



# 2023-24 Credit Colleges CTE DSPS Summary

March 12, 2024

## Context

Below is a summary of related Fall 2023 CTE and DSPS data for the Credit Colleges from the SDCCD Office of Institutional Effectiveness and Research's [2023-2024 DSPS Dashboard](#). Data was extracted from SDCCD's Institutional Research Datamart on 03/11/2023.

This summary is intended for CTE professionals interested in **a base profile for SDCCD's CTE DSPS student population**. It is meant to help the exploration of interventions and collaboration with the DSPS department, especially those that are relevant to students' primary disability and other intersecting identities (age, gender, ethnicity). The volume of individuals receiving services is shown.

Certain commonalities and differences are presented so CTE and DSPS professionals can leverage overarching efforts as well as **identify opportunities for individualized CTE program services at the primary disability level**. Additional terms and filtering options are available on the [online dashboard](#) so further examination can be done for specific populations (e.g. Female CTE students receiving DSPS services for Mental Health disability). Due to the nature that CTE student interest and wrap-around services vary greatly by DSPS primary disability, further exploration of each population via the dashboard is recommended. The summary is centered around CTE DSPS students but includes comparisons to the overall DSPS student population and the overall CTE student population.

Three categories are used:

CTE DSPS students – enrolled in at least **one CTE-related course** at the Credit Colleges **and received DSPS services** that term.

All DSPS students – enrolled in at least **one course** at the Credit Colleges **and received DSPS services** that term.

All CTE students – enrolled in at least **one CTE-related course** at the Credit Colleges.

The summary is organized into four tables:

**Table 1:** Compares CTE DSPS students to All DSPS students. It shows ways the CTE DSPS student population may differ in **primary disability or ethnicity** to the overall DSPS student population.

**Table 2:** Compares CTE DSPS students to All CTE students. It shows how the CTE DSPS student population may differ in **demographics, academic profile, enrollments, and outcomes** to the overall CTE student population.

**Table 3:** Provides the top 5 CTE subjects enrolled by CTE DSPS students and All CTE students.

**Table 4:** Provides the most enrolled CTE subject by CTE DSPS students for each primary disability. It also shows what percent that subject was of all CTE enrollments for that primary disability.

**Graph 1:** Provides All DSPS and CTE DSPS student headcount. Percent change to Fall 2019 and prior Fall term data. Provides percent CTE DSPS of All DSPS student population.

**Table 1 Key Findings:**

- 44% of DSPS students are enrolled in CTE-related coursework.
- There is a similar number of CTE students receiving DSPS services as the general student population (5%).
- CTE DSPS students' largest primary disability is Mental Health Disability (31%). The percentage of students receiving services for each disability is fairly similar between the CTE DSPS and All DSPS student populations.
- CTE DSPS student population has a similar ethnic representation that All DSPS population.

*Table 1. Overall CTE DSPS and DSPS Student Population*

DSPS Student Populations				
Metric	Observation		CTE DSPS Students	All DSPS Students
DSPS Headcount	<b>44%</b> of DSPS students are enrolled in CTE-related coursework.	Fall 2023:	790	1,795
Percent receive DSPS services of Respective Student Population	<b>Similar rates</b> of students receiving DSPS services.	Fall 2023:	5% of CTE students	5% of All students
Percent of DSPS students by Primary Disability	The largest primary disability is Mental Health. <b>Across the credit colleges, the CTE DSPS student population is similar to the All DSPS student population.</b>	Acquired Brain Injury: ADHD: Autism: Deaf and Hard Hearing: Intellectual Disability: Learning Disability: Mental Health Disability: Mobility Impaired: Visually Impaired: Other: Multiple Prime Disabilities:	2% 14% 11% 2% 2% 20% <b>31%</b> 4% 1% 11% 1%	2% 17% 11% 2% 2% 19% <b>31%</b> 4% 1% 10% 1%
Percent of DSPS students by Ethnicity	There is <b>fairly similar ethnic representation</b> in both populations.	African American: Asian: Filipino: Latinx: Multi-Ethnicity: White:	9% 7% 3% 40% 9% 30%	9% 6% 3% 41% 8% 31%

**Table 2 Key Findings:**

- There is more female representation in the CTE DSPS students (56%) than in the CTE students (45%).
- CTE DSPS had similar ethnic representation to All CTE students.
- CTE DSPS student population has more proportion of students between 18-24 years old (+6%).
- Over half of CTE DSPS students are degree seekers and 40% attempted full academic loads (12+ units).
- CTE DSPS and All CTE students had over 65% of CTE enrollments go past census, 70% v 67%.
- CTE DSPS students had higher completion (+1%), success (+3%) rates, and GPA (+.09) than the non-DSPS CTE students. However, outcomes vary greatly by primary disability, please observe in the dashboard.

