



2022-23 City College CTE DSPS Summary

March 3, 2023

Context

Below is a summary of related Fall 2022 CTE and DSPS data for the San Diego City College 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 City College **and received DSPS services** that term.

All DSPS students – enrolled in at least **one course** at City College **and received DSPS services** that term.

All CTE students – enrolled in at least **one CTE-related course** at City College.

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:

- 38% 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 (38%). The percentage of students receiving services for each disability is fairly similar between the CTE DSPS and All DSPS student populations.
- CTE DSPS has lower Latinx representation than the DSPS student population (38% vs. 43%)

Table 1. Overall CTE DSPS and DSPS Student Population

DSPS Student Populations				
Metric	Observation		CTE DSPS Students	All DSPS Students
DSPS Headcount	38% of DSPS students are enrolled in CTE-related coursework.	Fall 2022:	234	610
Percent receive DSPS services of Respective Student Population	Similar rates of students receiving DSPS services.	Fall 2022:	5% of CTE students	5% of All students
Percent of DSPS students by Primary Disability	The largest primary disability is Mental Health. The CTE DSPS student population is fairly 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:	1% 15% 9% 1% 2% 12% 38% 7% 3% 9% 3%	1% 14% 10% 1% 2% 17% 35% 5% 2% 9% 3%
Percent of DSPS students by Ethnicity	There is less Latinx CTE DSPS representation than the overall DSPS student population (-5%)	African American: Asian: Filipino: Latinx: Multi-Ethnicity: White:	13% 6% 2% 38% 9% 28%	12% 5% 3% 43% 8% 28%

Table 2 Key Findings:

- There are more female CTE DSPS students (58%) than CTE students (50%).
- CTE DSPS had greater African American representation (+4%) and lower Latinx representation (-9%) than All CTE students.
- CTE DSPS student population is older.
- Over half of CTE DSPS students are degree seekers and a quarter attempted full academic loads (12+ units).
- CTE DSPS and All CTE students had a higher rate of CTE enrollments go past census (79% v 75%).
- CTE DSPS students had higher completion (+2%) and success (+4%) rates than the non-DSPS CTE students but CTE DSPS student GPA was slightly lower (-.03). 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)	Higher rates of female students receiving DSPS services than CTE student population.	Fall 2022:	58%	50%
Percent of CTE students by Ethnicity (Fall 2022)	The CTE DSPS student population has fewer Latinx (-9%) representation and more African-American (+4%) representation than the general CTE student population.	African American: Asian: Filipino: Latinx: Multi-Ethnicity: White:	13% 6% 2% 38% 9% 28%	9% 7% 4% 47% 6% 25%
Age Group of CTE students (Fall 2022)	CTE DSPS student population is in general older and has more students 40 and older.	Under 18: 18-24: 25-29: 30-34: 35-39: 40-49: 50 and Older:	1% 38% 16% 13% 6% 12% 13%	3% 47% 17% 12% 7% 8% 6%
Previous Education of CTE students (Fall 2022)	CTE DSPS students have fewer bachelor's degrees (8% vs. 10%).	High School Associate Degree Bachelor's or Higher:	70% 10% 8%	72% 5% 10%

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 Bachelor's. Over half are degree seeking (AA/AS or BA/BS).	Associates (no Transfer): Bachelor's Degree: Career Prep/Vocational: Undecided/Unreported:	15% 45% 12% 18%	9% 43% 15% 18%
Percent Attempt 12 or more Units	Higher rates of CTE DSPTS students attempting 12 or more units.	Fall 2022:	24%	20%
Earned Similar Units Attempted (Fall 2022)	CTE DSPTS students that attempted under 6 units at City had the highest % earning them. They also had a high percentage attempting and earning 9-11.9 units (69%).	3-5.9 Units: 6-8.9 Units: 9-11.9 Units: 12+ Units:	83% 66% 69% 54%	76% 61% 58% 54%
Number of CTE Enrollments (Past Census)	CTE DSPTS students are 5.7% of CTE enrollments past census.	Fall 2022:	364	6341
Percent of CTE Enrollments that go past census	CTE DSPTS students enrolled in Fall continue past census at higher rates (+4%).	Fall 2022:	79%	75%
Completion Rate (Average)	CTE DSPTS students have slightly higher completion rates (+2%).*	Fall 2022:	90%	88%
Success Rate (Average)	CTE DSPTS students have higher success rates (+4%).*	Fall 2022:	78%	74%
GPA (Average)	CTE DSPTS grade point average is slightly lower (-.03).*	Fall 2022:	3.00	3.03

*please review outcomes disaggregated by primary disability in the dashboard. Completion: 50%-100%, Success: 50%-100%, GPA: 2.32-4.00.

