District

School Expense = Student Performance ?

An analysis of data across California High School Districts (2017 - 2019)

Total High School Cohort
372,763

Received Regular High School Diploma
321,780

Met UC/CSU Admission Req
161,256

Dropout
27,687

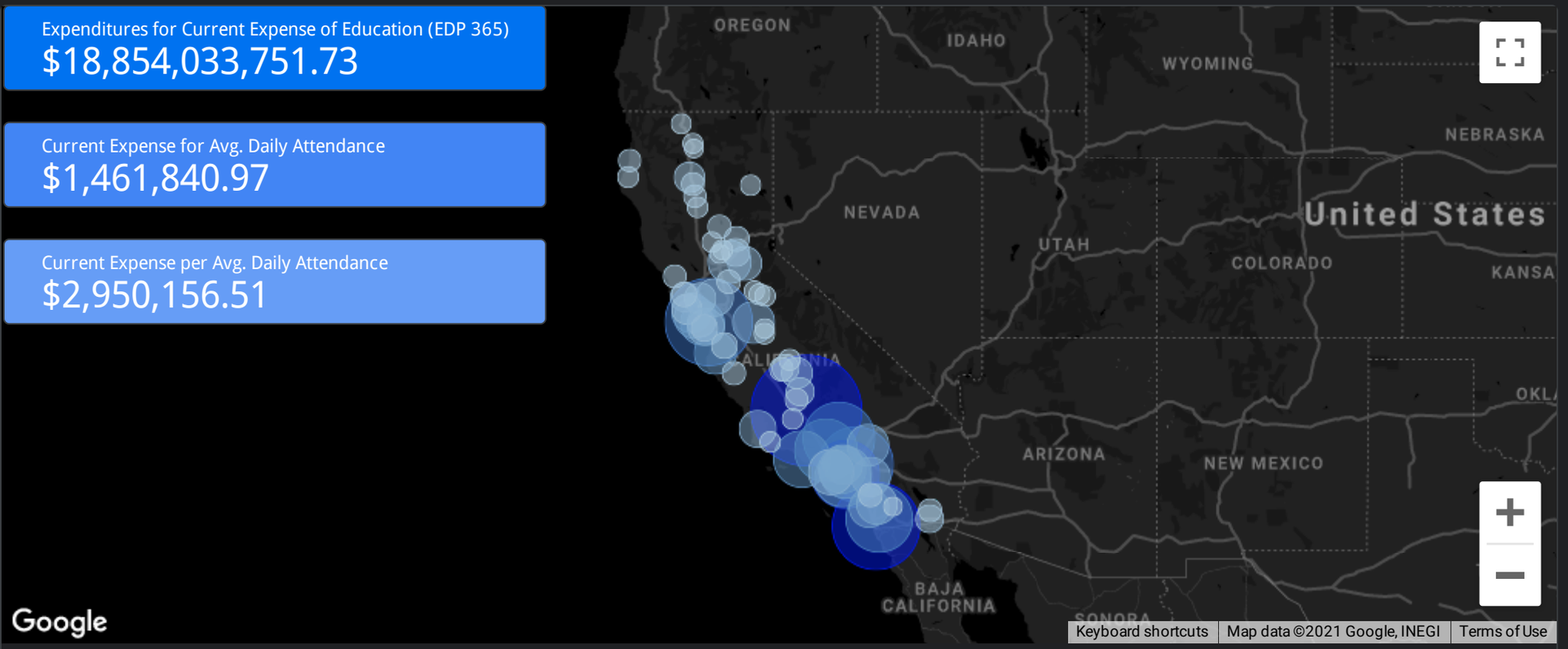
Total Districts =
71

Years Span =
3

Expenditures for Current Expense of Education (EDP 365)
$18,854,033,751.73

Current Expense for Avg. Daily Attendance
$1,461,840.97

