

Strong Workforce Program Dashboard

06.20.23

Metric Definition Dictionary

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DATA COMPARISONS AND CAVEATS

STUDENT TYPES

The following provides the types of students who are included in the Strong Workforce Program dashboard on the LaunchBoard:

Strong Workforce Program Students

Credit or noncredit students who:

- Have a record in the Student Enrollment Data Elements (SX) file on a TOP code assigned to a vocational sector in the selected year in the selected year
- Is enrolled as a non-Special Admit student in at least one primary term of the selected year
- Took at least 0.5 units in any single credit course or who had at least 12 positive attendance hours in any noncredit course(s) at any college in the selected year or who enrolled in noncredit courses in Spring 2020 or in any term in academic year 2021 or 2022

Special Spring 2020 Treatment

Starting in Spring term 2020, in-person noncredit courses in the Chancellor's Office Management Information System (COMIS) were converted to distance education modalities using synchronous live interactions between students and instructors, asynchronous methods in which students accessed materials and instruction on their own time, and/or a combination of the two. Colleges implementing distance education modalities for their courses that included asynchronous instruction, where students can log in and access information and assignments without solely interacting directly with the instructor, were directed to use the Alternative Attendance Accounting Procedure used for distance education. Noncredit Distance Education does not have a code in XB01 Section-Accounting-Method data element but instead is directed to use "I" for Independent Study. When XB01 is flagged as "I," SX05 Enrollment-Positive-Attendance-Hours must be equal to "88888." Therefore, using SX05 as the method for determining contact hours in noncredit may not work starting in Spring 2020 term for some colleges. However, colleges who chose to follow the CO exception and implement the positive attendance accounting method for synchronous DE instruction could still submit noncredit student data in SX05.

Therefore, the Chancellor's Office has decided to treat the Spring 2020 term and all terms in academic year 2020-21 and 2021-22 differently in terms of using SX05 to determine a valid noncredit enrollment for inclusion in Strong Workforce Program and Community College Pipeline. Students enrolled in Spring 2020, Summer 2020, Fall 2020, Winter 2021, Spring 2021, Summer 2021, Fall 2021, Winter 2022, Spring 2021 will be included if there is any value in the [SX](#) files or Student Enrollment Data Elements for that student. A student EITHER has to have 12 or more contact hours at any college in the selected year OR any value in the SX file if enrolled in Spring 2020 term or any term in academic year 2020-21 or 2021-22 and enroll in a noncredit course(s).

Exiters

SWP students who:

- Took one or more courses on the selected TOP code in selected year
- Did not subsequently enroll in any community college the following academic year
- Did not subsequently enroll in any postsecondary institution the following academic year

TIMEFRAMES

Information is provided for the following years (unless noted otherwise):

- 2021-2022*
- 2020-2021
- 2019-2020
- 2018-2019
- 2017-2018
- 2016-2017
- 2015-2016
- 2014-2015
- 2013-2014
- 2012-2013
- 2011-2012

* Transfer data is available through 2020-21. Earnings and transfer data is only available through 2020-21. Employment data is available from 2012-13 through 2019-20 from the Career Technical Education Outcomes Survey (CTEOS).

Academic years include the leading summer plus fall, winter, and spring terms.

SNAPSHOT VIEW

Snapshot views display information based on students who met the criteria for each metric within the selected year. Therefore, the specific students may not be the same from one metric to the next within each student journey. For example, the students who completed 9+ CTE units in a year may not be the same students who earned an associate degree in that same year.

DATA DISAGGREGATION

- **Gender:**
Value options: Female, Male, Non-Binary, Unknown/Non-Respondent, Multiple Values Reported*
*For the 2022-23 build, the Multiple Values Reported subgroup will continue to be calculated but suppressed for all metrics. Since students in that subgroup are more likely to have conflicting student records, there is the possibility that results for multiple students are aggregated into one student leading to possibly inflated values.
- **Race/Ethnicity:**
Value options: American Indian/Alaska Native, Asian, Black or African American, Filipino, Hispanic, Native Hawaiian or Other Pacific Islander, Two or More Races, White, Unknown/Non-Respondent, Multiple Values Reported*
*For the 2022-23 build, the Multiple Values Reported subgroup will continue to be calculated but suppressed for all metrics. Since students in that subgroup are more likely to have conflicting student records, there is the possibility that results for multiple students are aggregated into one student leading to possibly inflated values.
- **Age Group:**
Value options: 19 or less, 20 to 24, 25 to 29, 30 to 34, 35 to 39, 40 to 49, 50 and older
- **Financial Support:**
Value options: Perkins Economically Disadvantaged, Perkins Not Economically Disadvantaged

COMPARISON GROUPS

- **Statewide:** is based on 117 colleges plus the two noncredit institutions. Counts, dollar values, and percentages are medians across all students in the state
- **Macro-region Median:** is based on all of the colleges and noncredit institutions within a specific macroregion as defined by the Chancellor's Office. Counts, dollar values, and rates are medians across all students in the macroregion.
- **Micro-region Median:** is based on all of the colleges and noncredit institutions within a specific microregion as defined by the Chancellor's Office. Counts, dollar values, and rates are medians across all students in the microregion.
- **District Median:** is based on all of the colleges and noncredit institutions that are tracked in the Chancellor's Office Management Information System within a specific community college district. Counts are sums across colleges, dollar values and rates are medians across students in the district.
- **College Median:** is based on students at all colleges and noncredit institutions that are tracked separately in the Chancellor's Office Management Information System. Dollar values and rates are medians across students at the college.
- **Program or Sector:** is based on course enrollment for each student in all views EXCEPT for SW 632 All SWP Students Who Earned a Degree or Certificate or Attained Apprenticeship Journey Status where data is displayed based on the TOP code of the award. Students will show up under the TOP codes (programs) and sectors of the award and NOT the TOP code where the student took courses and had enrollments unlike the rest of the dashboard.
- **All Programs:** all programs (or courses coded to a TOP code), within the selected
 - **All CTE Programs:** all programs, within the selected institution(s), with TOP codes flagged as a vocational program or TOP codes that have been assigned to a CTE sector. Information on the TOP codes that have been flagged as vocational is available on the [Taxonomy of Programs Manual](#). The list of which TOP codes are assigned to each sector is included below.
 - **Sector:** a series of TOP codes assigned to ten Priority Sectors and two Occupational Clusters as designed by the Chancellor's Office. Information on the TOP codes that have been assigned to each sector is included below.
 - **4-digit TOP codes:** a more general level of program coding used by the Chancellor's Office, as assigned by the selected institution(s) for courses and awards, which includes courses and awards assigned to the TOP 4 code and the nested TOP 6 codes.
 - **6-digit Taxonomy of Program (TOP) codes:** the most detailed level of program coding used by the Chancellor's Office, as assigned by the selected institution(s) for courses (CB03) and awards (i.e., certificates and degrees) (SP02).

DATA LIMITATIONS

Missing and Suppressed Information

- Link to [FERPA and Complementary Suppression documentation](#) from dashboards.
- Masking is performed across the subgroups present (e.g. gender, age group, race/ethnicity), and over the primary attributes of data (year, metric, and locale, as well as journey, program,

credit status, completion status, and first-time/returning status where present as a drilldown in the dashboard).

Deduplication

In cases where students are enrolled at more than one college or district, and have provided conflicting information regarding goals or characteristics, assignment will be handled as described below.

- *Gender*: Use latest category provided statewide, or if a student has more than one gender or gender is unreported anywhere in the system at any level other than the individual college level, assign the student to the “multiple values reported” category which is different than the “unknown/non-respondent” category that corresponds to the “X” selection for the data element. For the 2022-23 build, the “multiple values reported” subgroup will continue be calculated but always suppressed. Since students in that subgroup are more likely to have conflicting student records, there is the possibility that results for multiple students are aggregated into one student especially when a regional or statewide selection is made, values are possibly inflated for that subgroup. However, since “multiple values reported” is a generated category, it will not trigger Complementary Suppression of another gender subgroup.
- *Race/Ethnicity*: Use latest category provided statewide, or if there is more than one selection in the same term anywhere in the system at any level other than the individual college level, assign the student to the “multiple values reported” category which is different than the “unknown/non-respondent” category that corresponds to the “X” selection for [SB04 Gender](#). For the 2022-23 build, the “multiple values reported” subgroup will continue be calculated but always suppressed. Since students in that subgroup are more likely to have conflicting student records, there is the possibility that results for multiple students are aggregated into one student especially when a regional or statewide selection is made, values are possibly inflated for that subgroup. However, since “multiple values reported” is a generated category, it will not trigger Complementary Suppression of another race/ethnicity subgroup.
- *Age*: Use age as of October 15th of the academic year anywhere in the community college system. NOTE: because a student’s date-of-birth is a part of their unique student identifier in this dashboard, and a student’s age is calculated based on their age as of Oct 15th of the academic year, no students will be assigned to a “multiple values reported” subgroup
- *Economically Disadvantaged*: If a student has ever been included as Perkins Economically Disadvantaged at any college, they will be considered Economically Disadvantaged at all institutions

Data Sources

- Community college metrics are based on records submitted by community colleges to the California Community Colleges Chancellor’s Office Management Information System (MIS), from student self-reported information in OPEN CCC Apply version of the application form (the student application form), and the Chancellor’s Office Transfer Bucket, which combines information from the National Student Clearinghouse (which tracks enrollments at colleges across the country) with direct matches with CSU and UC.
- Attained apprenticeship journey-level status is based on a match with the Department of Apprenticeship Standards through an MOU with the Community College Chancellor’s Office.
- Except for job in field of study, employment and earnings metrics are based on records in California’s Employment Development Department’s Unemployment Insurance (UI) data. UI data only contain wages for those employed in an industry covered by Unemployment Insurance

in California. Therefore, the following individuals are excluded from those metrics: employed by the military or federal government, self-employed, employed out of state, unemployed, not in the workforce or without a Social Security number recorded in the SB (STUDENT-BASICS) file from COMIS. The Unemployment Insurance data do not indicate how many hours an individual worked nor part time/full time status nor employment in field of study. For more information, please refer to the Exempt Employment Information Sheet from EDD:

https://www.edd.ca.gov/pdf_pub_ctr/de231ee.pdf.

- Data for employment and earnings metrics from the EDD UI wage data set, apprenticeship status and transfer metrics are based on matches using a student's Social Security Number (SSN). Students with a valid social security number are noted in MIS in [SB01 Student-Identifier-Status](#). When SB01 = S, then [SB00 Student-Identifier](#) is the student's SSN and not the district ID.
- The metric for attained the living wage requires a baseline living wage to be able to compare student earnings against. Living wage data is based on the cost of living for a single adult in the county in which each college's district office is located. Living wage figures for 2021 are drawn from the Family Needs Calculator produced by the Insight Center for Community and Economic Development at <https://insightcced.org/family-needs-calculator/>. The source for their information is The Self-Sufficiency Standard for California 2021, Center for Women's Welfare, University of Washington at <http://www.selfsufficiencystandard.org/california>. These are the same figures as those used in the Student Centered Funding Formula (SCFF). However, this source does not update the living wage figures every year. Therefore, the figures will be updated if living wage figures are updated by the Insight Center and used in the SCFF calculation in the year of the dashboard build.
- Employment in field of study is based on student responses to the CTE Outcomes Survey. Given that participation in the survey is voluntary and that average response rates are 28-34%, this metric may be incomplete and not fully representative for all former students. The CTE Outcomes Survey responses from some larger noncredit programs are included beginning in survey year 2018-19 after a pilot program was conducted. For more information, please refer to the Santa Rosa Junior College CTEOS website [Information and Resources](#) and [FAQ document](#).
 - The survey is only sent to the following types of **credit** students:
 - Completers: Have received a vocational/CTE award that is Chancellor's Office approved and enroll in 0-5 units each semester the next year (not enrolled or only minimally enrolled).
 - Terminal Certificates: Received a vocational/CTE award of at least 6 units that is not Chancellor's Office approved (such as certificates with less than 12 units) and are not enrolled the following year.
 - Skills Builders: Have completed 9 units SAM coded A-D, with at least one course SAM coded A-C (within the prior 3 years), have not received a vocational/CTE award of 6 or more units, and are not enrolled the following year.
 - The survey is only sent to the following types of **noncredit** students:
 - Completers: Students who enrolled and received a noncredit vocational/CTE award and enrolled 0 hours in CTE each semester the next year (not enrolled in CTE anywhere in the system).
 - Skills Builders: Students who did not earn an award. These students enrolled in noncredit CTE coursework, completed at least 48 hours in that year, and enrolled 0 hours in CTE each semester the next year (not enrolled in CTE anywhere in the system).

