

High School Yield Analysis



Cambridge West Partnership, LLC
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Introduction

The Yuba Community College District (YCCD) asked Cambridge West Partnership, LLC (CWP) to perform an analysis of

1. High school graduate rates and projections by college
2. Yield rates of high school graduates by college using fall term data

The YCCD service area encompasses five counties which include 20 public school districts and 24 comprehensive public high schools that are identified in Appendix C.

The service area for each college was defined as follows:

1. Woodland College, including the campus locations in Colusa and Lake Counties
 - a. Colusa County, estimated 2020 population- 22,365¹
 - b. Lake County, estimated 2020 population- 66,276
 - c. Yolo County, estimated 2020 population- 220,785
2. Yuba College, including the campus locations in Sutter County and Beale AFB
 - a. Sutter County, estimated 2020 population- 97,881
 - b. Yuba County, estimated 2020 population- 79,831

Among adults age 25 or more in 2020 postsecondary educational attainment was highest in Yolo County and lowest in Colusa County as illustrated in the following graphic.

2020 Age 25+ Educational Attainment					
Category	Colusa	Lake	Yolo	Sutter	Yuba
< HS Graduate	28.8%	13.8%	12.4%	20.6%	16.8%
HS Graduate	24.1%	30.5%	18.4%	24.3%	23.4%
Some College	20.3%	27.0%	18.7%	24.9%	30.5%
Associate	10.2%	12.0%	6.9%	11.4%	11.5%
Bachelor's	12.3%	10.8%	21.9%	12.5%	12.4%
Graduate/Professional	4.3%	6.0%	21.7%	6.4%	5.4%

Associate to Graduate	26.8%	28.8%	50.5%	30.3%	29.3%
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Source: Environmental Systems Research Institute (ESRI). *Market Profiles 2020*; analysis by Cambridge West Partnership, LLC

Among adults age 16 or older in 2020 one-third or more of the workforce in the services industry across all five counties. In Yolo County the services industry accounts for 54% of the employment. Agriculture and mining accounts for 29% of the workforce in Colusa County, more than are employed in that industry among the five counties. The construction industry accounts for 11% of the workforce in both Lake and Yuba Counties. The retail trade industry employs 11% of the workforce in both Sutter and Yuba Counties.

¹ Environmental Systems Research Institute (ESRI). *Market Profiles 2020*

Population and High School Graduates Projections

County and District Population Projections

The California Department of Finance, Demographic Research Unit, annually prepares a projection of each county's population. Projections for the counties served by the YCCD indicate a 33.0% growth overall between 2020 and 2060. However, over that same time period the projection is for a 20.3% growth among young adults, ages 15 to 24. The following table shows the population projections in five-year increments grouped by life cycle age ranges.

Life Cycle	Ages	All Counties (Yuba Community College District)									2020 vs. 2060	
		2020	2025	2030	2035	2040	2045	2050	2055	2060	Nbr.	% Change
Youth	<15	95,199	95,341	98,713	106,527	111,940	114,837	115,803	117,200	120,129	24,930	26.2%
Career Choice	15-24	97,909	102,635	103,964	99,184	101,385	108,775	114,054	116,484	117,795	19,886	20.3%
Career Start	25-34	68,668	80,634	85,546	91,575	91,541	85,794	88,525	97,433	103,434	34,766	50.6%
Career Middle	35-44	53,610	52,892	61,380	71,390	75,770	82,515	82,577	77,029	80,071	26,461	49.4%
Career Finish	45-64	106,948	100,111	94,951	92,221	101,281	109,698	121,028	134,627	138,423	31,475	29.4%
Retirement	65+	73,779	84,853	93,297	98,345	97,566	96,972	95,240	94,519	99,994	26,215	35.5%
Total		496,113	516,466	537,851	559,242	579,483	598,591	617,227	637,292	659,846	163,733	33.0%

Source: California Department of Finance, Demographic Research Unit, *Report P-2B: Population Projections by Individual Year of Age, California Counties, 2010-2060* (Baseline 1029 Population projections; vintage 2019 release). Sacramento, California. January 2020; analysis by Cambridge West Partnership, LLC

A similar analysis has been prepared for each county and the combination of counties associated with each of the two colleges. That analysis is found in Appendix A.

- The overall population served by Woodland College is projected to increase by 22.1% between 2020 and 2060. The young adult group, ages 15-24, is expected to increase by 16.8%.
- The overall population served by Yuba College is projected to increase by 51.3% between 2020 and 2060. The young adult group, ages 15-24, is expected to increase by 29.2% and that change is particularly good for future Yuba College enrollment.
- For the entire YCCD the population is projected to increase by 33.0% between 2020 and 2060. The young adult group is anticipated to increase by 20.3%.

County High School Graduate Projections

The California Department of Finance, Demographic Research Unit, also annually prepares a projection of each county's high school graduates. Sutter is the county with the greatest gain (55.8%) from 2018 to 2029. Yolo is the county with the smallest projected gain (4.3%) from 2018 to 2029 in graduates. In terms of magnitude, Sutter graduated 1,535 seniors in 2018 but is projected to graduate 2,392 in 2029. Yolo county graduated more than any other county in 2018, 2,156 seniors and is projected to graduate 2,249 in 2029. The high school graduates count includes all schools such as private, charter, alternative, continuation, county Office of Education programs in addition to the major public comprehensive high schools. The projections for each county served by the YCCD are in the following table.

Projected CA Public High School Graduates by County and School Year

County	Actual	Projected 2019 to 2029											17-18 v 28-29 % change
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
COLUSA	325	319	341	330	325	346	380	389	410	347	351	362	11.4%
% change		-1.8%	6.9%	-3.2%	-1.5%	6.5%	9.8%	2.4%	5.4%	-15.4%	1.2%	3.1%	
LAKE	611	597	617	637	607	667	644	625	656	649	654	717	17.3%
% change		-2.3%	3.4%	3.2%	-4.7%	9.9%	-3.4%	-3.0%	5.0%	-1.1%	0.8%	9.6%	
SUTTER	1,535	1,594	1,645	1,733	1,760	1,945	2,000	2,076	2,092	2,076	2,298	2,392	55.8%
% change		3.8%	3.2%	5.3%	1.6%	10.5%	2.8%	3.8%	0.8%	-0.8%	10.7%	4.1%	
YOLO	2,156	2,183	2,174	2,229	2,203	2,234	2,356	2,165	2,203	2,216	2,220	2,249	4.3%
% change		1.3%	-0.4%	2.5%	-1.2%	1.4%	5.5%	-8.1%	1.8%	0.6%	0.2%	1.3%	
YUBA	804	815	884	924	869	963	923	968	908	860	934	974	21.1%
% change		1.4%	8.5%	4.5%	-6.0%	10.8%	-4.2%	4.9%	-6.2%	-5.3%	8.6%	4.3%	

Source: State of California, Department of Finance, Demographic Research Unit. *California Public K-12 Graded Enrollment and High School Graduates*; analysis by Cambridge West Partnership, LLC

The annual counts of graduates in the YCCD service area were assembled based on graduates from the major public comprehensive high schools who received a regular high school diploma over five years (spring 2016 through 2020). The counts *exclude* private institutions, charter schools, and any programs sponsored by the county Office of Education. A five-year forecast or projection was prepared using a linear forecasting method that predicts a future value based on existing historical values with an exponential smoothing algorithm. The predicted values are a continuation of the historical values into the specified future target year, so that the historic timeline data is continued. The historic data and projections for the major public comprehensive high schools are shown in the following table by county and are summarized for each of the two colleges.

College	County	Actual, Spring Graduates Counts					Projected, Spring Graduate Counts				
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Woodland	Colusa	329	331	319	305	333	323	326	323	326	323
	Lake	556	533	557	550	570	558	576	565	582	571
	Yolo	2,030	1,883	1,995	1,975	1,996	1,987	2,047	2,003	2,062	2,019
Woodland Totals		2,915	2,747	2,871	2,830	2,899	2,868	2,949	2,891	2,970	2,913

Sutter	1,170	1,177	1,179	1,228	1,201	1,227	1,239	1,250	1,261	1,273
Yuba	760	680	628	630	733	681	675	640	626	657
Yuba Totals	1,930	1,857	1,807	1,858	1,934	1,908	1,914	1,890	1,887	1,930

Source: California Department of Education, Data Reporting Office. *Data Quest*; analysis by Cambridge West Partnership, LLC

The analysis above was supplemented by an assessment of the values when a 0.95% confidence limit was applied to create optional future scenarios. The results, shown in Appendix B, illustrate that with 0.95% confidence the projected future points will fall within the lower and upper bounds of the projected value.

College, County, and District Counts of Graduates and Projections

The same forecasting techniques were applied to five years of counts of regular high school diploma graduates from the major public school districts within each county. The data excludes charter schools and programs operated by county Offices of Education, but alternative schools are included.

Woodland College Subarea

Of the three counties within the Woodland College service subarea of the District, Yolo County has had the highest number of high school graduates and is projected to annually graduate an *average* 2,024 seniors from spring 2021 to spring 2025. The largest public school districts in Yolo County are Woodland Joint Unified, Davis Joint, and Washington Unified. The smallest district is Esparto. The main campus for Woodland College is located within Yolo County in the City of Woodland.

Lake County had the second largest count of high school graduates, but it has been less than half that of Yolo County. The projected *average* count of graduates from public school districts in Lake County from spring 2021 to spring 2025 is 570. The larger public school districts in Lake County are Konocti Unified, Middleton Unified, and Kelseyville Unified. Lake County is served by an educational center located in Clearlake, CA on property shared with the Konocti Unified District.

Colusa County produces the least number of high school graduates and is projected to annually graduate 324 high school seniors from spring 2021 to spring 2025. The largest public school district in Colusa County is the Colusa Unified District while the smallest district is Maxwell Unified. Colusa County is served by an educational center located in Williams, CA.

*Public comprehensive high schools in the three counties served by Woodland College have had an **average** of 2,852 graduates from 2015-16 through 2019-20. They are projected to see an annual average of 2,918 graduates from 2020-21 through 2025-26.*

Those results are displayed in the following tables.

Woodland College Associated Districts

Colusa County Districts	Actual, Spring Graduation Counts					Projected, Spring Graduation Counts				
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Colusa Unified	98	102	96	88	117	113	116	119	122	125
Maxwell Unified	28	28	20	29	21	26	21	25	20	24
Pierce Joint Unified	116	103	106	100	102	93	98	88	93	83
Williams Unified	87	98	97	88	93	91	91	92	92	92
Totals	329	331	319	305	333	323	326	323	326	323

Lake County Districts	Actual, Spring Graduation Counts					Projected, Spring Graduation Counts				
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Kelseyville Unified	122	117	126	124	126	126	134	130	138	135
Konocti Unified	146	139	137	146	160	159	163	167	171	176
Lakeport Unified	111	112	126	90	99	81	83	67	68	52
Middletown Unified	121	114	107	125	131	132	136	139	143	147
Upper Lake Unified	56	51	61	65	54	59	60	61	61	62
Totals	556	533	557	550	570	558	576	565	582	571

Yolo County Districts	Actual, Spring Graduation Counts					Projected, Spring Graduation Counts				
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Davis Joint Unified	668	561	588	600	619	607	602	598	593	589
Esparto Unified	79	78	89	48	81	47	50	33	36	19
Washington Unified	543	489	536	546	511	534	584	551	601	568
Winters Joint Unified	102	99	110	95	88	87	83	79	75	72
Woodland Joint Unified	638	656	672	686	697	713	728	743	757	772
Totals	2,030	1,883	1,995	1,975	1,996	1,987	2,047	2,003	2,062	2,019

Woodland College Counts 2,915 2,747 2,871 2,830 2,899 2,869 2,948 2,891 2,970 2,913

Source: California Department of Education, Data Reporting Office. *Data Quest*; analysis by Cambridge West Partnership, LLC

Yuba College Subarea

Of the two counties within the Yuba College service subarea of the District, Sutter County has had the highest count of high school graduates and is projected to annually graduate an *average* 1,250 seniors from spring 2021 to spring 2025. The largest public school district in Sutter County is the Yuba City Unified District. The smallest district is East Nicolaus Joint District. Sutter County is served by an educational center in Yuba City. That center is located in the north central portion of Yuba City.

