



Fall 2021 Credit Colleges CTE DSPS Summary

June 28, 2022

Context

Below is a summary of related Fall 2021 CTE and DSPS data for San Diego's Credit Colleges from the SDCCD Office of Institutional Effectiveness and Research's [2021-2022 DSPS Dashboard](#). Data was extracted from SDCCD's Institutional Research Datamart on 5/20/2022.

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.

Table 1 Key Findings:

- 41% 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 (26%). The percentage of students receiving services for each disability is fairly similar between the CTE DSPS and All DSPS student populations.
- CTE DSPS has slightly greater African American (+2%) and slightly lower Latinx (-3%) representation.

Table 1. Overall CTE DSPS and DSPS Student Population

DSPS Student Populations				
Metric	Observation		CTE DSPS Students	All DSPS Students
DSPS Headcount	41% of DSPS students are enrolled in CTE-related coursework.	Fall 2021:	557	1,347
Percent receive DSPS services of Respective Student Population	Similar rates of students receiving DSPS services.	Fall 2021:	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% 2% 19% 26% 5% 3% 12% 3%	2% 15% 11% 2% 1% 19% 28% 5% 2% 12% 3%
Percent of DSPS students by Ethnicity	There is slightly greater African American and slightly fewer Latinx CTE DSPS representation than the overall DSPS student population.	African American: Asian: Filipino: Latinx: Multi-Ethnicity: White:	10% 7% 3% 34% 10% 34%	8% 7% 3% 37% 9% 34%

Table 2 Key Findings:

- There is more female CTE DSPS representation (56%) than All CTE students (48%).
- CTE DSPS had greater African American representation (+4%) and lower Latinx representation (-4%) than All CTE students.
- CTE DSPS student population has more students 50 and older. Few are under 18.
- Over half of CTE DSPS students are degree seekers and 40% attempted full academic loads (12+ units).
- Both DSPS and All CTE students had 75-77% of CTE enrollments go past census, meaning 23-25% of enrollments did not.
- CTE DSPS students had lower completion rates (-2%) but higher success rates (+1%) and GPA (+.08) than the non-DSPS CTE students. However, outcomes vary 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 (+8%).	Fall 2021:	56%	48%
Percent of CTE students by Ethnicity (Fall 2021)	The CTE DSPS student population has more African American (+4%) and fewer Latinx (-4%) than the general CTE student population.	African American: Asian: Filipino: Latinx: Multi-Ethnicity: White:	10% 7% 3% 34% 10% 34%	6% 9% 4% 38% 6% 32%
Age Group of CTE students (Fall 2021)	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:	1% 52% 14% 11% 6% 7% 10%	5% 46% 16% 11% 8% 8% 6%
Previous Education of CTE students (Fall 2021)	CTE DSPS students have fewer bachelor's degrees (7% vs. 15%).	High School Associate Degree Bachelor's or Higher:	70% 5% 7%	57% 5% 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 2021)	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:	10% 46% 11% 22%	8% 40% 14% 19%
Percent Attempt 12 or more Units	More CTE DSPTS students are attempting a full course load (+5%).	Fall 2021:	40%	35%
Earned Similar Units Attempted (Fall 2021)	Less than 50% 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:	80% 44% 39% 36%	72% 46% 39% 38%
Number of CTE Enrollments (Past Census)	CTE DSPTS students are 3.5% of CTE enrollments past census.	Fall 2021:	967	27,385
Percent of CTE Enrollments that go past census	CTE DSPTS students enrolled in Fall continue past census at similar rates (+2%).	Fall 2021:	77%	75%
Completion Rate (Average)	CTE DSPTS students have a slightly lower completion rate (-2%). *	Fall 2021:	88%	90%
Success Rate (Average)	CTE DSPTS students have a slightly higher success rate (+1%). *	Fall 2021:	79%	78%
GPA (Average)	CTE DSPTS grade point average is slightly higher (+.08). *	Fall 2021:	3.12	3.04

*please review outcomes disaggregated by primary disability in the dashboard. Completion: 79%-97%, Success: 75%-84%, GPA: 2.84-3.48.

Tables 3 & 4 Key Findings:

- CTE DSPS and All CTE students most enrolled subjects are similar: Business, Child Development, Computer and Information Science, Accounting.
- Top CTE enrollments vary greatly by DSPS primary disability. 29% of enrollments for students receiving services for Intellectual Disability were in Child Development. The dashboard provides more in-depth exploration of enrollment by subject.

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
Four of the top five most enrolled subjects are similar.	Business:	79	Administration of Justice:	3,256
	Child Development:	78	Business:	3,064
	Computer and Information Sci.:	62	Accounting:	1,852
	Accounting:	45	Child Development:	1,787
	Medical Assisting:	42	Computer and Information Sci.:	1,654

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:	Auto. Tech.; Comp. and Info. Sci.	3	16%
	ADHD:	Computer and Information Science	12	9%
	Autism:	Multimedia	12	12%
	Deaf and Hard Hearing:	Accounting; Architecture	3	13%
	Intellectual Disability:	Child Development	5	29%
	Learning Disability:	Child Development	26	17%
	Mental Health Disability:	Nurs. Ed.; Business; Vet. Tech.	22	8%
	Mobility Impaired:	Business	7	15%
	Visually Impaired:	Acct.; Child Dev; Hlth Info. Tec.; Bus.	3	14%
	Other:	Health Information Technology	17	53%
Multiple Prime Disabilities:	Computer and Information Science	6	5%	