Note: The CTE noncredit cohort was updated in 2020-21 to include add “in CTE” for the 0 hours and not enrolled requirements.

DEFINITION DESCRIPTIONS

- **Description:** Description of the metric
- **Data Source:** The entity providing data used in the calculation
- **Data Element:** The specific data elements used from each data source
- **Calculation:** The specific calculations used to derive the data value
- **Denominator:** Universe of Students
- **Value Type:** The type of data value populated for the metric (e.g., number, percentage)
- **Notes:** General information or caveats about the data for the metric

COST OF LIVING ADJUSTMENTS

All earnings data have been adjusted for inflation using the Consumer Price Index (CPI) for all Urban Consumers values extracted from the [California Department of Finance site](#). A California CPI is calculated by the California Department of Finance as a population-weighted average of the BLS-published local area CPIs. California CPI is used from the [Fiscal Year Averages from 1950-51](#).

Fiscal Year	CA CPI	CA % change	CA Deflator
1998-99	166.01	2.4583	1.85805629
1999-00	171.25	3.1559	1.80121234
2000-01	178.66	4.3279	1.72649222
2001-02	183.93	2.9503	1.67701505
2002-03	188.73	2.6075	1.63439749
2003-04	192.28	1.8825	1.60419870
2004-05	198.61	3.2917	1.55307630
2005-06	207.04	4.2468	1.48980748
2006-07	214.00	3.3605	1.44137057
2007-08	221.31	3.4171	1.39374469
2008-09	224.23	1.3182	1.37561080
2009-10	225.91	0.7495	1.36537697
2010-11	229.82	1.7302	1.34215452
2011-12	235.33	2.3969	1.31073701
2012-13	240.25	2.0920	1.28387813
2013-14	243.67	1.4229	1.26586575
2014-15	247.45	1.5497	1.24654770
2015-16	252.50	2.0447	1.22156966
2016-17	258.93	2.5448	1.19125464
2017-18	267.56	3.3313	1.15285014
2018-19	276.75	3.4359	1.11455468
2019-20	283.24	2.3439	1.08902910
2020-21	289.76	2.3032	1.06451086

Fiscal Year	CA CPI	CA % change	CA Deflator
2021-22	308.45	6.4511	1

LIVING WAGE

Living wage data is based on the cost of living for a single adult in the county in which each college's district office is located. Living wage figures for 2021 used in the Student Centered Funding Formula calculations are drawn from the Family Needs Calculator produced by the Insight Center for Community and Economic Development at <https://insightccd.org/family-needs-calculator/> from Self-Sufficiency Standard at the Center for Women's Welfare, University of Washington from the [2021 Data Set](#) by county.

2021 living wage values for a single adult from the Insight Center for Community and Economic Development are used for the 2021-22 build of the SSM dashboard. The mapping of districts and colleges to counties used aligns with SCFF. For the Calbright College, a weighted average of all CA county single adult living wages has been used.

District _ID	Districts	College _ID	Colleges	Counties	Living Wage Single Adult (2021)
610	Allan Hancock	611	Allan Hancock College	Santa Barbara	\$46,132
230	Los Rios	231	American River College	Sacramento	\$30,679
620	Antelope Valley	621	Antelope Valley College	Los Angeles	\$38,217
520	Kern	521	Bakersfield College	Kern	\$22,732
910	Barstow	911	Barstow College	San Bernardino	\$28,602
340	Peralta	345	Berkeley City College	Alameda	\$43,633
110	Butte	111	Butte College	Butte	\$26,745
410	Cabrillo	411	Cabrillo College	Santa Cruz	\$52,163
210	California Online	211	Calbright College	All	\$38,004
370	San Mateo	371	Cañada College	San Mateo	\$68,454
810	Cerritos	811	Cerritos College	Los Angeles	\$38,217
520	Kern	522	Cerro Coso Community College	Kern	\$22,732
480	Chabot-Las Positas	482	Chabot College	Alameda	\$43,633
920	Chaffey	921	Chaffey College	San Bernardino	\$28,602
820	Citrus	821	Citrus College	Los Angeles	\$38,217
360	San Francisco	361	City College of San Francisco	San Francisco	\$60,232
570	State Center	576	Clovis Community College	Fresno	\$24,514
830	Coast	831	Coastline Community College	Orange	\$43,579
340	Peralta	341	College of Alameda	Alameda	\$43,633
330	Marin	334	College of Marin	Marin	\$67,334
370	San Mateo	372	College of San Mateo	San Mateo	\$68,454
660	Santa Clarita	661	College of the Canyons	Los Angeles	\$38,217

District_ID	Districts	College_ID	Colleges	Counties	Living Wage Single Adult (2021)
930	Desert	931	College of the Desert	Riverside	\$29,421
160	Redwoods	161	College of the Redwoods	Humboldt	\$25,977
560	Sequoias	561	College of the Sequoias	Tulare	\$23,268
180	Siskiyou	181	College of the Siskiyou	Siskiyou	\$23,227
590	Yosemite	591	Columbia College	Stanislaus	\$27,468
710	Compton	711	Compton College	Los Angeles	\$38,217
310	Contra Costa	311	Contra Costa College	Contra Costa	\$46,064
970	Copper Mountain	971	Copper Mountain Community College	San Bernardino	\$28,602
230	Los Rios	232	Cosumnes River College	Sacramento	\$30,679
980	San Bernardino	981	Crafton Hills College	San Bernardino	\$28,602
640	San Luis Obispo	641	Cuesta College	San Luis Obispo	\$33,108
020	Grossmont-Cuyamaca	021	Cuyamaca College	San Diego	\$38,919
860	North Orange	861	Cypress College	Orange	\$43,579
420	Foothill-Deanza	421	De Anza College	Santa Clara	\$57,034
310	Contra Costa	312	Diablo Valley College	Contra Costa	\$46,064
740	Los Angeles	748	East Los Angeles College	Los Angeles	\$38,217
720	El Camino	721	El Camino College	Los Angeles	\$38,217
470	San Jose-Evergreen	471	Evergreen Valley College	Santa Clara	\$57,034
120	Feather River	121	Feather River College	Plumas	\$23,794
230	Los Rios	234	Folsom Lake College	Sacramento	\$30,679
420	Foothill-Deanza	422	Foothill College	Santa Clara	\$57,034
570	State Center	571	Fresno City College	Fresno	\$24,514
860	North Orange	862	Fullerton College	Orange	\$43,579
440	Gavilan	441	Gavilan College	San Benito	\$35,285
730	Glendale	731	Glendale Community College	Los Angeles	\$38,217
830	Coast	832	Golden West College	Orange	\$43,579
020	Grossmont-Cuyamaca	022	Grossmont College	San Diego	\$38,919
450	Hartnell	451	Hartnell College	Monterey	\$37,343
030	Imperial	031	Imperial Valley College	Imperial	\$24,213
890	South Orange	892	Irvine Valley College	Orange	\$43,579
220	Lake Tahoe	221	Lake Tahoe Community College	El Dorado	\$33,479
340	Peralta	343	Laney College	Alameda	\$43,633
480	Chabot-Las Positas	481	Las Positas College	Alameda	\$43,633
130	Lassen	131	Lassen College	Lassen	\$24,085
840	Long Beach	841	Long Beach City College	Los Angeles	\$38,217
740	Los Angeles	741	Los Angeles City College	Los Angeles	\$38,217
740	Los Angeles	742	Los Angeles Harbor College	Los Angeles	\$38,217
740	Los Angeles	74A	Los Angeles ITV	Los Angeles	\$38,217
740	Los Angeles	743	Los Angeles Mission College	Los Angeles	\$38,217

District_ID	Districts	College_ID	Colleges	Counties	Living Wage Single Adult (2021)
740	Los Angeles	744	Los Angeles Pierce College	Los Angeles	\$38,217
740	Los Angeles	745	Los Angeles Southwest College	Los Angeles	\$38,217
740	Los Angeles	746	Los Angeles Trade-Tech College	Los Angeles	\$38,217
740	Los Angeles	747	Los Angeles Valley College	Los Angeles	\$38,217
310	Contra Costa	313	Los Medanos College	Contra Costa	\$46,064
570	State Center	754	Madera College	Fresno	\$24,514
330	Marin	335	Marin CED	Marin	\$67,334
140	Mendocino-Lake	141	Mendocino College	Mendocino	\$27,712
530	Merced	531	Merced College	Merced	\$26,289
340	Peralta	344	Merritt College	Alameda	\$43,633
050	Mira Costa	051	MiraCosta College	San Diego	\$38,919
490	West Valley-Mission	492	Mission College	Santa Clara	\$57,034
590	Yosemite	592	Modesto Junior College	Stanislaus	\$27,468
460	Monterey	461	Monterey Peninsula College	Monterey	\$37,343
680	Ventura	681	Moorpark College	Ventura	\$37,130
960	Riverside	962	Moreno Valley College	Riverside	\$29,421
850	Mt. San Antonio	851	Mt. San Antonio College	Los Angeles	\$38,217
940	Mt. San Jacinto	941	Mt. San Jacinto College	Riverside	\$29,421
240	Napa Valley	241	Napa Valley College	Napa	\$38,905
960	Riverside	963	Norco College	Riverside	\$29,421
860	North Orange	863	North Orange Adult	Orange	\$43,579
430	Ohlone	431	Ohlone College	Alameda	\$43,633
830	Coast	833	Orange Coast College	Orange	\$43,579
680	Ventura	682	Oxnard College	Ventura	\$37,130
950	Palo Verde	951	Palo Verde College	San Bernardino	\$28,602
060	Palomar	061	Palomar College	San Diego	\$38,919
770	Pasadena	771	Pasadena City College	Los Angeles	\$38,217
520	Kern	523	Porterville College	Kern	\$22,732
870	Rancho Santiago	872	Rancho Santiago CED	Orange	\$43,579
570	State Center	572	Reedley College	Fresno	\$24,514
880	Rio Hondo	881	Rio Hondo College	Los Angeles	\$38,217
960	Riverside	961	Riverside City College	Riverside	\$29,421
230	Los Rios	233	Sacramento City College	Sacramento	\$30,679
890	South Orange	891	Saddleback College	Orange	\$43,579
980	San Bernardino	982	San Bernardino Valley College	San Bernardino	\$28,602
070	San Diego	076	San Diego Adult	San Diego	\$38,919
070	San Diego	071	San Diego City College	San Diego	\$38,919
070	San Diego	072	San Diego Mesa College	San Diego	\$38,919

District_ID	Districts	College_ID	Colleges	Counties	Living Wage Single Adult (2021)
070	San Diego	073	San Diego Miramar College	San Diego	\$38,919
360	San Francisco	363	San Francisco Centers	San Francisco	\$60,232
550	San Joaquin Delta	551	San Joaquin Delta College	San Joaquin	\$27,181
470	San Jose-Evergreen	472	San Jose City College	Santa Clara	\$57,034
870	Rancho Santiago	871	Santa Ana College	Orange	\$43,579
650	Santa Barbara	651	Santa Barbara City College	Santa Barbara	\$46,132
650	Santa Barbara	652	Santa Barbara Continuing	Santa Barbara	\$46,132
780	Santa Monica	781	Santa Monica College	Los Angeles	\$38,217
260	Sonoma	261	Santa Rosa Junior College	Sonoma	\$38,184
870	Rancho Santiago	873	Santiago Canyon College	Orange	\$43,579
170	Shasta-Tehama-Trinity	171	Shasta College	Shasta	\$26,902
270	Sierra	271	Sierra College	Placer	\$34,937
370	San Mateo	373	Skyline College	San Mateo	\$68,454
280	Solano	281	Solano Community College	Solano	\$34,196
090	Southwestern	091	Southwestern College	San Diego	\$38,919
690	West Kern	691	Taft College	Kern	\$22,732
680	Ventura	683	Ventura College	Ventura	\$37,130
990	Victor Valley	991	Victor Valley College	San Bernardino	\$28,602
580	West Hills	581	West Hills College Coalinga	Fresno	\$24,514
580	West Hills	582	West Hills College Lemoore	Fresno	\$24,514
740	Los Angeles	749	West Los Angeles College	Los Angeles	\$38,217
490	West Valley-Mission	493	West Valley College	Santa Clara	\$57,034
290	Yuba	292	Woodland Community College	Yuba	\$25,873
290	Yuba	291	Yuba College	Yuba	\$25,873

REGIONS

Regions are assigned as follows.

