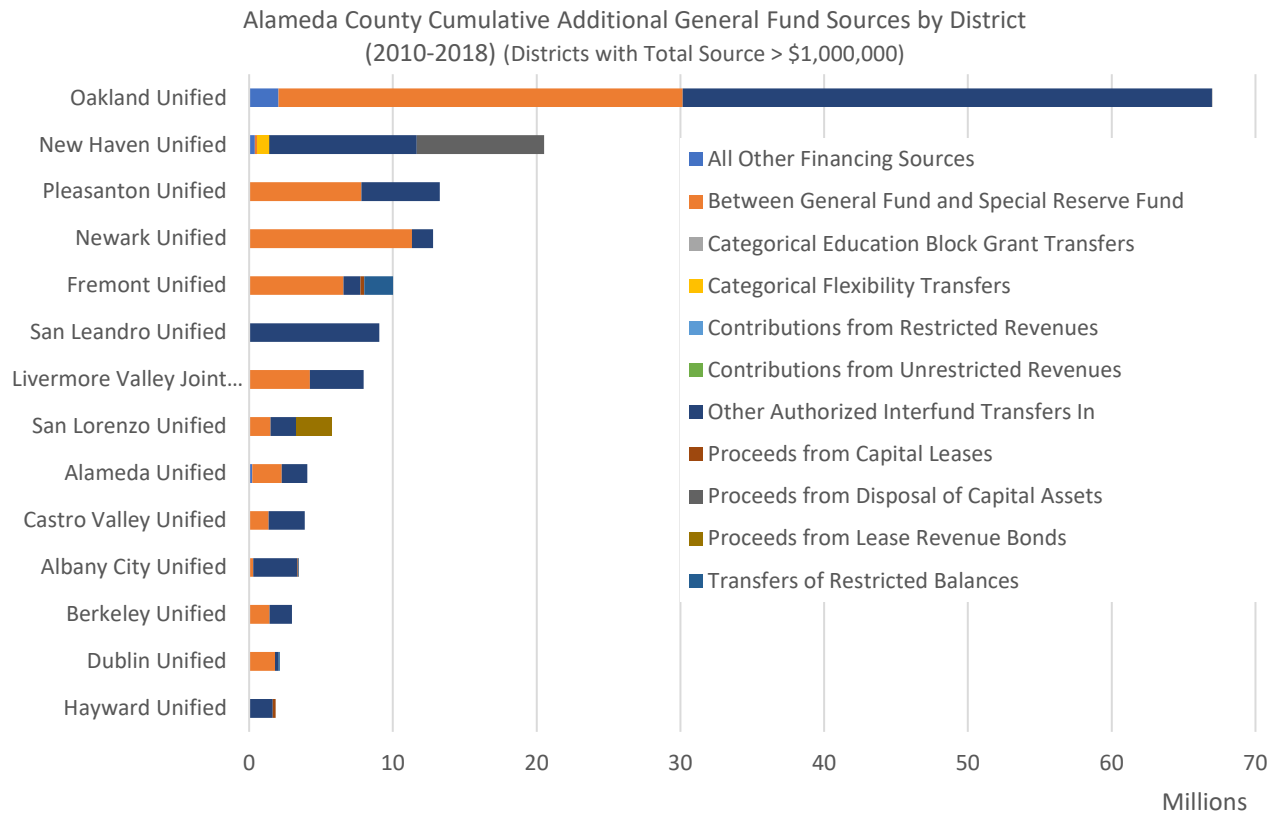


Revenue and Expenditures by District (2018)

District	Revenue	Expenditures	Surplus/Deficit as a % of Expenditures
Alameda Unified	\$111,647,221	\$110,235,077	1.3%
Albany City Unified	\$46,422,662	\$46,966,462	-1.2%
Berkeley Unified	\$156,776,943	\$147,839,277	5.7%
Castro Valley Unified	\$96,921,897	\$96,270,437	0.7%
Dublin Unified	\$112,036,250	\$108,846,739	2.8%
Emery Unified	\$11,932,449	\$11,888,106	0.4%
Fremont Unified	\$367,360,459	\$372,376,718	-1.4%
Hayward Unified	\$258,575,685	\$256,965,655	0.6%
Livermore Valley Joint Unified	\$146,968,774	\$146,222,567	0.5%
New Haven Unified	\$126,044,254	\$131,225,885	-4.1%
Newark Unified	\$63,351,035	\$64,398,613	-1.7%
Oakland Unified	\$562,832,639	\$531,994,287	5.5%
Piedmont City Unified	\$39,755,668	\$40,216,939	-1.2%
Pleasanton Unified	\$155,015,767	\$156,558,246	-1.0%
San Leandro Unified	\$100,131,784	\$98,893,854	1.2%
San Lorenzo Unified	\$123,521,629	\$126,381,695	-2.3%
Sunol Glen Unified	\$3,560,180	\$3,429,143	3.7%

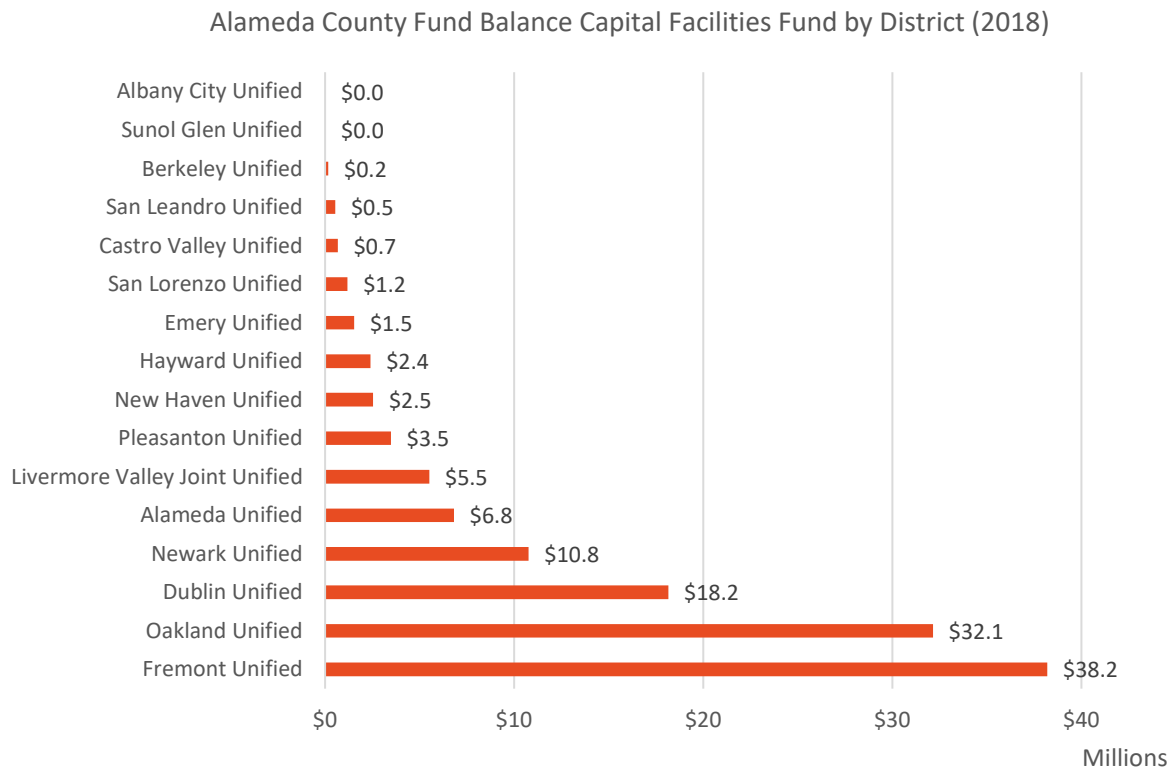
Alameda County Cumulative Surplus/Deficit by District (2010-2018)





Capital Facilities “Developers” Funds (Fund 25)

This fund is used primarily to account separately for moneys received from fees levied on development projects as a condition of approval.



Special Reserve Fund (Fund 17)

The Special Reserve fund is used primarily to provide for the accumulation of general fund moneys for general operating purposes other than for capital outlay.

Alameda County Fund Balance Special Reserve Fund by District (2018)



Fremont Unified - Charter School Special Revenue Fund (Fund 09) (2018)

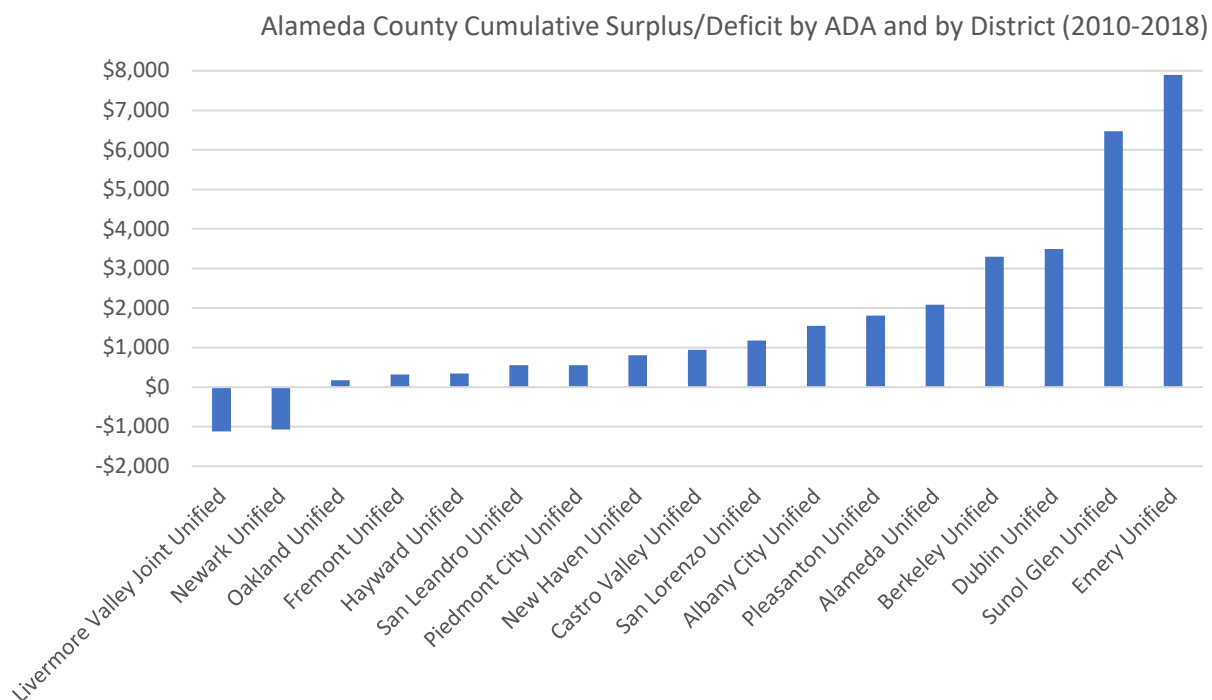
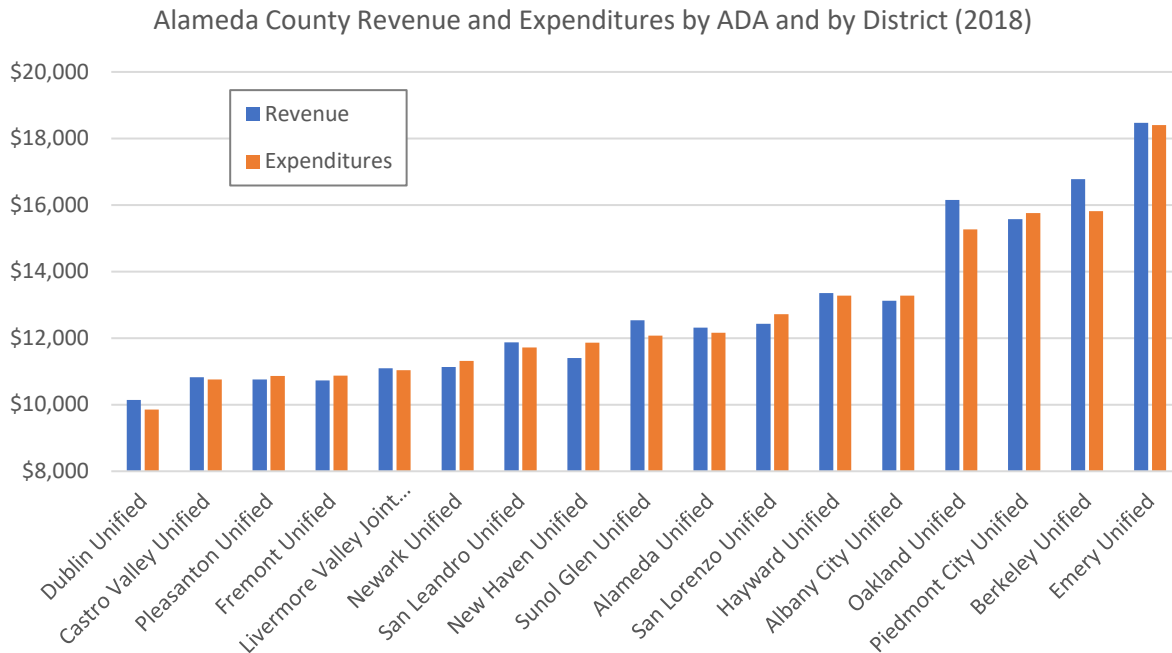
Circle of Independent Learning Charter School

Object Type	Expenditures	Revenue
Revenue/Transfers		\$3,307,318
Certificated Salaries	\$1,906,331	
Classified Salaries	\$286,722	
Employee Benefits	\$569,096	
Books and Supplies	\$157,429	
Services and Other Operating Exp.	\$499,642	
Grand Total	\$3,419,220	\$3,307,318

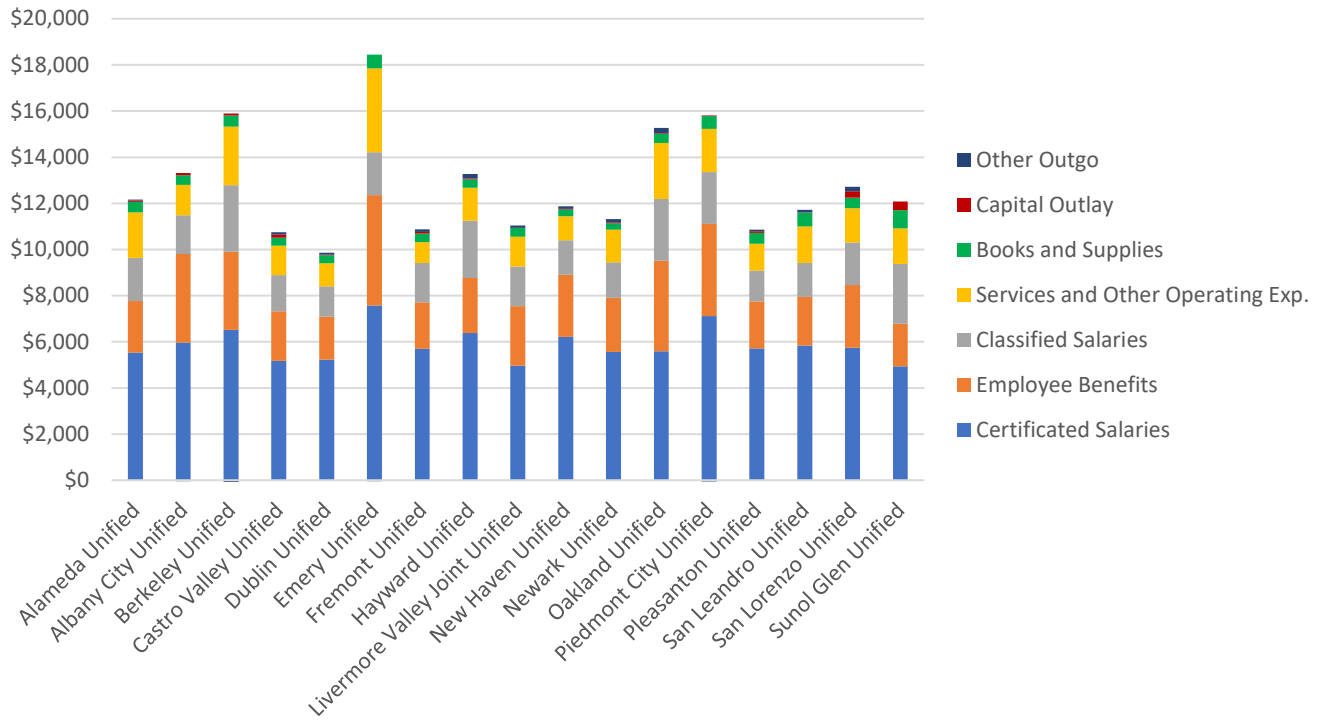
Financials per Student (ADA)

ADA is defined as the total days of student attendance divided by the total days of instruction. The type of ADA used is annual district ADA (for the same year as the expenditures) from CDE's "Attendance School District" and "Attendance Charter School" reports and includes ADA from special education programs and applicable charter schools (i.e., those charter schools with data in the district's Current Expense of Education calculation). ADA credited to districts for the attendance of pupils in county-operated programs is not included.

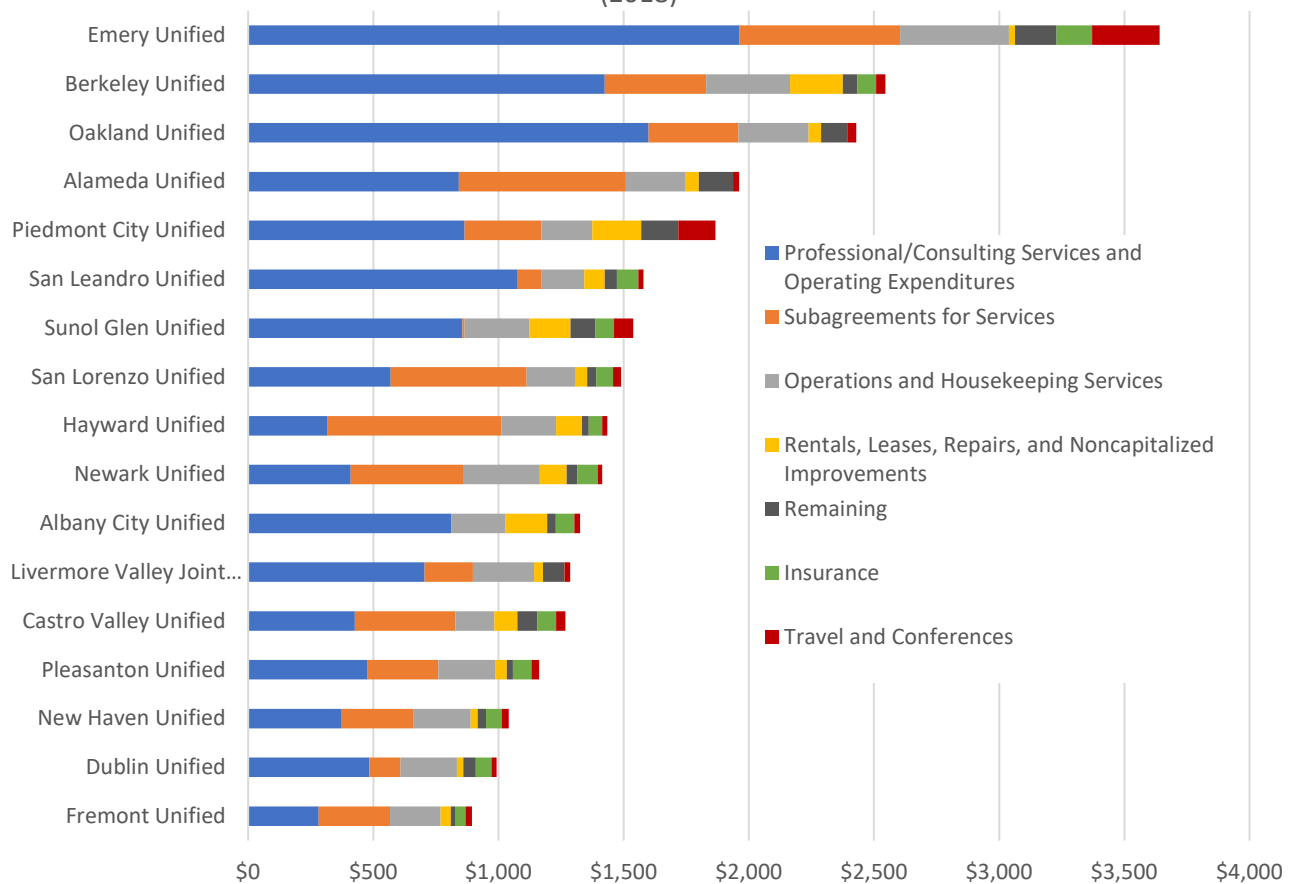
Alameda County Revenue and Expenditures by ADA



Alameda County Expenditures by Object Category by ADA and by District (2018)