Yuba County is the second county in the Yuba College subarea. The main campus for Yuba College is located in the county in the city of Marysville, CA. Public school districts in Yuba County have been graduating a little more than half that of Sutter County. The projected *average* count of graduates from public school districts in Yuba County from spring 2021 to spring 2025 is 669. The larger district in Yuba County is the Marysville Joint Unified District. An outreach facility is located at Beale Air Force Base in Yuba County along highway 99.

Public comprehensive high schools in the two counties served by Yuba College have had an average of 1,877 graduates from 2015-16 through 2019-20. They are projected to see an annual average of 1,906 graduates from 2020-21 through 2025-26.

Those results are displayed in the following tables.

Yuba College Associated Districts

Sutter County Districts	Actual, Spring Graduation Counts					Projected, Spring Graduation Counts				
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Yuba City Unified	849	800	798	833	810	812	808	805	801	797
East Nicolaus Joint	63	53	70	74	76	82	100	95	113	108
Live Oak Unified	113	134	128	134	140	147	139	154	146	162
Sutter Union High	145	190	183	187	175	186	191	196	201	206
Totals	1,170	1,177	1,179	1,228	1,201	1,227	1,239	1,250	1,261	1,273

Yuba County Districts	Actual, Spring Graduation					Projected, Spring Graduation				
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Marysville Joint Unified	602	522	493	483	516	474	455	436	418	399
Wheatland Union High	158	158	135	147	217	207	219	232	245	258
Totals	760	680	628	630	733	681	675	669	663	656

Yuba College Counts 1,930 1,857 1,807 1,858 1,934 1,908 1,913 1,890 1,887 1,929

Source: California Department of Education, Data Reporting Office. *Data Quest*; analysis by Cambridge West Partnership, LLC

College and County, A-G Course Completion Rates

University Preparation

High school districts vary with respect to the portion of graduating seniors who have completed the courses required for admission to the University of California (UC) and the California State University (CSU). These variations reflect the interest among students to go on attend a state public university. Undoubtedly, some of that interest is stimulated by parents or other family members as well as high school teachers and counselors.

The proportion of graduating seniors who have completed the course preparation requirements for UC/CSU eligibility may also be a reflection of the ability within the school district to offer that college-preparation curriculum. These requirements, commonly referred to as the a-g subject requirements for admission, represent 15 year-long high school courses completed with a grade of C or better, 11 of which must be completed before the last year of high school. The curriculum must be approved by the university faculty. They cover the following subjects:

- A. History (two years)
 - a. One year of world or European History, cultures, and geography
 - b. One year of U.S. History or one-half year of U.S. History and one-half year of civics or American government.
- B. English (four years)
 - a. Four years is devoted to college-preparatory English with frequent writing as well as reading of classic and modern literature.
- C. Mathematics (three years)
 - a. Three years of college preparatory mathematics that includes topics covered in elementary and advanced algebra and two and three-dimensional geometry.
 - b. Courses intended for the 11th and/or 12th grade levels may satisfy the required third year or recommended fourth year of the subject requirement if approved as an advanced math course.
- D. Science (two years)
 - a. Two years of college-preparatory science that provide fundamental knowledge in two of these three subjects: biology, chemistry, or physics.
 - b. Computer science, engineering, or applied science courses can be used as an additional science (third year and beyond)
- E. Language Other Than English (two years)
 - a. Two years or equivalent to the 2nd level of high school instruction of the same language other than English. Three years or 3rd level of high school instruction is recommended.
 - b. Courses should emphasize speaking and understanding along with grammar, vocabulary, reading, composition, and culture.
- F. Visual and Performing Arts (one year)
 - a. One year-long course of visual and performing arts chosen from dance, music, theater, visual arts or interdisciplinary arts.
- G. College Preparatory Elective (one year)

- a. One year chosen from courses specific to the elective subject areas beyond those used to satisfy the requirements of the a-f subjects.

High school students who complete these requirements may attend a community college but more likely intend to seek admission to a UC or CSU campus.

A-G Course Completions In The Woodland College Subarea

The A-G annual *average* course completion rate, from 2016-2017 to 2019-20, varies dramatically among the high school districts in the three counties associated with Woodland College. Over this period of time the collective A-G course completion rate among all districts in this subarea of the YCCD has risen from 44.6% to 46.2%.

Graduates completing the A-G course requirements in Colusa County high school districts ranged from an *average* of 37.5% in the Williams Unified District down to an *average* of 17.4% in the Colusa Unified District. The *average* in the two other districts in Colusa County was in the mid-20 percent range. Collectively the districts in Colusa County have impressively, steadily, and substantially increased the portion of graduates completing the A-G course requirements for university entrance from 23.3% in 2016-17 to 34.8% in 2019-20.

Among the public high school districts in Lake County the portion of graduates completing the A-G university preparation requirements ranged from a high of 31.7% in the Middletown Unified District to a low of 10.5% in the Upper Lake Union High District. The three other school districts reported completion rates in the mid to upper 20 percent range. The districts in this county have not increased the county *average* completion rate from 2016-17 to 2019-20.

A-G course completion rates have been much higher in Yolo County that recorded the highest county *average* from the Davis Joint Unified District with 74.7% of the graduating seniors completing the A-G course requirements. The Winters Joint Unified District in Yolo County experienced 35.2%, the lowest rate. The remaining three districts had an *average* A-G course completion rate ranging from 40 percent to 45 percent. As a group the districts in Yolo County have declined in the *average* completion rate for A-G courses from 43.6% in 2016-17 to 39.2% in 2019-20.

A-G Course Completions In The Yuba College Subarea

The A-G *average* course completion rate from 2016-2017 to 2019-20 varies slightly among the high school districts associated with Yuba College. Over this period of time the collective A-G course completion rate among all districts in this subarea of the YCCD has fallen from 37.0% to 36.2%.

The four high school districts in Sutter County ranged from an *average* of 47.6% of the graduates completing the A-G course requirements in the East Nicolaus Joint Union District down to an *average* of 37.4% in the Yuba City Unified District. The average in the two other Sutter County districts was in the low 40 percent range. The districts in Sutter County have not substantially changed the *average* A-G course completion rates from 2016-17 to 2019-20.

The corresponding A-G course completion rates were lower for the two public school districts located in Yuba County. The *average* course completion rate high was 37.2% for the Wheatland Union High District and the low was 26.1% for the Marysville Joint Unified District. Collectively, the *average* A-G course completion rate among graduates from these two district has remained roughly the same from 2016-17 to 2019-20.

The additional analysis of historic regular high school diploma recipient graduation rates for completion of the A-G university preparation curriculum was developed for the primary, comprehensive high schools in each district of every county in the YCCD. Those additional academic year-specific A-G course completion rate details, by county and district, are found in Appendix D.

College, County, and District Graduation Rates

Graduation Rates Methodology

Public school districts vary with respect to the portion of the senior class students who eventually graduate with a diploma. These variations reflect the interest among students to complete high school as well as the support systems provided by the districts and teaching strategies employed by the faculty. Since 2016-17 the California Department of Education has been providing four-year Adjusted Cohort Graduation Rate (ACGR) reports for high schools. The ACGR is the number of students who graduate from high school in four years with a regular high school diploma divided by the number of students who enter grade 9 for the first time adjusted by adding into the cohort any student who transfers in later during grade 9 or during the next three years and subtracting any student from the cohort who transfers out, emigrates to another country, transfers to a prison or juvenile facility, or dies during that same period. Those reports were consulted for the graduation rate analysis used in this report. The state graduation rate methodology changed as of 2016-27. Therefore, comparable ACGR data for the 2015-16 academic year is not available. What is available, and was used for this report, is data limited to counts of 12th grade enrollments and graduates with a regular high school diploma that same year.

Graduation Rates In the Woodland College Subarea

The 14 high school districts in the three counties related to Woodland College have reported an *average* graduation rate from 2015-16 to 2019-20 that varies from a low of 63.5% (Konocti) to a high of 97.9% (Esparto).

Colusa County

Among the four public high school districts within Colusa County the *average* graduation rate has been 92.3%. The Maxwell, Pierce Joint, and Williams Unified Districts are slightly higher than the county *average*.

Lake County

In Lake County the *average* graduation rate has been 80.9% for the five school districts in that county. The Lakeport and Middletown Unified Districts have been considerably above that rate while the Kelseyville Unified District has been only slightly above the county *average* graduation rate.

Yolo County

Within Yolo County the annual *average* graduation rate has been 91.4% for the five school districts in that county. Two of districts have been slightly above that county *average*. The Esparto Unified District has been 6.5% above the county *average*.

For Woodland College counties and public school districts the graduation rate trends for students receiving a regular high school diploma are shown in the following table.

Woodland College Counties	Academic Year of Graduation					Average
	2015-16	2016-17	2017-18	2018-19	2019-20	
All Districts Cohorts	3,106	3,145	3,269	3,203	3,270	
All Districts HS Diplomas	2,915	2,747	2,871	2,830	2,899	
All Districts Graduation Rate	93.9%	87.3%	87.8%	88.4%	88.7%	89.2%

Source: California Department of Education, Data Reporting Office. *Data Quest*; analysis by Cambridge West Partnership, LLC

Graduation Rates In the Yuba College Subarea

The six high school districts in the two counties related to Yuba College have reported an *average* graduation rate from 2015-16 to 2019-20 that varies from a low of 85.5% (Marysville Joint Unified) to a high of 97.5% (Sutter Union High).

Sutter County

Among the four public high school districts within Sutter County the *average* graduation rate has been 89.2%. The East Nicolaus Joint Union, Sutter Union High, and Live Oak Unified Districts are slightly higher than the county *average*.

Yuba County

In Yuba County the *average* graduation rate has been 87.3% between the two school districts in that county. The Wheatland Union High District has been considerably above that rate with an *average* annual graduation rate of 94.0%.

For Yuba College counties and public school districts the annual graduation rate trends for students receiving a regular high school diploma are shown in the following table.

Yuba College Counties	Academic Year of Graduation					Average
	2015-16	2016-17	2017-18	2018-19	2019-20	
All Districts Cohorts	2,102	2,131	2,062	2,119	2,189	
All Districts HS Diplomas	1,930	1,857	1,807	1,858	1,934	
All Districts Graduation Rate	91.8%	87.1%	87.6%	87.7%	88.4%	88.5%

Source: California Department of Education, Data Reporting Office. *Data Quest*; analysis by Cambridge West Partnership, LLC

Additional academic year-specific, graduation-rate details and projections, by college, county, and district are found in Appendix E. These counts *exclude* private institutions, charter schools, and county Office of Education programs. However, continuation and alternative school graduates may be included if they were awarded a regular high school diploma.

College, County, and District Yield Rates

Data Sources, Problems, Methodology

The yield rate of interest is a comparison between the count of *graduates* from a high school (denominator) and the count of those graduates who *subsequently enroll* in one of the two YCCD colleges for the fall term following their graduation. The resulting calculation produces a percentage of the graduates who are attending the community college, aka the high school yield rate. High School students who are concurrently enrolled in the community college are not included in the yield rate calculation.