Macroregion	Microregion	District	Community College
Bay Area	Santa Cruz-Monterey	Cabrillo	Cabrillo College
Bay Area	East Bay	Chabot-Las Positas	Chabot College
Bay Area	East Bay	Chabot-Las Positas	Las Positas College
Bay Area	East Bay	Contra Costa	Contra Costa College
Bay Area	East Bay	Contra Costa	Diablo Valley College
Bay Area	East Bay	Contra Costa	Los Medanos College
Bay Area	Silicon Valley	Foothill-Deanza	De Anza College
Bay Area	Silicon Valley	Foothill-Deanza	Foothill College
Bay Area	Silicon Valley	Gavilan	Gavilan College
Bay Area	Santa Cruz-Monterey	Hartnell	Hartnell College
Bay Area	North Bay	Marin	College of Marin

Macroregion	Microregion	District	Community College
Bay Area	North Bay	Marin	Marin Continuing
Bay Area	Santa Cruz-Monterey	Monterey	Monterey Peninsula College
Bay Area	North Bay	Napa Valley	Napa Valley College
Bay Area	East Bay	Ohlone	Ohlone College
Bay Area	East Bay	Peralta	Berkeley City College
Bay Area	East Bay	Peralta	College of Alameda
Bay Area	East Bay	Peralta	Laney College
Bay Area	East Bay	Peralta	Merritt College
Bay Area	Mid-Peninsula	San Francisco	City College of San Francisco
Bay Area	Mid-Peninsula	San Francisco	San Francisco Centers
Bay Area	Silicon Valley	San Jose-Evergreen	Evergreen Valley College
Bay Area	Silicon Valley	San Jose-Evergreen	San Jose City College
Bay Area	Mid-Peninsula	San Mateo	Cañada College
Bay Area	Mid-Peninsula	San Mateo	College of San Mateo
Bay Area	Mid-Peninsula	San Mateo	Skyline College
Bay Area	North Bay	Solano	Solano Community College
Bay Area	North Bay	Sonoma	Santa Rosa Junior College
Bay Area	Silicon Valley	West Valley-Mission	Mission College
Bay Area	Silicon Valley	West Valley-Mission	West Valley College
Central/Mother Lode	Southern Central Valley-Mother Lode	Kern	Bakersfield College
Central/Mother Lode	Southern Central Valley-Mother Lode	Kern	Cerro Coso Community College
Central/Mother Lode	Southern Central Valley-Mother Lode	Kern	Porterville College
Central/Mother Lode	Northern Central Valley-Mother Lode	Merced	Merced College
Central/Mother Lode	Northern Central Valley-Mother Lode	San Joaquin Delta	San Joaquin Delta College
Central/Mother Lode	Southern Central Valley-Mother Lode	Sequoias	College of the Sequoias
Central/Mother Lode	Southern Central Valley-Mother Lode	State Center	Clovis Community College
Central/Mother Lode	Southern Central Valley-Mother Lode	State Center	Fresno City College
Central/Mother Lode	Southern Central Valley-Mother Lode	State Center	Madera College
Central/Mother Lode	Southern Central Valley-Mother Lode	State Center	Reedley College

Macroregion	Microregion	District	Community College
Central/Mother Lode	Southern Central Valley-Mother Lode	West Hills	West Hills College Coalinga
Central/Mother Lode	Southern Central Valley-Mother Lode	West Hills	West Hills College Lemoore
Central/Mother Lode	Southern Central Valley-Mother Lode	West Kern	Taft College
Central/Mother Lode	Northern Central Valley-Mother Lode	Yosemite	Columbia College
Central/Mother Lode	Northern Central Valley-Mother Lode	Yosemite	Modesto Junior College
Inland Empire/Desert	Inland Empire	Barstow	Barstow College
Inland Empire/Desert	Inland Empire	Chaffey	Chaffey College
Inland Empire/Desert	Inland Empire	Copper Mountain	Copper Mountain Community College
Inland Empire/Desert	Inland Empire	Desert	College of the Desert
Inland Empire/Desert	Inland Empire	Mt. San Jacinto	Mt. San Jacinto College
Inland Empire/Desert	Inland Empire	Palo Verde	Palo Verde College
Inland Empire/Desert	Inland Empire	Riverside	Moreno Valley College
Inland Empire/Desert	Inland Empire	Riverside	Norco College
Inland Empire/Desert	Inland Empire	Riverside	Riverside City College
Inland Empire/Desert	Inland Empire	San Bernardino	Crafton Hills College
Inland Empire/Desert	Inland Empire	San Bernardino	San Bernardino Valley College
Inland Empire/Desert	Inland Empire	Victor Valley	Victor Valley College
Los Angeles/Orange County	Los Angeles	Cerritos	Cerritos College
Los Angeles/Orange County	Los Angeles	Citrus	Citrus College
Los Angeles/Orange County	Orange	Coast	Coastline Community College
Los Angeles/Orange County	Orange	Coast	Golden West College
Los Angeles/Orange County	Orange	Coast	Orange Coast College
Los Angeles/Orange County	Los Angeles	Compton	Compton College
Los Angeles/Orange County	Los Angeles	El Camino	El Camino College
Los Angeles/Orange County	Los Angeles	Glendale	Glendale Community College
Los Angeles/Orange County	Los Angeles	Long Beach	Long Beach City College
Los Angeles/Orange County	Los Angeles	Los Angeles	East Los Angeles College
Los Angeles/Orange County	Los Angeles	Los Angeles	Los Angeles City College
Los Angeles/Orange County	Los Angeles	Los Angeles	Los Angeles Harbor College
Los Angeles/Orange County	Los Angeles	Los Angeles	Los Angeles ITV
Los Angeles/Orange County	Los Angeles	Los Angeles	Los Angeles Mission College
Los Angeles/Orange County	Los Angeles	Los Angeles	Los Angeles Pierce College
Los Angeles/Orange County	Los Angeles	Los Angeles	Los Angeles Southwest College
Los Angeles/Orange County	Los Angeles	Los Angeles	Los Angeles Trade-Tech College
Los Angeles/Orange County	Los Angeles	Los Angeles	Los Angeles Valley College
Los Angeles/Orange County	Los Angeles	Los Angeles	West Los Angeles College
Los Angeles/Orange County	Los Angeles	Mt. San Antonio	Mt. San Antonio College

Macroregion	Microregion	District	Community College
Los Angeles/Orange County	Orange	North Orange	Cypress College
Los Angeles/Orange County	Orange	North Orange	Fullerton College
Los Angeles/Orange County	Orange	North Orange	North Orange Adult
Los Angeles/Orange County	Los Angeles	Pasadena	Pasadena City College
Los Angeles/Orange County	Orange	Rancho Santiago	Rancho Santiago CED
Los Angeles/Orange County	Orange	Rancho Santiago	Santa Ana College
Los Angeles/Orange County	Orange	Rancho Santiago	Santiago Canyon College
Los Angeles/Orange County	Los Angeles	Rio Hondo	Rio Hondo College
Los Angeles/Orange County	Los Angeles	Santa Monica	Santa Monica College
Los Angeles/Orange County	Orange	South Orange	Irvine Valley College
Los Angeles/Orange County	Orange	South Orange	Saddleback College
North/Far North	Northern Inland	Butte	Butte College
North/Far North	Northern Inland	Feather River	Feather River College
North/Far North	Greater Sacramento	Lake Tahoe	Lake Tahoe Community College
North/Far North	Northern Inland	Lassen	Lassen College
North/Far North	Greater Sacramento	Los Rios	American River College
North/Far North	Greater Sacramento	Los Rios	Cosumnes River College
North/Far North	Greater Sacramento	Los Rios	Folsom Lake College
North/Far North	Greater Sacramento	Los Rios	Sacramento City College
North/Far North	Northern Coastal	Mendocino-Lake	Mendocino College
North/Far North	Northern Coastal	Redwoods	College of the Redwoods
North/Far North	Northern Inland	Shasta-Tehama-Trinity	Shasta College
North/Far North	Greater Sacramento	Sierra	Sierra College
North/Far North	Northern Inland	Siskiyou	College of the Siskiyou
North/Far North	Greater Sacramento	Yuba	Woodland Community College
North/Far North	Greater Sacramento	Yuba	Yuba College
San Diego/Imperial Counties	San Diego-Imperial	Grossmont-Cuyamaca	Cuyamaca College
San Diego/Imperial Counties	San Diego-Imperial	Grossmont-Cuyamaca	Grossmont College
San Diego/Imperial Counties	San Diego-Imperial	Imperial	Imperial Valley College
San Diego/Imperial Counties	San Diego-Imperial	Mira Costa	MiraCosta College
San Diego/Imperial Counties	San Diego-Imperial	Palomar	Palomar College
San Diego/Imperial Counties	San Diego-Imperial	San Diego	San Diego Adult
San Diego/Imperial Counties	San Diego-Imperial	San Diego	San Diego City College
San Diego/Imperial Counties	San Diego-Imperial	San Diego	San Diego Mesa College
San Diego/Imperial Counties	San Diego-Imperial	San Diego	San Diego Miramar College
San Diego/Imperial Counties	San Diego-Imperial	Southwestern	Southwestern College
South Central Coast	South Central Coast	Allan Hancock	Allan Hancock College
South Central Coast	South Central Coast	Antelope Valley	Antelope Valley College
South Central Coast	South Central Coast	San Luis Obispo	Cuesta College
South Central Coast	South Central Coast	Santa Barbara	Santa Barbara City College
South Central Coast	South Central Coast	Santa Barbara	Santa Barbara Continuing
South Central Coast	South Central Coast	Santa Clarita	College of the Canyons
South Central Coast	South Central Coast	Ventura	Moorpark College

Macroregion	Microregion	District	Community College
South Central Coast	South Central Coast	Ventura	Oxnard College
South Central Coast	South Central Coast	Ventura	Ventura College
Unassigned	Unassigned	California Online	Calbright College

INDUSTRY SECTORS OR OCCUPATIONAL CLUSTERS

Sectors refer to the Priority Sectors identified by the Workforce and Economic Development Division of the California Community Colleges Chancellor’s Office, plus additional clusters that represent other common career and technical education program groupings. Sectors include:

- Advanced Manufacturing
- Advanced Transportation & Logistics
- Agriculture, Water & Environmental Technologies
- Business & Entrepreneurship
- Education & Human Development
- Energy, Construction & Utilities
- Global Trade
- Health
- Information & Communication Technologies (ICT)/Digital Media
- Life Sciences/Biotech
- Public Safety
- Retail, Hospitality & Tourism

The number of TOP codes selected by each sector varies. For example, Health includes 49 TOP codes, whereas Life Sciences/Biotechnology includes five. Some disciplines like Global Trade & Logistics are not fully captured by TOP codes, because content is embedded in other program areas, so the LaunchBoard cannot capture all students served in this sector.