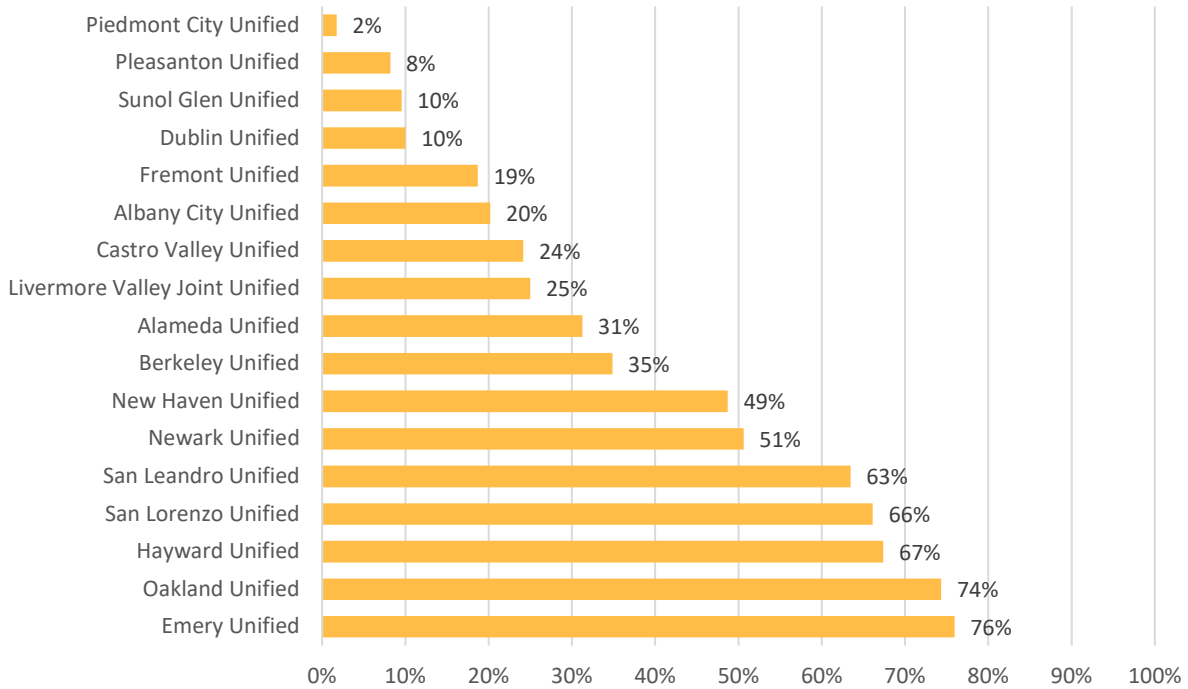
Alameda County Services and other Operating Expenditures by ADA and by District (2018)



Free and Reduced Lunch Program

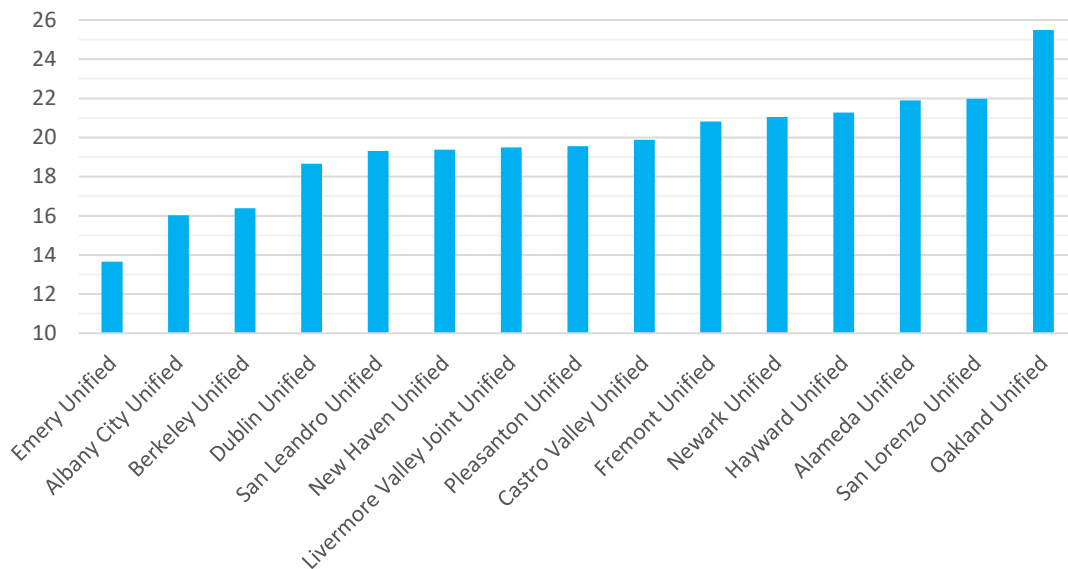
Students who meet household income or categorical eligibility criteria are allowed free or reduced priced meals.

Alameda County Percentage of Student Enrollment in the Free or Reduced Lunch Program by District (2018)



Students per Teacher

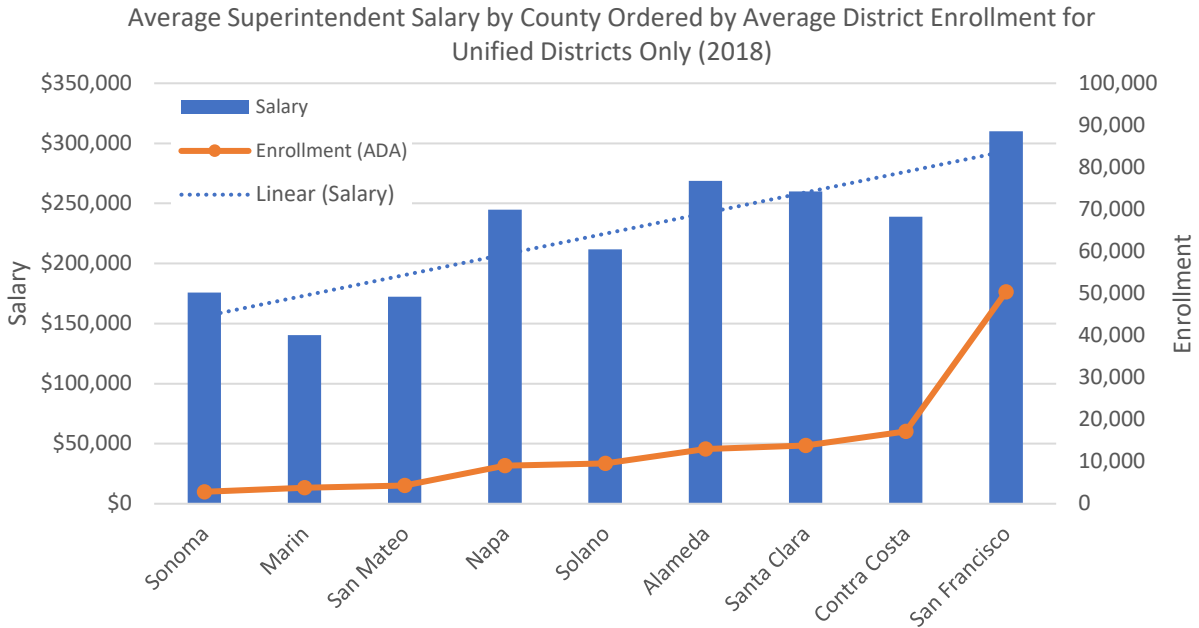
Alameda County Students per Teacher by District (Total Students/Total FTE) (2018)



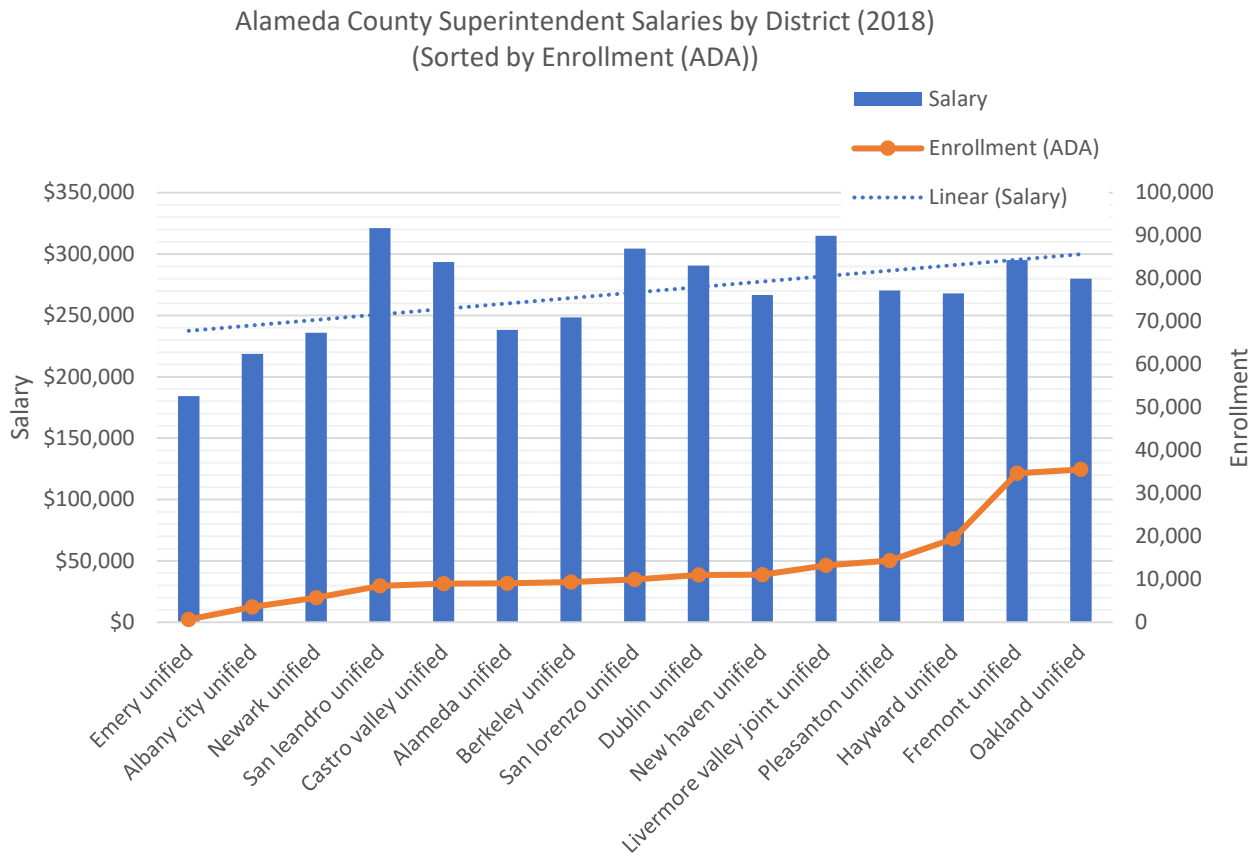
Salaries

Sunol Glen Unified and Piedmont Unified did not submit a 2017-18 J90 at the time this report was written. They are excluded from the salary charts.

Bay Area Superintendent Salaries

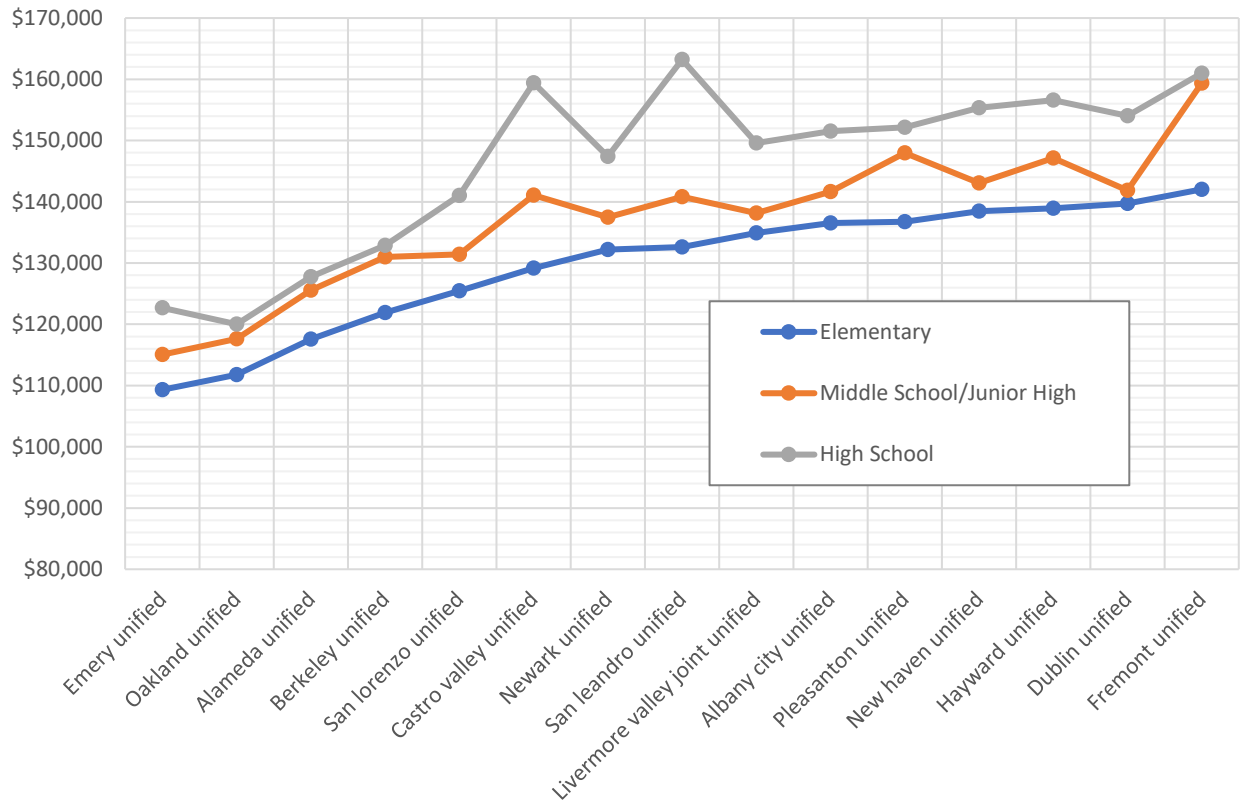


Alameda County Superintendent Salaries

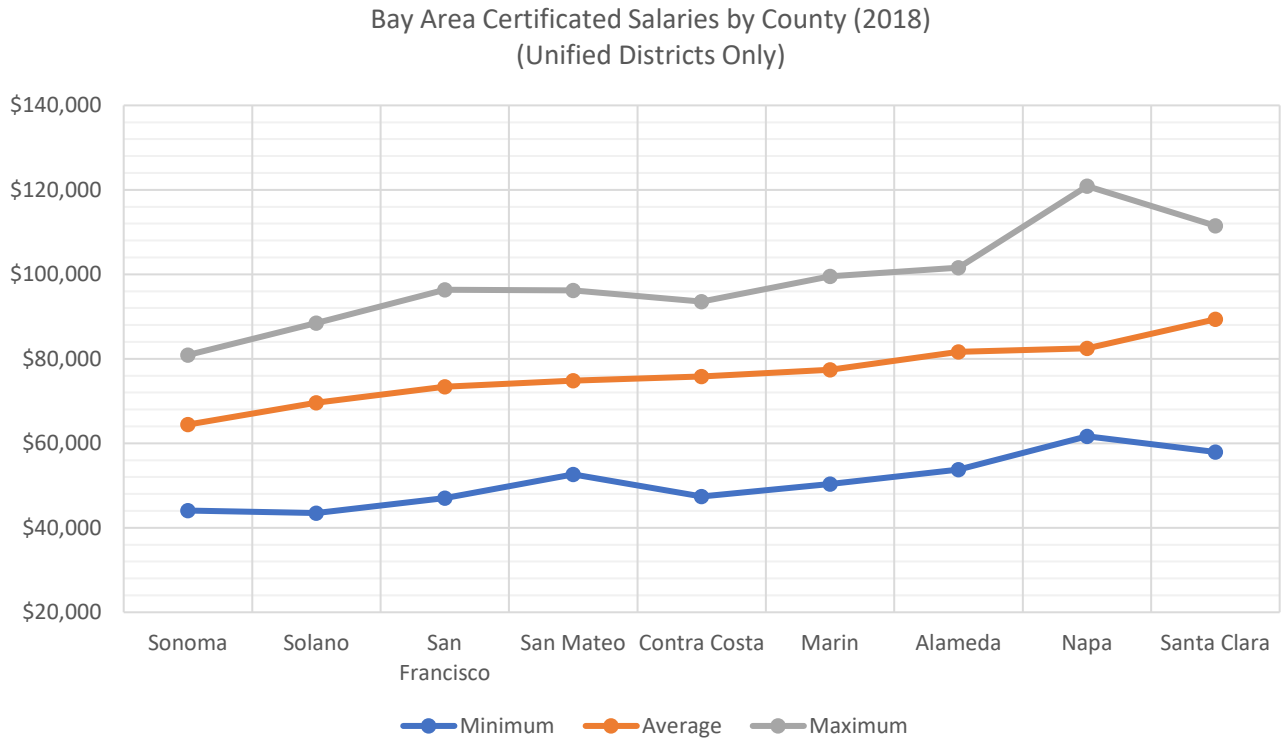


Alameda County Principal Salaries

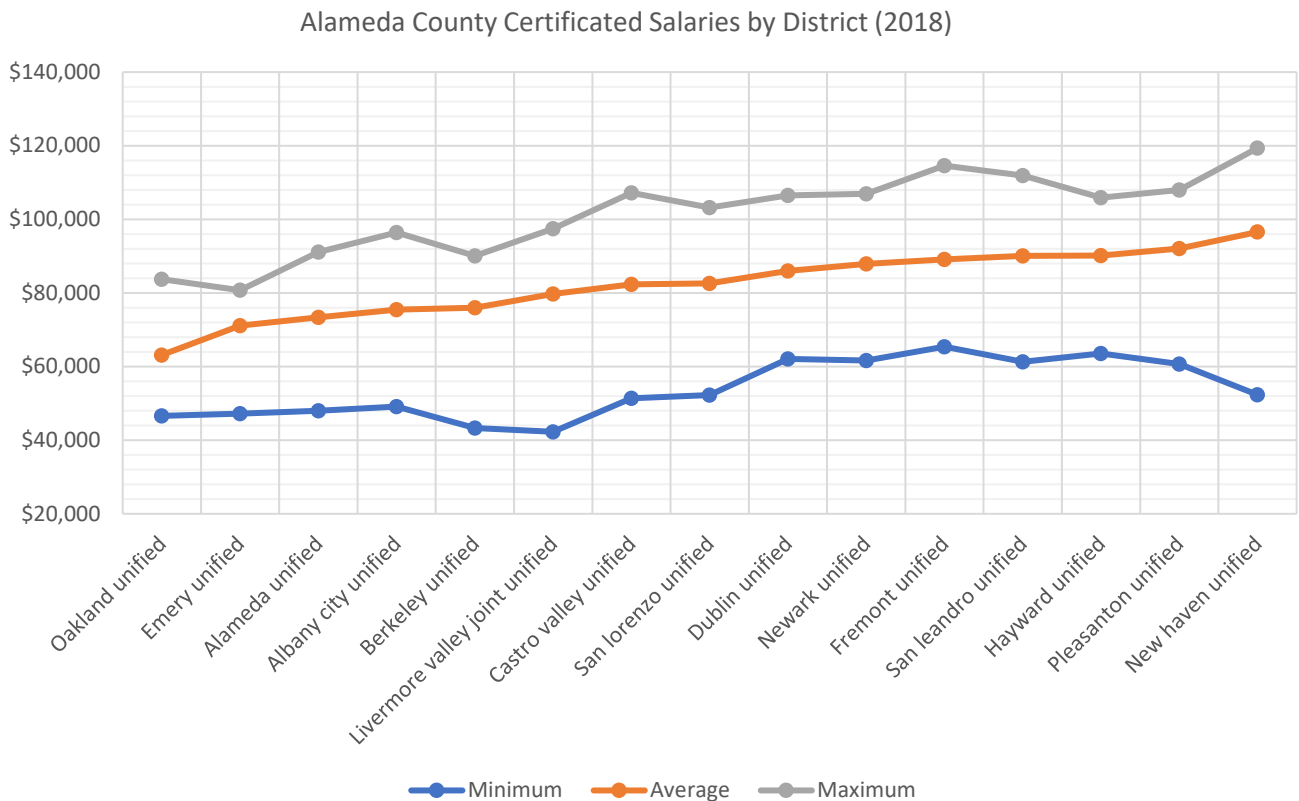
Alameda County Principal Salaries by District (2018)