In 14 of the 24 comprehensive high schools the fall 2020 enrollment in one of the two colleges in the YCCD was unusually lower than the enrollment counts for fall 2016 through 2019. Most likely this was the impact from the COVID pandemic and related economic downturn. In short, the 2020-21 academic year is “abnormal”, and these cases warranted a slightly different treatment when the projections were developed. In these cases a three-year moving *average*, skipping over fall 2020, was applied rather than the forecasting formula using exponential smoothing algorithm.

Each public high school district sponsors a comprehensive high school. The districts also offer continuation high schools and alternative school arrangements that educate through grade 12. Sometimes the districts also sponsor a charter high school or specialized academy that includes curriculum through the 12th grade. Most county Offices of Education also offer some instructional programs that provide curriculum through the 12th grade. Nine private schools offering 12th grade instruction were found in the five counties served by the YCCD. Enrollments in all of these options do not attract the student volume that is found in the comprehensive high schools. While some graduates from the various non-comprehensive high schools were found among the fall term enrollments at the YCCD colleges, their numbers were very modest. Based on the observed data, the counts of graduates and corresponding counts of fall term enrollments from the non-comprehensive high schools were not included in the yield rate analysis conducted for this report.

Normally, a portion of the high school code number issued by the California Department of Education (CDE) is matched to the high school of origin reported in the YCCD's fall term Management Information System (MIS) end-of-term files. The CDE assigns each school a 14-digit code.

- The first two digits identify the county,
- the next five digits identify the school district, and
- the last seven digits identify the school.

For MIS reporting purposes the California Community Colleges use the first six digits of the last seven digits in the CDE code. Every term community colleges are required to report the high school of last attendance for any enrolled student under the age of 22 in that term. The community college system codes for high schools in the YCCD are found in Appendix F.

All of the students who were younger than 22 years of age in fall 2017 through fall 2020 were assigned to one of these three values which unfortunately is not a useful high school of origin code.

1. 000000 No high school experience
2. YYYYYY The student is 22 years of age or older **OR** is a special admit student still enrolled in high school
3. XXXXXX The high school location is completely unknown

Furthermore, approximately 760 recent high school graduates attending YCCD colleges between the fall 2016 and fall 2020 terms were miscoded as follows:

High School- On-line Appl- 204913

The CDE does not recognize that code as valid.

The District Research and Information Technology staff members were able to successfully locate a city and zip code residence for these miscoded students and that information proved useful. Approximately 670 of these students lived in one of the five counties served by the YCCD. The city and zip code data for those students were matched to the address of the public high schools throughout the YCCD service area in order to identify the most likely high school from which the student graduated. In a number of cases the residential city and zip code matched to more than one school including a comprehensive high school, charter, continuation, or alternative school. The vast majority of students enrolled at either of the colleges graduated from one of the comprehensive high schools in the service area. Therefore, in the cases where more than one school matched to the student's residential city and zip code the student was attributed to the comprehensive high school.

In addition to these larger data quality issues, a few instances were identified in which the high school code reported was associated with the wrong high school over the fall terms 2016 through 2020. All of these cases were high schools related to Woodland College. The following table shows the incorrect and corrected high school codes in the data set.

Wrong Name or Code	Correct Name or Code
Pioneer High-053861	Pioneer High School-010116
Cache Creek-573909	Cache Creek High (Continuation)-573881
Woodland Adult-573881	Woodland Adult Education-573870
unknown school-053861 had been also marked as Pioneer High in the Woodland Joint Unified District	
unknown school-573909 had been also marked as Cache Creek High in the Woodland Joint Unified District	
Richard Lewis-173010	Richard Lewis High-173011
Yuba City Charter-unknown	Yuba City Charter-513012
James Marshall-573515	River City High-573515
Feather River Academy-510020	Feather River Academy-011420
South Sutter Charter-054112	South Sutter Charter-011420
Davis School for Indep. Study-unknown Source: Cambridge West Partnership, LLC	Davis School for Indep. Study-573009

Yield Rates

Enrollment Yield Rates For The Woodland College Subarea

From spring 2016 through spring 2020 the count of graduates from the 15 comprehensive high schools in the three counties served by Woodland College *averaged* 2,549 students and increased by just over 200 students or 8.5% when 2016 is compared to 2020. The count of students who subsequently enrolled in Woodland College locations through fall 2019 *averaged* 294, then fell in fall 2020. As counts of graduates increased, subsequent enrollments at Woodland College also increased until fall 2020 when there was a sharp decline, most likely related to the COVID pandemic. Between fall 2016 and fall 2019 the difference was 14 more students or a 4.9% increase. Similarly, the yield rate from the high school graduates between 2016 and 2019 has *averaged* 11.6% but declined in fall 2020 to 10.0%.

Projections for the period of spring 2021 to spring 2025 indicate a steady increase in graduates from the high schools in Colusa, Lake, and Yolo Counties. Woodland College fall term enrollments are projected to increase slightly but are not predicted to keep pace with the increasing numbers of graduates. As a result, the average projected yield rate from fall 2021 to fall 2025 is expected to decline to 11.0%. The yield rate trends are summarized in the following tables and additional details are found in Appendix G.

YCCD High School Graduates Yield Rates						Average Yield %		Change in Yield %						
						2016 - 2019	2016 - 2020	2016 vs. 2019	2016 vs. 2020					
						2016	2017	2018	2019	2020				
Colusa County														
Colusa Unified														
	Colusa	15.3%	4.6%	9.7%	14.9%	6.7%	11.1%	10.3%	-0.4%	-8.5%				
Maxwell Unified														
	Maxwell Senior	10.7%	3.6%	15.0%	10.3%	4.8%	9.9%	8.9%	-0.4%	-6.0%				
Pierce Joint Unified														
	Pierce	27.9%	17.5%	25.7%	26.5%	24.7%	24.4%	24.5%	-1.4%	-3.2%				
Williams Unified														
	Williams Junior/Senior	18.8%	24.1%	19.3%	4.0%	13.8%	16.5%	16.0%	-14.8%	-5.0%				
Colusa County Summary						20.6%	14.2%	18.8%	15.6%	14.5%	17.3%	16.8%	-5.0%	-6.1%
Lake County														
Kelseyville Unified														
	Kelseyville	0.8%	0.0%	2.5%	0.8%	0.9%	1.0%	1.0%	0.0%	0.1%				
Konociti Unified														
	Lower Lake	19.5%	12.4%	25.3%	21.3%	10.4%	19.6%	17.8%	1.8%	-9.0%				
Lakeport Unified														
	Clear Lake	0.0%	1.1%	0.0%	1.4%	2.6%	0.6%	1.0%	1.4%	2.6%				
Middletown Unified														
	Middletown	7.1%	2.0%	2.0%	11.5%	5.9%	5.6%	5.7%	4.4%	-1.2%				
Upper Lake Unified														
	Upper Lake	0.0%	0.0%	0.9%	1.0%	2.0%	0.5%	0.8%	1.0%	2.0%				
Lake County Summary						5.4%	3.0%	5.8%	7.2%	4.6%	5.4%	5.2%	1.8%	-0.8%
Yolo County														
Davis Joint Unified														
	Davis Senior	3.1%	3.6%	3.0%	2.0%	2.9%	2.9%	2.9%	-1.1%	-0.2%				
Esparto Unified														
	Esparto	21.4%	29.4%	25.0%	28.3%	26.0%	26.0%	26.0%	6.8%	4.6%				
Washington Unified														
	River City	0.6%	0.0%	0.6%	0.4%	0.0%	0.4%	0.3%	-0.2%	-0.6%				
Winters Joint Unified														
	Winters	1.1%	4.7%	6.1%	7.0%	4.6%	4.7%	4.7%	5.8%	3.4%				
Woodland Joint Unified														
	Pioneer	22.0%	24.9%	24.7%	28.4%	25.0%	25.0%	25.0%	6.4%	3.0%				
	Woodland Senior	36.8%	38.4%	36.0%	32.8%	26.1%	36.0%	34.0%	-4.0%	-10.7%				
Woodland Joint Unified Summary						29.1%	30.5%	29.9%	30.5%	25.5%	30.0%	29.1%	1.4%	-3.7%
Yolo County Summary						11.8%	13.2%	12.5%	12.5%	10.8%	12.5%	12.1%	0.6%	-1.0%
Woodland College Yield Rates						11.8%	11.2%	11.8%	11.8%	10.0%	11.6%	11.3%	0.0%	-1.8%

Source: California Department of Education, Data Reporting Office. *Data Quest*; analysis by Cambridge West Partnership, LLC

Colusa County Notes

The number of graduates from the four comprehensive high schools in Colusa County have varied from 269 to 291 between 2016 and 2020. However, the number of recent graduates enrolled in Woodland College have declined between 2016 and 2020. As a result, the yield rate has declined from 20.6% to 14.5% between those two years. The high school furthest away from the Colusa County Center, Pierce High School contributed the most graduates to Woodland College.

Looking forward, the projection formula anticipates a continued decline in graduates, but a steady number of enrollments at Woodland College. As a result, the yield rate is projected to

increase by fall 2025. This scenario will likely require an aggressive rural development outreach effort by College personnel.

Lake County Notes

Of the five public school districts in Lake County all except Kelseyville Unified have been increasing the number of graduates from 2016 to 2020. The subsequent enrollments at Woodland College had been increasing until fall 2020 when they dropped sharply, most likely due to the COVID pandemic. The yield rate through 2019 had *averaged* 5.4%. That is less than one-third the yield rate in Colusa County. Lower Lake High School, the closest high school to the Lake County Center, has contributed the most recent graduates to Woodland College. Upper Lake and Clear Lake high schools are 34 and 27 miles to the west of the Lake County Center location. On narrow, winding roads those distances represent an obstacle to on campus attendance. From fall 2014 to fall 2019 Mendocino College and Santa Rosa Junior College had an influence in the western portions of Lake County in that more residents from the zip codes associated with Kelseyville, Clear Lake, and Upper Lake high schools attended those three community colleges than attended Woodland or Yuba Colleges. Mendocino College has a branch operation located in Lakeport, CA.

Looking forward, the projection formula anticipates a continued increase in graduates and a slight increase in the number of enrollments at Woodland College. As a result, the yield rate is projected to *average* 5.4% from fall 2021 through fall 2025.

Yolo County Notes

Graduation trends in the six high schools sponsored by the five public school districts in Yolo County have been moving upward from spring 2016 to spring 2020. Subsequent enrollments in Woodland College had increased through 2019 but fell in fall 2020, most likely due to the COVID pandemic. Therefore, the *average* yield rate had been 12.5% through 2019 but dropped to 10.8% in fall 2020. River City is a large high school but is located some 23 miles southeast from the main Woodland College campus but just 7 miles from Sacramento City College. Davis Senior High School is the largest high school in Yolo County and is 10 miles from the Woodland College Campus. However, from fall 2014 to fall 2019 thousands more residents from zip codes associated with River City and Davis Senior high schools enrolled at Sacramento City or American River community colleges than at Woodland or Yuba Colleges. Winters High School is a much smaller high school 22 miles southwest of the main Woodland College campus. From fall 2014 to fall 2019 more of the graduates from the 95694 zip code, where Winters High School is located, enrolled at Sacramento City College than at either Woodland or Yuba Colleges.

Woodland Senior and Pioneer high schools have contributed the majority of recently high school graduate enrollments in Woodland College and are projected to continue to do so into the future. Into the future, the projection formula anticipates a continued increase in high school graduates but not a sharp increase in the number of enrollments at Woodland College. As a result, the yield rate is projected to *average* 11.6% from fall 2021 to fall 2025.

Three charter schools are operating in Yolo County. The most complete information was available only for the Da Vinci Charter Academy that is operated by the Davis Joint Unified

School District. Although the Academy *averaged* 89 graduates annually from 2015-16 to 2019-20 there was no indication in the YCCD fall enrollment records that any of the students actually enrolled in Woodland or Yuba College.