TOP codes are assigned to the following sectors.

TOP06	TOP06 Title	CTE	Lead Sector or Cluster
010100	Agriculture Technology and Sciences, General	*	Agriculture, Water and Environmental Technologies
010200	Animal Science	*	Agriculture, Water and Environmental Technologies
010210	Veterinary Technician (Licensed)	*	Agriculture, Water and Environmental Technologies
010220	Artificial Inseminator	*	Agriculture, Water and Environmental Technologies
010230	Dairy Science	*	Agriculture, Water and Environmental Technologies
010240	Equine Science	*	Agriculture, Water and Environmental Technologies
010300	Plant Science	*	Agriculture, Water and Environmental Technologies
010310	Agricultural Pest Control Advisor and Operator	*	Agriculture, Water and Environmental Technologies
010400	Viticulture, Enology, and Wine Business	*	Agriculture, Water and Environmental Technologies
010900	Horticulture	*	Agriculture, Water and Environmental Technologies

TOP06	TOP06 Title	CTE	Lead Sector or Cluster
010910	Landscape Design and Maintenance	*	Agriculture, Water and Environmental Technologies
010920	Floriculture -Floristry	*	Agriculture, Water and Environmental Technologies
010930	Nursery Technology	*	Agriculture, Water and Environmental Technologies
010940	Turfgrass Technology	*	Agriculture, Water and Environmental Technologies
011200	Agriculture Business, Sales and Service	*	Agriculture, Water and Environmental Technologies
011300	Food Processing and Related Technologies	*	Agriculture, Water and Environmental Technologies
011400	Forestry	*	Agriculture, Water and Environmental Technologies
011500	Natural Resources	*	Agriculture, Water and Environmental Technologies
011510	Parks and Outdoor Recreation	*	Agriculture, Water and Environmental Technologies
011520	Wildlife and Fisheries	*	Agriculture, Water and Environmental Technologies
011600	Agricultural Power Equipment Technology	*	Agriculture, Water and Environmental Technologies
019900	Other Agriculture and Natural Resources	*	Agriculture, Water and Environmental Technologies
020100	Architecture and Architectural Technology	*	Energy, Construction and Utilities
029900	Other Architecture and Environmental Design	*	Energy, Construction and Utilities
030300	Environmental Technology	*	Agriculture, Water and Environmental Technologies
043000	Biotechnology and Biomedical Technology	*	Life Sciences - Biotechnology
050100	Business and Commerce, General	*	Business and Entrepreneurship
050200	Accounting	*	Business and Entrepreneurship
050210	Tax Studies	*	Business and Entrepreneurship
050400	Banking and Finance	*	Business and Entrepreneurship
050500	Business Administration	*	Business and Entrepreneurship
050600	Business Management	*	Business and Entrepreneurship
050630	Management Development and Supervision	*	Business and Entrepreneurship
050640	Small Business and Entrepreneurship	*	Business and Entrepreneurship
050650	Retail Store Operations and Management	*	Retail, Hospitality and Tourism
050800	International Business and Trade	*	Global Trade
050900	Marketing and Distribution	*	Business and Entrepreneurship
050910	Advertising	*	Business and Entrepreneurship
050920	Purchasing	*	Business and Entrepreneurship
050940	Sales and Salesmanship	*	Business and Entrepreneurship
050960	Display	*	Retail, Hospitality and Tourism
050970	e-commerce (business emphasis)	*	Business and Entrepreneurship

TOP06	TOP06 Title	CTE	Lead Sector or Cluster
051000	Logistics and Materials Transportation	*	Advanced Transportation and Logistics
051100	Real Estate	*	Business and Entrepreneurship
051110	Escrow	*	Business and Entrepreneurship
051200	Insurance	*	Business and Entrepreneurship
051400	Office Technology-Office Computer Applications	*	Information and Communication Technologies - Digital Media
051410	Legal Office Technology	*	Business and Entrepreneurship
051420	Medical Office Technology	*	Health
051430	Court Reporting	*	Unassigned
051440	Office Management	*	Retail, Hospitality and Tourism
051600	Labor and Industrial Relations	*	Retail, Hospitality and Tourism
051800	Customer Service	*	Business and Entrepreneurship
059900	Other Business and Management	*	Business and Entrepreneurship
060200	Journalism	*	Information and Communication Technologies - Digital Media
060400	Radio and Television	*	Information and Communication Technologies - Digital Media
060410	Radio	*	Information and Communication Technologies - Digital Media
060420	Television (including combined TV-film-video)	*	Information and Communication Technologies - Digital Media
060430	Broadcast Journalism	*	Information and Communication Technologies - Digital Media
060600	Public Relations	*	Retail, Hospitality and Tourism
060700	Technical Communication	*	Information and Communication Technologies - Digital Media
061000	Mass Communications	*	Information and Communication Technologies - Digital Media
061220	Film Production	*	Information and Communication Technologies - Digital Media
061400	Digital Media	*	Information and Communication Technologies - Digital Media
061410	Multimedia	*	Information and Communication Technologies - Digital Media
061420	Electronic Game Design	*	Information and Communication Technologies - Digital Media
061430	Website Design and Development	*	Information and Communication Technologies - Digital Media
061440	Animation	*	Information and Communication Technologies - Digital Media
061450	Desktop Publishing	*	Information and Communication Technologies - Digital Media

TOP06	TOP06 Title	CTE	Lead Sector or Cluster
061460	Computer Graphics and Digital Imagery	*	Information and Communication Technologies - Digital Media
069900	Other Media and Communications	*	Information and Communication Technologies - Digital Media
070100	Information Technology, General	*	Information and Communication Technologies - Digital Media
070200	Computer Information Systems	*	Information and Communication Technologies - Digital Media
070210	Software Applications	*	Information and Communication Technologies - Digital Media
070700	Computer Software Development	*	Information and Communication Technologies - Digital Media
070710	Computer Programming	*	Information and Communication Technologies - Digital Media
070720	Database Design and Administration	*	Information and Communication Technologies - Digital Media
070730	Computer Systems Analysis	*	Information and Communication Technologies - Digital Media
070800	Computer Infrastructure and Support	*	Information and Communication Technologies - Digital Media
070810	Computer Networking	*	Information and Communication Technologies - Digital Media
070820	Computer Support	*	Information and Communication Technologies - Digital Media
070900	World Wide Web Administration	*	Information and Communication Technologies - Digital Media
070910	E-Commerce (technology emphasis)	*	Information and Communication Technologies - Digital Media
079900	Other Information Technology	*	Information and Communication Technologies - Digital Media
080200	Educational Aide (Teacher Assistant)	*	Education and Human Development
080210	Educational Aide (Teacher Assistant), Bilingual	*	Education and Human Development
080900	Special Education	*	Education and Human Development
083520	Fitness Trainer	*	Unassigned
083560	Coaching	*	Education and Human Development
083570	Aquatics and Lifesaving	*	Retail, Hospitality and Tourism
083600	Recreation		Education and Human Development
083610	Recreation Assistant	*	Education and Human Development
085010	Sign Language Interpreting	*	Education and Human Development
086000	Educational Technology	*	Education and Human Development
089900	Other Education	*	Education and Human Development
092400	Engineering Technology, General	*	Advanced Manufacturing

TOP06	TOP06 Title	CTE	Lead Sector or Cluster
093400	Electronics and Electric Technology	*	Advanced Manufacturing
093410	Computer Electronics	*	Advanced Manufacturing
093420	Industrial Electronics	*	Advanced Manufacturing
093430	Telecommunications Technology	*	Information and Communication Technologies - Digital Media
093440	Electrical Systems and Power Transmission	*	Energy, Construction and Utilities
093460	Biomedical Instrumentation	*	Life Sciences - Biotechnology
093470	Electron Microscopy	*	Life Sciences - Biotechnology
093480	Laser and Optical Technology	*	Advanced Manufacturing
093500	Electro-Mechanical Technology	*	Energy, Construction and Utilities
093510	Appliance Repair	*	Advanced Manufacturing
093600	Printing and Lithography	*	Advanced Manufacturing
094300	Instrumentation Technology	*	Advanced Manufacturing
094330	Vacuum Technology	*	Advanced Manufacturing
094500	Industrial Systems Technology and Maintenance	*	Advanced Manufacturing
094600	Environmental Control Technology	*	Energy, Construction and Utilities
094610	Energy Systems Technology	*	Energy, Construction and Utilities
094700	Diesel Technology	*	Advanced Transportation and Logistics
094720	Heavy Equipment Maintenance	*	Advanced Transportation and Logistics
094730	Heavy Equipment Operation	*	Advanced Transportation and Logistics
094740	Railroad and Light Rail Operations	*	Advanced Transportation and Logistics
094750	Truck and Bus Driving	*	Advanced Transportation and Logistics
094800	Automotive Technology	*	Advanced Transportation and Logistics
094830	Motorcycle, Outboard and Small Engine Repair	*	Advanced Transportation and Logistics
094840	Alternative Fuels and Advanced Transportation Technology	*	Advanced Transportation and Logistics
094850	Recreational Vehicle Service	*	Advanced Transportation and Logistics
094900	Automotive Collision Repair	*	Advanced Transportation and Logistics
094910	Upholstery Repair - Automotive	*	Advanced Transportation and Logistics
095000	Aeronautical and Aviation Technology	*	Advanced Manufacturing
095010	Aviation Airframe Mechanics	*	Advanced Transportation and Logistics
095020	Aviation Powerplant Mechanics	*	Advanced Transportation and Logistics
095040	Aircraft Electronics (Avionics)	*	Advanced Manufacturing
095050	Aircraft Fabrication	*	Advanced Manufacturing
095200	Construction Crafts Technology	*	Energy, Construction and Utilities
095210	Carpentry	*	Energy, Construction and Utilities

TOP06	TOP06 Title	CTE	Lead Sector or Cluster
095220	Electrical	*	Energy, Construction and Utilities
095230	Plumbing, Pipefitting and Steamfitting	*	Energy, Construction and Utilities
095240	Glazing	*	Energy, Construction and Utilities
095250	Mill and Cabinet Work	*	Energy, Construction and Utilities
095260	Masonry, Tile, Cement, Lath and Plaster	*	Energy, Construction and Utilities
095270	Painting, Decorating, and Flooring	*	Energy, Construction and Utilities
095280	Drywall and Insulation	*	Energy, Construction and Utilities
095290	Roofing	*	Energy, Construction and Utilities
095300	Drafting Technology	*	Energy, Construction and Utilities
095310	Architectural Drafting	*	Energy, Construction and Utilities
095320	Civil Drafting	*	Energy, Construction and Utilities
095330	Electrical, Electronic, and Electro-Mechanical Drafting	*	Advanced Manufacturing
095340	Mechanical Drafting	*	Advanced Manufacturing
095360	Technical Illustration	*	Advanced Manufacturing
095400	Chemical Technology	*	Life Sciences - Biotechnology
095420	Plastics and Composites	*	Advanced Manufacturing
095430	Petroleum Technology	*	Advanced Manufacturing
095500	Laboratory Science Technology	*	Life Sciences - Biotechnology
095600	Manufacturing and Industrial Technology	*	Advanced Manufacturing
095630	Machining and Machine Tools	*	Advanced Manufacturing
095640	Sheet Metal and Structural Metal	*	Energy, Construction and Utilities
095650	Welding Technology	*	Advanced Manufacturing
095670	Industrial and Occupational Safety and Health	*	Advanced Manufacturing
095680	Industrial Quality Control	*	Advanced Manufacturing
095700	Civil and Construction Management Technology	*	Energy, Construction and Utilities
095720	Construction Inspection	*	Energy, Construction and Utilities
095730	Surveying	*	Advanced Manufacturing
095800	Water and Wastewater Technology	*	Energy, Construction and Utilities
095900	Marine Technology	*	Advanced Transportation and Logistics
095910	Diving and Underwater Safety	*	Retail, Hospitality and Tourism
096100	Optics	*	Advanced Manufacturing
096200	Musical Instrument Repair	*	Unassigned
099900	Other Engineering and Related Industrial Technologies	*	Unassigned

