



2022-23 Credit Colleges CTE DSPS Summary

March 3, 2023

Context

Below is a summary of related Fall 2022 CTE and DSPS data for the San Diego Credit Colleges from the SDCCD Office of Institutional Effectiveness and Research's [2022-2023 DSPS Dashboard](#). Data was extracted from SDCCD's Institutional Research Datamart on 2/22/2023.

This summary is intended for CTE professionals that are 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). 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 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 the 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:

- 43% 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 (4%).
- CTE DSPS students' largest primary disability is Mental Health Disability (29%). The percentage of students receiving services for each disability is fairly similar between the CTE DSPS and All DSPS student population.
- CTE DSPS student population has slightly less Latinx (-3%) representation than the All DSPS student population.

Table 1. Overall CTE DSPS and DSPS Student Population

DSPS Student Populations				
Metric	Observation		CTE DSPS Students	All DSPS Students
DSPS Headcount	43% of DSPS students are enrolled in CTE-related coursework.	Fall 2022:	652	1,513
Percent receive DSPS services of Respective Student Population	Similar rates of students receiving DSPS services.	Fall 2022:	4% of CTE students	4% of All students
Percent of DSPS students by Primary Disability	The largest primary disability is Mental Health. Across the credit colleges the CTE DSPS student population is similar to the All DSPS student population.	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% 15% 12% 2% 1% 17% 29% 6% 2% 13% 2%	1% 16% 12% 2% 2% 19% 29% 4% 1% 11% 2%
Percent of DSPS students by Ethnicity	There is slightly less Latinx CTE DSPS representation than the overall DSPS student population.	African American: Asian: Filipino: Latinx: Multi-Ethnicity: White:	10% 8% 2% 36% 9% 33%	9% 7% 3% 39% 8% 32%

Table 2 Key Findings:

- There are more female CTE DSPS students (60%) than CTE students (48%).
- CTE DSPS had similar ethnic representation to All CTE students.
- CTE DSPS student population is older and fewer under 18 students.
- Over half of CTE DSPS students are degree seekers and almost half attempted full academic loads (12+ units).
- CTE DSPS and All CTE students had over 70% of CTE enrollments go past census, 80% v 73%.
- CTE DSPS students had lower completion (-2%), success (-1%) rates and GPA (-.05) than the non-DSPS CTE students. However, outcomes vary greatly by primary disability, please observe in 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)	CTE DSPS has more female representation than the overall CTE student population (+12%).	Fall 2022:	60%	48%
Percent of CTE students by Ethnicity (Fall 2022)	The CTE DSPS student population has similar rates than the general CTE student population.	African American: Asian: Filipino: Latinx: Multi-Ethnicity: White:	10% 8% 2% 36% 9% 33%	7% 10% 5% 39% 7% 31%
Age Group of CTE students (Fall 2022)	CTE DSPS student population has very few students under 18 and more students 50 and older.	Under 18: 18-24: 25-29: 30-34: 35-39: 40-49: 50 and Older:	2% 48% 15% 11% 6% 10% 9%	5% 47% 16% 10% 7% 8% 6%
Previous Education of CTE students (Fall 2022)	CTE DSPS students have fewer bachelor's degrees (7% vs. 15%).	High School Associate Degree Bachelor's or Higher:	72% 6% 7%	65% 5% 14%

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 2022)	A larger percent of CTE DSPTS students' education goal is to receive a degree. Over half are degree seeking (AA/AS or BA/BS).	Associates (no Transfer): Bachelor's Degree: Career Prep/Vocational: Undecided/Unreported:	13% 44% 13% 19%	8% 40% 14% 18%
Percent Attempt 12 or more Units	More CTE DSPTS students are attempting a full course load (+6%).	Fall 2022:	42%	36%
Earned Similar Units Attempted (Fall 2022)	50% or less of CTE students that attempted 6+ units, earned a similar amount of units attempted.	3-5.9 Units: 6-8.9 Units: 9-11.9 Units: 12+ Units:	74% 50% 43% 33%	71% 48% 37% 38%
Number of CTE Enrollments (Past Census)	CTE DSPTS students are 4.3% of CTE enrollments past census.	Fall 2022:	1,121	26,086
Percent of CTE Enrollments that go past census	CTE DSPTS students enrolled in Fall continue past census at higher rates (+7%).	Fall 2022:	80%	73%
Completion Rate (Average)	CTE DSPTS students have a slightly lower completion rate (-2%). *	Fall 2022:	88%	90%
Success Rate (Average)	CTE DSPTS students have a slightly lower success rate (-1%). *	Fall 2022:	77%	78%
GPA (Average)	CTE DSPTS grade point average is slightly lower (-.05). *	Fall 2022:	2.97	3.02

*please review outcomes disaggregated by primary disability in the dashboard. Completion: 71%-100%, Success: 58%-100%, GPA: 2.49-3.28.