Enrollment Yield Rates For The Yuba College Subarea

From spring 2016 through spring 2020 the count of graduates from the nine comprehensive high schools and two charter schools in the two counties served by Yuba College *averaged* 1,729 students and increased by 118 students or 6.9% when 2016 is compared to 2020. The count of students who subsequently enrolled in Yuba College locations through fall 2019 *averaged* 665, then the count fell in fall 2020, most likely due to the COVID pandemic. While counts of graduates have been increasing, subsequent enrollments at Yuba College have been declining. Between fall 2016 and fall 2019 the difference was 47 fewer students. Similarly, the yield rate from the high school graduates has *averaged* 39.0% through fall 2019. In fall 2020 the yield rate fell to 33.8%.

Projections for the period of spring 2021 to spring 2025 indicate a gradual increase in graduates from the high schools in Sutter and Yuba Counties. Yuba College enrollments are projected to increase slightly but will not keep pace with the increasing numbers of graduates. As a result, the *average* projected yield rate from fall 2021 to fall 2025 is anticipated to decline to 36.7%. The yield rate trends are summarized in the following tables and additional details are found in Appendix G.

YCCD High School Graduates Yield Rates						Average Yield %		Change in Yield %		
						2016 - 2019	2016 - 2020	2016 vs. 2019	2016 vs. 2020	
						2016	2017	2018	2019	2020
Sutter County										
Yuba City Unified										
	River Valley	43.5%	40.3%	53.7%	46.8%	47.4%	46.0%	46.3%	3.3%	4.0%
	Yuba City	48.1%	44.3%	54.3%	45.8%	44.4%	48.1%	47.4%	-2.3%	-3.7%
	Yuba City Unified Summary	45.7%	42.2%	54.0%	46.4%	46.1%	47.0%	46.8%	0.7%	0.4%
Live Oak Unified										
	Life Oak	12.5%	8.1%	12.8%	10.8%	3.4%	11.1%	9.5%	-1.7%	-9.1%
Sutter Union High										
	Butte View	7.7%	20.0%	0.0%	0.0%	12.5%	6.9%	8.0%	-7.7%	4.8%
	Sutter	23.5%	27.6%	33.7%	26.7%	25.2%	27.9%	27.3%	3.2%	1.7%
	Sutter Union High Summary	22.1%	26.8%	30.6%	23.5%	24.0%	25.8%	25.4%	1.5%	1.9%
East Nicolaus Joint Union High										
	East Nicolaus	19.0%	24.5%	27.1%	17.6%	18.4%	22.1%	21.3%	-1.5%	-0.6%
	Sutter County Summary	37.4%	35.1%	44.1%	37.1%	36.0%	38.4%	37.9%	-0.4%	-1.5%
Yuba County										
Marysville Joint Unified										
	Lindhurst	56.3%	46.0%	52.6%	53.7%	39.8%	52.2%	49.7%	-2.6%	-16.5%
	Marysville	42.2%	47.7%	43.9%	46.4%	29.3%	45.0%	41.9%	4.2%	-12.9%
	Academy of the Arts	38.1%	43.5%	31.1%	43.3%	40.4%	39.0%	39.3%	5.2%	2.3%
	Marysville Joint Unified Summary	49.8%	46.8%	48.5%	50.3%	34.9%	48.8%	46.0%	0.5%	-14.9%
Comptonville Union Elementary										
	CORE Charter School	14.3%	17.8%	25.0%	16.7%	19.1%	18.5%	18.6%	2.4%	4.8%
Wheatland Union High										
	Wheatland	25.3%	19.0%	27.4%	21.8%	20.9%	23.4%	22.9%	-3.5%	-4.4%
	Yuba County Summary	41.0%	37.7%	40.8%	40.2%	30.5%	39.9%	38.0%	-0.8%	-10.5%
	Yuba College Yield Rates	38.9%	36.1%	43.0%	38.2%	33.8%	39.1%	38.0%	-0.7%	-5.1%

Source: California Department of Education, Data Reporting Office. *Data Quest*; analysis by Cambridge West Partnership, LLC

Sutter County Notes

The number of graduates from the six comprehensive high schools in Sutter County and the number of recent graduates enrolled in Yuba College have increased between 2016 and 2019 then fell off in fall 2020. The *average* count of graduates was 1,079 between 2016 and 2019. The *average* count of subsequent enrollments at Yuba College was 415. The *average* yield rate over those four years was 38.4%. The yield rate declined to 36.0% in fall 2020. River Valley and Yuba City high schools contributed the most graduates to Yuba College.

Looking forward, the projection formula anticipates a continued slow increase in graduates and in the number of subsequent enrollments at Yuba College. As a result, the average yield rate is projected to become 37.6% from fall 2021 through fall 2025.

Six charter schools are operating in Sutter County. The most complete information was available only for the

- South Sutter Charter, operated by the Marcum-Illinois Union School District, which *averaged* 127 graduates from 2015-16 to 2019-20.
- California Virtual Charter Academy, affiliated with the Meridian Elementary School District, which *averaged* 63 graduates from 2015-16 to 2019-20.

- Yuba City Charter, affiliated with the Yuba City Unified District, which *averaged* 63 graduates from 2015-16 to 2019-20.

There was no indication in the YCCD fall 2016 to 2020 enrollment records that any more than one or two of the students in some fall terms actually enrolled in Woodland or Yuba College.

Yuba County Notes

Graduation trends from the three high schools and two charter schools sponsored by three public school districts in Yuba County have been moving slightly upward from spring 2016 to spring 2020. The *average* number of high school graduates from 2016 to 2020 has been 647. Up to fall 2019 the average count of subsequent enrollments was 250. Those subsequent enrollments declined to 224 students in fall 2020. The yield rate *average* from 2016 through 2019 was 40.0%. In 2020 the yield rate was 30.5%.

The Lindhurst and Marysville high schools have contributed the majority of recently high school graduate enrollments in Yuba College and are projected to continue to do so into the future. Through spring 2025 the projection formula anticipates a continued increase in high school graduates and but a very modest increase in the number of enrollments at Yuba College. As a result, the average yield rate is projected to decrease to 35.3% between fall 2021 and fall 2025.

Two charter schools are operating in Yuba County. They are the Marysville Charter Academy for the Arts that is operated by the Marysville Unified School District and the CORE Charter school that is affiliated with the Comptonville Union Elementary School District. The Academy for the Arts *averaged* 99 graduates annually while the CORE Charter *averaged* 42 graduates annual from 2015-16 to 2019-20. Unlike charter schools in other counties, a number of graduates from these two institutions did attend Yuba College in the fall term after graduation. The enrollment yield from the Arts Academy *averaged* 39.2% from 2015-16 to 2019-20 and is expected to climb to an annual average of 42.6% over the period of 2021-22 to 2025-26. The enrollment yield from the CORE Charter School *averaged* 18.6% from 2015-16 to 2019-20 and is expected to become an annual *average* of 19.2% in the 2021-22 to 2024-25 time period.

Yuba Community College District Notes

The District as a whole had steadily enrolled an *average* of 22.7% of the graduating seniors from 2016 to 2019. In fall 2020 the yield rate fell to 19.7%.

Looking forward the yield rate from recent high school graduates is projected to *average* 20.8% from fall 2021 through fall 2025. The summary data of graduates, enrollments, and yield rates is illustrated in the following table.

	Actual, Spring Regular HS Diploma Counts					Projected, Spring Regular HS Diploma Counts				
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Yuba CCD Service Area Graduates	4,148	4,224	4,268	4,275	4,473	4,510	4,582	4,654	4,727	4,799
Yuba CCD Enrolled	951	902	1,022	958	881	961	980	966	969	972
Yuba CCD Yield Rate	22.9%	21.4%	23.9%	22.4%	19.7%	21.3%	21.4%	20.8%	20.5%	20.3%

Source: California Department of Education, Data Reporting Office. *Data Quest*; analysis by Cambridge West Partnership, LLC

Conclusions

Woodland College, 2016-2025

The 15 comprehensive high schools related to Woodland College have collectively *averaged* 2,852 graduates annually from 2015-16 to 2019-20 which represents an average 89.2% graduation rate.

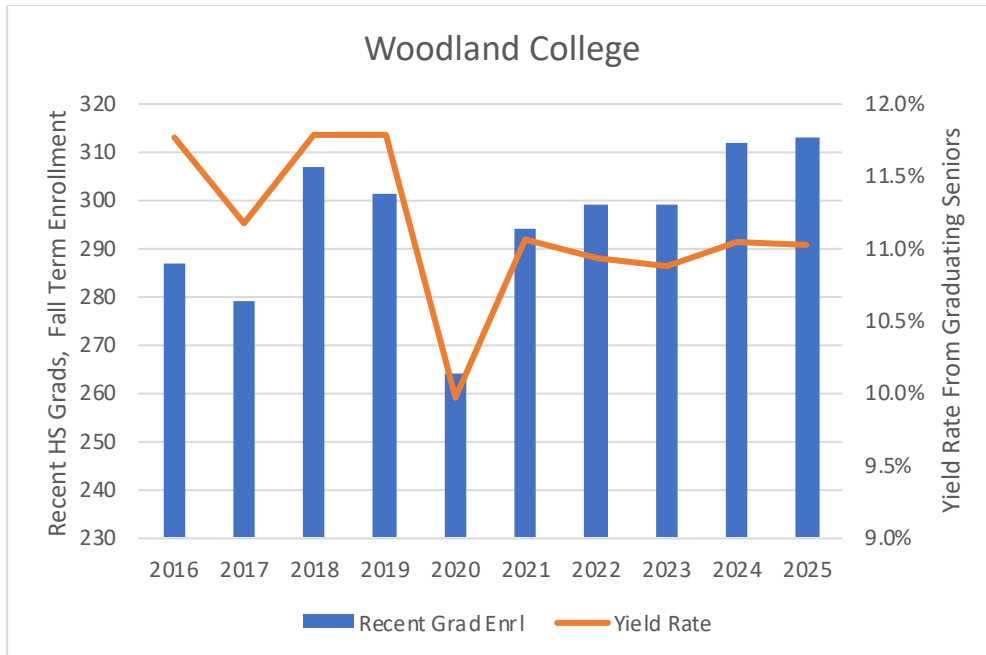
All of the high schools in Colusa County are small, only one of the four had a graduating class *average* of 100 students between 2016 and 2020.

Three of the five high schools in Lake County also are small, the other two had a graduating class average of 117 and 106 respectively between 2016 and 2020. In addition, four of the high schools are located more than 10 miles away from the Lake County Educational Center. From fall 2014 to 2019 most of the residents from zip codes linked to Kelseyville, Clear Lake, and Upper Lake high schools who attended a community college were enrolled at Mendocino Community College or Santa Rosa Junior College.

Four of the six high schools in Yolo County are much larger with graduating class sizes over 250 seniors. However, four of the six high schools are 10 miles or more away from the main campus location in Woodland. From fall 2014 to 2019 most of the residents from zip codes linked to Davis Senior, River City, and Winters high schools who attended a community college were enrolled at Sacramento City or American River Community College in the Los Rios Community College District.

Prior to the COVID pandemic, the fall term enrollments from recent high school graduates had *averaged* 294 students from 2016-2020. There was an enrollment decline in fall 2020 with only 264 recent graduates enrolling at Woodland College.

As the population continues to grow in the three counties related to Woodland College, particularly in Yolo County, post-pandemic high school graduate enrollments are projected to *average* 2,762 students through 2025-26. Without additional interventions, this College will likely enroll an *average* 303 students who represent an *average* 11.0% yield from the 15 high school graduating classes between fall 2021 and fall 2025. The past and anticipated fall enrollments and yield rates are illustrated in the following graph.