TOP06	TOP06 Title	CTE	Lead Sector or Cluster
100500	Commercial Music	*	Information and Communication Technologies - Digital Media
100600	Technical Theater	*	Unassigned
100810	Commercial Dance	*	Unassigned
100900	Applied Design	*	Unassigned
101200	Applied Photography	*	Information and Communication Technologies - Digital Media
101300	Commercial Art	*	Information and Communication Technologies - Digital Media
103000	Graphic Art and Design	*	Information and Communication Technologies - Digital Media
109900	Other Fine and Applied Arts	*	Unassigned
120100	Health Occupations, General	*	Health
120200	Hospital and Health Care Administration	*	Health
120500	Medical Laboratory Technology	*	Health
120510	Phlebotomy	*	Health
120600	Physicians Assistant	*	Health
120800	Medical Assisting	*	Health
120810	Clinical Medical Assisting	*	Health
120820	Administrative Medical Assisting	*	Health
120830	Health Facility Unit Coordinator	*	Health
120900	Hospital Central Service Technician	*	Health
121000	Respiratory Care-Therapy	*	Health
121100	Polysomnography	*	Health
121200	Electro-Neurodiagnostic Technology	*	Health
121300	Cardiovascular Technician	*	Health
121400	Orthopedic Assistant	*	Health
121500	Electrocardiography	*	Health
121700	Surgical Technician	*	Health
121800	Occupational Therapy Technology	*	Health
121900	Optical Technology	*	Health
122000	Speech-Language Pathology and Audiology	*	Health
122100	Pharmacy Technology	*	Health
122200	Physical Therapist Assistant	*	Health
122300	Health Information Technology	*	Health
122310	Health Information Coding	*	Health
122400	School Health Clerk	*	Health
122500	Radiologic Technology	*	Health

TOP06	TOP06 Title	CTE	Lead Sector or Cluster
122600	Radiation Therapy Technician	*	Health
122700	Diagnostic Medical Sonography	*	Health
122800	Athletic Training and Sports Medicine	*	Health
123000	Nursing	*	Health
123010	Registered Nursing	*	Health
123020	Licensed Vocational Nursing	*	Health
123030	Certified Nurse Assistant	*	Health
123080	Home Health Aide	*	Health
123900	Psychiatric Technician	*	Health
124000	Dental Occupations	*	Health
124010	Dental Assistant	*	Health
124020	Dental Hygienist	*	Health
124030	Dental Laboratory Technician	*	Health
125000	Emergency Medical Services	*	Health
125100	Paramedic	*	Health
125500	Mortuary Science	*	Business and Entrepreneurship
126100	Community Health Care Worker	*	Health
126200	Massage Therapy	*	Business and Entrepreneurship
129900	Other Health Occupations	*	Health
130100	Family and Consumer Sciences, General	*	Retail, Hospitality and Tourism
130110	Consumer Services	*	Retail, Hospitality and Tourism
130200	Interior Design and Merchandising	*	Retail, Hospitality and Tourism
130300	Fashion	*	Retail, Hospitality and Tourism
130310	Fashion Design	*	Retail, Hospitality and Tourism
130320	Fashion Merchandising	*	Retail, Hospitality and Tourism
130330	Fashion Production	*	Advanced Manufacturing
130500	Child Development-Early Care and Education	*	Education and Human Development
130520	Children with Special Needs	*	Education and Human Development
130540	Preschool Age Child	*	Education and Human Development
130550	The School Age Child	*	Education and Human Development
130560	Parenting and Family Education	*	Education and Human Development
130570	Foster and Kinship Care	*	Education and Human Development
130580	Child Development Administration and Management	*	Education and Human Development
130590	Infants and Toddlers	*	Education and Human Development
130600	Nutrition, Foods, and Culinary Arts	*	Health
130620	Dietetic Services and Management	*	Health

TOP06	TOP06 Title	CTE	Lead Sector or Cluster
130630	Culinary Arts	*	Retail, Hospitality and Tourism
130660	Dietetic Technology	*	Health
130700	Hospitality	*	Retail, Hospitality and Tourism
130710	Restaurant and Food Services and Management	*	Retail, Hospitality and Tourism
130720	Lodging Management	*	Retail, Hospitality and Tourism
130730	Resort and Club Management	*	Retail, Hospitality and Tourism
130800	Family Studies	*	Education and Human Development
130900	Gerontology	*	Health
139900	Other Family and Consumer Sciences	*	Unassigned
140200	Paralegal	*	Unassigned
160200	Library Technician (Aide)	*	Unassigned
192000	Ocean Technology	*	Advanced Manufacturing
210200	Public Administration	*	Unassigned
210210	Public Works	*	Energy, Construction and Utilities
210400	Human Services	*	Unassigned
210440	Alcohol and Controlled Substances	*	Health
210450	Disability Services	*	Unassigned
210500	Administration of Justice	*	Public Safety
210510	Corrections	*	Public Safety
210520	Probation and Parole	*	Public Safety
210530	Industrial and Transportation Security	*	Public Safety
210540	Forensics, Evidence, and Investigation	*	Public Safety
210550	Police Academy	*	Public Safety
213300	Fire Technology	*	Public Safety
213310	Wildland Fire Technology	*	Public Safety
213350	Fire Academy	*	Public Safety
214000	Legal and Community Interpretation	*	Unassigned
219900	Other Public and Protective Services	*	Public Safety
220610	Geographic Information Systems	*	Information and Communication Technologies - Digital Media
300500	Custodial Services	*	Business and Entrepreneurship
300700	Cosmetology and Barbering	*	Business and Entrepreneurship
300800	Dry Cleaning	*	Retail, Hospitality and Tourism
300900	Travel Services and Tourism	*	Retail, Hospitality and Tourism
302000	Aviation and Airport Management and Services	*	Advanced Transportation and Logistics

TOP06	TOP06 Title	CTE	Lead Sector or Cluster
302010	Aviation and Airport Management	*	Advanced Transportation and Logistics
302020	Piloting	*	Advanced Transportation and Logistics
302030	Air Traffic Control	*	Advanced Transportation and Logistics
302040	Flight Attendant	*	Retail, Hospitality and Tourism
309900	Other Commercial Services	*	Unassigned
493100	Vocational ESL	*	Unassigned
493200	General Work Experience	*	Unassigned

STUDENT TYPES

SW 122 All Strong Workforce Program Students

Description	All students who took at least 0.5 units in any single credit course or who had at least 12 positive attendance hours in any noncredit course(s) in the selected year or who enrolled in noncredit course(s) in Spring 2020 or any term in academic year 2020-21 or in 2021-22 and who enrolled on a TOP code that is assigned to a vocational industry sector in the selected year
Data Source(s)	Chancellor's Office Management Information System
Data Element(s)	CB03 Course-TOP-Code CB04 Course-Credit-Status GI03 Term-Identifier SB15 Student-Enrollment-Status SX Domain and Format SX05 Enrollment-Positive-Attendance-Hours SXD3 Enrollment-Units-Attempted
Calculations	<p>Student who met all of the following criteria:</p> <ul style="list-style-type: none"> • Has an enrollment in the system Has a value in the Student Enrollment Data Elements (SX) file • AND in a program area that is assigned to a vocational sector AND CB03 is assigned to a vocational sector • AND is enrolled as a non-Special Admit student in at least one term of the selected year WHERE [SB15 IS (1,2,3,5,X) in at least one term of the selected year • AND attempted at least 0.5 credit units in a single course on any TOP code at the selected college AND [CB04 IN (C, D) AND SXD3 ≥ 0.5] • OR EITHER has 12 positive attendance hours in the selected year in noncredit courses not in Tutoring or Supervised Study Skills OR [CB04 = N AND CB03 NOT IN (493009, 493014) AND SUM (SX05) ≥ 12 across all colleges AND SX05 < 2000 WHERE GI03 is within the selected year] • OR enrolled in noncredit courses not in Tutoring or Supervised Study Skills in Spring term 2020 or in any term in academic year 2020-21 or 2021-22 OR [CB04 = N AND CB03 NOT IN (493009, 493014) AND Has a value in the Student Enrollment Data Elements (SX) file WHERE GI03 is in (203, 204, 205, 206, 207, 208, 211, 212, 213, 214, 215, 216, 217, 218, 221, 222, 223, 224)]]

	<ul style="list-style-type: none"> • AND count students at any college and on any TOP code assigned to a vocational sector where a student took 0.5 or more units or noncredit courses the selected year
Denominator	n/a
Value Type	Unduplicated count of students
Testing	CP 122 with All CTE Program Disagg = SW 122
Notes	With the switch to online delivery method of instruction starting in Spring 2020 term with the onset of COVID, colleges inconsistently coded SX05 Positive Attendance Hours for noncredit courses. Therefore, the threshold of 12 hours (to align to WIOA Title II reporting of Adult Education participants), has been adjusted for noncredit students enrolled starting in the Spring 2020 term and in any term in academic years 2020-21 or 2021-22 allowing inclusion of those students without meeting the threshold of contact or positive attendance hours

DENOMINATORS (NOT DISPLAYED ON DASHBOARD)

SW 203 All SWP Students Who Exited Higher Education

Description	Number of students who were enrolled in the selected year in any community college and did not enroll in the subsequent year at any community college or at any postsecondary institution
Data Source(s)	Chancellor's Office Management Information System
Data Element(s)	GI03 Term-Identifier SB15 Student-Enrollment-Status SX Domain and Format National Student Clearing House CSU/UC Cohort Match
Calculations	<p>SW 122 SWP Exiting Students who met all of the following criteria:</p> <ul style="list-style-type: none"> • Did not have an enrollment in the subsequent year Student Enrollment file is null for the academic year following the selected year • AND did not transfer to any postsecondary institution in the subsequent year AND no valid course enrollment reported by CSU, UC, and the National Student Clearinghouse in transfer bucket data for any postsecondary institution for the subsequent year from 07/01 of the selected calendar year to 06/30 of the subsequent calendar year • AND count students at any college and on any TOP code assigned to a vocational sector where a student took 0.5 or more units or noncredit courses in the selected year
Denominator	n/a
Value Type	Unduplicated count of students
Notes	<ul style="list-style-type: none"> • This metric will not be displayed on the dashboard but will be used as a denominator for the following metrics: <ul style="list-style-type: none"> ○ SW 701 SWP Students in a Job Related to Field of Study ○ SW 800 Median Annual Earnings ○ SW 801 Median Change in Earnings ○ SW 802 Number of SWP Students Who Attained a Living Wage • Transfer bucket contains data reported by CSU, UC, and the National Student Clearinghouse

SW 323 SWP Students Who Took Noncredit Courses on a TOP code assigned to a vocational industry sector in the Selected Year