Current Expense per Avg. Daily Attendance
$2,950,156.51

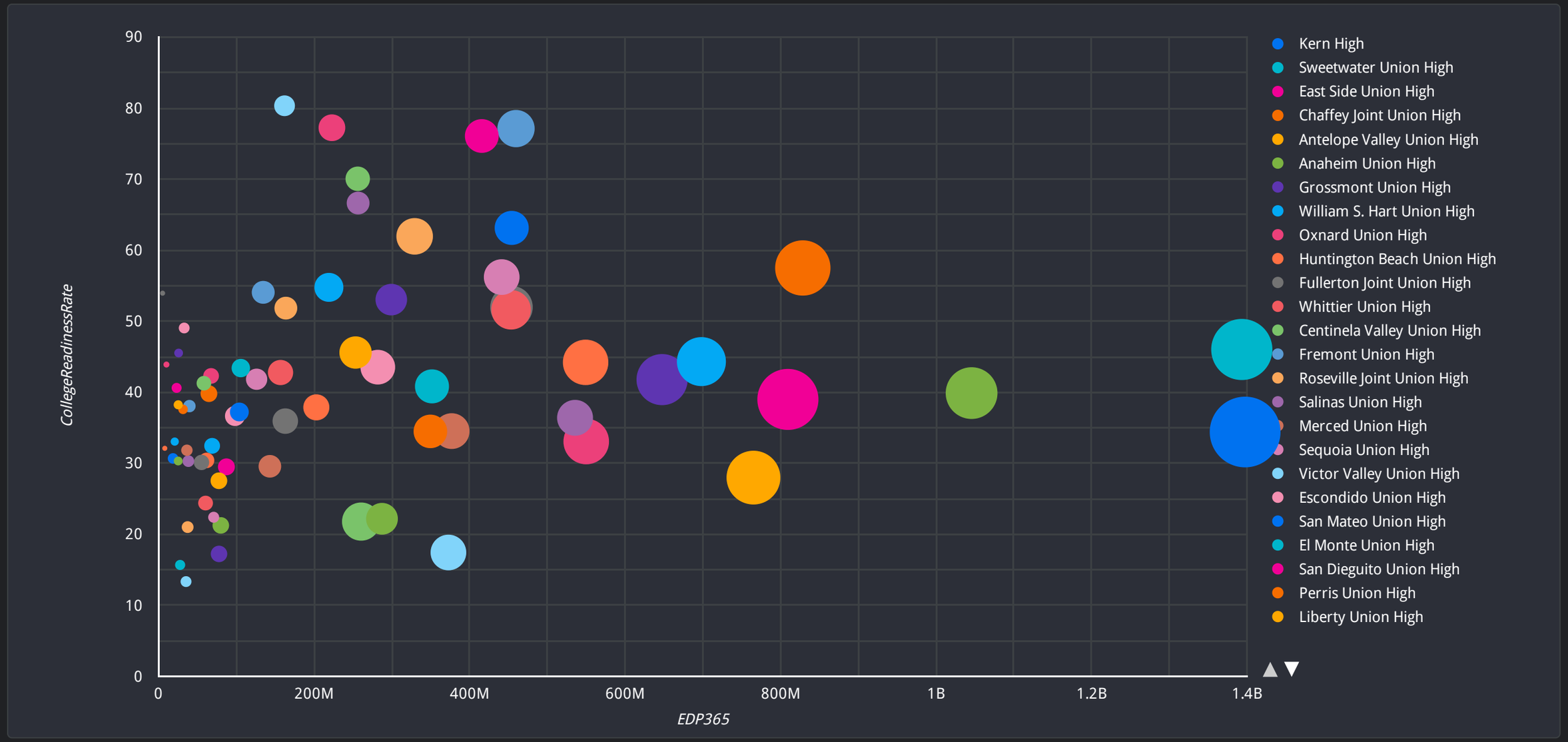


CohortStudents
50 28,978

EDP365
5,241,050 1,397,553,923.8

Team 98
Revell **Bell**
Judith **Ekwoge**
Moyosoore **Kemi-Rotimi**
Gent **Stone**
TA: Peyton **Runyan**

Correlation between College Readiness and School District Expense



A fairly high correlation between expense and cohort size but no direct correlation between expense and performance.