Source: Yuba Community College District, *Selected Enrollment Files*; California Department of Education *Data Quest*; analysis by Cambridge West Partnership, LLC

Yuba College, 2016-2025

The 9 comprehensive high schools related to Yuba College have graduated 88.5% of their seniors between 2016 and 2020. They have collectively *averaged* 1,877 graduates from spring 2016 to spring 2020.

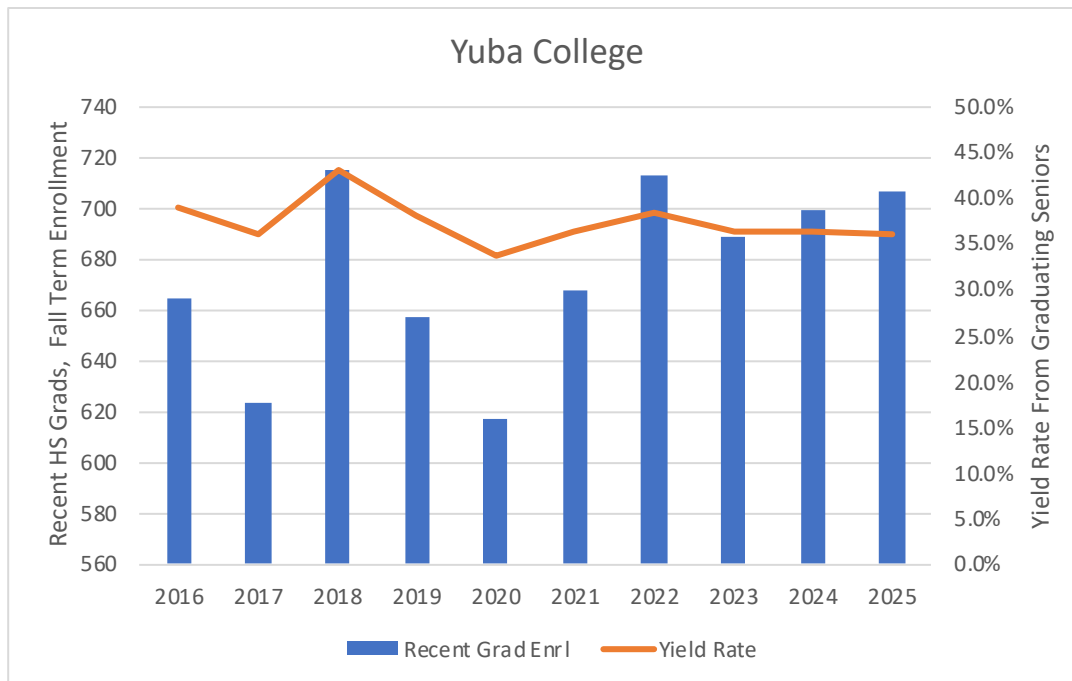
Three of the six high schools in Sutter County produced large graduating class groups which *averaged* 160 or more students between 2016 and 2020. The other three are smaller institutions, two of which *averaged* fewer than 70 students from 2016 to 2020. Five of the six high schools are eight miles or less from the Sutter County Educational Center, one of the six high schools is 19 miles away from the main campus at Marysville in Yuba County.

The three high schools in Yuba County *averaged* 160 or more graduates from 2016 to 2020. One of the high schools is more than 10 miles from the Yuba College main campus in Marysville, the other two are 7 and 4 miles away respectively. Most residents from zip code 95692, Wheatland High School and the surrounding area, who attended a community college outside of the YCCD were enrolled at Sierra College.

Prior to the COVID pandemic, Yuba College fall term enrollments from recent high school graduates had *averaged* 665 students. There was an enrollment decline in fall 2020 with only 617 recent graduates enrolling at Yuba College.

As the population continues to grow in the two counties related to Yuba College, particularly in Sutter County, post-pandemic high school graduates are anticipated to *average* 1,893 students through fall 2025. Without additional interventions, this College will likely enroll an *average* of 695 students who represent an *average* 36.7% yield from the nine comprehensive and two

charter high school graduating classes between spring 2021 and spring 2025. The past and anticipated future fall enrollment history and yield rates are illustrated in the following graph.



Source: Yuba Community College District, *Selected Enrollment Files*; California Department of Education *Data Quest*; analysis by Cambridge West Partnership, LLC

Limitations- Out of Area and Unknown

In addition to the 24 comprehensive high schools in the five county service area, YCCD enrolls students from counties throughout the state and some students from other states as well as some international students. Recent high school graduates from other than the high schools in the District service area *were not included* in the yield analysis.

The 2016 to 2020 fall term enrollment data provided by the District for this report contained 289 students who lived outside the District service area but enrolled at Woodland College. There was a concentration of students at Woodland College who graduated from:

- Dixon High School in Solano County, 115 students total
- Unknown California High Schools, 104 students total
 - The fall term totals ranged between 12 and 31 students

In addition, the provided data contained 577 total students whose high school of origin was recorded as High School- On-Line Appl 204913, a high school code value that is not recognized as valid by the California Department of Education. The yearly totals among the 577 cases ranged between 103 and 128 students.

The 2016 to 2020 fall term enrollment data provided by the District for this report contained 422 students who lived outside the District service area but were enrolled at Yuba College. There was a concentration of students at Yuba College who graduated from:

- Unknown California High Schools, 106 students total
 - The fall term totals ranged between 15 and 30 students
- Out of State, 58 students total
- Lincoln High, Placer County, 18 students total
- Nevada Union High, Nevada County, 13 students total
- Gridley Union High, Butte County, 14 students total
- Biggs High, Butte County, 11 students total
- Rocklin High, Placer County, 11 students total
- Oroville High, Butte County, 10 students total
- Woodcreek High, Placer County, 10 students total

In addition, the provided data contained 188 total students whose high school of origin was recorded as High School- On-Line Appl 204913, a high school code value that is not recognized as valid by the California Department of Education. The yearly totals among the 188 cases *averaged* 39 cases per term.

Limitations- Coding Errors

Several cases were identified and described earlier in this report as having the wrong high school label or an incorrect high school code. These erroneous coding instances were corrected, and those cases were included in this report.

With assistance from the District research and IT staff members a concerted effort was applied to the cases in which the High School- On-Line Appl code appeared. Of the 766 cases 676 were living within the five county District service area. Of those, 535 were associated with Woodland College while 141 were associated with Yuba College. All of these cases were included in the yield analysis, but the erroneous coding suggests a potential data integrity problem for future high school yield analyses.

Appendix Materials

Appendix A: Population Projections by County and College Service Areas

Life Cycle	Ages	Colusa County									2020 vs. 2060	
		2020	2025	2030	2035	2040	2045	2050	2055	2060	Nbr. Change	% Change
Youth	<15	4,720	4,395	4,483	4,791	4,866	4,782	4,520	4,193	3,945	-775	-16.4%
Career Choice	15-24	3,329	3,513	3,326	2,763	2,839	3,081	3,175	3,205	3,085	-244	-7.3%
Career Start	25-34	3,369	3,624	3,561	3,805	3,566	3,009	3,118	3,348	3,477	108	3.2%
Career Middle	35-44	2,789	2,978	3,313	3,419	3,348	3,602	3,376	2,849	2,923	134	4.8%
Career Finish	45-64	5,049	4,749	4,869	5,134	5,650	5,992	6,204	6,564	6,282	1,233	24.4%
Retirement	65+	3,337	3,834	4,119	4,291	4,329	4,341	4,461	4,680	5,086	1,749	52.4%
Total		22,593	23,093	23,671	24,203	24,598	24,807	24,854	24,839	24,798	2,205	9.8%

Life Cycle	Ages	Lake County									2020 vs. 2060	
		2020	2025	2030	2035	2040	2045	2050	2055	2060	Nbr. Change	% Change
Youth	<15	12,082	12,674	13,250	14,271	14,795	15,347	15,967	17,011	18,320	6,238	51.6%
Career Choice	15-24	7,331	7,269	7,733	7,880	8,552	9,316	9,741	9,929	10,260	2,929	40.0%
Career Start	25-34	7,507	8,126	7,851	7,803	8,014	8,236	8,951	9,955	10,434	2,927	39.0%
Career Middle	35-44	6,742	6,973	7,564	8,133	7,973	8,095	8,251	8,610	9,517	2,775	41.2%
Career Finish	45-64	16,498	13,976	12,790	12,346	13,460	14,058	14,479	14,924	15,254	-1,244	-7.5%
Retirement	65+	14,711	16,190	16,686	16,225	14,761	13,623	12,913	12,334	12,292	-2,419	-16.4%
Total		64,871	65,208	65,874	66,658	67,555	68,675	70,302	72,763	76,077	11,206	17.3%

Life Cycle	Ages	Yolo County									2020 vs. 2060	
		2020	2025	2030	2035	2040	2045	2050	2055	2060	Nbr. Change	% Change
Youth	<15	38,747	36,715	35,838	37,678	40,837	43,554	44,442	43,216	41,452	2,705	7.0%
Career Choice	15-24	59,395	62,814	64,272	61,235	60,189	61,878	64,358	66,662	68,460	9,065	15.3%
Career Start	25-34	28,146	35,497	40,089	45,016	45,717	41,963	40,761	42,681	45,163	17,017	60.5%
Career Middle	35-44	21,548	17,213	20,122	26,369	30,359	35,554	36,510	32,942	31,729	10,181	47.2%
Career Finish	45-64	47,155	43,905	39,013	33,477	34,501	36,664	42,742	52,063	56,072	8,917	18.9%
Retirement	65+	28,621	33,469	38,257	41,970	42,362	42,234	39,581	36,077	36,076	7,455	26.0%
Total		223,612	229,613	237,591	245,745	253,965	261,847	268,394	273,641	278,952	55,340	24.7%

Life Cycle	Ages	Colusa, Lake, Yolo Counties (Woodland College)									2020 vs. 2060	
		2020	2025	2030	2035	2040	2045	2050	2055	2060	Nbr. Change	% Change
Youth	<15	55,549	53,784	53,571	56,740	60,498	63,683	64,929	64,420	63,717	8,168	14.7%
Career Choice	15-24	70,055	73,596	75,331	71,878	71,580	74,275	77,274	79,796	81,805	11,750	16.8%
Career Start	25-34	39,022	47,247	51,501	56,624	57,297	53,208	52,830	55,984	59,074	20,052	51.4%
Career Middle	35-44	31,079	27,164	30,999	37,921	41,680	47,251	48,137	44,401	44,169	13,090	42.1%
Career Finish	45-64	68,702	62,630	56,672	50,957	53,611	56,714	63,425	73,551	77,608	8,906	13.0%
Retirement	65+	46,669	53,493	59,062	62,486	61,452	60,198	56,955	53,091	53,454	6,785	14.5%
Total		311,076	317,914	327,136	336,606	346,118	355,329	363,550	371,243	379,827	68,751	22.1%

Sutter County											2020 vs. 2060	
Life Cycle	Ages	2020	2025	2030	2035	2040	2045	2050	2055	2060	Nbr. Change	% Change
Youth	<15	20,667	22,037	24,657	27,984	28,748	28,140	27,424	28,345	30,816	10,149	49.1%
Career Choice	15-24	15,655	16,034	15,229	13,989	15,694	18,985	20,633	20,385	19,406	3,751	24.0%
Career Start	25-34	17,120	19,639	19,576	19,439	18,345	16,892	18,966	22,815	24,987	7,867	46.0%
Career Middle	35-44	12,617	14,590	17,592	19,527	19,493	19,527	18,361	16,912	18,929	6,312	50.0%
Career Finish	45-64	22,849	22,572	22,957	24,470	28,337	31,757	34,205	35,847	34,697	11,848	51.9%
Retirement	65+	16,839	19,474	21,365	22,600	22,993	23,267	24,238	25,986	29,156	12,317	73.1%
Total		105,747	114,346	121,376	128,009	133,610	138,568	143,827	150,290	157,991	52,244	49.4%