Bay Area Certificated Salaries

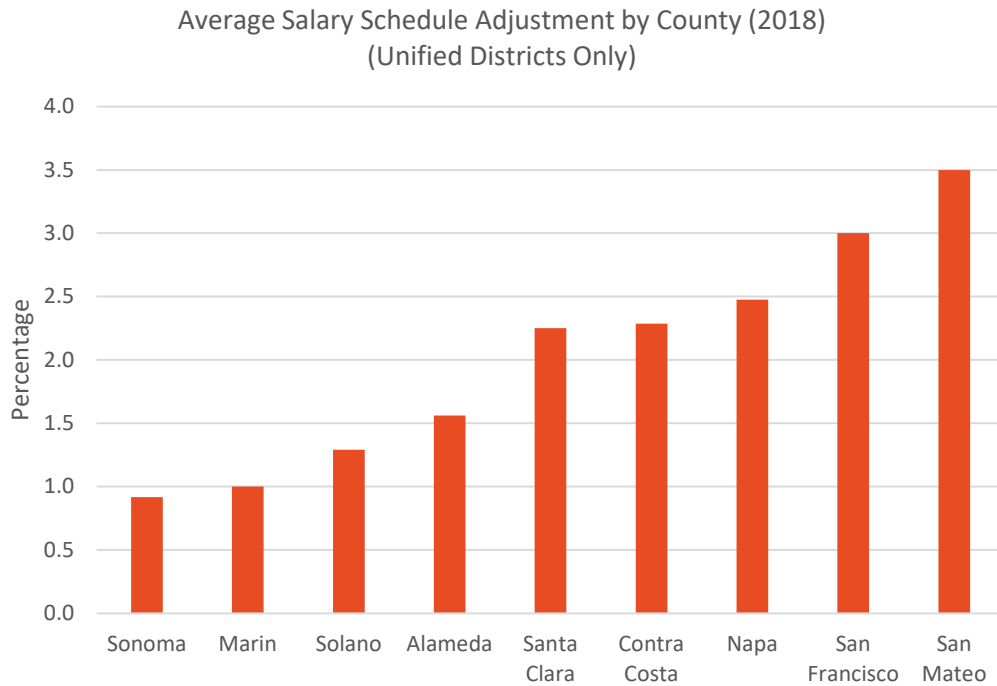


Alameda County Certificated Salaries



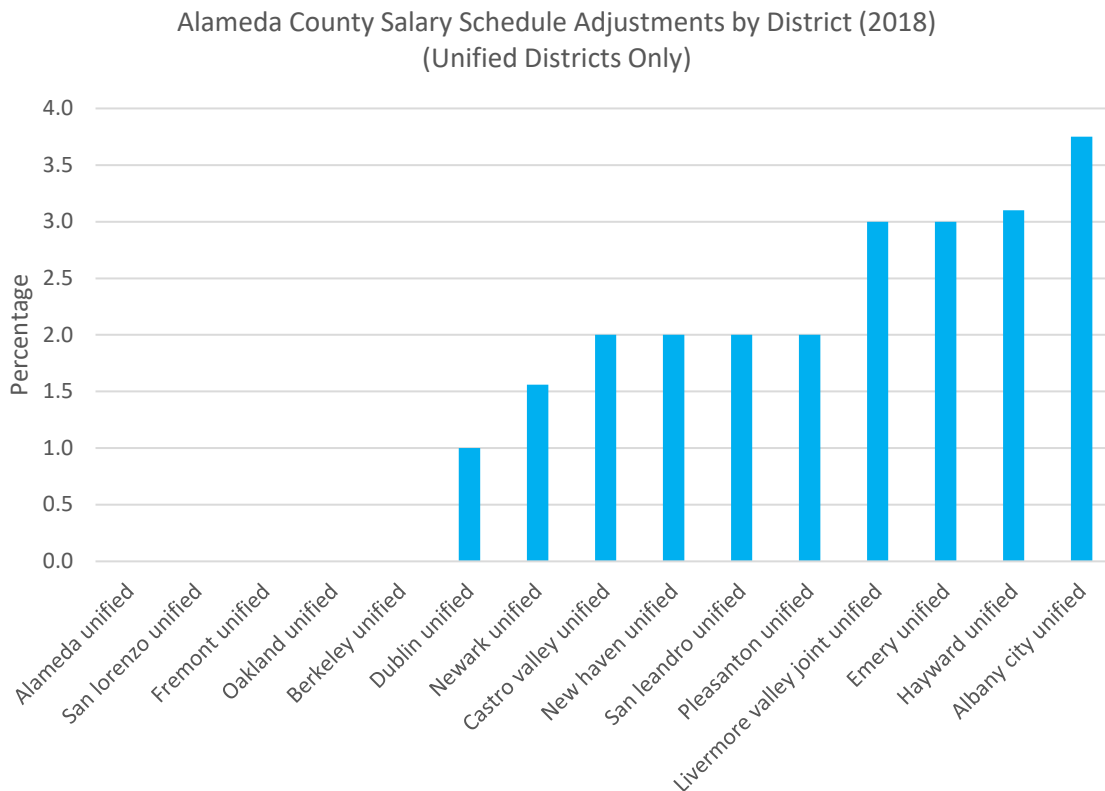
Bay Area Salary Schedule Adjustments

Some districts may still be in negotiation for the year 2017-18, the data only includes adjustments at the time the reports were filed (May 2018).



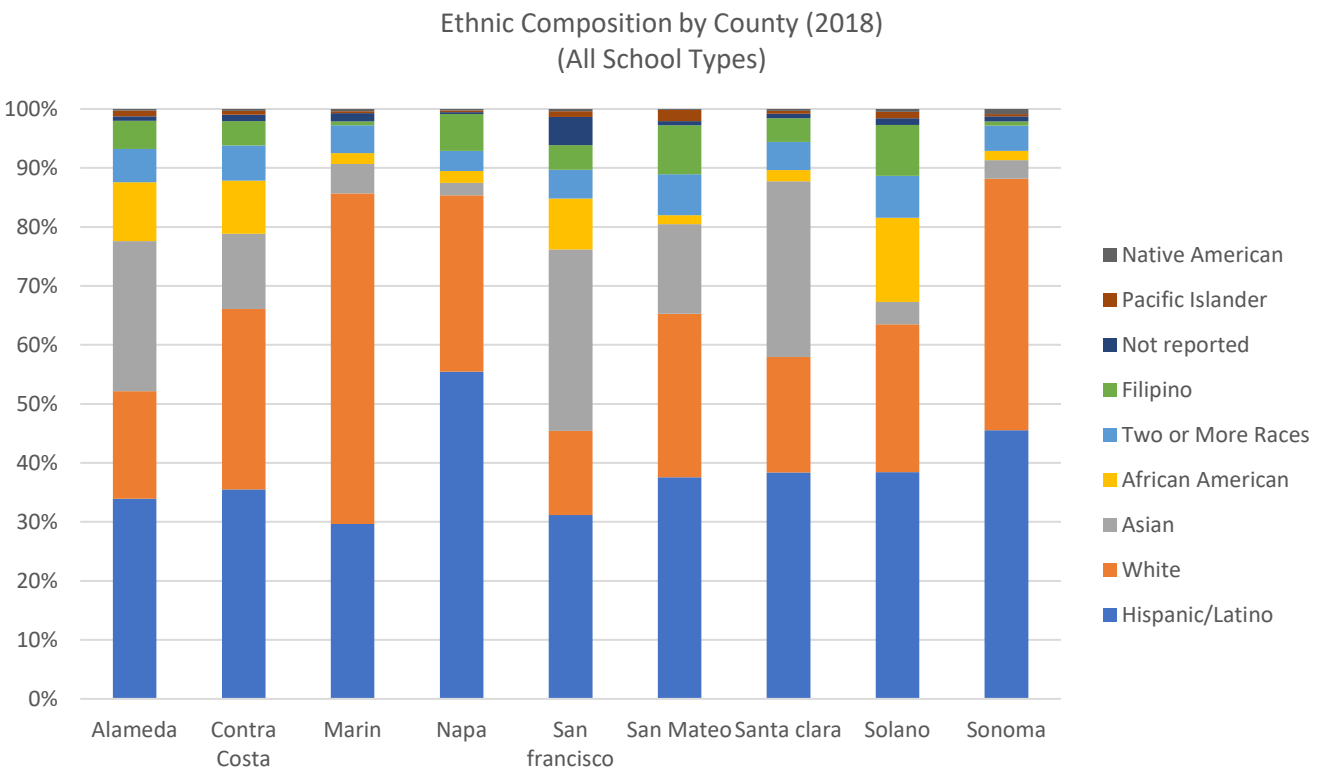
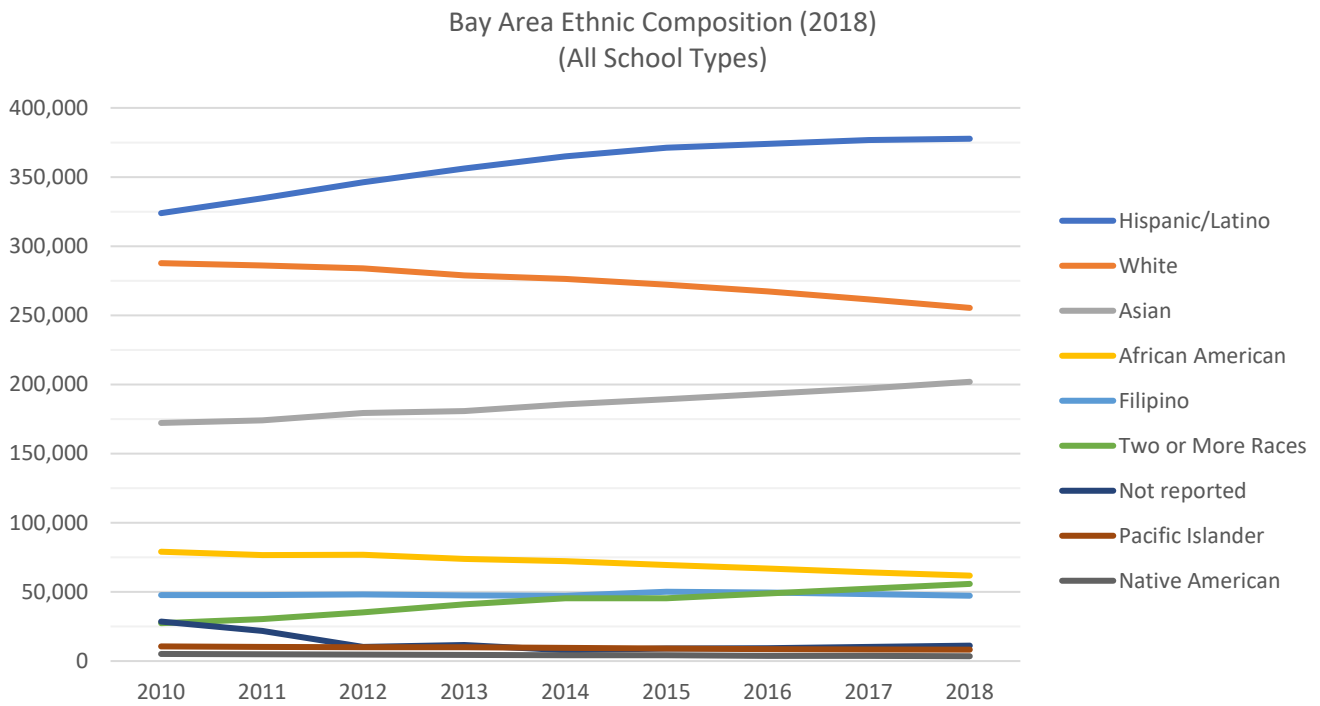
Alameda County Salary Schedule Adjustments

Some districts may still be in negotiation for the year 2017-18, the data only includes adjustments at the time the reports were filed (May 2018).

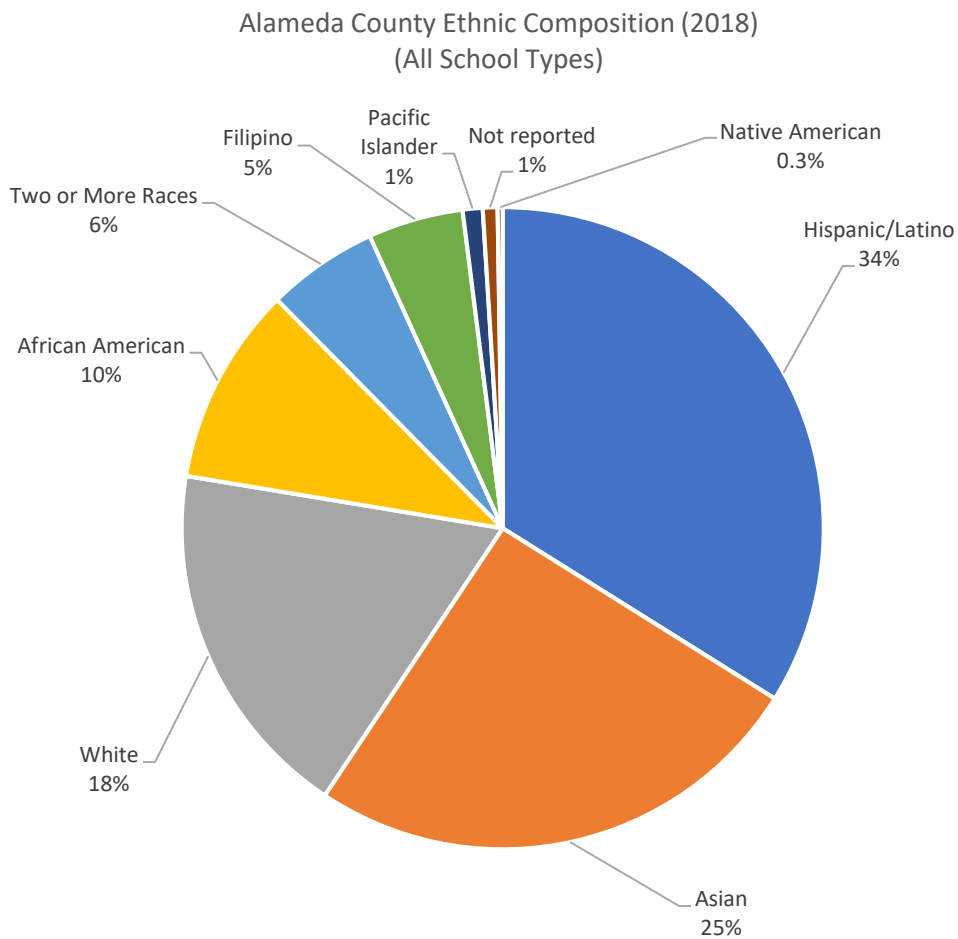
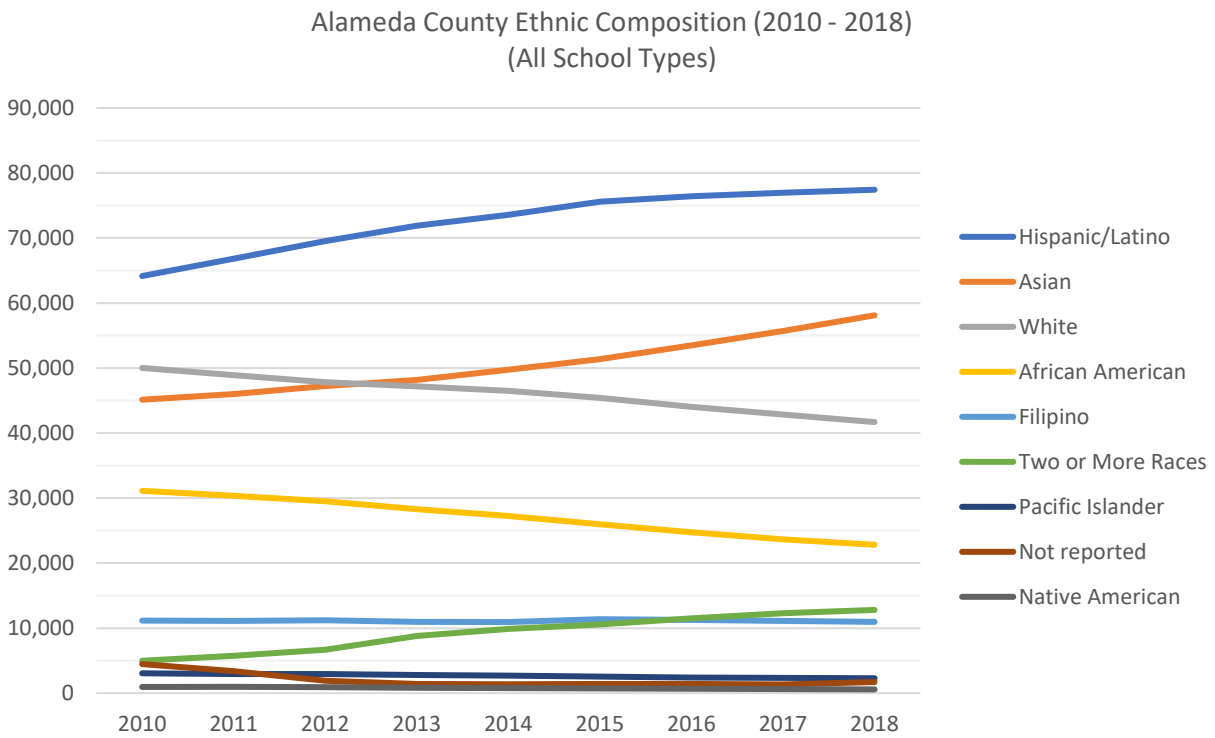


Demographics

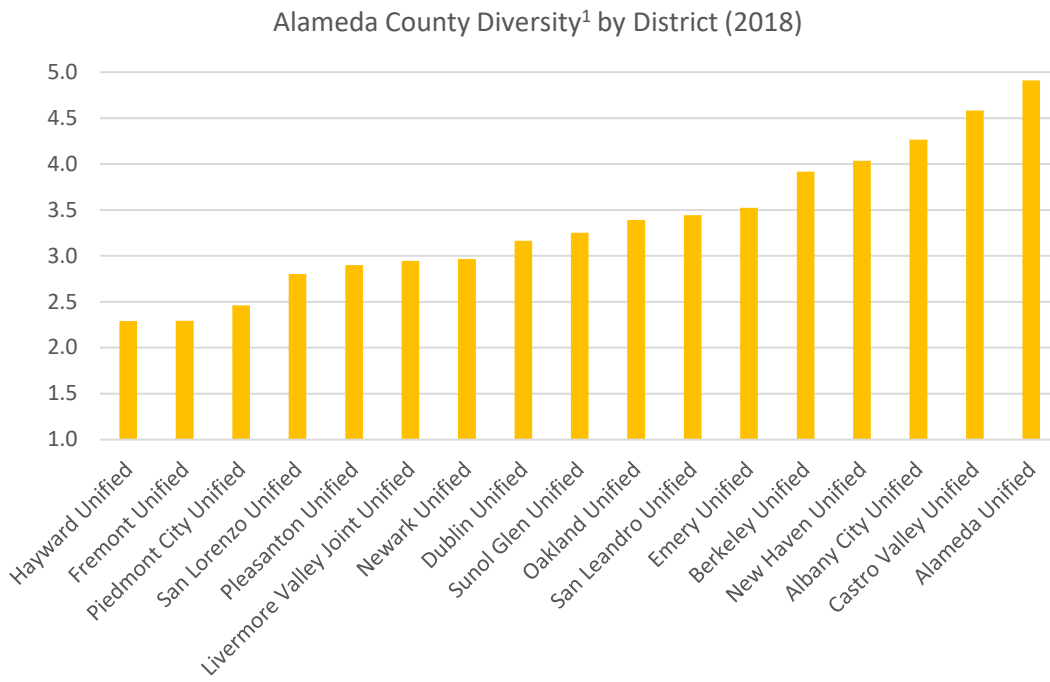
Bay Area Schools Ethnic Composition



Alameda County Ethnic Composition



Alameda County Diversity

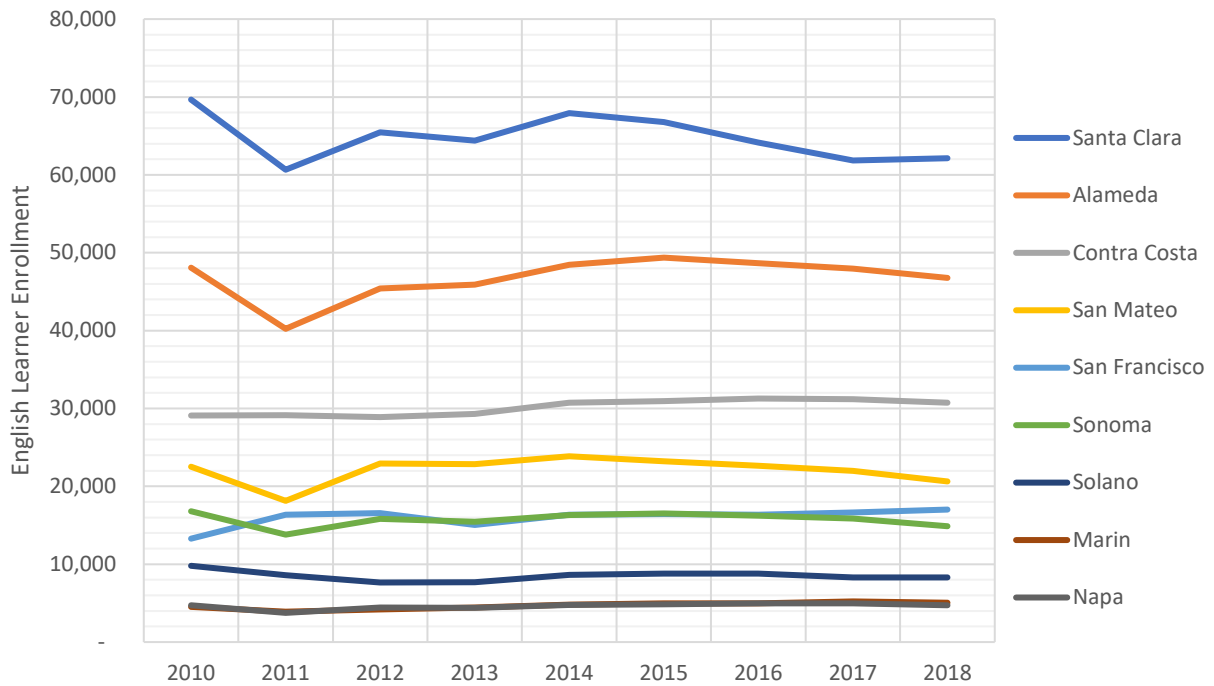


¹ Diversity is calculated using 1/HHI (Herfindahl–Hirschman Index)