Tables 3 & 4 Key Findings:

- Both CTE DSPS and All CTE students have Business, Child Development and, Computer and Information sciences as three of their most enrolled CTE subjects.
- Top CTE enrollments vary greatly by DSPS primary disability. 18% of Mental Health Disability enrollments were in Nursing Education. Enrollments vary greatly by primary disability, please observe in 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
Three of the top five most enrolled subjects are similar.	Business: Child Development: Nursing Education: Comp. and Info. Sciences: Art-Graphic Design:	110 97 77 63 48	Business: Administration of Justice: Accounting: Child Development: Comp. and Info. Sciences:	3,052 2,425 1,798 1,790 1,709

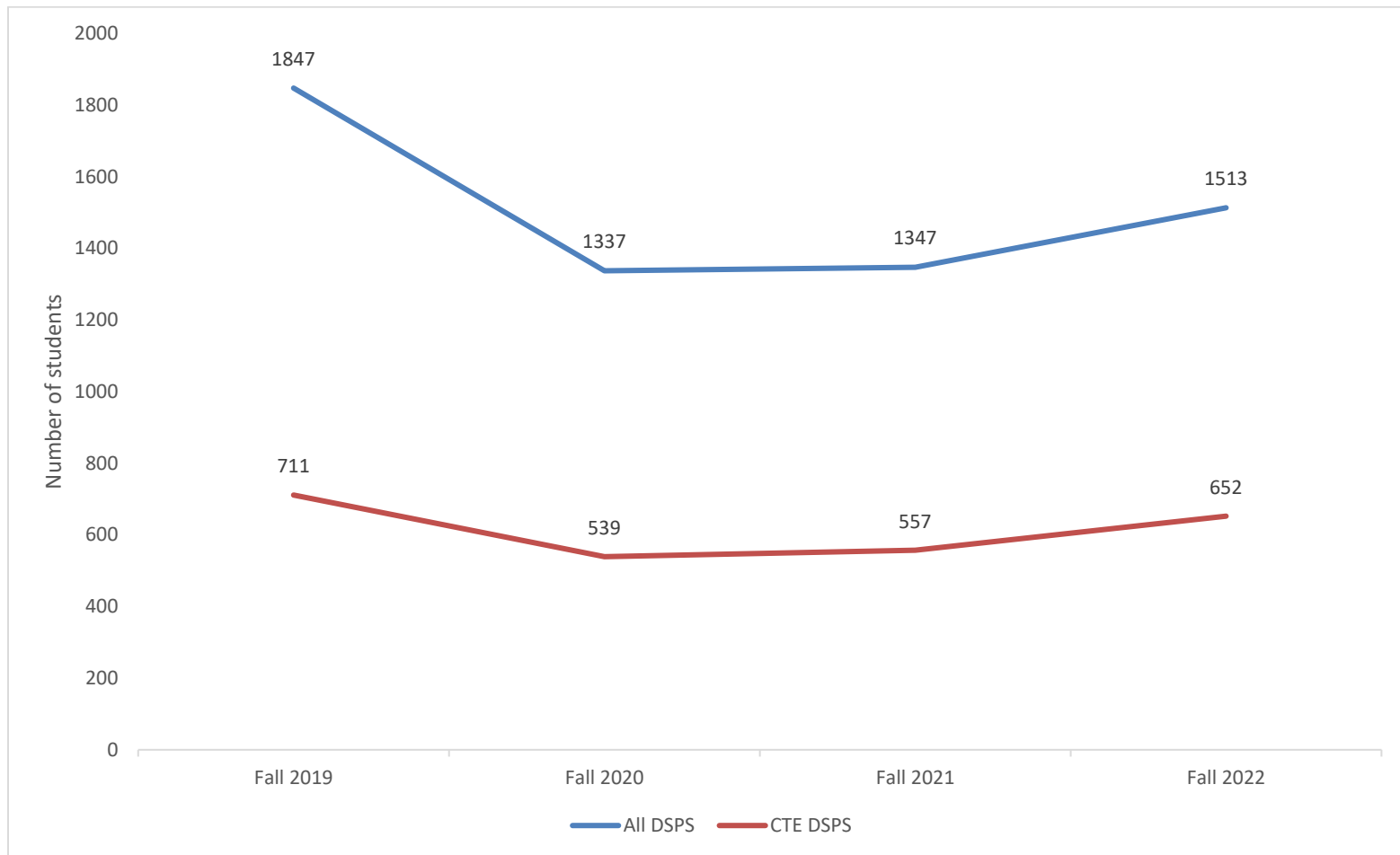
Table 4. CTE DSPS – Top CTE Subject Enrolled by Primary Disability