Yuba County											2020 vs. 2060	
Life Cycle	Ages	2020	2025	2030	2035	2040	2045	2050	2055	2060	Nbr. Change	% Change
Youth	<15	18,983	19,520	20,485	21,803	22,694	23,014	23,450	24,435	25,596	6,613	34.8%
Career Choice	15-24	12,199	13,005	13,404	13,317	14,111	15,515	16,147	16,303	16,584	4,385	35.9%
Career Start	25-34	12,526	13,748	14,469	15,512	15,899	15,694	16,729	18,634	19,373	6,847	54.7%
Career Middle	35-44	9,914	11,138	12,789	13,942	14,597	15,737	16,079	15,716	16,973	7,059	71.2%
Career Finish	45-64	15,397	14,909	15,322	16,794	19,333	21,227	23,398	25,229	26,118	10,721	69.6%
Retirement	65+	10,271	11,886	12,870	13,259	13,121	13,507	14,047	15,442	17,384	7,113	69.3%
Total		79,290	84,206	89,339	94,627	99,755	104,694	109,850	115,759	122,028	42,738	53.9%

											2020 vs. 2060	
Sutter and Yuba Counties (Yuba College)											Nbr.	
Life Cycle	Ages	2020	2025	2030	2035	2040	2045	2050	2055	2060	Change	% Change
Youth	<15	39,650	41,557	45,142	49,787	51,442	51,154	50,874	52,780	56,412	16,762	42.3%
Career Choice	15-24	27,854	29,039	28,633	27,306	29,805	34,500	36,780	36,688	35,990	8,136	29.2%
Career Start	25-34	29,646	33,387	34,045	34,951	34,244	32,586	35,695	41,449	44,360	14,714	49.6%
Career Middle	35-44	22,531	25,728	30,381	33,469	34,090	35,264	34,440	32,628	35,902	13,371	59.3%
Career Finish	45-64	38,246	37,481	38,279	41,264	47,670	52,984	57,603	61,076	60,815	22,569	59.0%
Retirement	65+	27,110	31,360	34,235	35,859	36,114	36,774	38,285	41,428	46,540	19,430	71.7%
Total		185,037	198,552	210,715	222,636	233,365	243,262	253,677	266,049	280,019	94,982	51.3%

											2020 vs. 2060	
All Counties (Yuba Community College District)											Nbr.	
Life Cycle	Ages	2020	2025	2030	2035	2040	2045	2050	2055	2060	Change	% Change
Youth	<15	95,199	95,341	98,713	106,527	111,940	114,837	115,803	117,200	120,129	24,930	26.2%
Career Choice	15-24	97,909	102,635	103,964	99,184	101,385	108,775	114,054	116,484	117,795	19,886	20.3%
Career Start	25-34	68,668	80,634	85,546	91,575	91,541	85,794	88,525	97,433	103,434	34,766	50.6%
Career Middle	35-44	53,610	52,892	61,380	71,390	75,770	82,515	82,577	77,029	80,071	26,461	49.4%
Career Finish	45-64	106,948	100,111	94,951	92,221	101,281	109,698	121,028	134,627	138,423	31,475	29.4%
Retirement	65+	73,779	84,853	93,297	98,345	97,566	96,972	95,240	94,519	99,994	26,215	35.5%
Total		496,113	516,466	537,851	559,242	579,483	598,591	617,227	637,292	659,846	163,733	33.0%

Source: California Department of Finance, Demographic Research Unit, *Report P-2B: Population Projections by Individual Year of Age, California Counties, 2010-2060* (Baseline 1029 Population projections; vintage 2019 release). Sacramento, California. January 2020; analysis by Cambridge West Partnership, LLC

Appendix B: Projections of High School Graduates by County With Confidence Limits

College	County	Counts of Graduates From Major Public School Districts				Projections of Graduates From Major Public School Districts					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Colusa		329	331	319	305	333	323	326	323	326	323
						lower	302	305	302	305	302
						upper	344	347	344	347	344
Lake		556	533	557	550	570	558	576	565	582	571
						lower	547	563	551	567	555
						upper	570	588	578	597	587
Yolo		2,030	1,883	1,995	1,975	1,996	1,987	2,047	2,003	2,062	2,019
						lower	1,883	1,939	1,892	1,948	1,902
						upper	2,092	2,155	2,115	2,177	2,137
Woodland Totals		2,915	2,747	2,871	2,830	2,899	2,869	2,948	2,891	2,970	2,913
						lower	2,772	2,848	2,788	2,865	2,805
						upper	2,966	3,048	2,994	3,076	3,021
Sutter		1,170	1,177	1,179	1,228	1,201	1,227	1,239	1,250	1,261	1,273
						lower	1,193	1,204	1,214	1,223	1,234
						upper	1,261	1,274	1,286	1,299	1,312
Yuba		802	680	628	630	733	668	654	640	626	657
						lower	512	480	449	420	436
						upper	824	828	831	832	878
Yuba Totals		1,972	1,857	1,807	1,858	1,934	1,895	1,893	1,890	1,887	1,930
						lower	1,744	1,724	1,705	1,687	1,716
						upper	2,046	2,062	2,075	2,087	2,144

Source: California Department of Education, Data Reporting Office. *Data Quest*; analysis by Cambridge West Partnership, LLC

The equation used for the forecast projection is $a + bx$ where:

$$a = \bar{y} - b\bar{x}$$

and:

$$b = \frac{\sum (x - \bar{x})(y - \bar{y})}{\sum (x - \bar{x})^2}$$

Appendix C: Who Is Related to Whom In the Yuba Community College District Service Area

College	# County	# District	# High School	Miles To	Minutes to		Center/Main Campus
					Drive		
Woodland	1 Colusa	1 Colusa Unified	1 Colusa	8	10		Colusa County Campus
		2 Maxwell Unified	2 Maxwell Sr.	10	13		Colusa County Campus
		3 Pierce Joint Unified	3 Pierce	12	10		Colusa County Campus
		4 Williams Unified	4 Williams Jr./Sr.	2	5		Colusa County Campus
	2 Lake	5 Kelseyville Unified	5 Kelseyville	16	19		Lake County Campus
		6 Konocti Unified	6 Lower Lake	2	4		Lake County Campus
		7 Lakeport Unified	7 Clear Lake	27	31		Lake County Campus
		8 Middletown Unified	8 Middletown	16	19		Lake County Campus
		9 Upper Lake Unified	9 Upper Lake	34	37		Lake County Campus
	3 Yolo	10 Davis Joint Unified	10 Davis Sr.	10	17		Main Campus
		11 Esparto Unified	11 Esparto	17	28		Main Campus
		12 Washington Unified	12 River City	23	29		Main Campus
		13 Winters Joint Unified	13 Winters	22	28		Main Campus
		14 Woodland Joint Unified	14 Pioneer	2	7		Main Campus
		Woodland Joint Unified	15 Woodland Sr.	7	12		Main Campus
Subtotal	3		14	15			
Yuba	4 Sutter	15 Yuba City Unified	16 River Valley	5	9		Sutter County Campus
		Yuba City Unified	17 Yuba City	4	10		Sutter County Campus
		16 Live Oak	18 Live Oak	8	11		Sutter County Campus
		17 Sutter Union	19 Butte View	8	12		Sutter County Campus
	5 Yuba	Sutter Union	20 Sutter Union	8	12		Sutter County Campus
		18 E. Nicolaus Joint Union High	21 East Nicolaus	19	21		Main Campus
		19 Marysville Joint Unified	22 Lindhurst	7	13		Main Campus
		Marysville Joint Unified	23 Marysville	4	10		Main Campus
20 Wheatland Union High	24 Wheatland	14	19		Main Campus		
Subtotal	2		6	9			
Grand Total	5		20	24			

Woodland College 2300 E. Gibson Road Woodland, CA 95776
 Lake County Campus 15880 Dam Road Extension Clearlake, CA 95422
 Colusa County Campus 99 Ella Street Williams, CA 95987

Yuba College 2088 North Beale Road Marysville, CA 95901
 Sutter County Campus 3301 E. Onstott Road Yuba City, CA 95991
 Beale Outreach Site Highway 99 Beale AFB, CA 95903

Source: Yuba Community College District; analysis by Cambridge West Partnership, LLC

Appendix D: Public High School District Regular High School Diploma Graduates A-G
Course Completion Rates

Woodland College Associated Districts

District	Percentage of Graduates Meeting UC/CSU A-G Course Requirements				Annual Average
	2016-17	2017-18	2018-19	2019-20	
Colusa County					
Colusa Unified	0.0%	2.1%	42.0%	25.6%	17.4%
Maxwell Unified	35.7%	30.0%	6.9%	33.3%	26.5%
Pierce Joint Unified	29.1%	22.6%	25.0%	34.3%	27.8%
Williams Unified	37.8%	30.9%	34.1%	47.3%	37.5%
Lake County					
Kelseyville Unified	21.4%	31.7%	26.6%	33.3%	28.3%
Konocti Unified	21.6%	25.5%	33.6%	26.9%	26.9%
Lakeport Unified	35.7%	20.6%	26.7%	14.1%	24.3%
Middletown Unified	31.6%	29.9%	30.4%	35.1%	31.7%
Upper Lake Union High	33.3%	3.3%	0.0%	5.6%	10.5%
Yolo County					
Davis Joint Unified	78.4%	72.4%	70.5%	77.5%	74.7%
Esparto Unified	37.2%	46.1%	39.6%	44.4%	41.8%
Washington Unified	43.1%	42.5%	45.2%	48.9%	45.0%
Winters Joint Unified	33.3%	38.2%	29.5%	39.8%	35.2%
Woodland Joint Unified	43.6%	30.5%	47.7%	39.2%	40.2%
Woodland College Districts	44.6%	39.7%	45.3%	46.2%	43.9%

Source: California Department of Education, Data Reporting Office. *Data Quest*; analysis by Cambridge West Partnership, LLC

Yuba College Associated Districts

Percentage of Graduates Meeting UC/CSU A-G

District	Course Requirements				Annual Average
	2016-17	2017-18	2018-19	2019-20	
Sutter County					
E. Nicolaus Joint Union	37.7%	48.6%	50.0%	53.9%	47.6%
Live Oak Unified	47.8%	35.9%	42.5%	47.1%	43.3%
Sutter Union High	41.6%	39.9%	43.3%	46.9%	42.9%
Yuba City Unified	39.3%	36.3%	37.7%	36.3%	37.4%

Yuba County

Marysville Joint Unified	24.5%	24.7%	24.2%	31.0%	26.1%
Wheatland Union High	51.9%	33.3%	37.4%	26.3%	37.2%

Yuba College Districts 37.0% 33.8% 35.6% 36.2% 35.6%

Source: California Department of Education, Data Reporting Office. *Data Quest*; analysis by Cambridge West Partnership, LLC

Appendix E: Public High school District Regular High School Diploma Graduation Rates by College, County, and District

Woodland College Associated Districts*

Colusa County

District	Academic Year of Graduation					Average
	2015-16	2016-17	2017-18	2018-19	2019-20	
Colusa Unified						
Cohort	110	111	119	107	126	
Regular HS Diploma	98	102	96	88	117	
Graduation Rate	89.1%	91.9%	80.7%	82.2%	92.9%	87.4%
Maxwell Unified						
Cohort	30	29	20	31	25	
Regular HS Diploma	28	28	20	29	21	
Graduation Rate	93.3%	96.6%	100.0%	93.5%	84.0%	93.5%
Pierce Joint Unified						
Cohort	122	109	110	108	109	
Regular HS Diploma	116	103	106	100	102	
Graduation Rate	95.1%	94.5%	96.4%	92.6%	93.6%	94.4%
Williams Unified						
Cohort	92	103	103	89	98	
Regular HS Diploma	87	98	97	88	93	
Graduation Rate	94.6%	95.1%	94.2%	98.9%	94.9%	95.5%
All Districts Cohort	354	352	352	335	358	
All Districts HS Diploma	329	331	319	305	333	
All Districts Graduation Rate	92.9%	94.0%	90.6%	91.0%	93.0%	92.3%