Description	All students who had at least 12 positive attendance hours in any noncredit course(s) on a TOP code that is assigned to a vocational industry sector in the
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	selected year or who was enrolled in any noncredit course(s) on a TOP code that is assigned to a vocational industry sector in Spring term 2020 or in any term in academic year 2020-21 or 2021-22
Data Source(s)	Chancellor's Office Management Information System
Data Element(s)	CB03 Course-TOP-Code CB04 Course-Credit-Status GI03 Term-Identifier SB15 Student-Enrollment-Status SX Domain and Format SXD3 Enrollment-Units-Attempted
Calculations	<p>Student who met all of the following criteria:</p> <ul style="list-style-type: none"> • Has an enrollment in the system Has a value in the Student Enrollment Data Elements (SX) file • AND is enrolled as a non-Special Admit student in at least one term of the selected year WHERE [SB15 IS (1,2,3,5,X) in at least one term of the selected year • AND in the selected year WHERE GI03 is within the selected year • AND EITHER has 12 positive attendance hours in the selected year in noncredit courses not in Tutoring or Supervised Study Skills EITHER WHERE [CB04 = N AND CB03 NOT IN (493009, 493014) AND SUM (SX05) ≥ 12 across all colleges AND SX05 < 2000 WHERE GI03 is within the selected year • AND in the selected year WHERE GI03 is within the selected year • OR enrolled in noncredit courses not in Tutoring or Supervised Study Skills in Spring term 2020 or in any term in academic year 2020-21 or 2021-22 OR WHERE [CB04 = N AND CB03 NOT IN (493009, 493014) AND Has a value in the Student Enrollment Data Elements (SX) file WHERE GI03 is in (203, 204, 205, 206, 207, 208, 211, 212, 213, 214, 215, 216, 217, 218, 221, 222, 223, 224)] • AND count students at any college and on any TOP code assigned to a vocational sector where a student took 0.5 or more units or noncredit courses in the selected year
Denominator	n/a
Value Type	Unduplicated count of students
Drilldowns	n/a

Notes	Metric will not be displayed on the dashboard but will be used as a denominator for SW 337 SWP Students Who Took Noncredit Courses Coded on a CTE TOP Code or Flagged as a Workforce Preparation Course with a Noncredit Enrollment in the Selected Year
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SW 337 SWP Students Who Took Noncredit Courses Coded on a CTE TOP Code or Flagged as a Workforce Preparation Course with a Noncredit Enrollment in the Selected Year

Description	All SWP students who took noncredit courses coded on a CTE TOP Code or flagged as a workforce preparation course with a noncredit enrollment in the selected year
Data Source(s)	Chancellor's Office Management Information System
Data Element(s)	CB03 Course-TOP-Code CB22 Course-Noncredit-Category GI03 Term-Identifier SX04 Enrollment Grade SX05 Enrollment-Positive-Attendance-Hours
Calculations	<p>SW 323 Noncredit Students who met all of the following criteria:</p> <ul style="list-style-type: none"> EITHER with an enrollment on a noncredit CTE TOP code in the selected year EITHER [(CB04 = N AND CB03 = "*" in TOP_VE_STATUS table WHERE GI03 is within the selected year) OR with an enrollment in a noncredit workforce preparation course in the selected year OR (CB02 = N AND CB22 = J for any SX04 or SX05 value WHERE GI03 is within the selected year) AND CB03 is assigned to a vocational sector WHERE GI03 is within the selected year)] AND count students at any college where a student has a noncredit enrollment
Denominator	n/a
Value Type	Unduplicated count of students
Drilldowns	Credit Status: All
Notes	<ul style="list-style-type: none"> Metric will not be displayed on the dashboard but will be used as a denominator for SW 403 SWP Students Who Attained a Noncredit Workforce Milestone

	<ul style="list-style-type: none"> • With the switch to online delivery method of instruction in Spring 2020 term, colleges inconsistently coded SX05 Positive Attendance Hours for noncredit courses. Therefore, the threshold of 12 hours (to align to WIOA Title II reporting of Adult Education participants), has been adjusted for noncredit students enrolled in the Spring 2020 term allowing inclusion of those students without meeting the threshold of contact or positive attendance hours
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SW 505 Students Employed in the Second Fiscal Quarter After Exit

Description	Among students who exited the community college system and did not transfer to any postsecondary institution, the proportion of students who were employed in the second fiscal quarter after exit
Data Source(s)	Chancellor's Office Management Information System Employment Development Department Unemployment Insurance Wage File
Data Element(s)	GI03 Term-Identifier SX Domain and Format
Calculations	<p>SW 203 SWP Exiters who met all of the following criteria:</p> <ul style="list-style-type: none"> • Were matched in the UI wage file Wage record found in the second fiscal quarter following the selected year • AND were employed in the second fiscal quarter after exit AND Student matched in UI wage file in the second fiscal quarter immediately following the selected year or Oct-Dec of the calendar year of exit or Q4 • AND count students at any college and on any TOP code assigned to a vocational sector where a student took 0.5 or more units or noncredit courses in the selected year
Denominator	n/a
Value Type	Unduplicated Count of Students
Notes	<ul style="list-style-type: none"> • The exiter definition only includes students as exiters if they did not re-enroll at any postsecondary institution from 07/01 of the selected year to 06/30 of the subsequent year. • Metric will ALSO be used as a denominator for the following metrics: <ul style="list-style-type: none"> ○ SW 800 Median Annual Earnings ○ SW 802 Proportion of Students Who Attained the Living Wage • A student's academic year of exit is the end of the academic year in which they were last enrolled in the community college system. Q4 of the calendar year of exit (Oct-Dec) corresponds to the second fiscal quarter after exit. Information is only shown for students with a valid social security number, therefore figures may be understated • Unemployment Insurance data contain wages only for those employed in an occupation or industry covered by Unemployment Insurance in California. This

	excludes individuals employed by the military or federal government, and those who are self-employed, employed out of state, unemployed, or not in the workforce after completion of an award.
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SW 510 Students Who Exited and Who Were Employed in the Fiscal Quarter Two Quarters After Exit and in the Fiscal Quarter Two Quarters Before Entry or Reentry

Description	Among students who exited the community college system and did not transfer to any postsecondary institution, the number of students who were employed in the fiscal quarter two quarters after exit and in the fiscal quarter two quarters before entry or reentry
Data Source(s)	Chancellor's Office Management Information System National Student Clearing House CSU/UC Cohort Match
Data Element(s)	GI03 Term-Identifier SX Domain and Format
Calculations	<p>SW 203 Exiters who met all of the following criteria:</p> <ul style="list-style-type: none"> ● Were matched in the UI wage file Wage record found in the second fiscal quarter following the selected year ● AND were employed in the second fiscal quarter after exit AND Student matched in UI wage file in the second fiscal quarter immediately following the selected year or Oct-Dec of the calendar year of exit or Q4 from the last college attended ● AND determine term of first-time entry or qualifying re-entry ● Where EITHER exiting student who returned as a non-special admit student after an absence of one or more academic years where student enrollment is found at any time prior to the year preceding the selected year excluding enrollment as a special-admit student WHERE GI03 is any time BEFORE prior year of the selected year AND SB15 is NOT equal to Y WHERE GI03 is NOT within the prior or selected years AND SB15 is NOT equal to Y ● OR exiting student is flagged as first-time ever student in the selected year OR WHERE MIN (GI03) is within the selected year ● AND were employed in the second fiscal quarter before first-time entry or re-entry AND Student matched in UI wage file two quarters prior to the academic year of entry or re-entry in Q1 (Jan-Mar) of the calendar year of the student's academic year of entry or qualified re-entry at any college ● AND count students at any college and on any TOP code assigned to a vocational sector where a student took 0.5 or more units or noncredit courses in the selected year

Denominator	n/a
Value Type	Unduplicated count of students
Notes	<ul style="list-style-type: none"> • The exiter definition only includes students as exiters if they did not re-enroll at any postsecondary institution from 07/01 of the selected year to 06/30 of the subsequent year. • Metric will not be displayed on the dashboard but will be used as a denominator for SW 801 Median Change in Earnings for SWP Students After Exit

DISAGGREGATIONS

SW 103 Gender

Description	Students who were in specific gender categories
Data Source(s)	Chancellor's Office Management Information System
Data Element(s)	GI03 Term-Identifier SB04 Gender
Calculations	SW 122 SWP Students who met all of the following criteria: <ul style="list-style-type: none"> ● Enrolled In the selected year WHERE GI03 is within the selected year ● AND grouped by Gender as recorded in the last term of enrollment AND SB04 IN (F, M, B, X)
Denominator	SW 122 SWP Students
Value Type	Percentages and unduplicated count of students
Notes	<ul style="list-style-type: none"> ● Use latest category provided at the institutional level, or if a student has more than one gender or unreported anywhere at the level selected, assign the student to the “multiple values reported” category ● SB04 includes X which corresponds to unknown/non-respondent. This category is different than “multiple values reported” which is where students are placed if there is conflicting information at different colleges ● “B” for Non-binary is a new value added for SB04 in the summer 2019

SW 104 Race/Ethnicity

Description	Students who were in specific race/ethnicity categories
Data Source(s)	Chancellor's Office Management Information System
Data Element(s)	GI03 Term-Identifier STD10 Student – IPEDS - Ethnicity
Calculations	SW 122 SWP Students who met all of the following criteria: <ul style="list-style-type: none"> ● Enrolled In the selected year WHERE GI03 is within the selected year ● AND grouped by Ethnicity as recorded in the last term of enrollment AND STD10 IN (A, B, F, H, N, P, W, T, X)
Denominator	SW 122 SWP Students
Value Type	Percentages and unduplicated count of students

Notes	<ul style="list-style-type: none"> • Use latest category provided at the institutional level selected, or if there is more than one selection in the same term at the institutional level selected, assign the student to the “multiple values reported” category • Race/ethnicity is based on IPEDS categories plus Filipino/a category • STD10 includes X which corresponds to unknown/non-respondent. This category is different than “multiple values reported” which is where students are placed if there is conflicting information at different colleges
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SW 105 Age Group

Description	Students who were in specific age ranges
Data Source(s)	Chancellor's Office Management Information System
Data Element(s)	GI03 Term-Identifier SB03 Student-Birth-Date
Calculations	<p>SW 122 SWP Students who met all of the following criteria:</p> <ul style="list-style-type: none"> • Enrolled in the selected year WHERE GI03 is within the selected year • Age determined on Oct. 15th In the selected year anywhere in the community college system AND (Oct 15th In the selected year - SB03) • Then Grouped by the following age groups to determine percentages and distinct counts <p>19 or less 20 to 24 25 to 29 30 to 34 35 to 39 40 to 49 50 and older</p>
Denominator	SW 122 SWP Students
Value Type	Percentages and unduplicated count of students
Notes	<ul style="list-style-type: none"> • Use age as of October 15th of the academic year at the institutional level • SB03 does allow for an entry of YYYYMM99 or 99999999 to designate an unknown birthdate

SW 106 Perkins Economically Disadvantaged

Description	Students considered economically disadvantaged using the Perkins definition
Data Source(s)	Chancellor's Office Management Information System

Data Element(s)	GI03 Term-Identifier SB26 Student-WIA-Status SC01 CalWORKs-Eligibility-Status SF21 Student-Aid-Award-Type SV03 Student-VTEA-Economically-Disadv-Status
Calculations	<p>SW 122 SWP Students who met the following criteria in EITHER of these ways:</p> <ul style="list-style-type: none"> ● Enrolled in the selected year WHERE GI03 is within the selected year ● AND EITHER ever participated in the Workforce Investment Act (WIA) program at any college where enrolled AND EITHER SB26 = J ● OR ever received a financial aid award at any college where enrolled OR SF21 IN (BA, B1, B2, B3, BB, BC, BD, GC, GP, GS, WF) ● OR ever identified as a participant in a CalWORKs program at any college where enrolled OR SC01 IN (1,2,3,4,6) ● OR ever identified as economically disadvantaged status at any college where enrolled OR SV03 IN (1S, 1A, 1N, 2S, 2A, 2N, 3S, 3A, 3N, 4S, 4A, 4N) ● AND at any time up to and including the selected year WHERE GI03 is any time up to and including the selected year
Denominator	SW 122 SWP Students
Value Type	Unduplicated count of students
Notes	<ul style="list-style-type: none"> ● If a student enrolls at more than one college and is considered economically disadvantaged at one college and not the other, the student is still considered economically disadvantaged. ● This metric has been updated to align to the definition provided by MIS on 10/17/19 to denote Economically Disadvantaged status for Perkins.