Largest and Lowest Expense across Districts

District | Year

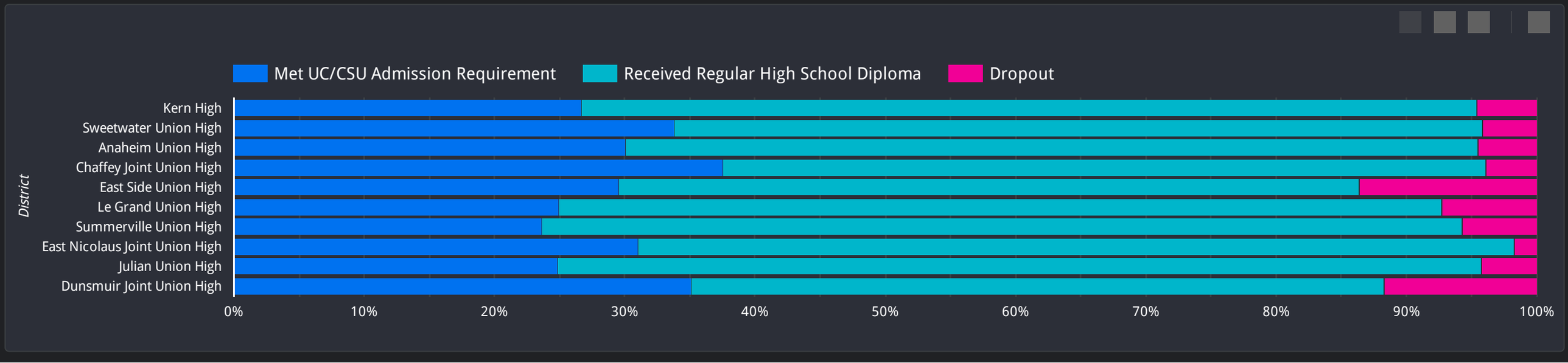
Total Districts	CohortStudents
10	106,871

∞ California records the most and the least expenses in these 10 school districts

∞ Despite being in the bottom 5 schools with least expenses, a comparable percent (~35%) of Dunsmuir Joint Union High district's graduates meet the University of California/California State University admissions requirement - close second to Chaffey Joint Union High's 37.5%. Although the latter is among the districts with most expenses

∞ East Side Union High's high dropout rate calls to question whether the high expense recorded are in an attempt to increase student retention and eventual graduation.

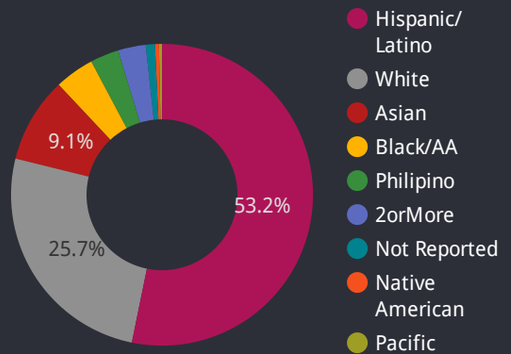
District	EDP365	CurrentExpenseADA	CurrentExpensePerADA
Kern High	$1,397,553,923.8	$110,706.88	$37,831.77
Sweetwater Union High	$1,393,274,342.3	$110,926.96	$37,682
Anaheim Union High	$1,045,749,298.9	$87,185.68	$35,997.91
Chaffey Joint Union High	$828,660,683.6	$68,050.18	$36,535.79
East Side Union High	$809,495,911.1	$65,250.02	$37,246.64
Le Grand Union High	$20,863,269.89	$1,416.46	$44,190.72
Summerville Union High	$18,678,124.06	$1,123.46	$50,002.25
East Nicolaus Joint Union High	$10,201,512.39	$877.98	$34,865.63
Julian Union High	$8,088,418.23	$355.35	$70,090.57
Dunsmuir Joint Union High	$5,241,050	$171.36	$91,894.72