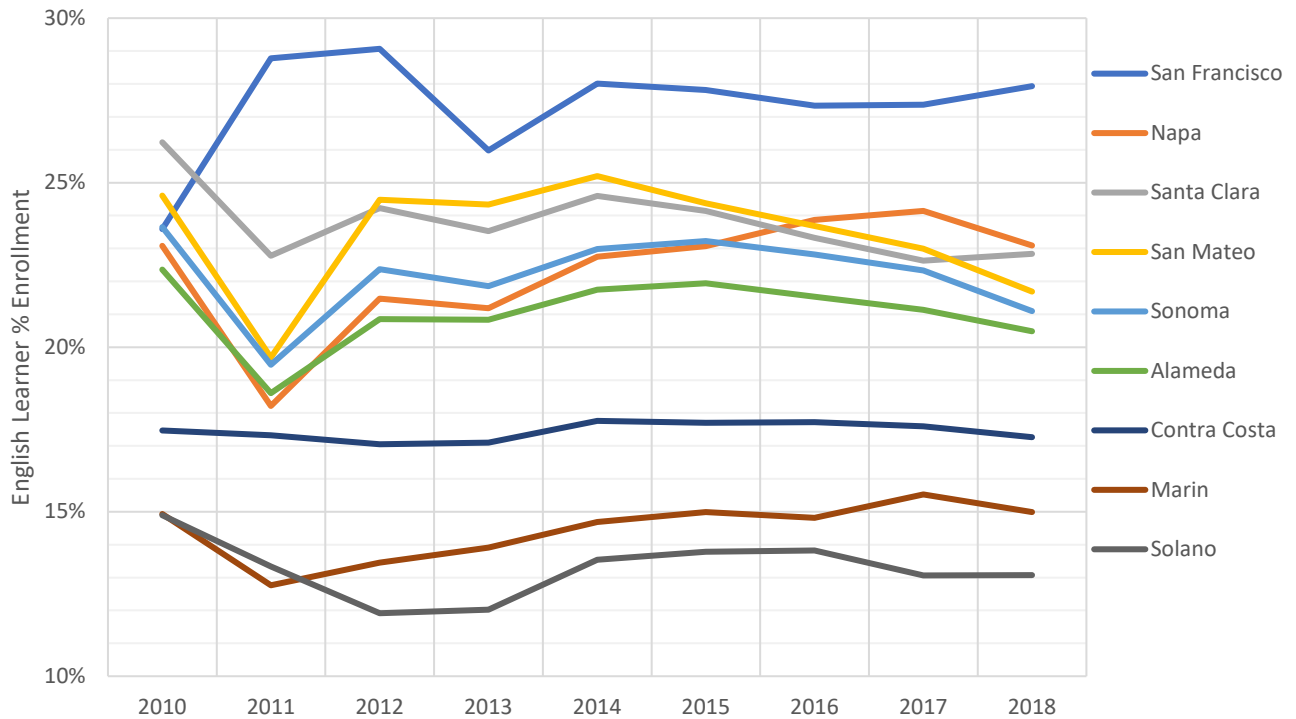
English Learners

Bay Area

English Learner Enrollment by County (2010 - 2018)

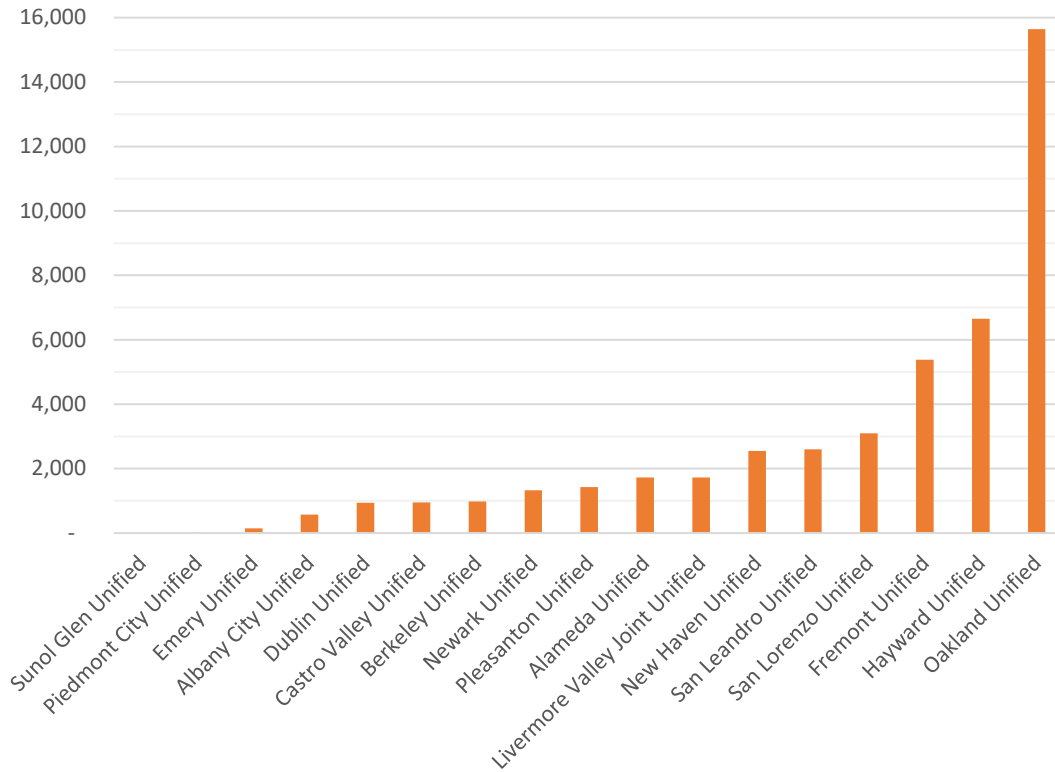


English Learner Percentage Enrollment by County

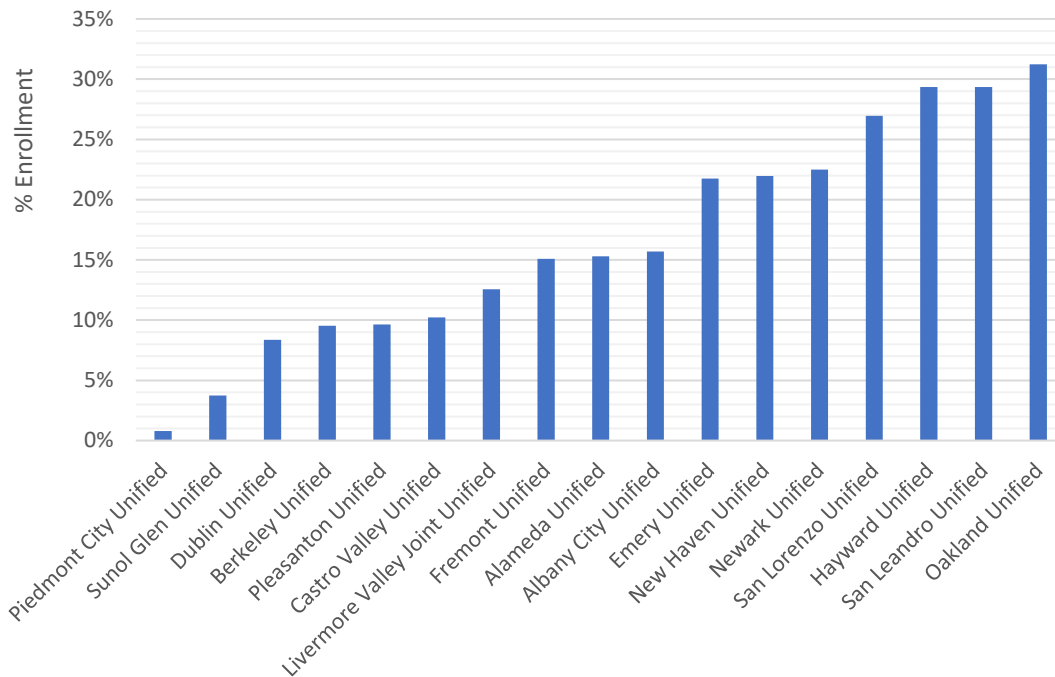


Alameda County

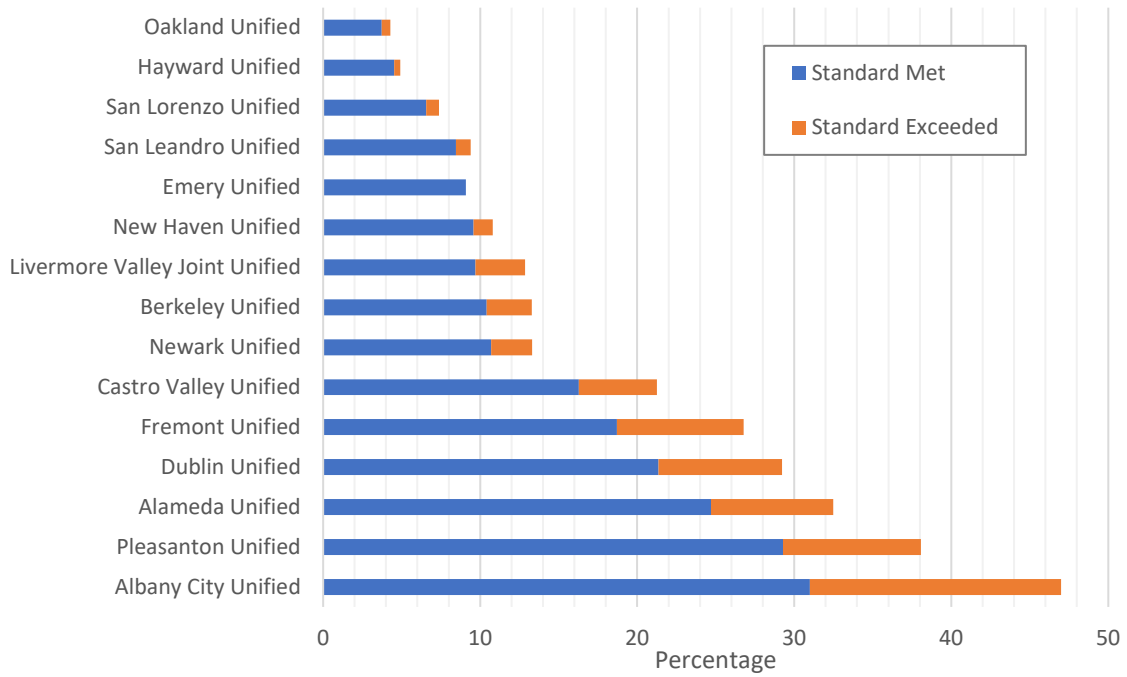
Alameda County English Learner Enrollment by District (2018)



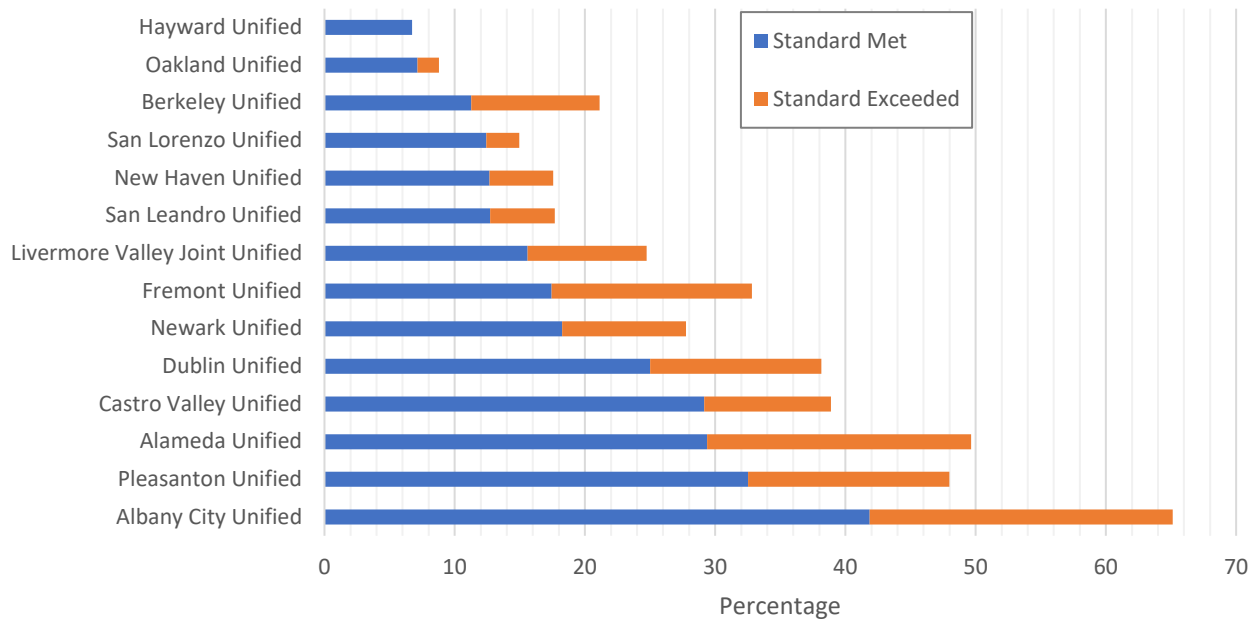
Alameda County English Learner Percentage Enrollment by District (2018)



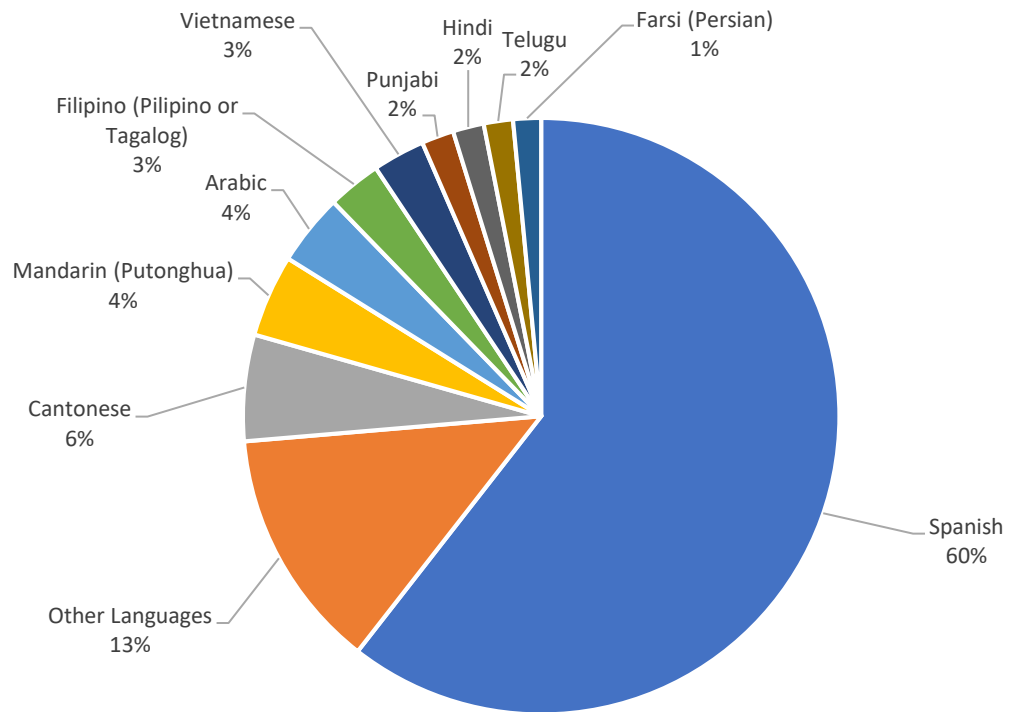
Alameda County Percentage of *English Learners* Meeting or Exceeding the CAASPP English Language Test by District (2018)



Alameda County Percentage *English Learners* in 3rd Grade Meeting or Exceeding the CAASPP English Language Test by District (2018)



Alameda County *English Learner* Language Distribution (2018)

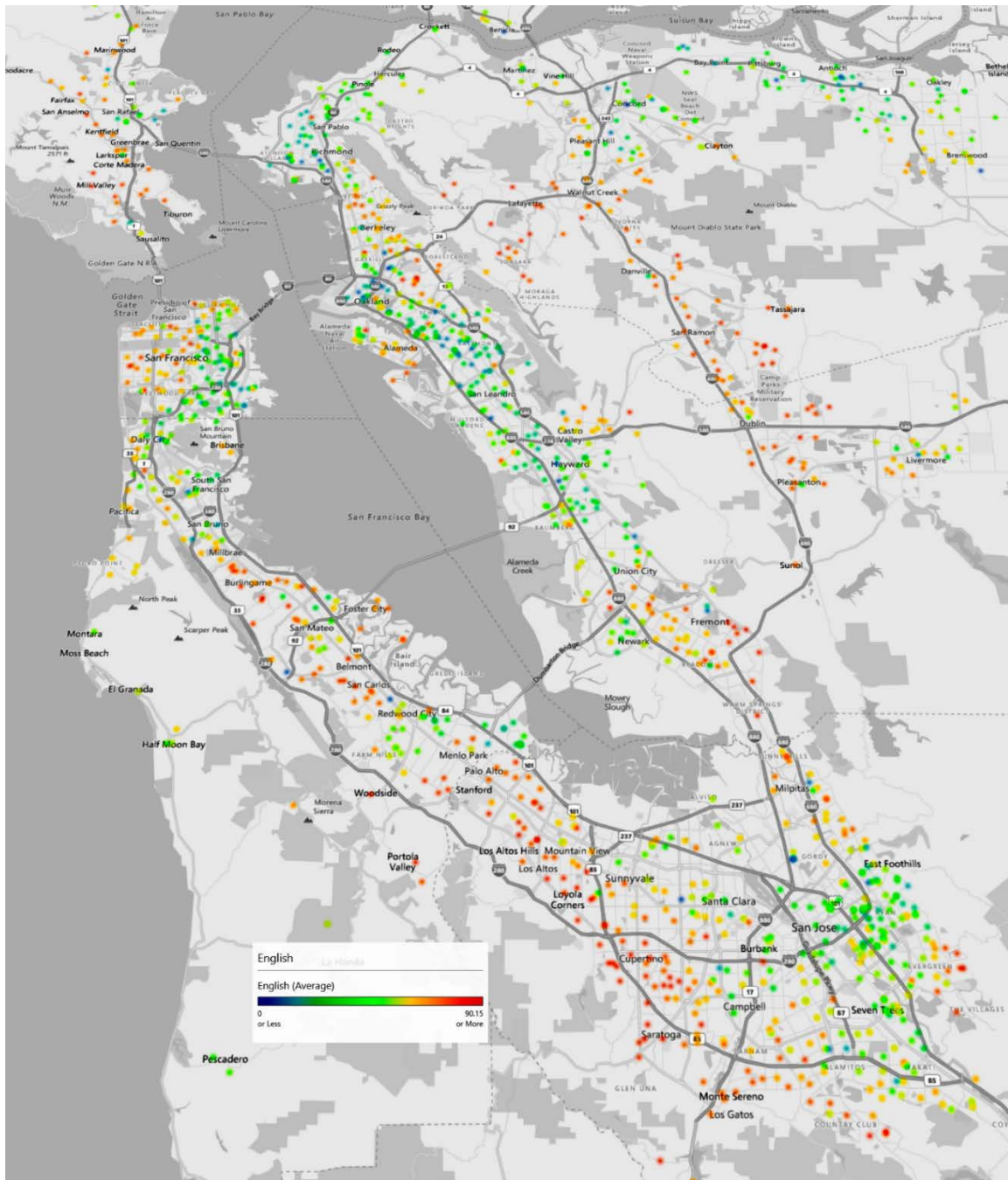


Smarter Balanced Test Scores

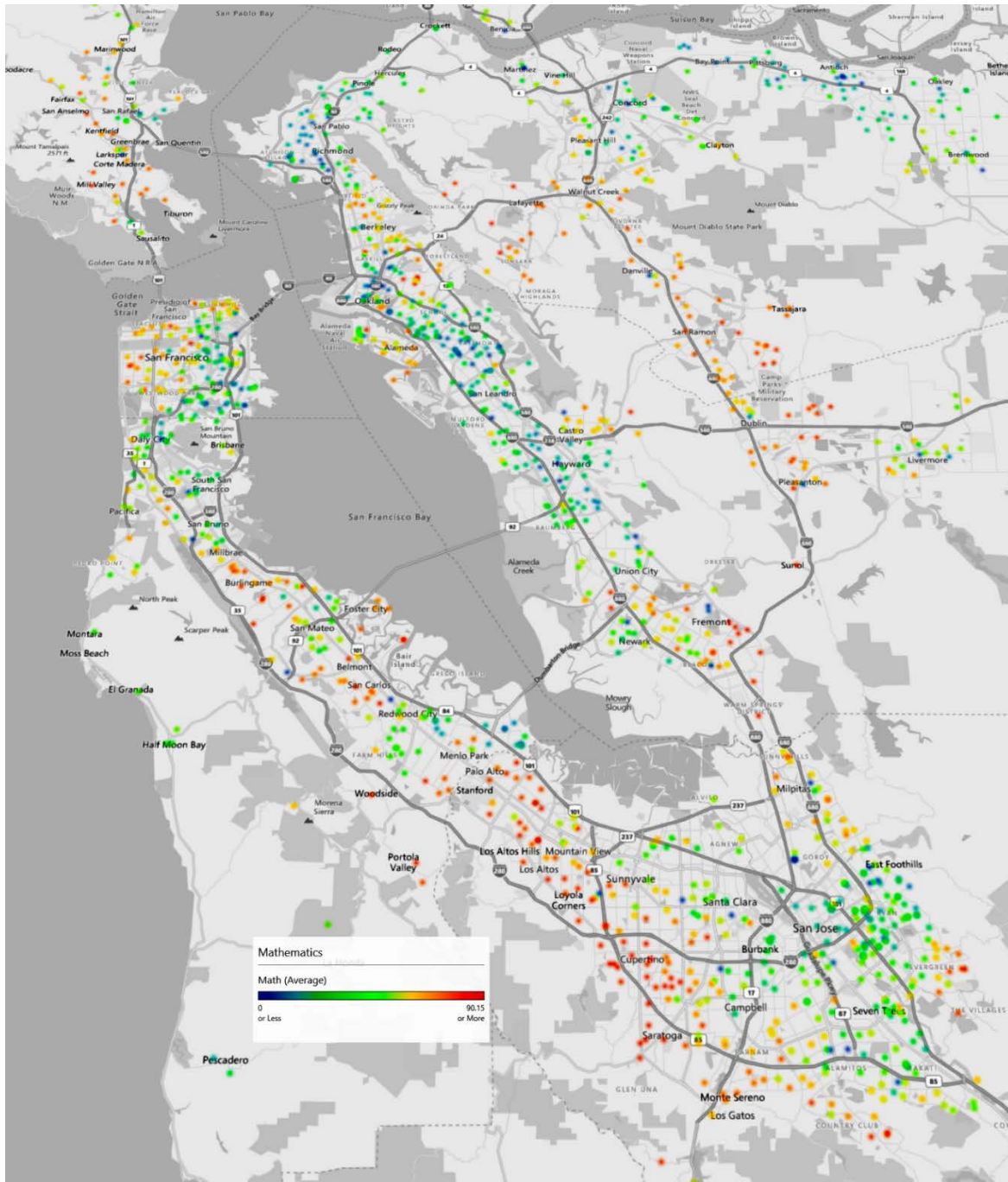
Bay Area Scores

The map shows the percentage of students meeting or exceeding the standards on the tests. The “temperature” of the color indicates the percentage where blue is lowest and red is highest.