Lake County

Academic Year of Graduation

District	2015-16	2016-17	2017-18	2018-19	2019-20	Average
Kelseyville Unified						
Cohort	133	141	145	143	149	
Regular HS Diploma	122	117	126	124	126	
Graduation Rate	91.7%	83.0%	86.9%	86.7%	84.6%	86.6%
Konocti Unified						
Cohort	192	231	235	249	248	
Regular HS Diploma	146	139	137	146	160	
Graduation Rate	76.0%	60.2%	58.3%	58.6%	64.5%	63.5%
Lakeport Unified						
Cohort	98	121	133	99	111	
Regular HS Diploma	111	112	126	90	99	
Graduation Rate	113.3%	92.6%	94.7%	90.9%	89.2%	96.1%
Middletown Unified						
Cohort	122	127	109	130	134	
Regular HS Diploma	121	114	107	125	131	
Graduation Rate	99.2%	89.8%	98.2%	96.2%	97.8%	96.2%
Upper Lake Union High						
Cohort	62	76	81	88	75	
Regular HS Diploma	56	51	61	65	54	
Graduation Rate	90.3%	67.1%	75.3%	73.9%	72.0%	75.7%
All Districts Cohort	607	696	703	709	717	
All Districts HS Diploma	556	533	557	550	570	
All Districts Graduation Rate	91.6%	76.6%	79.2%	77.6%	79.5%	80.9%

Yolo County

Academic Year of Graduation

District	2015-16	2016-17	2017-18	2018-19	2019-20	Average
Davis Joint Unified						
Cohort	700	603	635	631	660	
Regular HS Diploma	668	561	588	600	619	
Graduation Rate	95.4%	93.0%	92.6%	95.1%	93.8%	94.0%
Esparto Unified						
Cohort	72	79	92	51	90	
Regular HS Diploma	79	78	89	48	81	
Graduation Rate	109.7%	98.7%	96.7%	94.1%	90.0%	97.9%
Washington Unified						
Cohort	550	555	606	619	563	
Regular HS Diploma	543	489	536	546	511	
Graduation Rate	98.7%	88.1%	88.4%	88.2%	90.8%	90.9%
Winters Joint Unified						
Cohort	118	117	131	115	123	
Regular HS Diploma	102	99	110	95	88	
Graduation Rate	86.4%	84.6%	84.0%	82.6%	71.5%	81.8%
Woodland Joint Unified						
Cohort	705	743	750	743	759	
Regular HS Diploma	638	656	672	686	697	
Graduation Rate	90.5%	88.3%	89.6%	92.3%	91.8%	90.5%
All Districts Cohort	2,145	2,097	2,214	2,159	2,195	
All Districts HS Diploma	2,030	1,883	1,995	1,975	1,996	
All Districts Graduation Rate	94.6%	89.8%	90.1%	91.5%	90.9%	91.4%

Academic Year of Graduation

Woodland College Counties	2015-16	2016-17	2017-18	2018-19	2019-20	Average
All Districts Cohorts	3,106	3,145	3,269	3,203	3,270	
All Districts HS Diplomas	2,915	2,747	2,871	2,830	2,899	
All Districts Graduation Rate	93.9%	87.3%	87.8%	88.4%	88.7%	89.2%

*Excludes charter schools and county Office of Education programs, includes alternative and continuation schools. Public schools only, private schools are excluded.

Yuba College Associated Districts*

Sutter County

District	Academic Year of Graduation					Average
	2015-16	2016-17	2017-18	2018-19	2019-20	
E. Nicolaus Joint Union						
Cohort	64	56	73	75	78	
Regular HS Diploma	63	53	70	74	76	
Graduation Rate	98.4%	94.6%	95.9%	98.7%	97.4%	97.0%
Live Oak Unified						
Cohort	127	143	134	142	154	
Regular HS Diploma	113	134	128	134	140	
Graduation Rate	89.0%	93.7%	95.5%	94.4%	90.9%	92.7%
Sutter Union High						
Cohort	147	196	187	191	182	
Regular HS Diploma	145	190	183	187	175	
Graduation Rate	98.6%	96.9%	97.9%	97.9%	96.2%	97.5%
Yuba City Unified						
Cohort	940	947	923	971	950	
Regular HS Diploma	849	800	798	833	810	
Graduation Rate	90.3%	84.5%	86.5%	85.8%	85.3%	86.5%
All Districts Cohort	1,278	1,342	1,317	1,379	1,364	
All Districts HS Diploma	1,170	1,177	1,179	1,228	1,201	
All Districts Graduation Rate	91.5%	87.7%	89.5%	89.1%	88.0%	89.2%

Yuba County

District	Academic Year of Graduation					Average
	2015-16	2016-17	2017-18	2018-19	2019-20	
Marysville Joint Unified						
Cohort	656	628	604	567	602	
Regular HS Diploma	602	522	493	483	516	
Graduation Rate	91.8%	83.1%	81.6%	85.2%	85.7%	85.5%
Wheatland Union High						
Cohort	168	161	141	173	223	
Regular HS Diploma	158	158	135	147	217	
Graduation Rate	94.0%	98.1%	95.7%	85.0%	97.3%	94.0%
All Districts Cohort	824	789	745	740	825	
All Districts HS Diploma	760	680	628	630	733	
All Districts Graduation Rate	92.2%	86.2%	84.3%	85.1%	88.8%	87.3%

Yuba College Counties	Academic Year of Graduation					Average
	2015-16	2016-17	2017-18	2018-19	2019-20	
All Districts Cohorts	2,102	2,131	2,062	2,119	2,189	
All Districts HS Diplomas	1,930	1,857	1,807	1,858	1,934	
All Districts Graduation Rate	91.8%	87.1%	87.6%	87.7%	88.4%	88.5%

*Excludes charter schools and county Office of Education programs, includes alternative and continuation schools. Public schools only, private schools are excluded.

Source: California Department of Education, Data Reporting Office. *Data Quest*; analysis by Cambridge West Partnership, LLC

Appendix F: Abbreviated California Department of Education Codes for Public School Districts Within the Yuba Community College District Service Area

The California community college system uses a six-digit portion of the 14-digit school code assigned by the California Department of Education.

Colusa County

Colusa Unified

745 10th Street, Colusa CA 95932-2220

- Colusa High, zip 95932- 063125²
- Colusa Alternative High (Continuation), zip 95932- 063011
- Colusa Alternative Home, zip 95932- 063004

Maxwell Unified

515 Oak Street, Maxwell, CA 95955-0788

- Maxwell Sr. High, zip 95955- 063475

Pierce Joint Unified

540 A. Sixth Street, Arbuckle, CA 95912

- Pierce High, zip 95912- 063525
- Arbuckle Alternative High (Continuation), zip 95912- 063008

Williams Unified

260 11st Street, Williams, CA 95987-0007

- Williams Jr/Sr High, zip 95987- 063750
- Mid Valley (Continuation), zip 95987- 063003

Lake County

Kelseyville Unified

4410 Konocti Road, Kelseyville, CA 95451

- Kelseyville High, zip 95451-173435
- Ed Donaldson Education Center (Continuation), zip 95451- 173004
- Kelseyville Community Day, zip 95451- 173015
- Kelseyville Learning Academy, zip 95451- 013853

Konocti Unified

9430-B Lake Street, Lower Lake 95457

- Lower Lake High, zip 95457- 173500
- W.C. Carle High (Alternative 10-12), zip 95457- 173002

² Six digit high school code used by the California community colleges

- Richard H. Lewis (Alternative K-12), zip 95422- 173011
- Konocti Education Center (grades 4-12), zip 95422- 013257

Lakeport Unified

2508 Howard Avenue, Lakeport, CA 95453

- Clear Lake High, zip 95453-173230
- Lakeport Alternative (Home School), zip 95453- 173014
- Natural High (Continuation), zip 95453- 173001

Middletown Unified

20932 Big Canyon Road, Middletown, CA 95461

- Loconoma High, zip 95461- 173003
- Middletown High, zip 95461- 173600
- California Connections Academy North Bay, zip 95366- 012960

Upper Lake Unified

675 Clover Valley Road, Upper Lake, CA 95485

- Upper Lake High, zip 95485- 173700
- Clover Valley High (Continuation), zip 95485- 173005
- Upper Lake Community Day, zip 95485- 173017

Sutter County

East Nicolaus Joint Union

2454 Nicolaus Avenue, Nicolaus, CA 95659

- East Nicolaus High, zip 95659- 513275

Live Oak Unified

2201 Pennington Road, Live Oak, CA 95953

- Live Oak High, zip 95953- 513525
- Valley Oak (Continuation), zip 95953-513005
- Live Oak Alternative, zip 95953- 513006

Marcum-Illinois Union

2451 El Centro Blvd., East Nicolaus, CA 95659

- South Sutter Charter, zip 95667- 013276

Meridian Elementary

15898 Central Street, Meridian, CA 95957

- California Virtual Academy at Sutter, zip 93065- 012900

Nuestro Elementary

3934 Broadway Road, Live Oak, CA 95953

- Sutter Peak Charter Academy, zip 95815- 013297

Sutter Union High

2665 Acacia Avenue, Sutter, CA 95982

- Sutter Union High, zip 95982- 513750
- Butte View High, zip 95982- 513004

Winship-Robbins Elementary

17451 Pepper Street, Robbins, CA 95676

- Feather River Charter, zip 91010- 605343

Yuba City Unified

750 Palora Avenue, Yuba City, CA 95991

- River Valley High, zip 95993- 010772
- Yuba City High, zip 95991- 513900
- Yuba City Charter, zip 95991- 513012
- Albert Powell (Continuation), zip 95991-513001
- Yuba City Independence Academy, zip 95991- 513007

Yolo County

Davis Joint Unified School District

526 B Street, Davis, CA 95616

- Davis Senior High, zip 95616- 573220
- King (Martin Luther) High (Continuation), zip 95616- 573221
- Da Vinci Charter Academy, zip 95616- 011957
- Davis School for Independent Study, zip 95616-573009

Esparto Unified School District

26675 Plainfield Street, Esparto, CA 95627

- Esparto High, zip 95627- 573290
- Madison Community High (Continuation), zip 95653- 573005

Washington Unified School District

930 Westacre Road, West Sacramento, CA 95691

- River City High, zip 95691- 573515
- Yolo High (Continuation), zip 95691- 573955
- Washington Middle College High, zip 95691- 013593

Winters Joint Unified School District

909 West Grant Avenue, Winters, CA 95694

- Winters High, zip 95694- 573580
- Wolfskill High (Continuation)-, zip 95694-573004
- Compass Charter School of Yolo, zip 91361- 013943

Woodland Joint Unified School District

435 6th Street, Woodland, CA 95695

- Pioneer High, zip 95776- 010116
- Woodland Sr High, zip 95695- 573880
- Cache Creek High (Continuation), zip 95697- 573881
- Woodland Adult School, zip 95695- 573870

Yuba County

Marysville Joint Unified School District

1919 B Street, Marysville, CA 95901

- Lindhurst High, zip 95961- 583001
- South Lindhurst High (Continuation), zip 95961- 583009
- Marysville High, zip 95901-583520
- Marysville Charter Academy for the Arts, zip 95901-583013
- District Office, zip 95901- 000000

Wheatland Union High School

1010 Wheatland Road, Wheatland, CA 95692

- Edward P. Duplex (Continuation), zip 95692
- Wheatland Union High, zip 95692- 583830
- Wheatland Community Day High (Continuation), zip 95692- 012357