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 varies greatly. The dashboard is recommended for further exploration.	Acquired Brain Injury: Paralegal	6	19%
	ADHD: Art-Graphic Design/ Business/ Comp. and Info. Sci.	13	8%
	Autism: Multimedia	12	12%
	Deaf and Hard Hearing: Accounting	4	22%
	Intellectual Disability: Dental Assisting	9	50%
	Learning Disability: Child Development	25	14%
	Mental Health Disability: Nursing Education	61	18%
	Mobility Impaired: Alcohol and Other Drug Studies	12	20%
	Visually Impaired: Business	5	24%
	Other: Child Development	22	14%
Multiple Prime Dis.: Comp. Info. Science / Human Services	4	17%	

Graph 1 Key Findings:

- In Fall 2022 the percent of DSPS decreased 18% from Fall 2019 but increased 12% from Fall 2021.
- In Fall 2022 the percent of CTE DSPS students decreased 8% from Fall 2019 but increase 17% from Fall 2021.
- The percent of CTE DSPS students of all DSPS has been between 38-43%

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



Looking Across the Reports – Fall 2022 compared to Fall 2021

Table 1 compared with Fall 2021	
Fall 2022 Key Findings	Fall 2021 – Fall 2022 Comparison
43% of DSPS students are enrolled in CTE-related coursework (652/1513).	Increased from 41% in Fall 2021 (557/1347).
There is a similar proportion of CTE students receiving DSPS services compare to the general student population (4% in both groups).	No changes from Fall 2021.
CTE DSPS students' largest primary disability is Mental Health Disability (29%).	No changes from Fall 2021.
The percentage of students receiving services for each disability is fairly similar between the CTE DSPS and All DSPS student populations.	No changes from Fall 2021.
CTE DSPS students have a slightly larger African American representation (10%) than all DSPS students (9%).	This difference continued from Fall 2021.
CTE DSPS students have a somewhat smaller representation of Latinx students (36%), compared to All DSPS students (39%).	This difference continued from Fall 2021.

Table 2 compared with Fall 2021	
Fall 2022 Key Findings	Fall 2021 – Fall 2022 Comparison
The female representation of CTE DSPS students (60%) is bigger than the female representation of all CTE students (48%).	A small increase from Fall 2021 (56%).
CTE DSPS students have a bigger proportion of African American (10%) than all CTE students (7%).	This difference is similar to Fall 2021 (10% and 6% respectively).
CTE DSPS students have a smaller proportion of Latinx students (36%) than all CTE students (39%).	However, the representation of Latinx students in the CTE DSPS group increased from 34% in Fall 2021 to 36% in Fall 2022.

Table 2 compared with Fall 2021 (cont.)	
Fall 2022 Key Findings	Fall 2021 – Fall 2022 Comparison
48% of the CTE DSPS students are between 18-24 years old, compare to 47% of all CTE students.	There is a decrease in the proportion of CTE DSPS students ages 18-24 compared to Fall 2021 (from 52% to 48%).
Over half of CTE DSPS students are degree seekers (57%) compared to all CTE students (48%).	The proportion is similar in Fall 2021 (56% and 48% respectively).
The proportion of students attempting a full academic load (12+ units) is bigger in the CTE DSP students (42%) compare to all CTE students (35%).	Similar to Fall 2021 (40% and 35% respectively).
CTE DSPS and All CTE students had over 70% of CTE enrollments go past census, (80% and 73% respectively).	Similar to Fall 2021 (77% and 75% respectively)
CTE DSPS students had lower completion (↓2%), success (↓1%) rates, and GPA (-.05) than the non-DSPS CTE students.	It's a change from Fall 2021 when CTE DSPS students had a higher success rate (79% vs 78%) and higher average GPA (3.12 vs 3.04) compared to all CTE students.

Tables 3 and 4 compared with Fall 2021	
Fall 2022 Key Findings	Fall 2021 – Fall 2022 Comparison
“Business”, “Child Development”, and “Computer and Information sciences” are among the Top 5 most enrolled subjects in both groups.	No change from Fall 2021.
The greatest number of enrollments by primary disability was in Nursing Education by students with Mental Health Disability.	Changed from Fall 2021 when the number of enrollments by primary disability was higher in Child Development by students with Learning Disability.
Enrollments vary greatly by primary disability.	No change from Fall 2021.