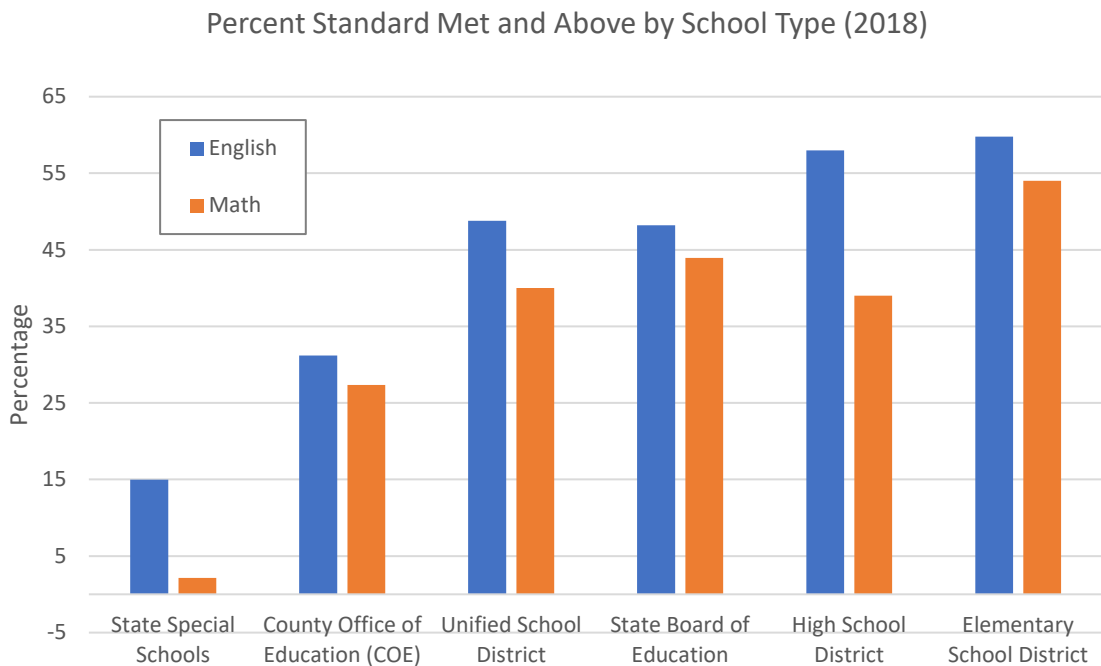
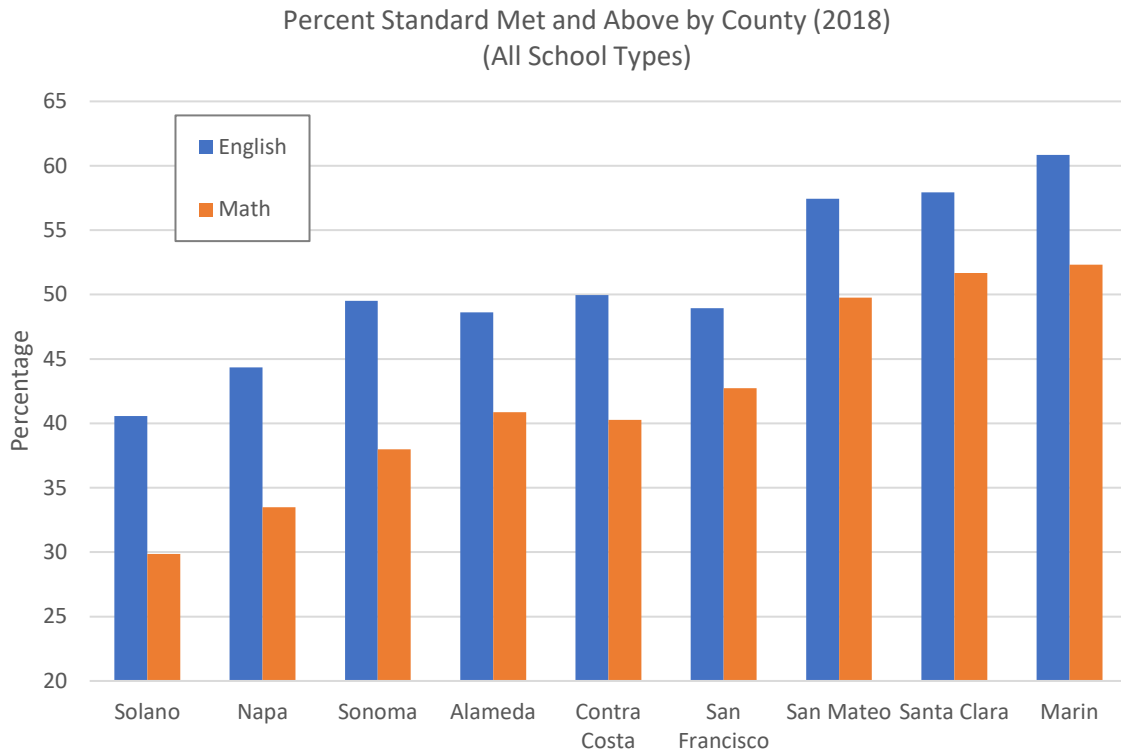
English Test (2018)



Math Test (2018)

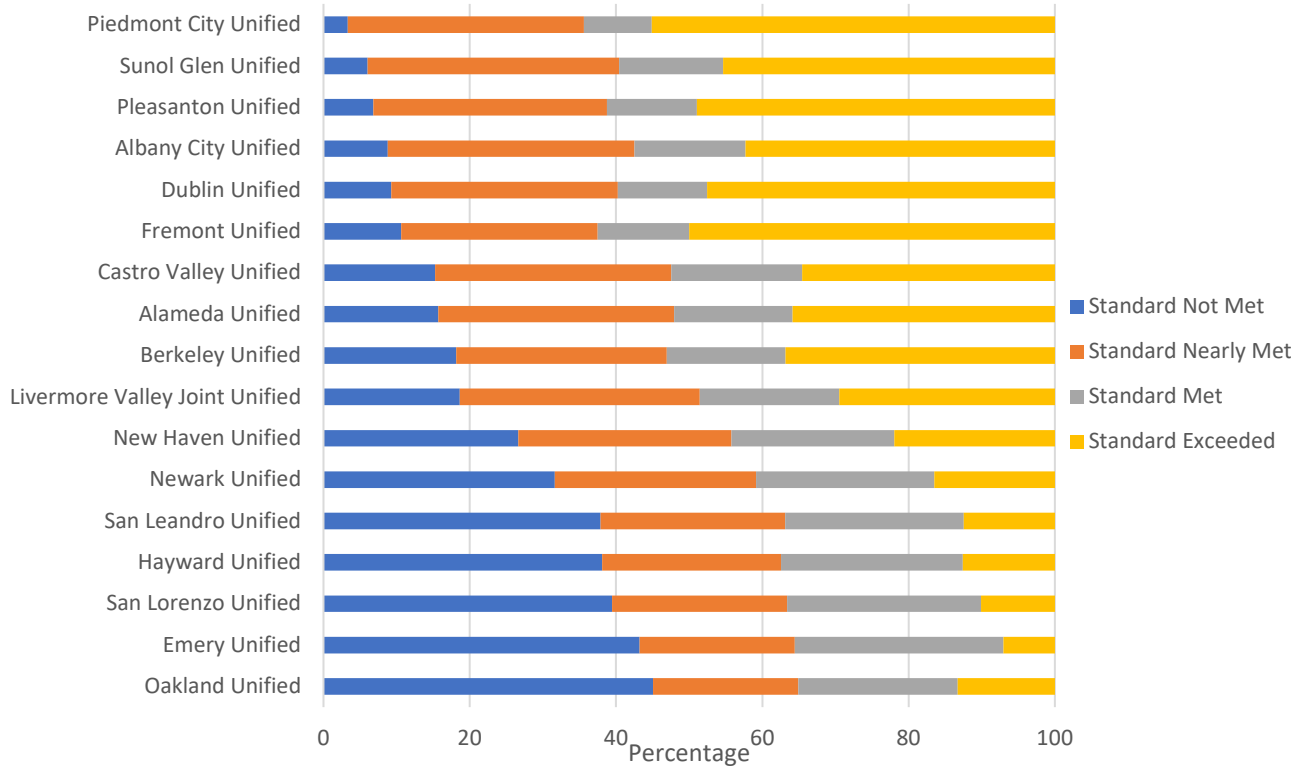


Bay Area Test Results

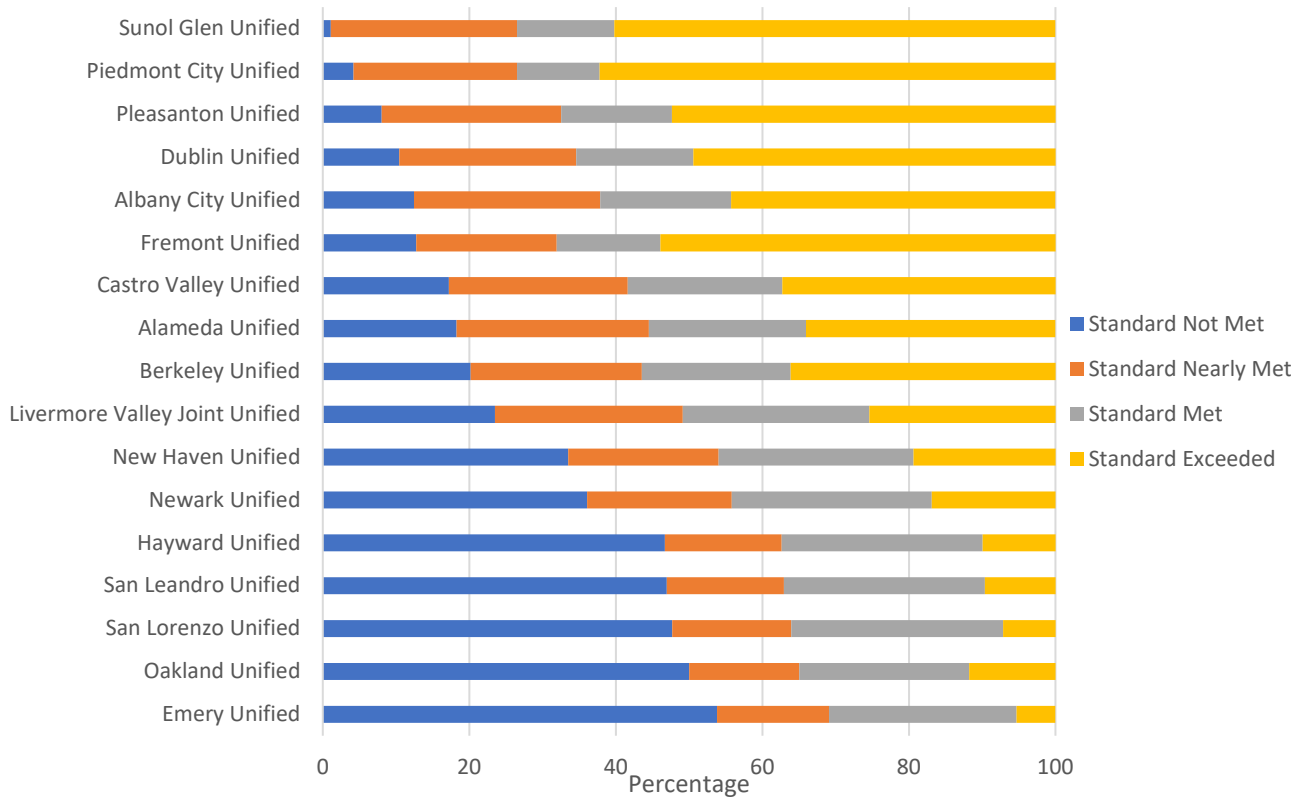


Alameda County Test Results

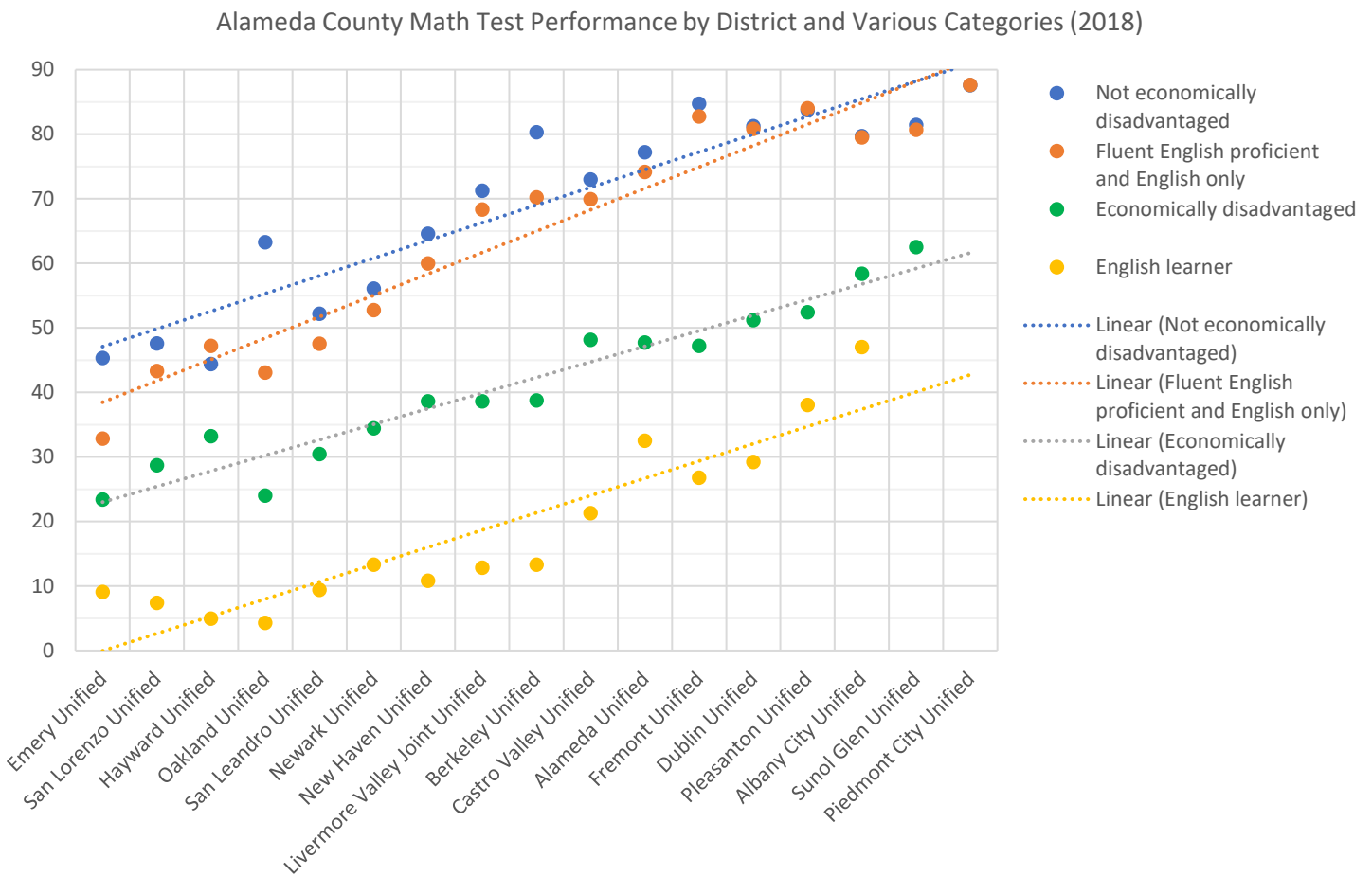
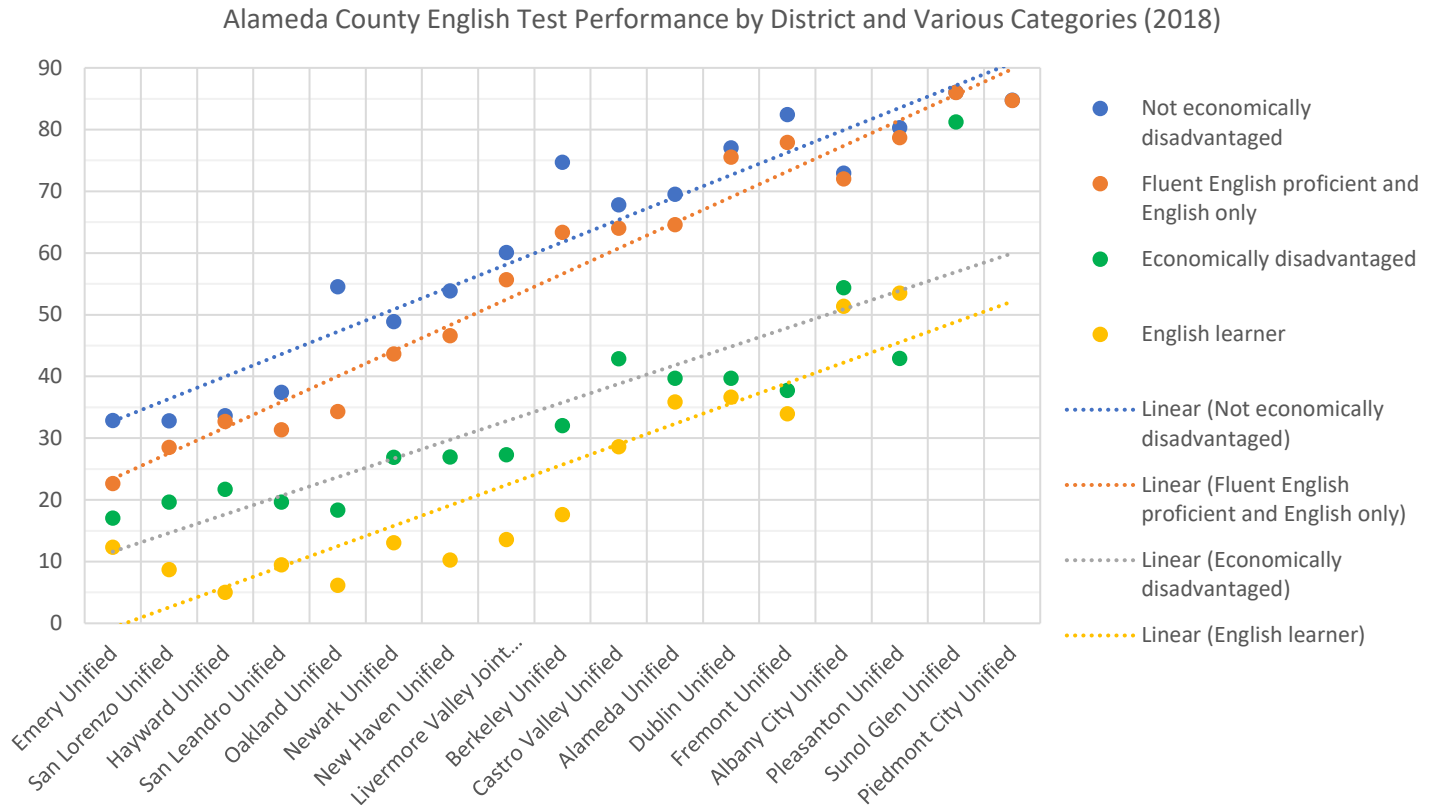
Alameda County English Test Scores by District (2018)



Alameda County Math Test Scores by District (2018)



Percentage of students meeting or exceeding the standard. The various categories could overlap.