Appendix G: High School Yield Rate Details

Colusa County

District	High School	Actual, Spring Regular HS Diploma Counts, Subsequent Fall Enrollment, and Yield Rates					Projected, Spring Regular HS Diploma Counts, Subsequent Fall Enrollment, and Yield Rates				
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Colusa Unified	Colusa	72	87	72	67	89	73	63	68	59	64
	Woodland Enrl	11	4	7	10	6	8	8	7	8	8
	Yield Rate	15.3%	4.6%	9.7%	14.9%	6.7%	10.6%	12.5%	10.5%	12.8%	11.7%
Maxwell Unified	Maxwell Sr.	28	28	20	29	21	26	21	25	20	24
	Woodland Enrl	3	1	3	3	1	2	4	3	4	3
	Yield Rate	10.7%	3.6%	15.0%	10.3%	4.8%	8.7%	17.3%	10.4%	19.9%	12.2%
Pierce Joint Unified	Pierce	111	97	101	98	93	89	95	85	90	81
	Woodland Enrl	31	17	26	26	23	25	25	24	25	25
	Yield Rate	27.9%	17.5%	25.7%	26.5%	24.7%	28.0%	26.0%	28.6%	27.2%	30.4%
Williams Unified	Williams Jr./Sr.	80	83	83	75	80	74	72	70	68	66
	Woodland Enrl	15	20	16	3	11	10	8	10	9	9
	Yield Rate	18.8%	24.1%	19.3%	4.0%	13.8%	13.5%	11.1%	13.8%	13.6%	13.5%
Colusa County Graduates		291	295	276	269	283	262	251	248	237	235
Woodland Enrolled		60	42	52	42	41	45	44	44	45	44
Yield Rate		20.6%	14.2%	18.8%	15.6%	14.5%	17.2%	17.6%	17.6%	19.1%	18.7%

Lake County

District	High School	Actual, Spring Regular HS Diploma Counts					Projected, Spring Regular HS Diploma Counts				
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Kelseyville Unified	Kelseyville	120	115	120	118	111	111	110	108	106	105
	Woodland Enrl	1	0	3	1	1	0	2	1	3	1
	Yield Rate	0.8%	0.0%	2.5%	0.8%	0.9%	0.3%	2.2%	0.6%	2.5%	1.0%
Konociti Unified	Lower Lake	77	105	99	94	115	113	102	118	107	122
	Woodland Enrl	15	13	25	20	12	14	14	14	13	13
	Yield Rate	19.5%	12.4%	25.3%	21.3%	10.4%	12.7%	13.7%	11.6%	12.4%	10.5%
Lakeport Unified	Clear Lake	74	87	99	73	76	74	72	71	69	67
	Woodland Enrl	0	1	0	1	2	2	3	3	4	4
	Yield Rate	0.0%	1.1%	0.0%	1.4%	2.6%	3.0%	3.7%	4.4%	5.1%	5.9%
Middletown Unified	Middletown	99	99	100	113	119	124	129	135	141	146
	Woodland Enrl	7	2	2	13	7	7	9	8	8	8
	Yield Rate	7.1%	2.0%	2.0%	11.5%	5.9%	5.9%	7.0%	5.8%	5.7%	5.7%
Upper Lake Unified	Upper Lake	56	119	113	100	99	107	113	119	125	131
	Woodland Enrl	0	0	1	1	2	2	3	3	4	4
	Yield Rate	0.0%	0.0%	0.9%	1.0%	2.0%	1.9%	2.7%	2.5%	3.2%	3.1%
Lake County Graduates		426	525	531	498	520	529	526	550	547	571
Woodland Enrolled		23	16	31	36	24	26	31	28	32	30
Yield Rate		5.4%	3.0%	5.8%	7.2%	4.6%	5.0%	5.9%	5.1%	5.8%	5.3%

Yolo County

District	High School	Actual, Spring Regular HS Diploma Counts					Projected, Spring Regular HS Diploma Counts				
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Davis Joint Unified	Davis Sr.	508	500	531	541	585	597	617	637	657	677
	Woodland Enrl	16	18	16	11	17	15	14	15	15	15
	Yield Rate	3.1%	3.6%	3.0%	2.0%	2.9%	2.5%	2.3%	2.4%	2.2%	2.2%
Esparto Unified	Esparto	70	68	76	46	73	47	50	37	40	27
	Woodland Enrl	15	20	19	13	19	17	16	17	17	17
	Yield Rate	21.4%	29.4%	25.0%	28.3%	26.0%	36.5%	32.9%	47.3%	42.3%	62.2%
Washington Unified	River City	477	438	488	490	474	496	537	518	559	541
	Woodland Enrl	3	0	3	2	0	2	1	1	1	1
	Yield Rate	0.6%	0.0%	0.6%	0.4%	0.0%	0.3%	0.2%	0.2%	0.2%	0.2%
Winters Joint Unified	Winters	87	86	99	86	87	83	89	82	88	81
	Woodland Enrl	1	4	6	6	4	6	7	7	8	9
	Yield Rate	1.1%	4.7%	6.1%	7.0%	4.6%	7.1%	7.3%	8.8%	8.9%	10.6%
Woodland Joint Unified	Pioneer	300	341	328	327	340	345	324	349	328	353
	Woodland Enrl	66	85	81	93	85	93	98	102	107	111
	Yield Rate	22.0%	24.9%	24.7%	28.4%	25.0%	27.1%	30.2%	29.3%	32.5%	31.5%
Woodland Joint Unified	Woodland Sr.	280	245	275	299	284	302	341	329	368	355
	Woodland Enrl	103	94	99	98	74	90	87	84	87	86
	Yield Rate	36.8%	38.4%	36.0%	32.8%	26.1%	29.9%	25.6%	25.5%	23.7%	24.3%
Yolo County Graduates		1,722	1,678	1,797	1,789	1,843	1,869	1,958	1,951	2,040	2,033
Woodland Enrolled		204	221	224	223	199	223	224	227	235	239
Yield Rate		11.8%	13.2%	12.5%	12.5%	10.8%	11.9%	11.4%	11.6%	11.5%	11.7%

	Actual, Spring Regular HS Diploma Counts,					Projected, Spring Regular HS Diploma Counts,				
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Woodland College Subarea Graduates	2,439	2,498	2,604	2,556	2,646	2,660	2,735	2,750	2,825	2,839
Woodland Enrolled	287	279	307	301	264	294	299	299	312	313
Yield Rate	11.8%	11.2%	11.8%	11.8%	10.0%	11.1%	10.9%	10.9%	11.0%	11.0%

Sutter County

District	High School	Actual, Spring Regular HS Diploma Counts					Projected, Spring Regular HS Diploma Counts				
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Yuba City Unified	River Valley	382	385	382	391	390	396	395	401	400	406
	Yuba Enrl	166	155	205	183	185	182	218	198	199	205
	Yield Rate	43.5%	40.3%	53.7%	46.8%	47.4%	45.9%	55.1%	49.3%	49.7%	50.4%
Yuba City Unified	Yuba City	345	343	339	349	333	344	342	344	341	343
	Yuba Enrl	166	152	184	160	148	165	170	165	167	167
	Yield Rate	48.1%	44.3%	54.3%	45.8%	44.4%	48.0%	49.7%	48.0%	48.9%	48.7%
Live Oak Unified	Live Oak	104	111	109	111	119	118	118	122	122	126
	Yuba Enrl	13	9	14	12	4	10	9	8	9	8
	Yield Rate	12.5%	8.1%	12.8%	10.8%	3.4%	8.5%	7.4%	6.2%	7.2%	6.6%
Sutter Union High	Butte View	13	20	17	22	16	23	18	24	20	26
	Yuba Enrl	1	4	0	0	2	1	1	1	1	1
	Yield Rate	7.7%	20.0%	0.0%	0.0%	12.5%	2.9%	4.8%	4.9%	4.6%	3.9%
Sutter Union High	Sutter	132	170	166	165	159	169	173	177	182	186
	Yuba Enrl	31	47	56	44	40	45	45	46	47	48
	Yield Rate	23.5%	27.6%	33.7%	26.7%	25.2%	26.4%	26.2%	26.0%	25.9%	25.7%
E. Nicholas Joint Union	East Nicholas	63	53	70	74	76	82	100	95	113	108
	Yuba Enrl	12	13	19	13	14	14	15	15	15	15
	Yield Rate	19.0%	24.5%	27.1%	17.6%	18.4%	17.6%	14.6%	15.5%	13.2%	14.0%
	Graduates	1,039	1,082	1,083	1,112	1,093	1,131	1,146	1,164	1,178	1,196
	Yuba Enrolled	389	380	478	412	393	416	457	432	437	444
Yield Rate	37.4%	35.1%	44.1%	37.1%	36.0%	36.8%	39.9%	37.2%	37.1%	37.2%	

Yuba County

District	High School	Actual, Spring Regular HS Diploma Counts					Projected, Spring Regular HS Diploma Counts				
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Marysville Joint Unified	Lindhurst	229	202	194	190	231	215	216	216	217	217
	Yuba Enrl	129	93	102	102	92	99	101	101	100	101
	Yield Rate	56.3%	46.0%	52.6%	53.7%	39.8%	46.0%	46.8%	46.5%	46.2%	46.3%
Marysville Joint Unified	Marysville	199	193	171	168	208	193	193	194	195	195
	Yuba Enrl	84	92	75	78	61	82	78	79	80	79
	Yield Rate	42.2%	47.7%	43.9%	46.4%	29.3%	42.4%	40.4%	40.9%	40.9%	40.5%
Marysville Joint Unified	Academy of Art	42	46	45	60	52	65	66	75	76	84
	Yuba Enrl	16	20	14	26	21	29	26	33	30	38
	Yield Rate	38.1%	43.5%	31.1%	43.3%	40.4%	44.3%	38.8%	44.8%	39.9%	45.1%
Camptonville Elementary	CORE Academy	42	45	36	42	47	42	44	44	43	44
	Yuba Enrl	6	8	9	7	9	8	8	8	8	8
	Yield Rate	14.3%	17.8%	25.0%	16.7%	19.1%	20.0%	18.6%	19.2%	19.3%	19.0%
Wheatland Union High	Wheatland	158	158	135	147	196	187	195	203	212	220
	Yuba Enrl	40	30	37	32	41	33	42	35	44	36
	Yield Rate	25.3%	19.0%	27.4%	21.8%	20.9%	17.8%	21.7%	17.1%	20.7%	16.5%
	Graduates	670	644	581	607	734	702	715	733	742	760
	Yuba Enrolled	275	243	237	245	224	251	255	257	262	262
Yield Rate	41.0%	37.7%	40.8%	40.4%	30.5%	35.8%	35.8%	35.0%	35.3%	34.5%	

	Actual, Spring Regular HS Diploma Counts					Projected, Spring Regular HS Diploma Counts				
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Yuba College Subarea Graduates	1,709	1,726	1,664	1,719	1,827	1,834	1,860	1,896	1,920	1,956
Yuba Enrolled	664	623	715	657	617	668	712	689	700	706
Yield Rate	38.9%	36.1%	43.0%	38.2%	33.8%	36.4%	38.3%	36.3%	36.4%	36.1%

	Actual, Spring Regular HS Diploma Counts					Projected, Spring Regular HS Diploma Counts				
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Yuba CCD Service Area Graduates	4,148	4,224	4,268	4,275	4,473	4,510	4,582	4,654	4,727	4,799
Yuba CCD Enrolled	951	902	1,022	958	881	961	980	966	969	972
Yuba CCD Yield Rate	22.9%	21.4%	23.9%	22.4%	19.7%	21.3%	21.4%	20.8%	20.5%	20.3%

Source: California Department of Education, Data Reporting Office. *Data Quest*; analysis by Cambridge West Partnership, LLC