MOMENTUM OR MILESTONES

SW 402 SWP Students Who Earned 9 or More Career Education Units Within the District in a Single Year

Description	Among all Strong Workforce Program students, the proportion who successfully completed nine or more career education semester units in the selected year within a single district
Data Source(s)	Chancellor's Office Management Information System
Data Element(s)	CB03 Course-TOP-Code CB09 Course-SAM-Priority-Code GI03 Term-Identifier SX03 Enrollment-Units-Earned SX04 Enrollment-Grade
Calculations	<p>SW 122 SWP Students who met all of the following criteria:</p> <ul style="list-style-type: none"> • Convert quarter units earned in the district in the selected year to semester units Multiply SUM (SX03) for quarter units earned in the district by 0.667 to equate to semester units • AND earned passing grades in nine or more semester units in the district eliminating 8888 and 9999 values at the course level AND [SUM (SX03) for those courses WHERE First character of SX04 IN (A, B, C, P) AND SX03 < 50] ≥ 9 units in the district • WHERE the nine or more semester units earned within the district were considered CTE per SCFF definition AND [CB03 = "*" in TOP_VE_STATUS table OR CB09 IN (A, B, C)] • AND in the selected year AND WHERE GI03 is within the selected year • AND count students at any college and on any TOP code assigned to a vocational sector where a student took 0.5 or more units or noncredit courses in the selected year • AND at the regional and statewide levels, only students who achieved 9+ CTE units in a single district in the selected year will be included. If the student achieved 9+ CTE units at more than one district in the selected year, then the student would only be counted once at the regional (if colleges are in the same region) and statewide levels
Denominator	SW 122 SWP Students enrolled in the district
Value Type	Percentages and unduplicated count of students

Notes	<ul style="list-style-type: none"> • This includes students who may have earned units in previous academic years, however 9+ units at semester schools and 13.5+ units at quarter schools must have been earned in the selected year • Includes only units taken within the same district during the selected year
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SW 403 Students Who Completed a Noncredit CTE or Workforce Preparation Course

Description	Among all students with a noncredit enrollment on a CTE TOP code or a noncredit enrollment in a workforce preparation course, the proportion who completed a noncredit CTE or workforce preparation course or had 48 or more contact hours in a noncredit CTE or workforce preparation course(s) in the selected year
Data Source(s)	Chancellor's Office Management Information System
Data Element(s)	CB03 Course-TOP-Code CB04 Course-Credit-Status CB22 Course-Noncredit-Category GI03 Term-Identifier SX04 Enrollment-Grade SX05 Enrollment-Positive-Attendance-Hours
Calculations	<p>SW 337 Students who met all of the following criteria:</p> <ul style="list-style-type: none"> • EITHER successfully completed a noncredit CTE course at the selected college WHERE [CB04 = N AND CB03 = "*" in TOP_VE_STATUS table AND (First character of SX04 IN (A, B, C, P) OR First two characters of SX04 IN (SP)) • OR successfully completed a noncredit workforce preparation course at the selected college OR [CB04 = N AND CB22 = J AND (First character of SX04 IN (A, B, C, P) OR First two characters of SX04 IN (SP))] • AND in the selected year WHERE GI03 is within the selected year • AND count students at the selected college and on any TOP code assigned to a vocational sector where successful completion occurred • OR EITHER had 48 or more contact hours in noncredit CTE courses at the selected college and at any other colleges where student was enrolled that contributed to the 48 hours OR [CB04 = N AND CB03 = "*" in TOP_VE_STATUS table AND SUM (SX05) ≥ 48 hours]

	<ul style="list-style-type: none"> ● OR had 48 or more contact hours in workforce preparation courses at the selected college and at any other colleges where student was enrolled that contributed to the 48 hours <p>OR [CB04 = N AND CB22 = J AND SUM (SX05) ≥ 48 hours]</p> <ul style="list-style-type: none"> ● AND in the selected year WHERE GI03 is within the selected year ● AND count students at any college and on any TOP code assigned to a vocational sector where a student had contact hours in noncredit CTE or contact hours in workforce prep in the selected year that contributed towards the 48+ contact hour threshold for noncredit CTE or for workforce prep courses in the selected year
Denominator	<p>SW 337 SWP Students Who Took Noncredit Courses Coded on a CTE TOP Code or Flagged as a Workforce Preparation Course with a Noncredit Enrollment in the Selected Year</p>
Value Type	<p>Percentage and Unduplicated count of students</p>
Notes	<ul style="list-style-type: none"> ● This metric includes workforce prep courses that are in non-CTE TOP codes per decision made by CO. ● This includes students who may have completed a workforce milestone in previous academic years, however the workforce milestone must have been earned in the selected year. ● Many colleges did not report course completion for noncredit so data may be incomplete

SUCCESS

SW 632 SWP Students Who Earned a Degree or Certificate or Attained Apprenticeship Journey Status

Description	Number of unduplicated Strong Workforce Program students who earned a noncredit certificate, Chancellor's Office approved certificate, associate degree, and/or CCC baccalaureate degree on a TOP code assigned to a vocational sector and who were enrolled in the district on any TOP code in the selected year or who attained apprenticeship journey status on a vocationally flagged TOP code in the selected year and who were enrolled at any community college at the start of the apprenticeship program on a vocationally flagged TOP code
Data Source(s)	Chancellor's Office Management Information System Department of Apprenticeship Standards
Data Element(s)	<p>COMIS: CB03 Course-TOP-Code GI03 Term-Identifier SP02 Student-Program-Award SX Domain and Format</p> <p>DAS: CURRENT_STATUS STATUS_DATE START_DATE</p>
Calculations	<p>SWP Students who met all of the following criteria:</p> <ul style="list-style-type: none"> • Has an enrollment in the system Has a value in the Student Enrollment Data Elements (SX) file • AND is enrolled as a non-Special Admit student in at least one term of the selected year WHERE [SB15 IS (1,2,3,5,X) in at least one term of the selected year • AND attempted at least 0.5 credit units in a single course on any TOP code at the selected college AND [CB04 IN (C, D) AND SXD3 ≥ 0.5] • OR EITHER has 12 positive attendance hours in the selected year in noncredit courses not in Tutoring or Supervised Study Skills OR [CB04 = N AND CB03 NOT IN (493009, 493014) AND SUM (SX05) ≥ 12 across all colleges AND SX05 < 2000 WHERE GI03 is within the selected year] • OR enrolled in noncredit courses not in Tutoring or Supervised Study Skills in Spring term 2020 or in any term in academic year 2020-21 or 2021-22

OR [CB04 = N
AND CB03 NOT IN (493009, 493014)
AND Has a value in the Student Enrollment Data Elements (SX) file
WHERE GIO3 is in (203, 204, 205, 206, 207, 208, 211, 212, 213, 214, 215, 216,
217, 218, 221, 222, 223, 224)]

AND Either earned an award on a TOP code assigned to a vocational sector and was enrolled in the same district on any TOP code and in the same year that the student earned the award

- **Earned a noncredit award at the selected college**

SPO2 in (H, I, J, K, P, Q, R)

- **OR earned a CO approved credit certificate at the selected college**

OR SPO2 in (B, L, T, F, M, N)

- **OR earned an associate degree at the selected college**

OR SPO2 in (A, S)

- **OR earned a community college bachelor's degree at the selected college**

SPO2 in (Y, Z)

- **AND in a program area that is assigned to a vocational sector**

AND CB03 is assigned to a vocational sector

- **AND in the selected year**

WHERE GIO3 is within the selected year

- **AND with a record in the Student Enrollment Data Elements (SX) file in the selected year on any valid TOP code in the district**

AND [Has a value in the Student Enrollment Data Elements (SX) file

WHERE GIO3 is within the selected year in the district

AND CB03 is any valid TOP code in the Taxonomy of Programs manual]

- **AND count students at the selected college and on the selected TOP code assigned to a vocational sector where the student earned the award in the selected year**

OR attained apprenticeship journey level status in the selected year on a TOP code assigned to a vocational sector and was enrolled at any community college on a TOP code assigned to a vocational sector in the year that the student started the apprenticeship program

- **OR attained apprenticeship journey level status within the selected year on a TOP code assigned to a vocational sector**

OR [CURRENT_STATUS = "Completed" AND

STATUS_DATE is within the selected year AND

CB03 is assigned to a vocational sector]

- **AND was enrolled at any California community college in the year that they started the apprenticeship program but does not have to be enrolled in the selected year when they completed**

WHERE GIO3 is within the same year as START_DATE in the DAS file at any community college but does NOT have to be within the selected year

	<ul style="list-style-type: none"> • AND count students at any college and on any CTE TOP code where the student is enrolled on a CTE TOP code when the student started the apprenticeship program
Denominator	SW 122 SWP students enrolled in the district
Value Type	Unduplicated count of students
Notes	<ul style="list-style-type: none"> • To align to the SCFF definition for completion, the student has to be enrolled in the selected year at any college in the district. • Students who have earned multiple awards in the same year are counted once and deduplicated • Does not include local awards. Therefore, the code “E” which was defined in 2017-18 as “Certificate requiring 6 to fewer than 18 semester units (not approved by Chancellor’s Office)” for SPO2 is not included • For attainment of apprenticeship journey status, unlike attainment of an award, the student does NOT need to be enrolled in the selected year in the district in the year in which they attained apprenticeship journey status but needs to be enrolled at any college in the selected year when they started the apprenticeship program.