Best Performing Schools - Math Test (2018)

For students classified as *Not Economically Disadvantaged*:

School	Charter	Percent Standard Met or Above
Mission San Jose High [Fremont Unified]	N	82.1
Sunol Glen Elementary [Sunol Glen Unified]	N	81.3
Alameda Science and Technology Institute [Alameda Unified]	N	80.0
Downtown Charter Academy [Oakland Unified]	Y	78.4
Mission San Jose Elementary [Fremont Unified]	N	76.5
Yu Ming Charter [Alameda County Office of Education]	Y	75.0
American Indian Public Charter [Oakland Unified]	Y	68.8
Lincoln Elementary [Oakland Unified]	N	68.1
Cornell Elementary [Albany City Unified]	N	66.7
Jensen Ranch Elementary [Castro Valley Unified]	N	66.7
American Indian Public Charter II [Oakland Unified]	Y	66.6
Warm Springs Elementary [Fremont Unified]	N	66.1
Proctor Elementary [Castro Valley Unified]	N	64.7
Donald D. Lum Elementary [Alameda Unified]	N	63.3
Bay Farm [Alameda Unified]	N	62.8

For students classified as *Economically Disadvantaged*:

School	Charter	Percent Standard Met or Above
Mission San Jose High [Fremont Unified]	N	94.9
John Gomes Elementary [Fremont Unified]	N	94.2
Mission San Jose Elementary [Fremont Unified]	N	94.0
Alameda Science and Technology Institute [Alameda Unified]	N	93.1
Havens Elementary [Piedmont City Unified]	N	92.4
Warm Springs Elementary [Fremont Unified]	N	92.4
William Hopkins Junior High [Fremont Unified]	N	92.1
Joshua Chadbourne Elementary [Fremont Unified]	N	91.9
Mission Valley Elementary [Fremont Unified]	N	91.3
J. M. Amador Elementary [Dublin Unified]	N	91.2
Yu Ming Charter [Alameda County Office of Education]	Y	91.0
Beach Elementary [Piedmont City Unified]	N	90.7
Ardenwood Elementary [Fremont Unified]	N	89.8
Jensen Ranch Elementary [Castro Valley Unified]	N	89.5
Phoebe Apperson Hearst Elementary [Pleasanton Unified]	N	89.2

Best Performing Schools - English Test (2018)

For students classified not as *Not Economically Disadvantaged*:

School-District	Charter	Percent Standard Met and Above
Mission San Jose Elementary [Fremont Unified]	N	95.0
Mission San Jose High [Fremont Unified]	N	94.6
Alameda Science and Technology Institute [Alameda Unified]	N	93.1
J. M. Amador Elementary [Dublin Unified]	N	93.0
William Hopkins Junior High [Fremont Unified]	N	93.0
Yu Ming Charter [Alameda County Office of Education]	Y	92.1
John Gomes Elementary [Fremont Unified]	N	91.8
Beach Elementary [Piedmont City Unified]	N	91.3
Jensen Ranch Elementary [Castro Valley Unified]	N	90.9
Forest Park Elementary [Fremont Unified]	N	90.7
Oxford Elementary [Berkeley Unified]	N	90.6
American High [Fremont Unified]	N	90.5
Piedmont High [Piedmont City Unified]	N	90.4
Mission Valley Elementary [Fremont Unified]	N	90.4
Warm Springs Elementary [Fremont Unified]	N	90.2

For students classified as *Economically Disadvantaged*:

School-District	Charter	Percent Standard Met and Above
Alameda Science and Technology Institute [Alameda Unified]	N	93.3
Mission San Jose High [Fremont Unified]	N	85.7
KIPP King Collegiate High [San Lorenzo Unified]	Y	85.3
Oakland Charter High [Oakland Unified]	Y	83.7
Mission San Jose Elementary [Fremont Unified]	N	82.4
Fairlands Elementary [Pleasanton Unified]	N	81.5
Leadership Public Schools - Hayward [Hayward Unified]	Y	75.3
Yu Ming Charter [Alameda County Office of Education]	Y	75.0
Downtown Charter Academy [Oakland Unified]	Y	73.7
KIPP Summit Academy [San Lorenzo Unified]	Y	73.5
Proctor Elementary [Castro Valley Unified]	N	72.6
Chabot Elementary [Oakland Unified]	N	72.0
American High [Fremont Unified]	N	70.9
Bay Farm [Alameda Unified]	N	70.6
Warm Springs Elementary [Fremont Unified]	N	70.5

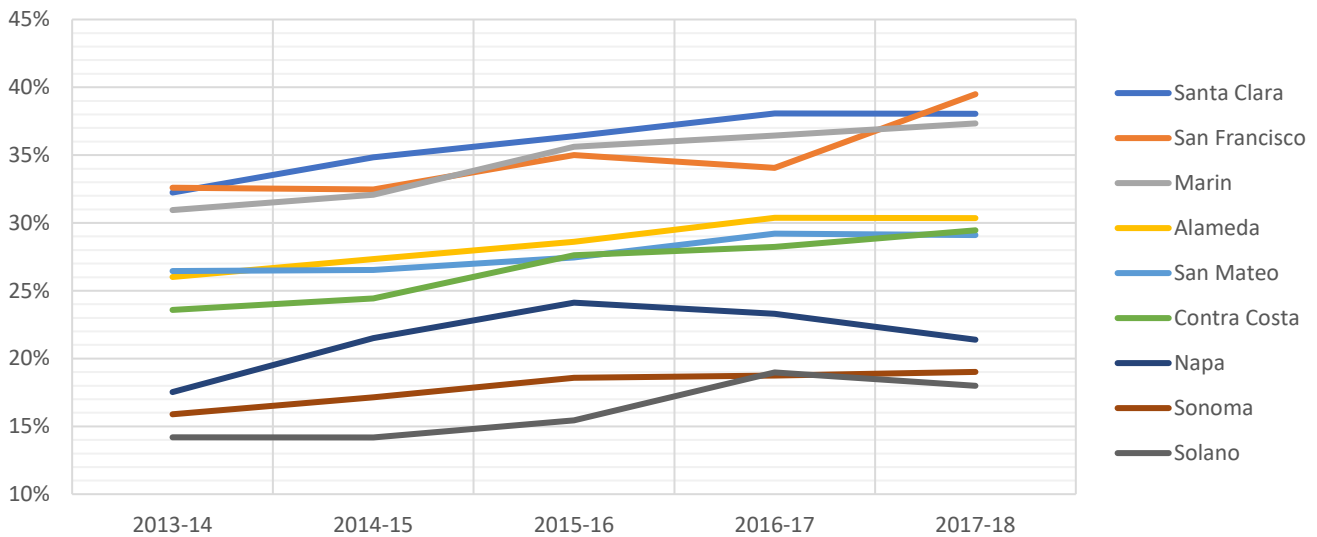
For students classified as *English Learners*:

School	Charter	Percent Standard Met and Above
Walnut Grove Elementary [Pleasanton Unified]	N	68.8
Marin Elementary [Albany City Unified]	N	65.4
Phoebe Apperson Hearst Elementary [Pleasanton Unified]	N	64.7
Amelia Earhart Elementary [Alameda Unified]	N	63.9
Fairlands Elementary [Pleasanton Unified]	N	62.5
Edison Elementary [Alameda Unified]	N	62.5
John Gomes Elementary [Fremont Unified]	N	62.5
Ocean View Elementary [Albany City Unified]	N	62.1
Jensen Ranch Elementary [Castro Valley Unified]	N	61.5
Lawrence Elementary [Livermore Valley Joint Unified]	N	53.9
Vintage Hills Elementary [Pleasanton Unified]	N	52.9
Thomas S. Hart Middle [Pleasanton Unified]	N	52.4
Warm Springs Elementary [Fremont Unified]	N	50.0
Montclair Elementary [Oakland Unified]	N	50.0
Bay Farm [Alameda Unified]	N	50.0

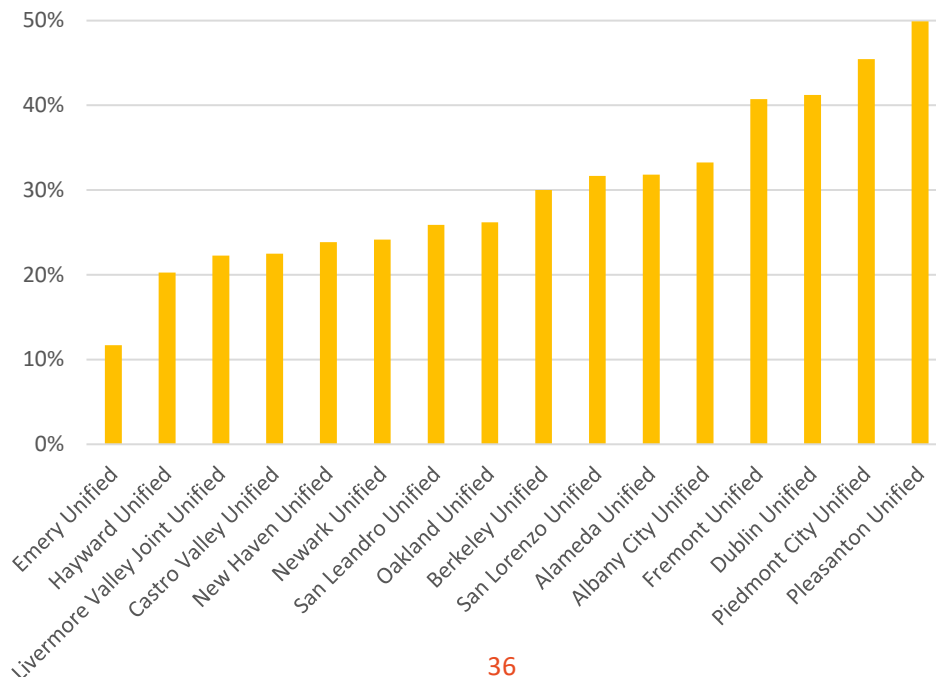
High School AP Classes

The AP test program has been administered by the College Board, a non-profit organization based in New York, since 1955. More than 30 AP courses and examinations spanning multiple subject areas are offered to students at the secondary school level. AP examinations are administered each year in May and represent the culmination of college-level work in a given discipline. Completed AP examinations are scored on a numeric scale from 1 to 5. Students earning qualifying scores on AP examinations may obtain course credit and/or placement from colleges and universities. However, policies regarding the acceptance of AP exams or the scoring level required for course credit and/or placement vary from one college or university to the next. Individual colleges and universities, not the College Board or the AP test program, grant course credit and placement.

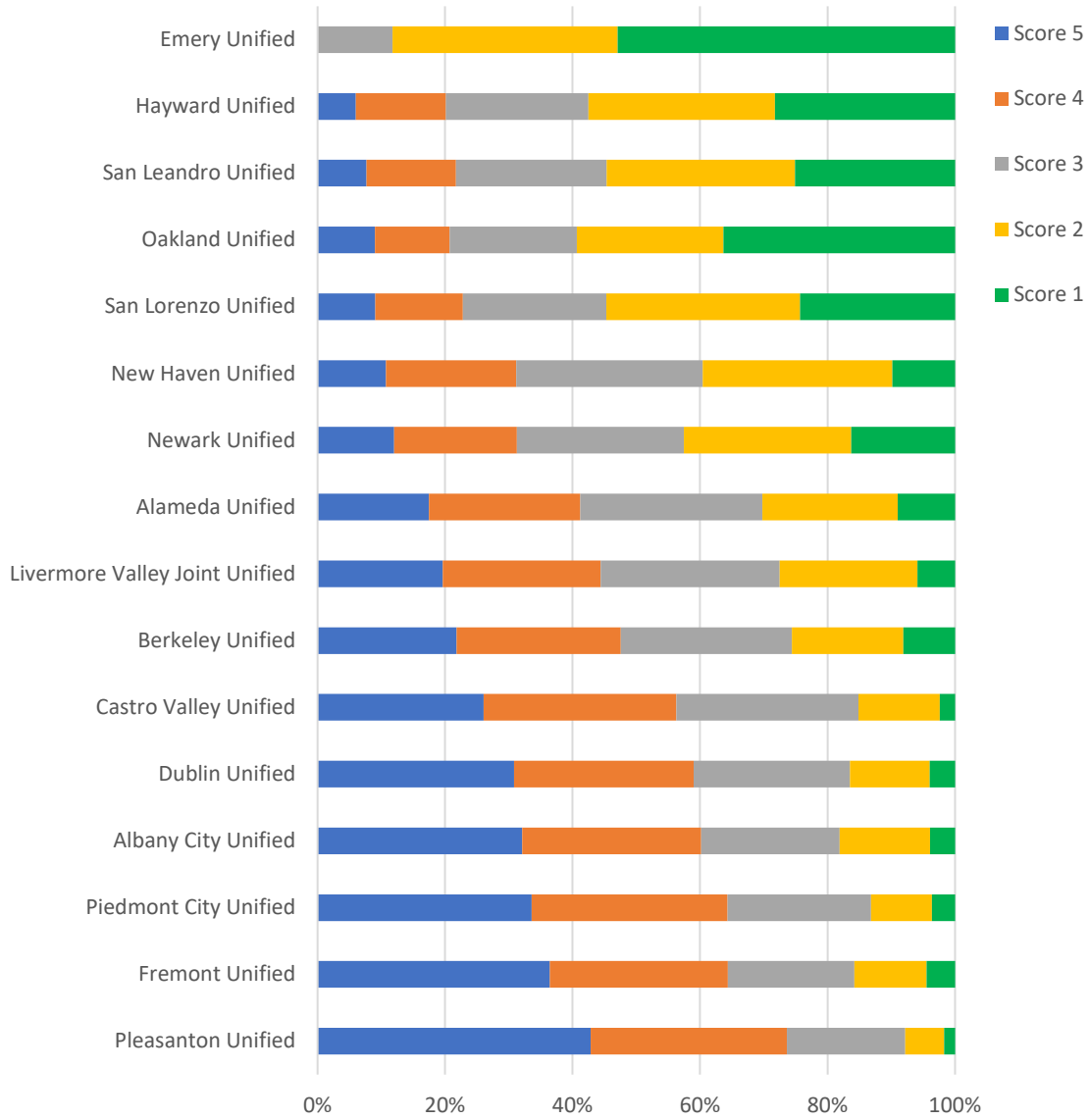
Percentage of Students who have Taken AP Tests by County (2013 - 2018)
(All School Types)



Alameda County Percentage of Students who have Taken AP Classes by District (2018)



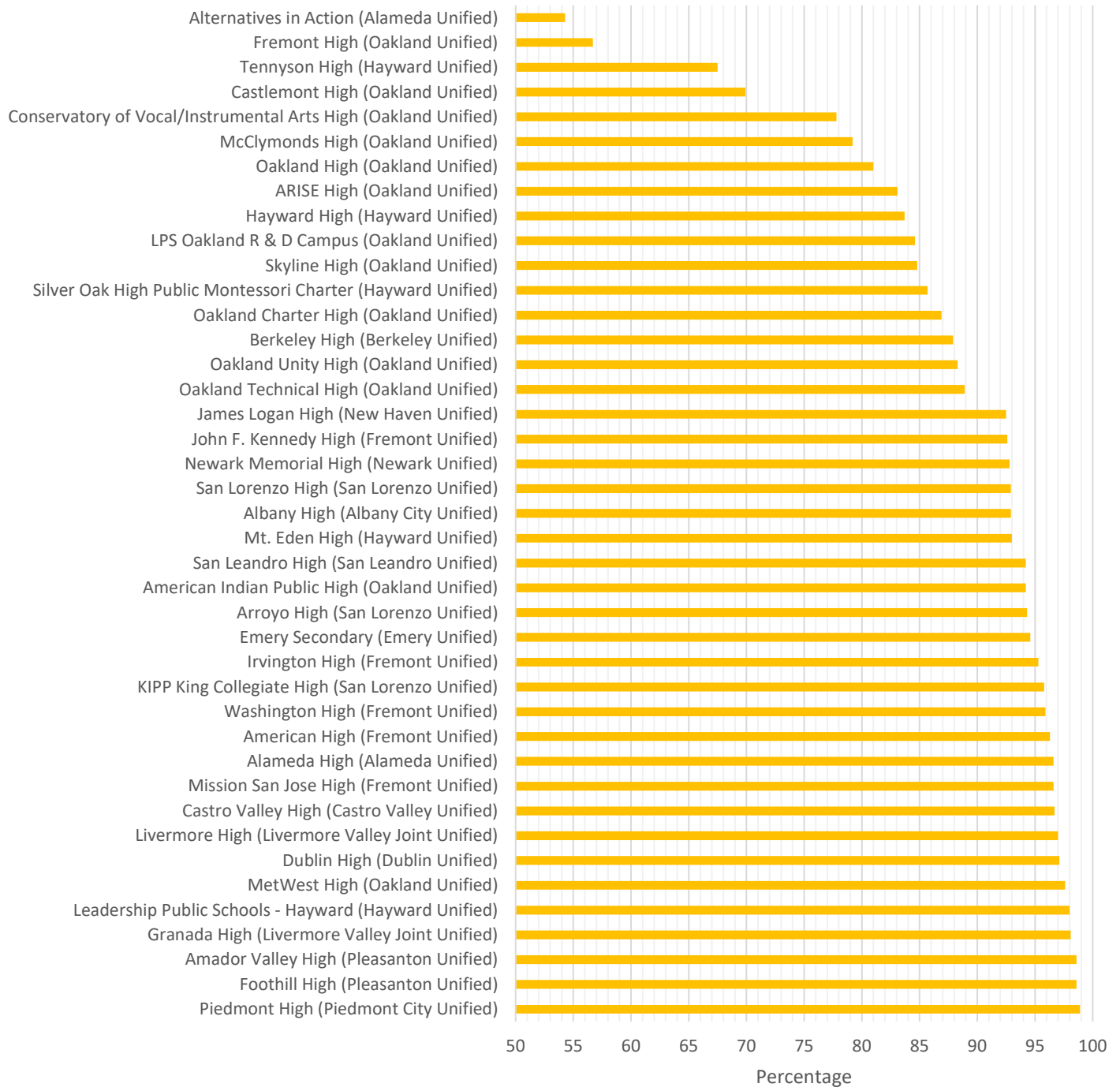
Alameda County AP Test Scores by District (2018)



High School Graduation Rates

Alameda County Traditional High Schools

Alameda County High School Graduation Rates (> 50%)(2018)



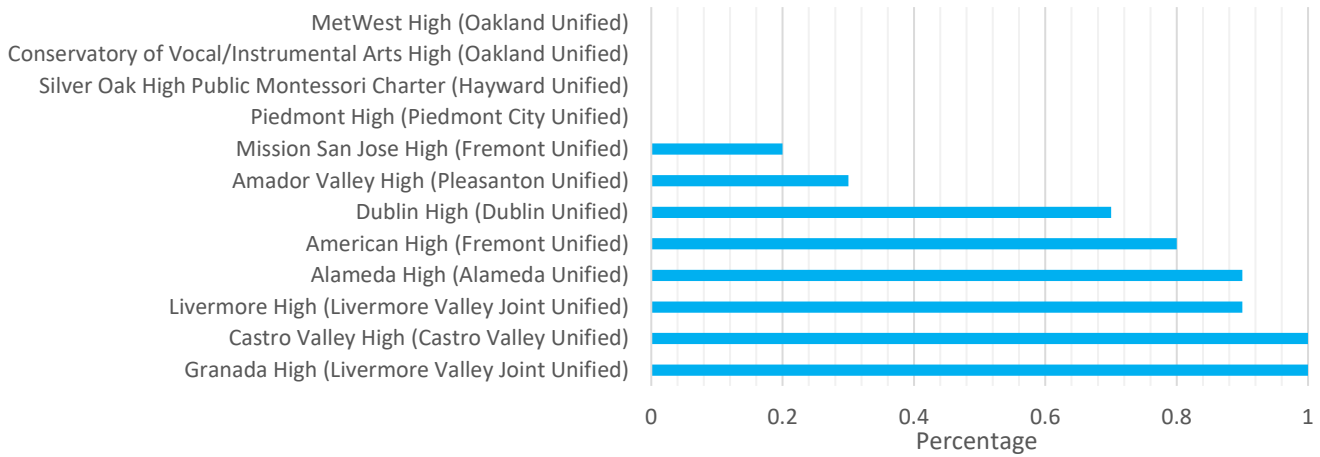
Alameda County Alternative High Schools

Alameda County Alternative High School Graduation Rates (> 50%) (2018)