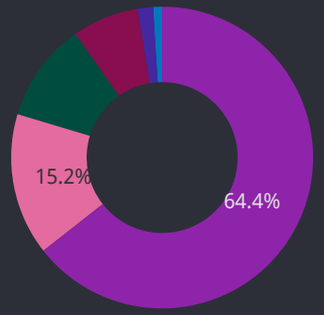
Performance by District, Race & Socio-Economic Composition

DistrictName

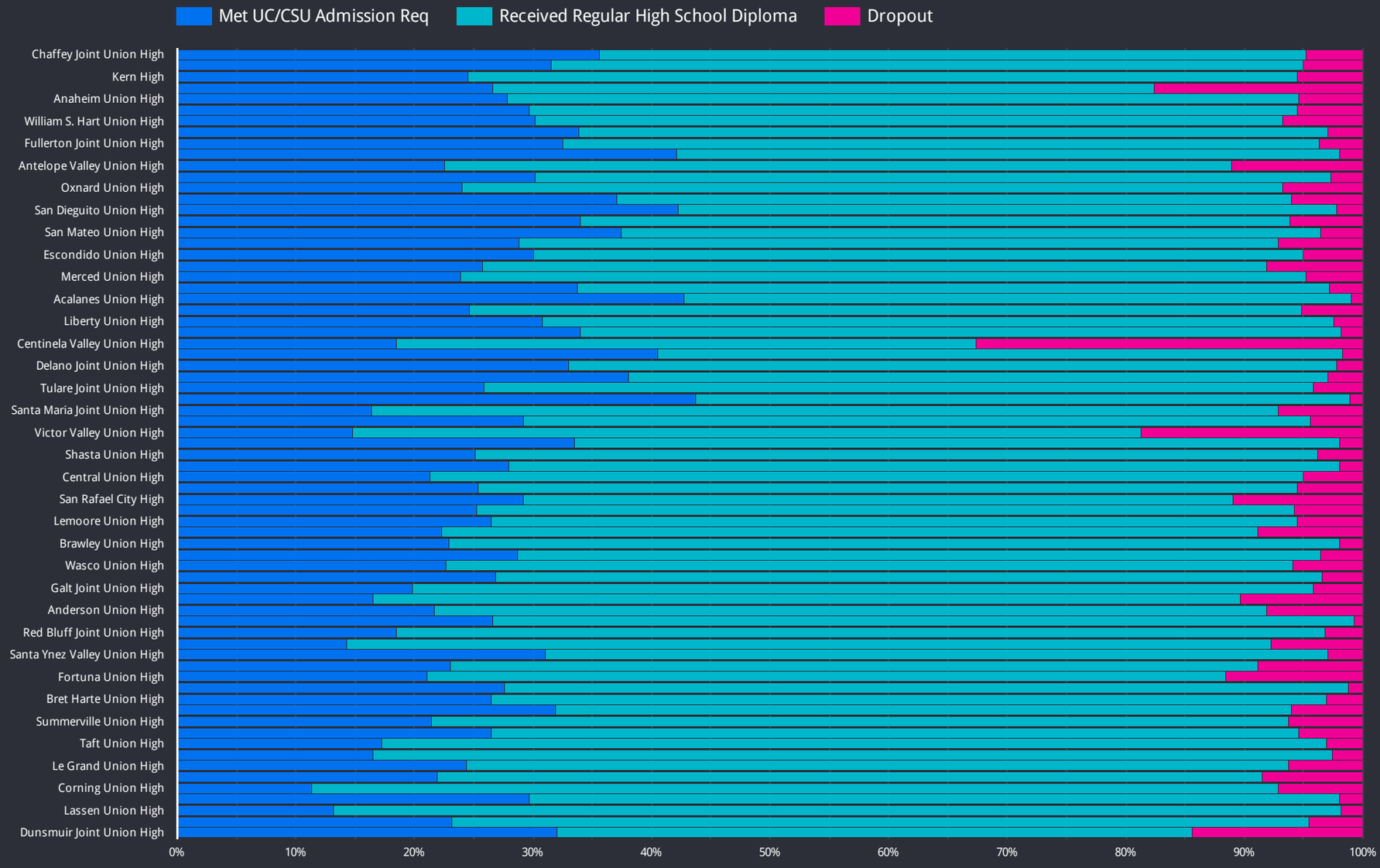
AcademicYear



- Hispanic/ Latino
- White
- Asian