*Table 2. CTE DSPS and all CTE student population – Demographics, Enrollment Patterns and Outcomes*

CTE Student Populations				
Metric	Observation		CTE DSPS Students	All CTE Students
Gender (% Female)	<b>CTE DSPS has more female representation</b> than the overall CTE student population (+11%).	Fall 2023:	<b>56%</b>	<b>45%</b>
Percent of CTE students by Ethnicity (Fall 2023)	The CTE DSPS student population has <b>similar rates</b> than the general CTE student population.	African American: Asian: Filipino: Latinx: Multi-Ethnicity: White:	9% 7% 3% 40% 9% 30%	7% 9% 4% 40% 7% 32%
Age Group of CTE students (Fall 2023)	CTE DSPS student population has <b>more proportion of students between 18-24 years old</b> (+6%)	Under 18: 18-24: 25-29: 30-34: 35-39: 40-49: 50 and Older:	4% <b>49%</b> 13% 11% 6% 10% 7%	6% <b>43%</b> 15% 11% 8% 10% 7%
Previous Education of CTE students (Fall 2023)	CTE DSPS students have <b>fewer bachelor's degrees</b> (6% vs. 15%).	High School Associate Degree Bachelor's or Higher:	63% 5% 6%	58% 7% 15%

Table 2 cont. CTE DSPTS and all CTE student population – Demographics, Enrollment Patterns and Outcomes

CTE Student Populations				
Metric	Observation		CTE DSPTS Students	All CTE Students
Education Goal (Fall 2023)	A larger percentage of CTE DSPTS students' education goal is to receive a degree. <b>Over half are degree-seeking</b> (AA/AS or BA/BS).	Associates (no Transfer): Bachelor's Degree: Career Prep/Vocational: Undecided/Unreported:	<b>12%</b> <b>43%</b> 14% 21%	<b>9%</b> <b>38%</b> 15% 18%
Percent Attempt 12 or more Units	More CTE DSPTS students are attempting a full course load (+5%).	Fall 2023:	42%	38%
Earned Similar Units Attempted (Fall 2023)	<b>Half or less</b> of the students from both populations that attempted 6+ units, earned a similar number of units attempted.	3-5.9 Units: 6-8.9 Units: 9-11.9 Units: 12+ Units:	65% <b>51%</b> <b>49%</b> <b>36%</b>	71% <b>50%</b> <b>39%</b> <b>37%</b>
Number of CTE Enrollments (Past Census)	CTE DSPTS students are <b>5.4% of CTE enrollments</b> past census.	Fall 2023:	2,762	51,102
Percent of CTE Enrollments that go past census	CTE DSPTS students enrolled in Fall continue past census at <b>higher rates</b> (+7%).	Fall 2023:	70%	67%
Completion Rate (Average)	CTE DSPTS students have a <b>slightly higher</b> completion rate (+1%). *	Fall 2023:	91%	90%
Success Rate (Average)	CTE DSPTS students have a <b>higher</b> success rate (+3%). *	Fall 2023:	78%	75%
GPA (Average)	CTE DSPTS grade point average is <b>slightly higher</b> (-.09). *	Fall 2023:	2.98	2.89

\*Please review outcomes disaggregated by primary disability in the dashboard. Completion: 84%-100%, Success: 65%-97%, GPA: 2.70-3.71.

**Tables 3 & 4 Key Findings:**

- Both CTE DSPS and All CTE students have Business and Child Development as two of their most enrolled CTE subjects.
- Top CTE enrollments vary greatly by DSPS primary disability. 16% of Mental Health Disability enrollments were in Nursing Education. Enrollments vary greatly by primary disability, please observe in the dashboard.