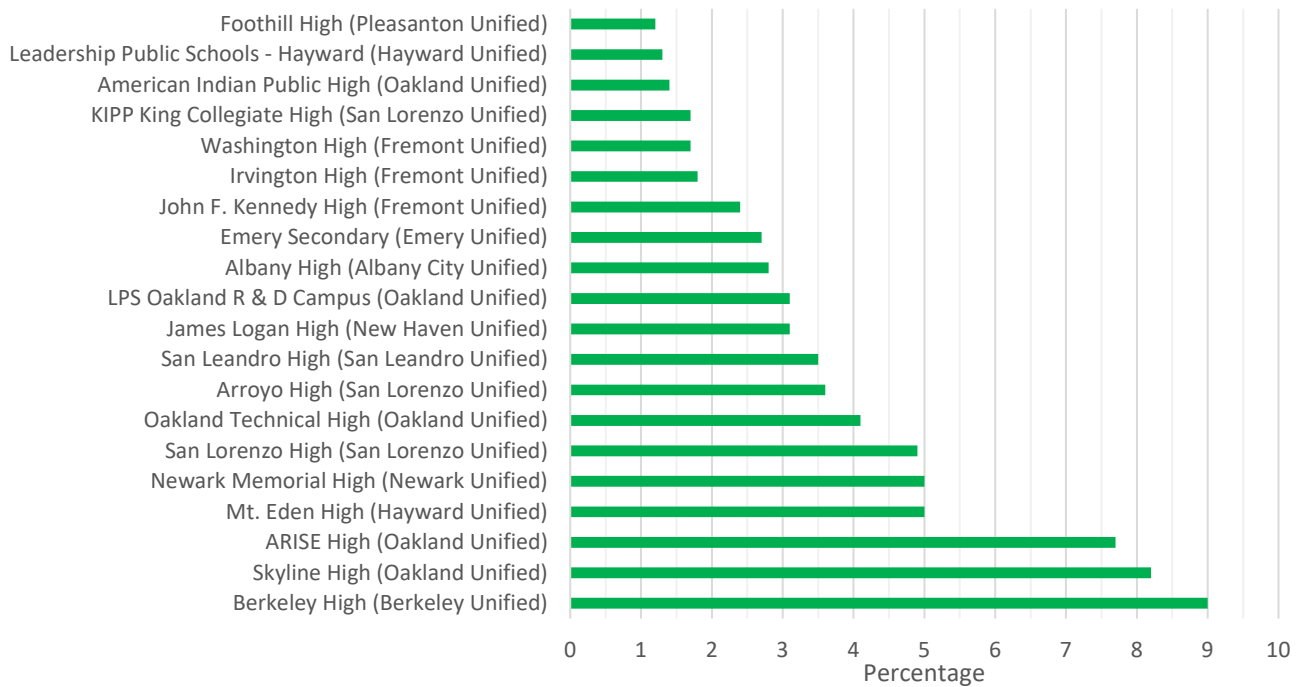


High School Dropouts

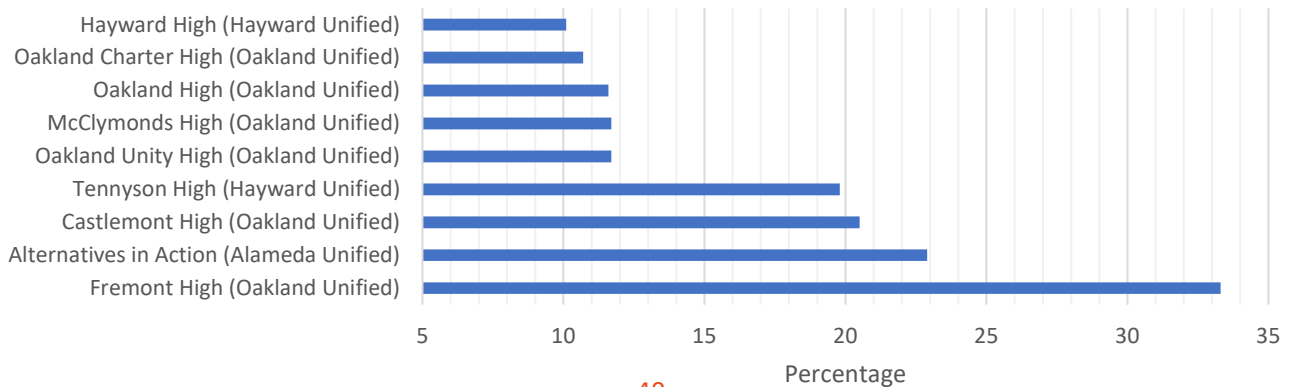
Alameda County High Schools Dropout Rate (<= 1%) (2018)



Alameda County High School Dropout Rate (Between 1% and 10%) (2018)

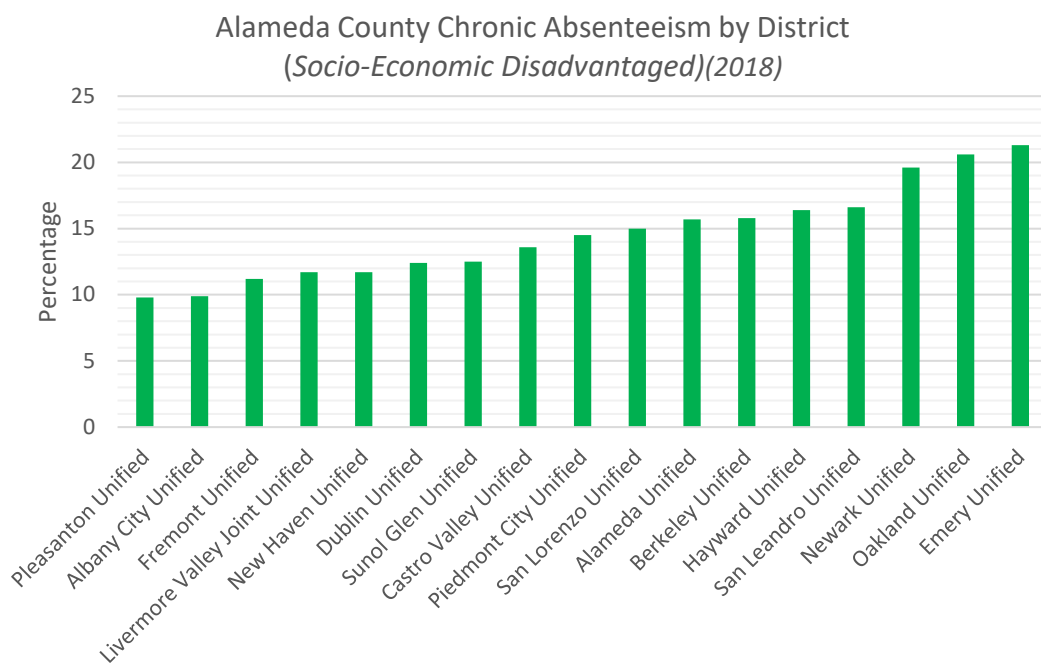
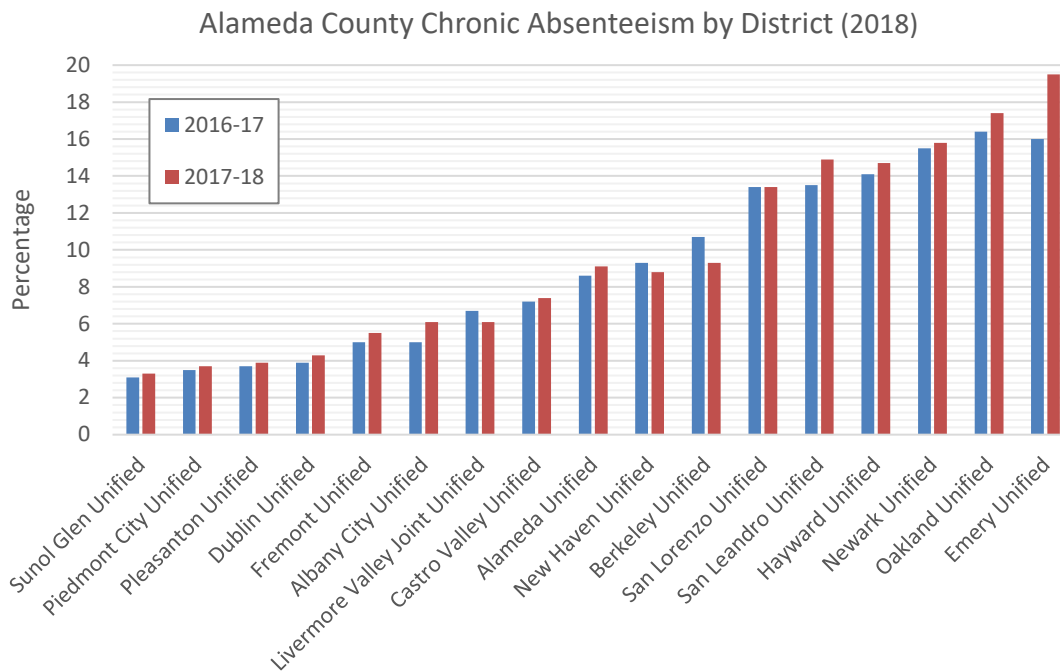


Alameda County High School Dropout Rate (> 10%) (2018)

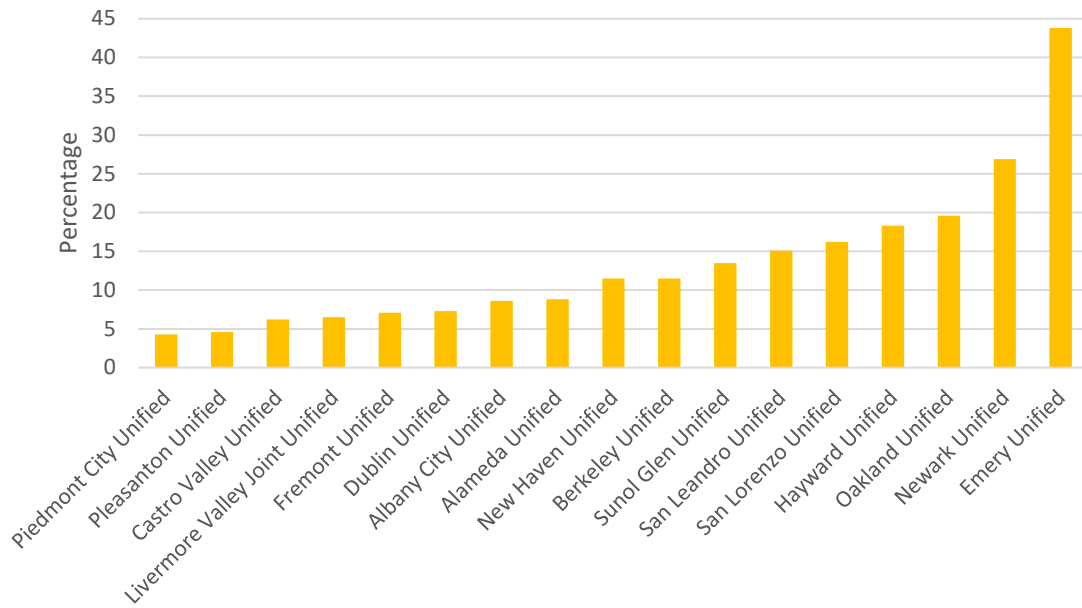


Chronic Absenteeism

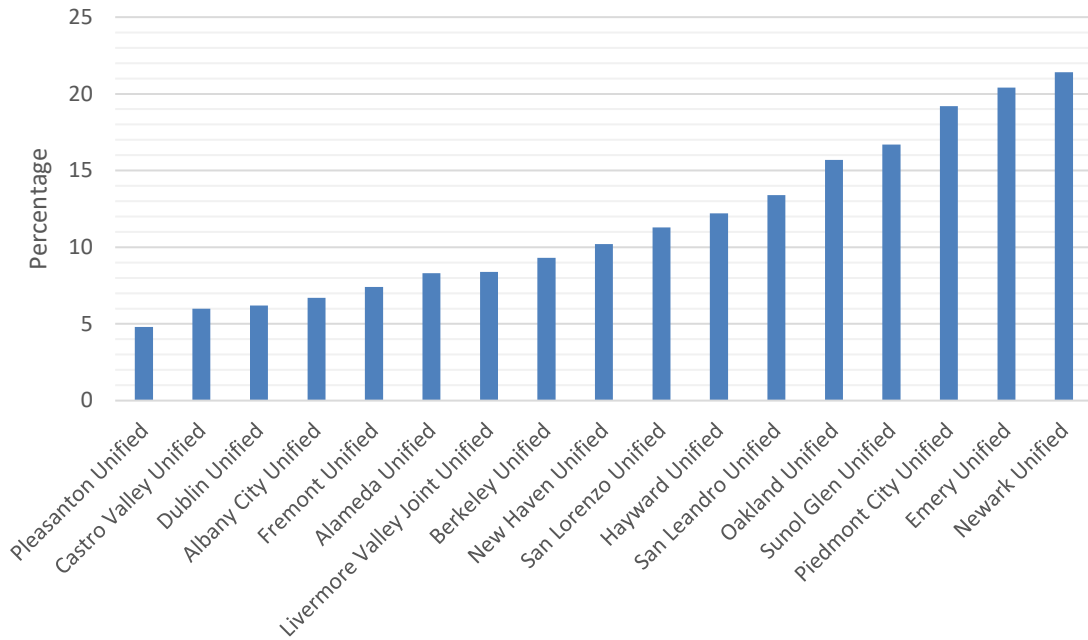
Students are considered chronically absent if they are absent at least 10 percent of the instructional days that they were enrolled in a school. A distinguishing feature of this measure is that the goal is reversed. For most of the other measures, the desired outcome is a high number or percent in the current year and an increase from the prior year. For this measure, however, the desired outcome is a low suspension rate, which means a low percent in the current year and a decline from the prior year rate.



Alameda County Chronic Absenteeism by District (Kindergarten)(2018)

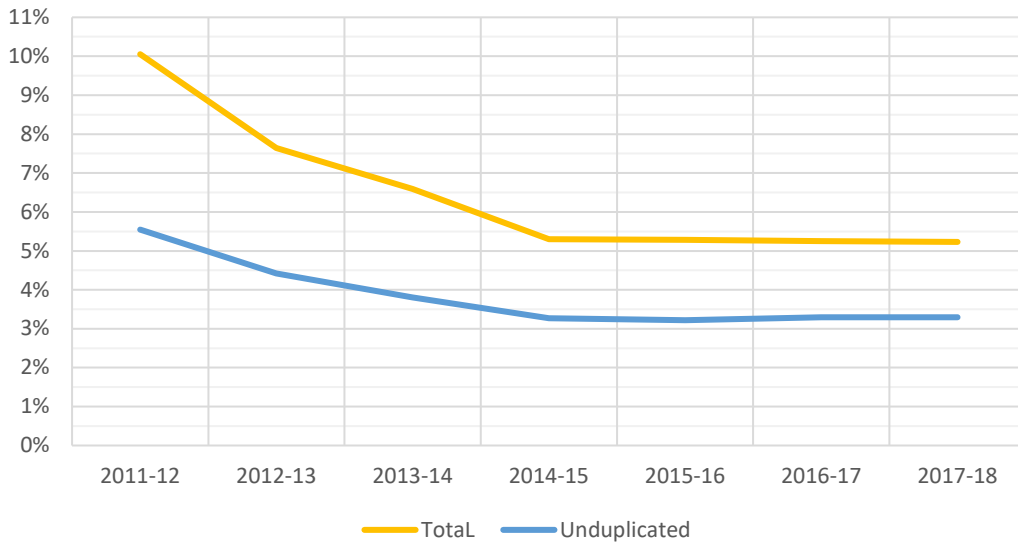


Alameda County Chronic Absenteeism by District (English Learners) (2018)

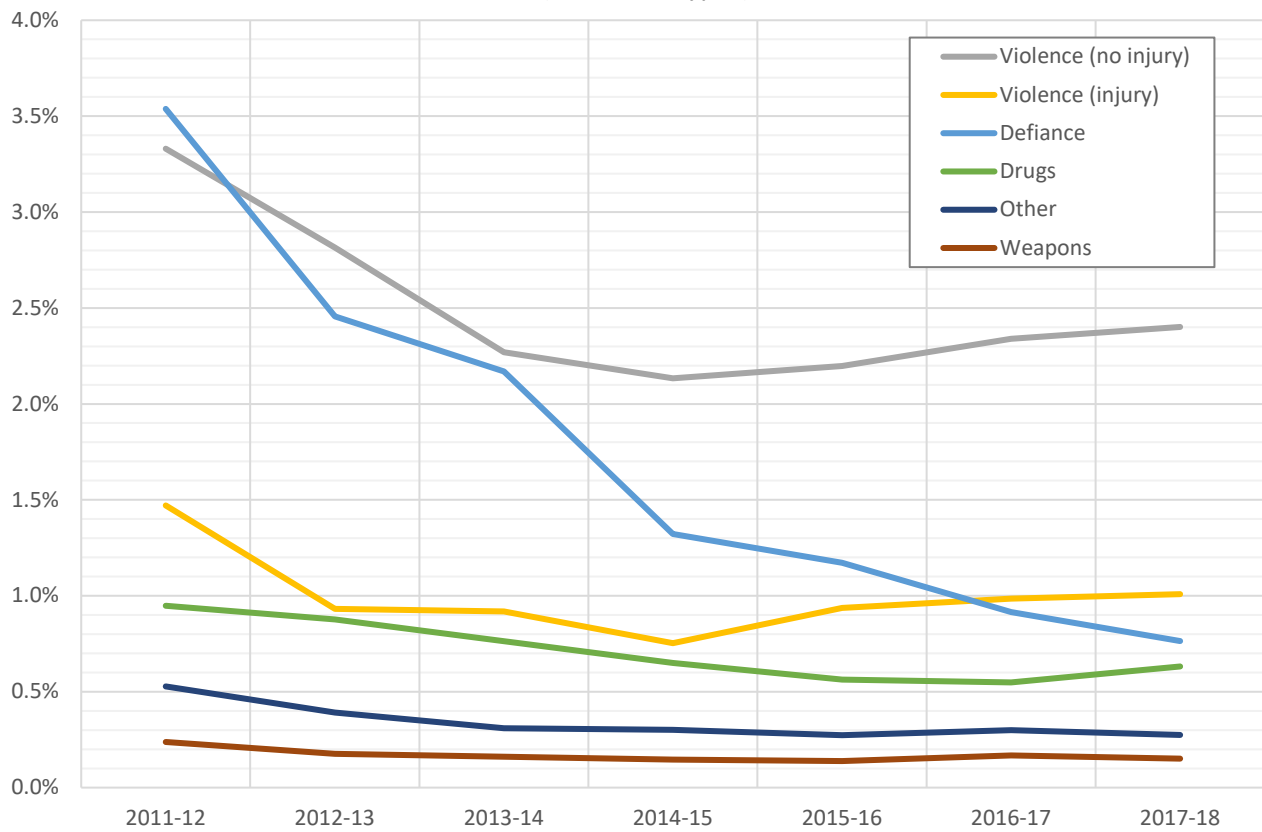


Suspensions

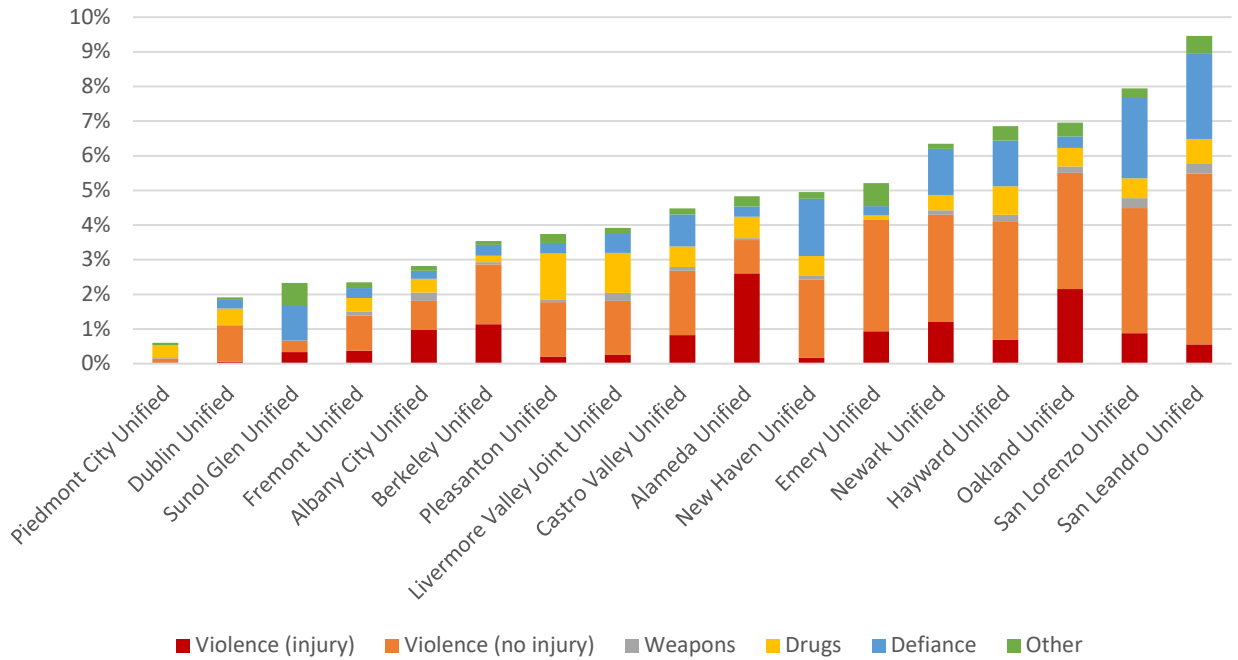
Alameda County Suspension Rates (2012 - 2018)
(All School Types)