SW 650 SWP Students Who Transferred to a Four-Year Postsecondary Institution

Description	Among SWP students, the number of students who earned 12 or more units at any time and at any college, who exited the community college system in the selected year, and who enrolled in any four-year postsecondary institution in the subsequent year
Data Source(s)	Chancellor's Office Management Information System National Student Clearing House CSU/UC Match
Data Element(s)	CB03 Course-TOP-Code GI03 Term-Identifier SX03 Enrollment-Units-Earned Student Enrollment File Transfer Bucket
Calculations	<p>SW 122 Students who met all of the following criteria:</p> <ul style="list-style-type: none"> • Did not have an enrollment in the subsequent year at any college Has no value in the Student Enrollment Data Elements (SX) file at any college WHERE GI03 is within the academic year following the selected year • AND completed courses totaling 12 or more semester units at any community college after converting quarter units AND [Convert quarter units to semester units by multiplying quarter units x 0.667 AND SUM (SX03) ≥ 12] • AND eliminate 8888 and 9999 values

	<p>AND SX03 < 50</p> <ul style="list-style-type: none"> ● AND in any program area or TOP code WHERE CB03 is any valid TOP code in the Taxonomy of Programs manual ● AND at any time up to and including the selected year WHERE GI03 is before or within the selected year ● AND enrolled in a CSU, UC or any private or public in-state or out-of-state four-year institution in the subsequent year between 07/01 of the selected year and 06/30 of the subsequent year WHERE [(segment IS IN (CSU, UC, ISP, OOS) AND tfr_in_inst_type = 4 in the transfer bucket AND in the academic year following the selected year) ● AND include students in a transfer count for a college if that student had any enrollment value in the college in the selected year prior to transfer to a four-year institution AND Has a value in the Student Enrollment Data Elements (SX) file WHERE GI03 is within the selected year] ● AND count students at any college and on any TOP code assigned to a vocational sector where a student took 0.5 or more units or noncredit courses in the selected year
Denominator	SW 122 Strong Workforce Program Students
Value Type	Unduplicated count of students
Notes	<ul style="list-style-type: none"> ● This metric is aligned to the original SCFF definition. However, it will not align to the 2019-20 or 2020-21 or 2022-23 SCFF definition where the 12 or more units have to be earned in the district in the selected year prior to transfer ● Only students with valid social security numbers can be tracked ● For students who have taken a mixture of classes at colleges on semester and quarter systems, quarter units will be multiplied by 2/3 to equate to semester units for colleges on semesters, and semester units will be multiplied by 3/2 to equate to quarter units for colleges on quarters <p>Per the MIS DED for SX03, by eliminating 8888 and 9999 values for SX03, the following sections are excluded :</p> <ul style="list-style-type: none"> ○ Any noncredit section where CB04 = N ○ Any credit section where CB04 is in (C,D) and where SX04 is reported as "UG", "UD", "W", "MW", "DR" or "SP" ● Any credit section where CB04 is in (C,D) and where SX04 is reported as "I*", "IP", and "RD" ● All colleges where a student is enrolled in the selected year prior to transfer will receive credit for that transfer

EMPLOYMENT

SW 701 CTE Exiters Who Reported Working in a Job Closely Related to Their Field of Study

Description	Among students who responded to the CTE Outcomes Survey and did not transfer to any postsecondary institution, the proportion who reported that they are working in a job very closely or closely related to their field of study
Data Source(s)	Chancellor's Office Management Information System CTE Outcomes Survey National Student Clearinghouse CSU/UC Match
Data Element(s)	Student Enrollment File If you are working, how closely related to your field of study is your current job?
Calculations	SW 203 SWP Students who met all of the following criteria: <ul style="list-style-type: none"> • Responded either very close or close to CTEOS question for field of study Sum responses 1 and 2 to survey question: 1 = Very close – my current job is the same field as my coursework and training 2 = Close – I used what I learned in my coursework and training even though I am not working in the exact same field • AND count students at any college and on any TOP code assigned to a vocational sector where a student took 0.5 or more units or noncredit courses in the selected year
Denominator	SW 203 SWP Students Who Exited Higher Education and Who Responded to This Survey Question
Value Type	Percentages and unduplicated count of survey respondents
Notes	<ul style="list-style-type: none"> • The exiter definition only includes students as exiters if they re-enrolled at any postsecondary institution from 07/01 of the selected year to 06/30 of the subsequent year. • The state student ID (SB01) has been included with the CTEOS file shared with the LaunchBoard team to improve the match rate for the transfer exclusion by using the Transfer bucket which contains data reported by CSU, UC, and the National Student Clearinghouse • To be included in the survey, credit students: 1) received an approved Chancellor's Office certificate or degree with a vocational flagged Taxonomy of Programs (TOP) code and were enrolled in 0 – 5 units each semester in the subsequent year (not enrolled or minimally enrolled); 2) received a non-approved Chancellor's Office certificate of at least six units with a vocational flagged TOP code and were not enrolled in the subsequent year; or 3) completed at least nine units (within the prior three years) that were SAM coded A-D (with at least one course SAM coded A-C) in any TOP code and were not enrolled in the subsequent year and did not transfer or receive a certificate or vocational degree. For more information on the CTEOS cohort, please refer to the • To be included in the survey, noncredit students: 1) enrolled and received a noncredit vocational/CTE award and enrolled 0 hours each semester the next year (not enrolled); 2) did not earn an award but were enrolled in

	<p>noncredit CTE coursework, completed at least 48 hours in that year, and enrolled 0 hours each semester the next year (not enrolled).</p> <ul style="list-style-type: none"> For more information, please refer to the Santa Rosa Junior College CTEOS website Information and Resources and FAQ document
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EARNINGS

SW 800 Median Annual Earnings of SWP Students After Exit

Description	Among students who exited the community college system and who did not transfer to any postsecondary institution, median earnings following the academic year of exit
Data Source(s)	Chancellor's Office Management Information System Employment Development Department Unemployment Insurance Dataset National Student Clearinghouse CSU/UC Match
Data Element(s)	Chancellor's Office Management Information System GI03 Term-Identifier SX Domain and Format Transfer Bucket
Calculations	<p>For SW 505 Students Employed in the Second Fiscal Quarter After Exit who met the following criteria, calculate median annual earnings:</p> <ul style="list-style-type: none"> Were matched in the UI wage file Wage record found in the second fiscal quarter following the selected year AND annualize earnings in the second fiscal quarter after the academic year of exit AND multiply quarterly fiscal wages by four, using the quarterly wages in the second fiscal quarter immediately following the selected year AND adjust for inflation AND use the CA deflator in the index table to adjust for inflation AND count SW 505 students at any college and on any TOP code assigned to a vocational sector where a student took 0.5 or more units or noncredit courses in the selected year
Denominator	SW 505 Students Employed in the Second Fiscal Quarter After Exit
Value Type	Median \$ earnings and unduplicated count of students
Notes	<ul style="list-style-type: none"> The exiter definition only includes students as exiters if they re-enrolled at any postsecondary institution from 07/01 of the selected year to 06/30 of the subsequent year. This metric is adjusted for inflation. The SCFF does not adjust for inflation for this metric. Therefore, this metric will not align with the SCFF.

	<ul style="list-style-type: none"> • Unemployment Insurance data contain wages only for those employed in an occupation or industry covered by Unemployment Insurance in California. This excludes individuals employed by the military or federal government, and those who are self-employed, employed out of state, unemployed, or not in the workforce after completion of an award. • A student’s academic year of exit is the end of the academic year in which they were last enrolled in the community college system • Quarterly wages will always be calculated using Q4 of the year of exit (i.e., if a student was last enrolled in 2017-18, earnings will be calculated using wages in October-December 2018)
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SW 801 Median Change in Earnings of SWP Students After Exit

Description	Among Strong Workforce Program students who exited and who did not transfer to any postsecondary institution, median change in earnings between the second quarter prior to the beginning of the academic year of entry (for the first time ever as a non-Special Admit or return to any community college after an absence of one or more academic years) and the second quarter after the end of the academic year of exit from the last college attended
Data Source(s)	Chancellor's Office Management Information System Employment Development Department Unemployment Insurance Dataset National Student Clearinghouse CSU/UC Match
Data Element(s)	Chancellor's Office Management Information System GI03 Term-Identifier SX Domain and Format SB15 Student-Enrollment-Status Transfer Bucket
Calculations	<p>Calculate Post Earnings for each SW 510 Students Who Exited and Who Were Employed in the Second Fiscal Quarter After Exit and in the Second Fiscal Quarter Before Entry or Reentry:</p> <ul style="list-style-type: none"> • Determine student’s post earnings WHERE Post Earnings equals student’s wage matched in the EDD UI file in the second fiscal quarter immediately following the selected year or Oct-Dec of the calendar year of exit or Q4 from the last college attended • AND adjust for inflation AND use the CA deflator in the index table to adjust for inflation • AND determine student’s pre-earnings as first-time ever in the selected year or as qualifying re-entry where EITHER exiting student who returned as a non-special admit student after an absence of one or more academic years where student enrollment is found at any time prior to the year preceding the selected year excluding enrollment as a special-admit student

	<p>WHERE Pre-Earnings equals student's earnings two quarters prior to the academic year of entry or re-entry in Q1 (Jan-Mar) of the calendar year of the student's academic year of entry or qualified re-entry at any college</p> <ul style="list-style-type: none"> ● AND adjust for inflation <p>AND use the CA deflator in the index table to adjust for inflation</p> <ul style="list-style-type: none"> ● Calculate a Median Change in Earnings for all students ● AND count students at any college and on any TOP code assigned to a vocational sector where a student took 0.5 or more units or noncredit courses in the selected year
Denominator	SW 510 Students Who Exited and Who Were Employed in the Fiscal Quarter Two Quarters After Exit and in the Fiscal Quarter Two Quarters Before Entry or Reentry
Value Type	Median Percentage change and number of students included in the equation
Notes	<ul style="list-style-type: none"> ● The exiter definition only includes students as exiters if they re-enrolled at any postsecondary institution from 07/01 of the selected year to 06/30 of the subsequent year. ● Returning students are identified as those who have been gone for all terms of a given academic year and then had an enrollment in any term of a subsequent academic year. ● Unemployment Insurance data contain wages only for those employed in an occupation or industry covered by Unemployment Insurance in California. This excludes individuals employed by the military or federal government, and those who are self-employed, employed out of state, unemployed, or not in the workforce after completion of an award. ● A student's academic year of entry is the most recent year in which a student was enrolled at any college and had no enrollments in the prior academic year at any college ● A student's academic year of exit is the end of the academic year in which they were last enrolled in the community college system ● Pre-earnings: Q1 (Jan-Mar) of the calendar year of the student's academic year of entry at any college ● Post-earnings: Q4 (Oct-Dec) of the calendar year of the student's academic year of exit from the last college attended

SW 802 Proportion of SWP Students After Exit Who Attained the Living Wage

Description	Among students who exited college and did not transfer to any postsecondary institution, the proportion who attained the district county living wage for a single adult measured immediately following academic year of exit
Data Source(s)	Chancellor's Office Management Information System Employment Development Department Unemployment Insurance Dataset National Student Clearinghouse

	<p>CSU/UC Match Insight Center for Community Economic Development</p>
Data Element(s)	<p>Chancellor's Office Management Information System GIO3 Term-Identifier SX Domain and Format Transfer Bucket</p>
Calculations	<p>Calculate median annual earnings and compare to living wage for a single adult for SW 505 Students Who Exited Higher Education and Who Were Employed in the Second Fiscal Quarter After Exit:</p> <ul style="list-style-type: none"> ● Were matched in the UI wage file Wage record found in the second fiscal quarter following the selected year ● AND annualize earnings in the second fiscal quarter after the academic year of exit AND multiply quarterly fiscal wages by four, using the quarterly wages in the second fiscal quarter immediately following the selected year ● AND adjust for inflation AND use the CA deflator in the index table to adjust for inflation ● AND determine whether total earnings for each student equaled or exceeded the living wage AND compare annual wages for each student to living wage for single adult for the county in which the district is located ● AND count SW 505 students at any college and on any TOP code assigned to a vocational sector where a student took 0.5 or more units or noncredit courses in the selected year
Denominator	SW 505 Students Employed in the Second Fiscal Quarter After Exit
Value Type	Percentages and number of students included in the equation
Notes	<ul style="list-style-type: none"> ● For the 2021-22 build of this dashboard, the Chancellor's Office has decided to use 2021 single adult living wages. SCFF will also use 2021 wages or the same data source. ● This metric is adjusted for inflation. The SCFF does not adjust for inflation for this metric. Therefore, this metric will not align with the SCFF. ● Unemployment Insurance data contain wages only for those employed in an occupation or industry covered by Unemployment Insurance in California. This excludes individuals employed by the military or federal government, and those who are self-employed, employed out of state, unemployed, or not in the workforce after completion of an award. ● A student's academic year of exit is the end of the academic year in which they were last enrolled in the community college system ● Quarterly wages will always be calculated using Q4 of the year of exit (i.e., if a student was last enrolled in 2017-18, earnings will be calculated using wages in October-December 2018)

	<ul style="list-style-type: none">• Living wages are based on the county where the college district is located (if located in more than one county than county with the greatest overlap was chosen - Gavilan in San Bento and Yosemite in El Dorado).
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