- Black/AA
- Philipino
- 2orMore
- Not Reported
- Native American
- Pacific Islander



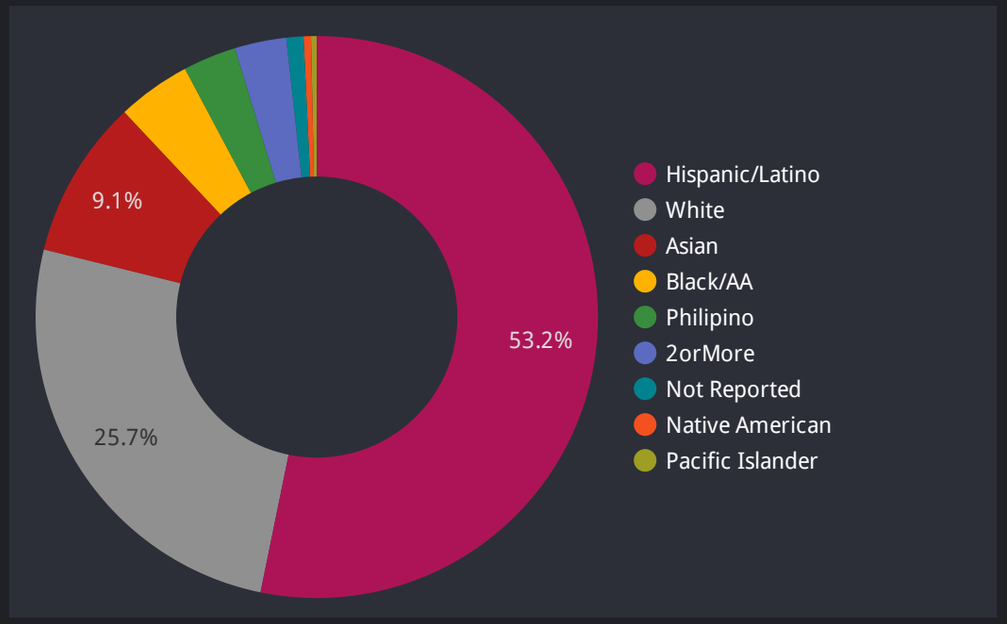
- SocioEco Disadv.
- ESL
- Differently Abled
- Homeless
- Migrant
- Foster