*Table 3. CTE DSPS and all CTE student population – Top CTE Subjects Enrolled*

Most Enrolled CTE Subjects				
Observation	Most Popular CTE subjects by CTE DSPS Enrollment	# of CTE DSPS Enrollments	Most Popular CTE subjects by CTE Enrollment	# of CTE Enrollments
Two of the top five most enrolled subjects are similar.	<b>Business</b>	150	<b>Business</b>	4,596
	<b>Child Development</b>	149	Administration of Justice	3,018
	Computer and Information Sciences	118	Fire Protection Technology	2,817
	Nursing Education	89	<b>Child Development</b>	2,731
	Radio, Television and Film	68	Accounting	2,683

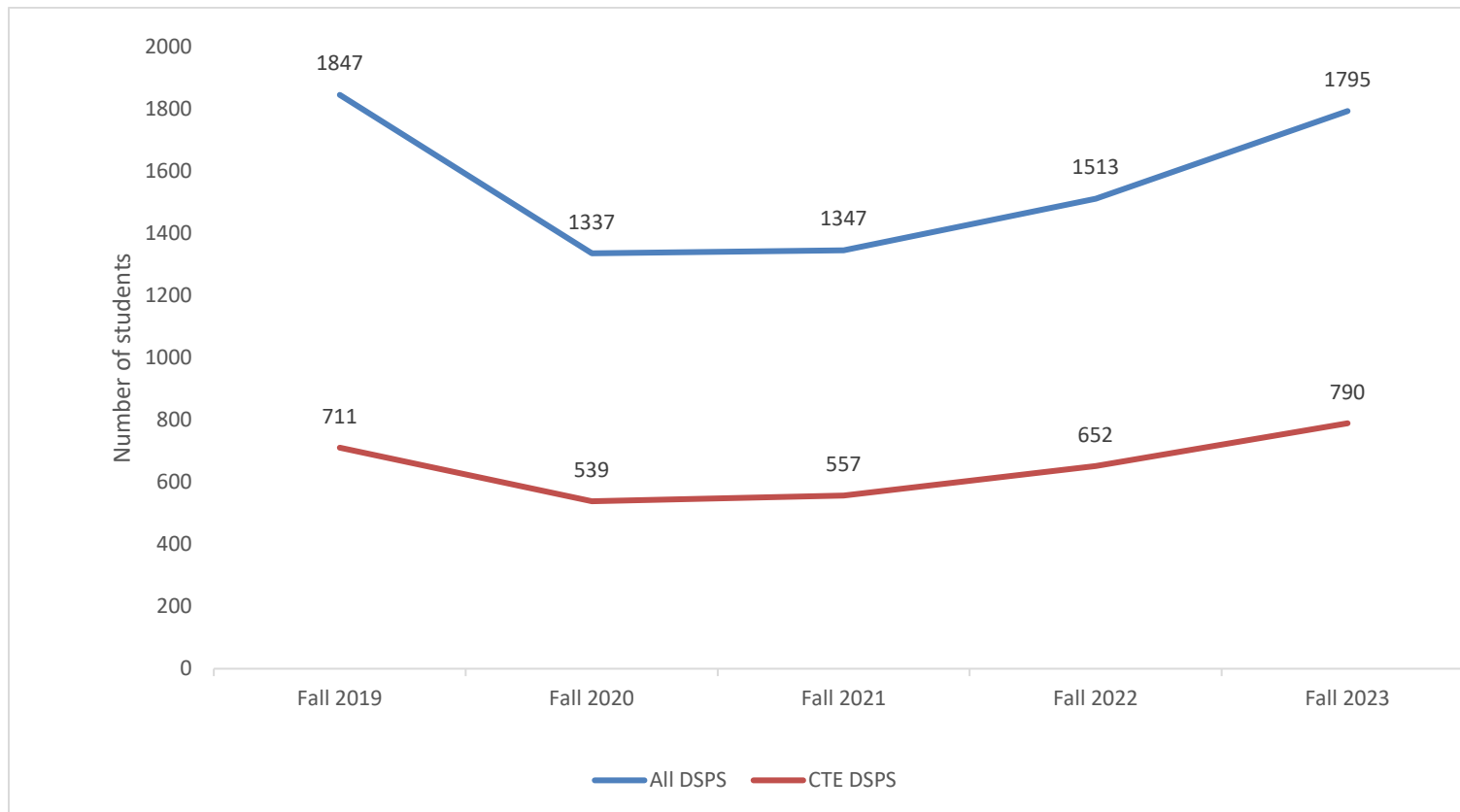
*Table 4. CTE DSPS – Top CTE Subject Enrolled by Primary Disability*