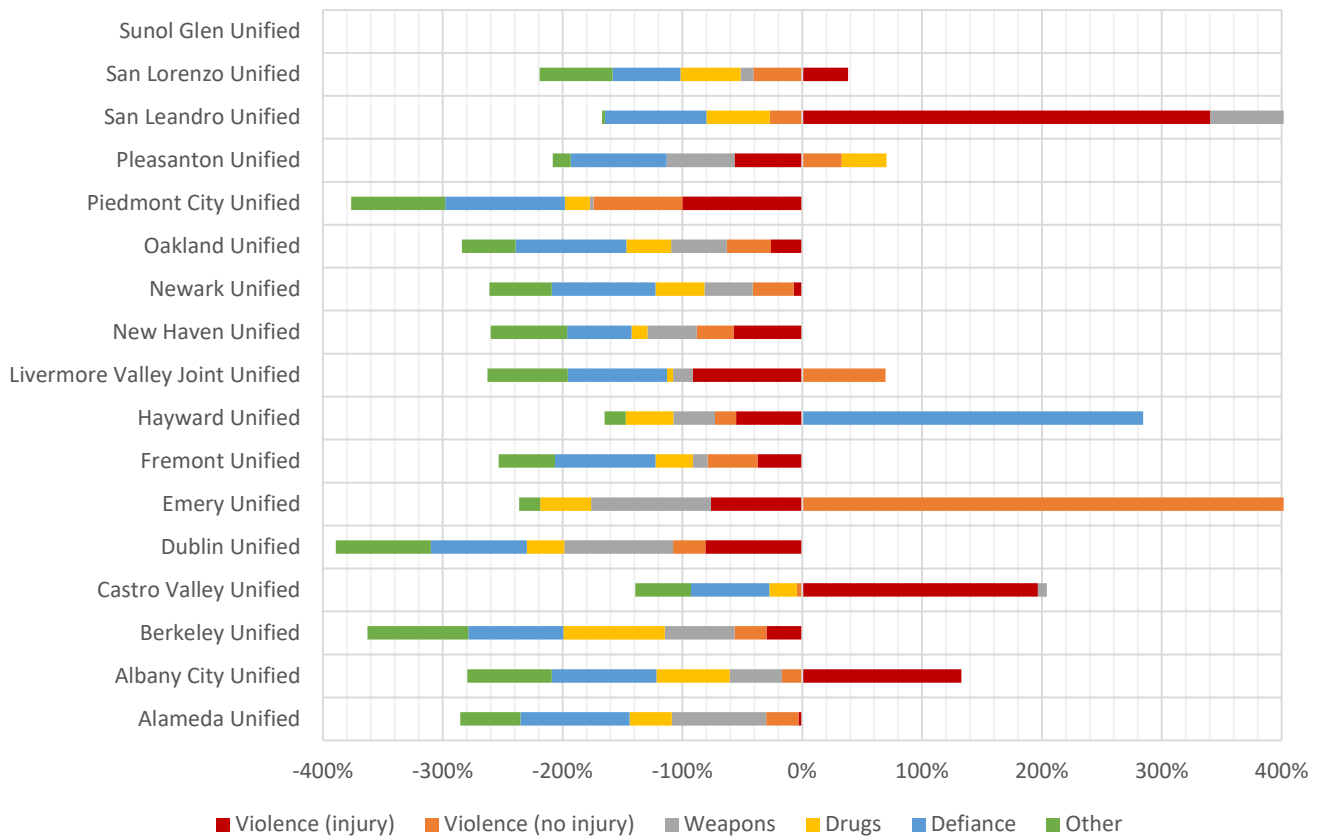
Alameda County Suspension Rates by Type (2012 - 2018)
(All School Types)



Alameda County Suspension Rates by District and Type (2018)



Alameda County Decrease/Increase by District and Category between 2010 and 2018



Emery Unified actual increase of "Violence (no injury)" is 2666% but is capped to 400% on the chart.

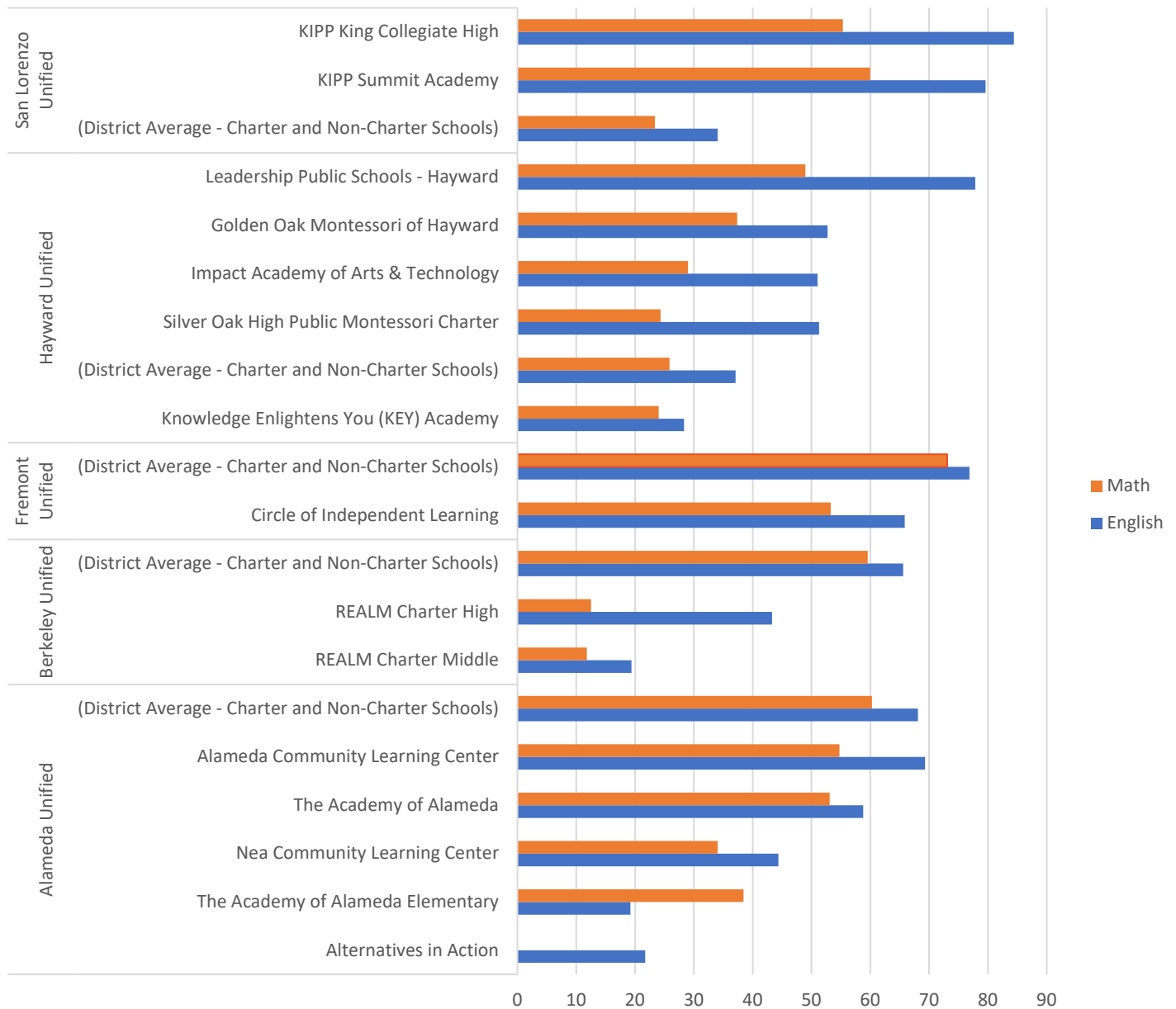
Charter Schools

Five Districts in Alameda County have charter schools:

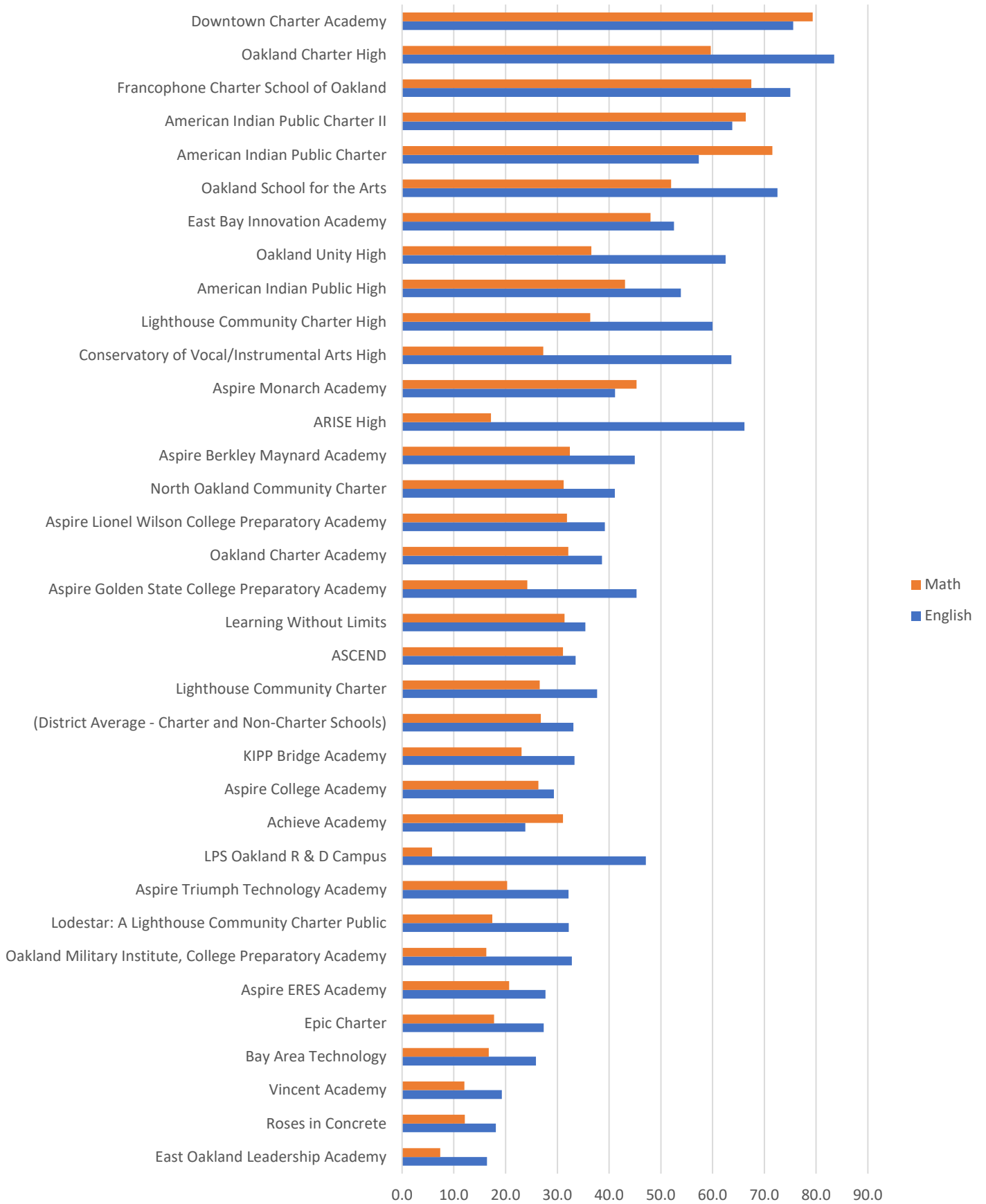
District	Schools	Percentage of Total Students
Fremont Unified	1	0.97%
San Lorenzo Unified	2	5.15%
Berkeley Unified	2	8.99%
Hayward Unified	5	10.17%
Alameda Unified	5	15.94%
Oakland Unified	35	26.22%

CAASPP Test Scoring Performance

Percent Standard Met and Above Test Scores for Charter Schools (Excl.Oakland)(2018)

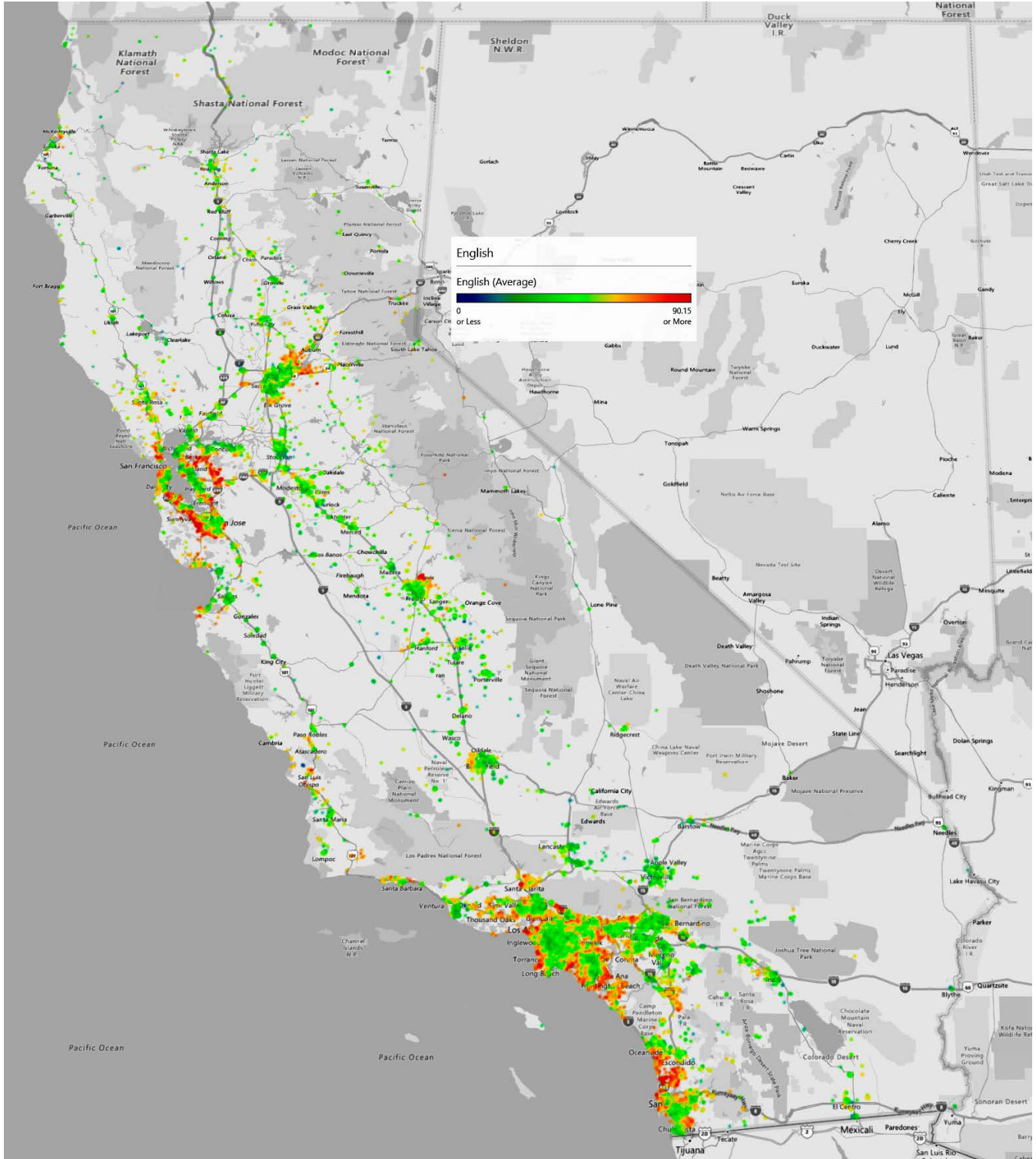


Percent Standard Met and Above Test Scores for Charter Schools in Oakland Unified (2018)

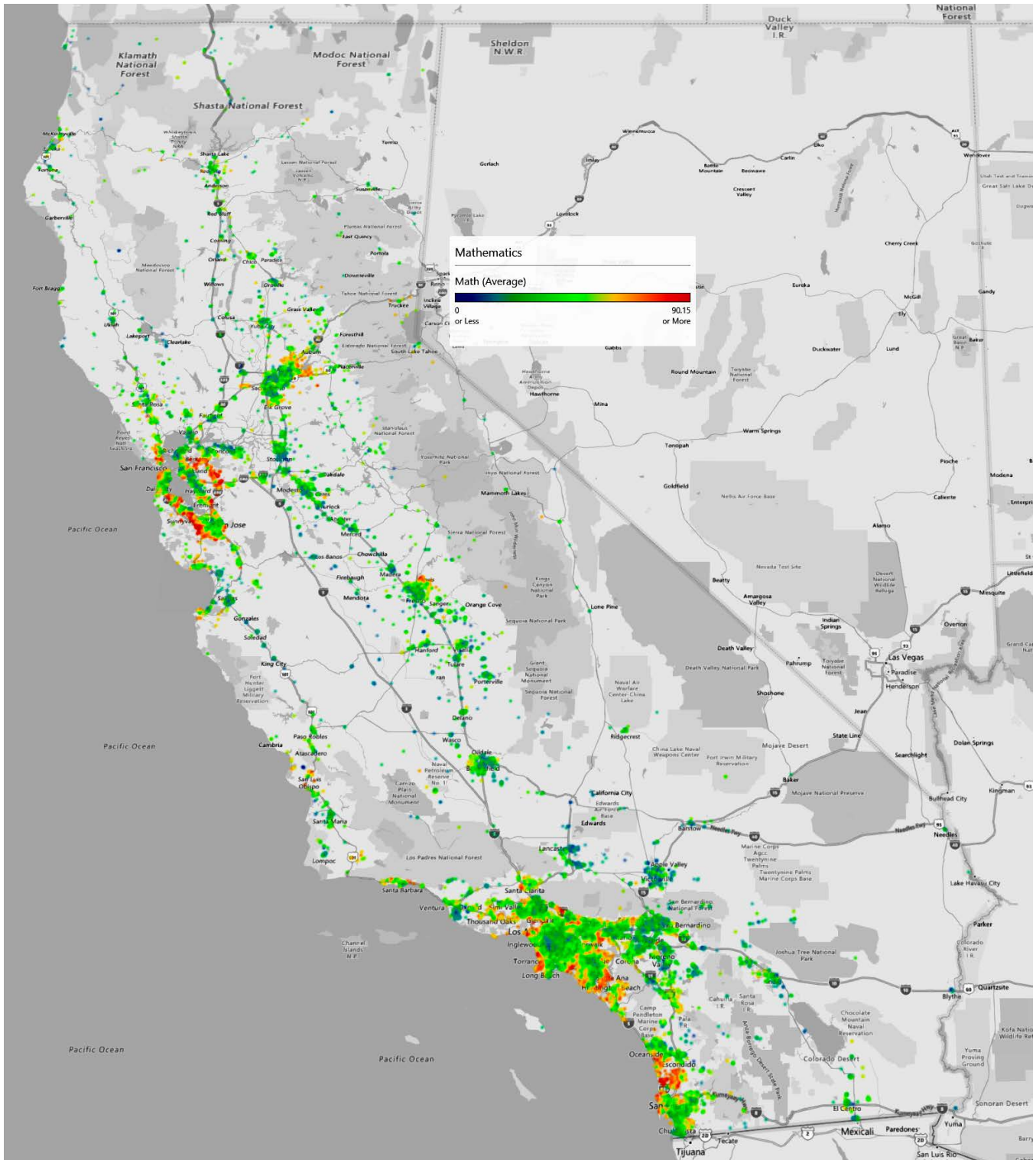


Attachments

California English Test Heat Map



California Math Test Heat Map



Data Sources

All data sourced from data files available at <http://www.cde.ca.gov>

Descriptions and Definitions are from the California Department of Education and Wikipedia.

Albany Unified is listed in the CDE data as Albany City Unified.

Piedmont Unified is listed in the CDE data as Piedmont City Unified.

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Cary Knoop has a background in software development, information technology and video technology.

I thank those who provided suggestions and made reviews of this document.

May 2019 – Document Version 4.3