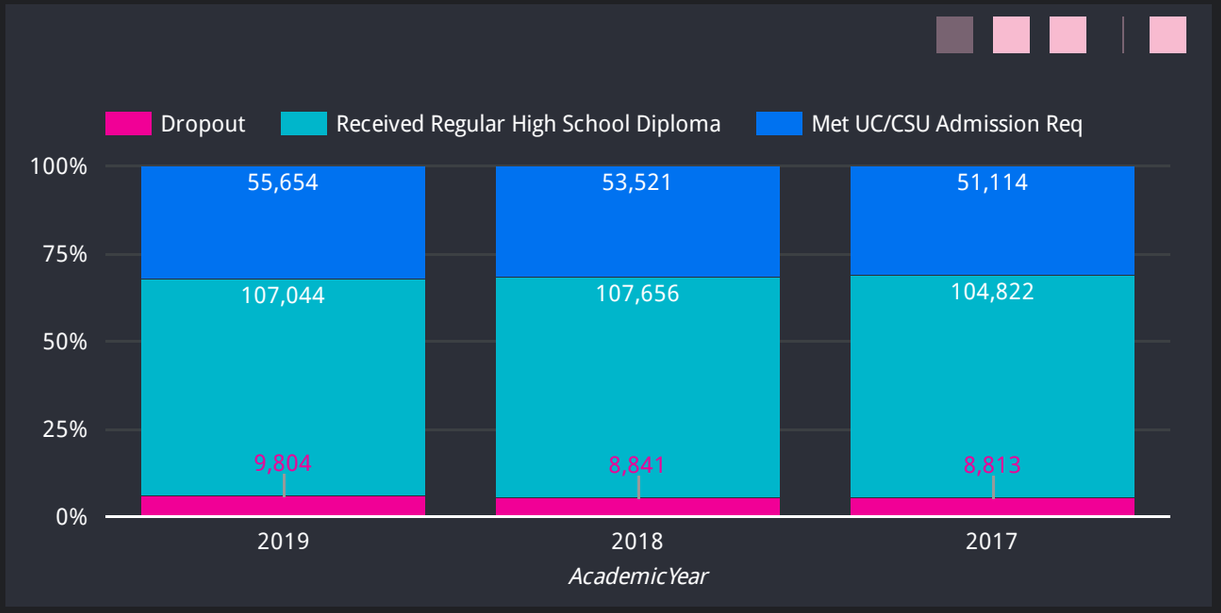


Highest College Readiness <<< Los Gatos -Saratoga Joint Union

Highest Dropout Rate >>> Centinela Valley Union High

Student Breakdown by Race

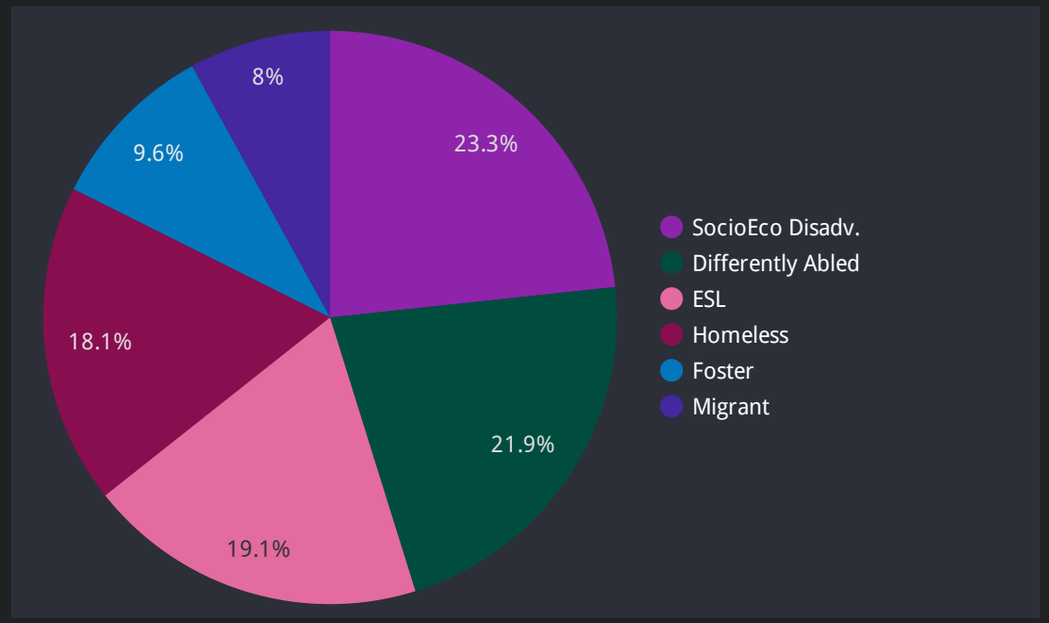


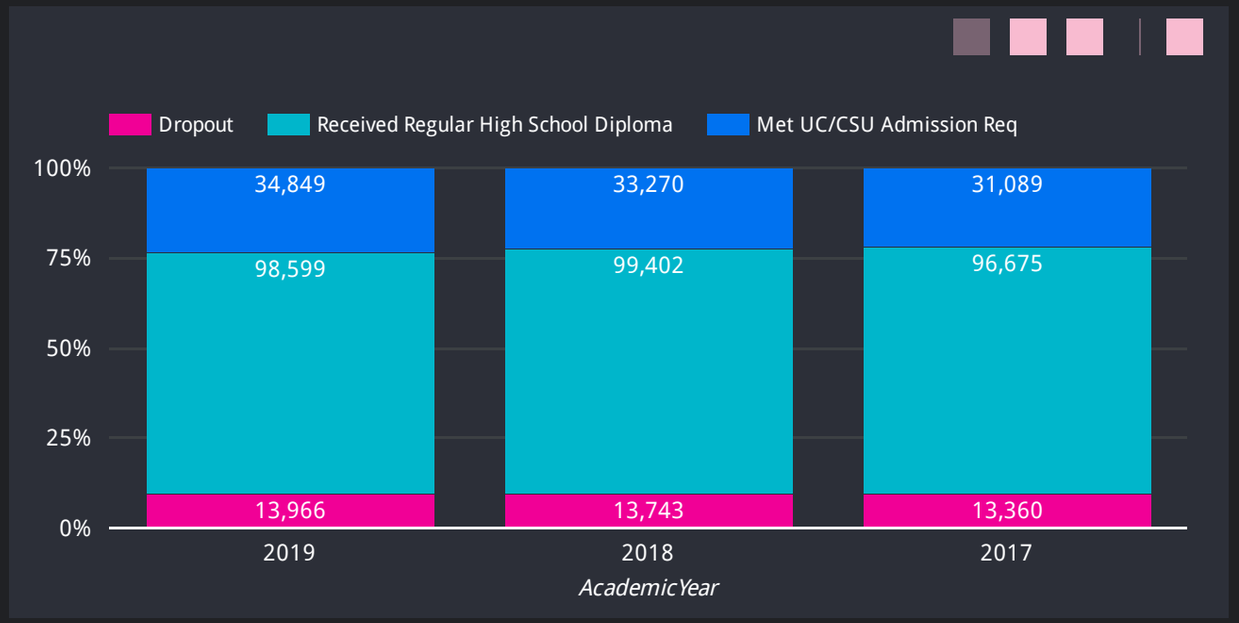


Asians and Filipinos have the least drop out rates and a high % of this group meet the UC/CSU admission requirements

Black and Native American Student population have the highest dropout rate but a large % of this population are also more likely to receive regular HS diploma