CTE Student Populations			
Observation	Primary Disability and CTE Subject	# of Enrollments by Primary Disability	% of Primary Disabilities' CTE Enrollments
CTE subjects studied by each primary disability student population vary greatly. The dashboard is recommended for further exploration.	Acquired Brain Injury: Radio, Television and Film	10	26%
	ADHD: Business / Child Development	18	9%
	Autism: Computer and Information Sciences	17	12%
	Deaf and Hard Hearing: Radio, TV & Film / Aviation M. T.	4	14%
	Intellectual Disability: Child Development	6	25%
	Learning Disability: Child Development	36	12%
	Mental Health Disability: Nursing Education	71	16%
	Mobility Impaired: Business	12	26%
	Visually Impaired: Medical Assisting	6	27%
	Other: Child Development	16	9%
Multiple Prime Dis.: Health Information Technology	6	33%	

### Graph 1 Key Findings:

- In Fall 2023 the percentage of DSPS increased by 19% from Fall 2022, but decreased by 3% from Fall 2019.
- In Fall 2022 the number of CTE DSPS students increased 21% from Fall 2021 and increased by 11% from Fall 2019.
- The percentage of CTE DSPS students of all DSPS students has been between 38-44%

Fall 2019: 38%;      Fall 2020: 40%;      Fall 2021: 41%;      Fall 2022: 43%      Fall 2023: 44%



## Looking Across the Reports – Fall 2023 compared to [Fall 2022](#)

Table 1 compared with Fall 2022	
Fall 2023 Key Findings	Fall 2022 – Fall 2023 Comparison
44% of DSPS students are enrolled in CTE-related coursework (790/1795).	<b>Slight increase</b> from 43% in Fall 2022 (652/1513).
There is a similar proportion of CTE students receiving DSPS services compared to the general student population (5% in both groups).	<b>No changes</b> from Fall 2022.
CTE DSPS students' largest primary disability is Mental Health Disability (31%).	<b>No changes</b> from Fall 2022.
The percentage of students receiving services for each disability is fairly similar between the CTE DSPS and All DSPS student populations.	<b>No changes</b> from Fall 2022.
CTE DSPS student population has a similar ethnic representation that All DSPS population	<b>This differs</b> from Fall 2022, where there was more difference in the Latinx representation

Table 2 compared with Fall 2022	
Fall 2023 Key Findings	Fall 2022 – Fall 2023 Comparison
The female representation of CTE DSPS students (56%) is bigger than the female representation of all CTE students (45%).	A <b>small decrease</b> from Fall 2022 (60% vs. 48%).
CTE DSPS had similar ethnic representation to All CTE students.	<b>This differs</b> from Fall 2022, where there was more difference in the Latinx and African American representation.

Table 2 compared with Fall 2022 (cont.)	
Fall 2023 Key Findings	Fall 2022 – Fall 2023 Comparison
49% of the CTE DSPS students are between 18-24 years old, compared to 43% of all CTE students.	There is a <b>slight increase</b> in the proportion of CTE DSPS students ages 18-24 compared to Fall 2022 (from 48% to 49%).
Over half of CTE DSPS students are degree seekers (55%) compared to all CTE students (47%).	The proportion difference is <b>similar</b> in Fall 2022 (57% and 48% respectively).
The proportion of students attempting a full academic load (12+ units) is bigger in the CTE DSP students (42%) compared to all CTE students (38%).	<b>Similar</b> to Fall 2022 (42% and 35% respectively).
CTE DSPS and All CTE students had over 65% of CTE enrollments go past census, (70% and 67% respectively).	<b>Decrease</b> from Fall 2022 (80% and 73% respectively)
CTE DSPS students had higher completion (+1%), and success (+3%) rates.	It's a <b>change</b> from Fall 2022 when CTE DSPS students had a <b>lower completion and success rate</b> (88% vs 90%, and 77% vs 78%, respectively).

Tables 3 and 4 compared with Fall 2022	
Fall 2023 Key Findings	Fall 2022 – Fall 2023 Comparison
“Business”, and “Child Development” are among the Top 5 most enrolled subjects in both groups.	<b>Changed</b> from Fall 2022, where Computer Science was also on the list.
The greatest number of enrollments by primary disability was in Nursing Education by students with Mental Health Disability.	<b>No change</b> from Fall 2022
Enrollments vary greatly by primary disability.	<b>No change</b> from Fall 2022.