Student Breakdown by Socio-Economic Composition

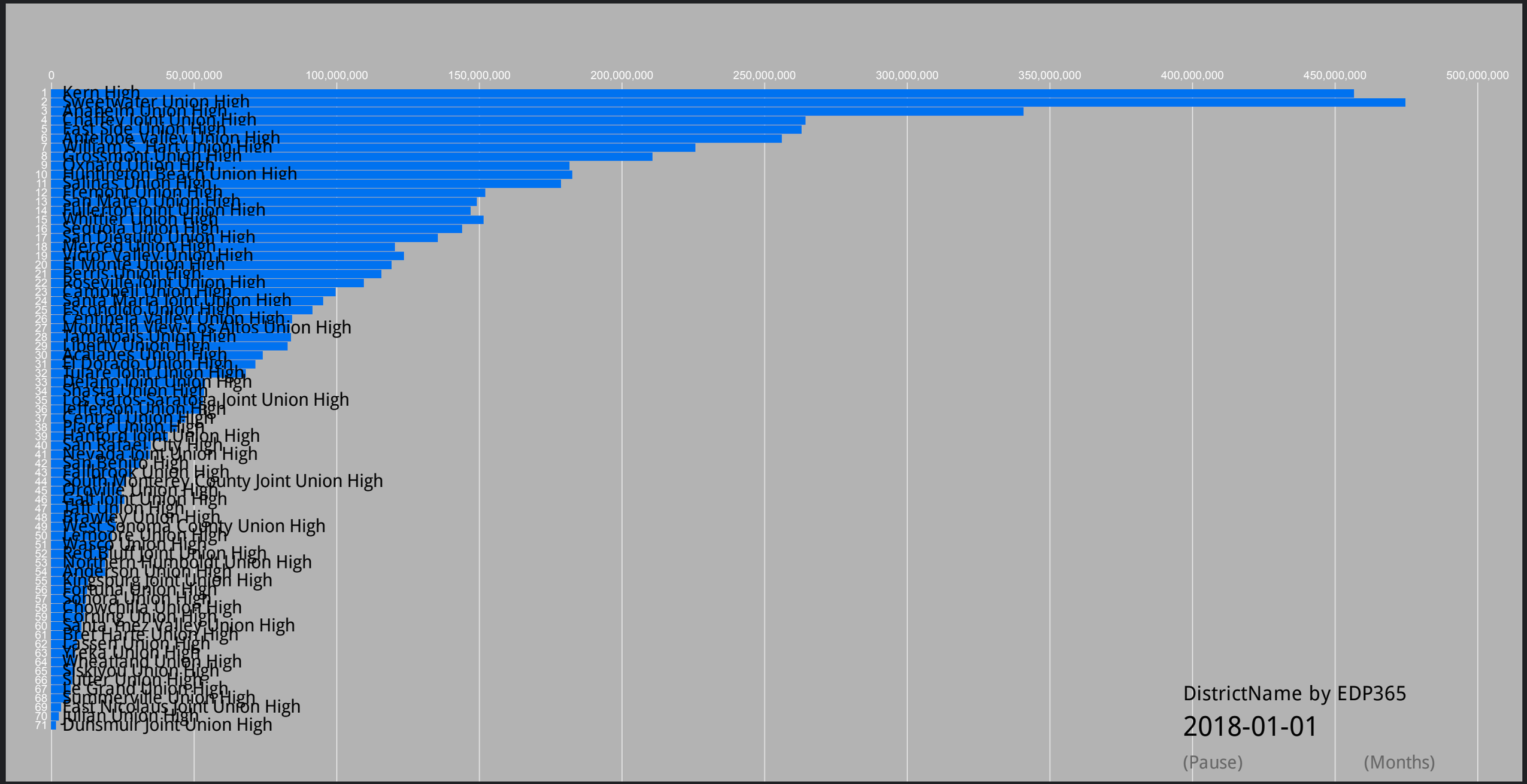




The highest drop out rate is among students in foster care system & English learners. These groups show great graduation promise nonetheless

Those who report as socio-economically disadvantaged show the highest rate of meeting UC/CSU requirement. The Migrant group also shows same promise.

Expenses Allocated To School Districts Per Year



Conclusion

Key Takeaways:

>>>>>Useful insights on factors that could come into play to make California's high school system apt to prepare students for college

>>>>>An outlook on the relationship between race/socioeconomic categories and the performance rates that could be used for improvement adjustments

Future Investigation:

>>>>>Identify how much funding($) can increase student performance, (CollegeReadiness = MetUCCSUGradReq/CohortSize) by a given percentage & the amount of funding that can be decreased without impacting performance.