Tables 3 & 4 Key Findings:

- Both CTE DSPS and All CTE students have Art-Graphic Design, Business and Radio, Television and Film as three of their most enrolled CTE subjects.
- Top CTE enrollments vary greatly by DSPS primary disability. 39% 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.	Nursing Education:	77	Art-Graphic Design:	715
	Art-Graphic Design:	45	Business:	648
	Radio, Television and Film:	35	Child Development:	455
	Alcohol and Other Drug Stud.:	32	Radio, Television and Film:	455
	Business:	29	Computer and Info. Sciences:	439

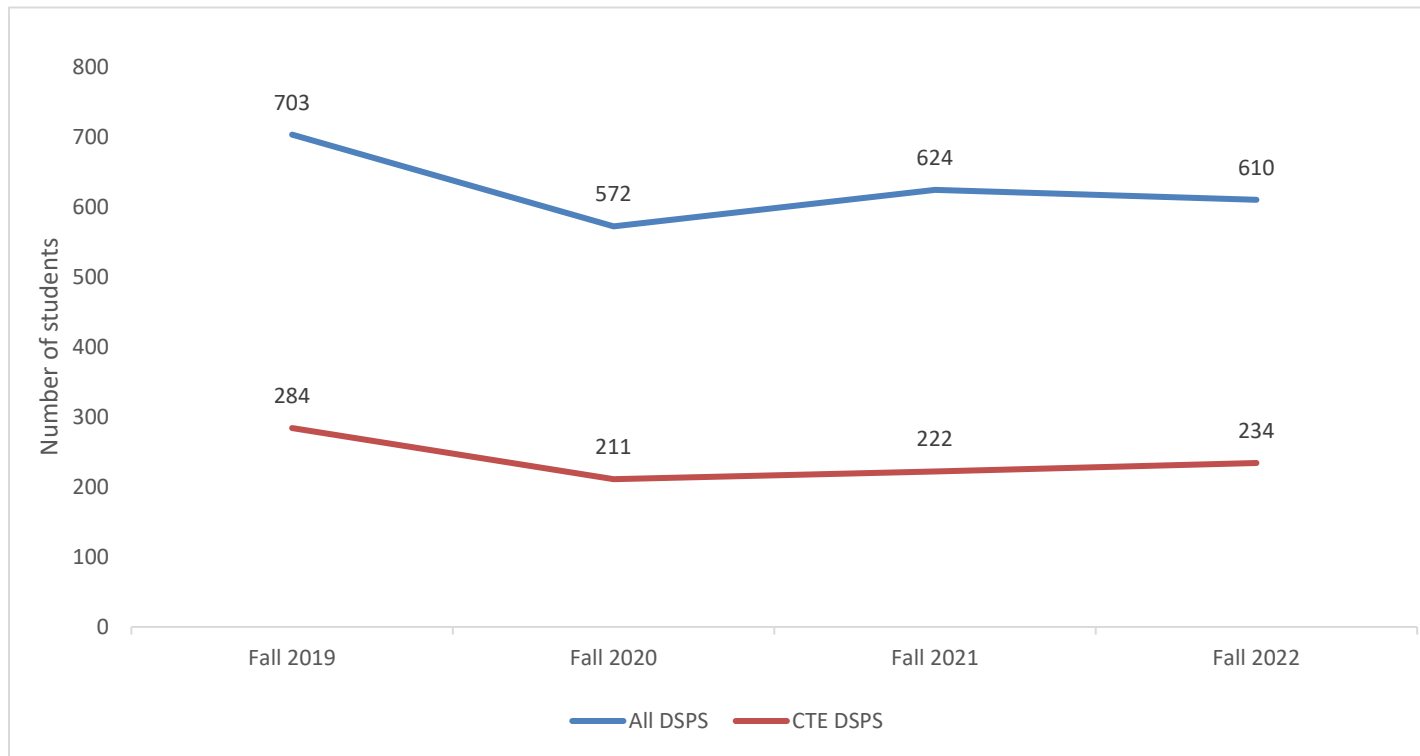
Table 4. CTE DSPS – Top CTE Subject Enrolled by Primary Disability

CTE Student Populations			
Observation	Primary Disability and CTE Subject	# of Enrollments by Primary Disability	% of Primary Disabilities' CTE Enrollments
CTE subjects studies by each primary disability student population varies greatly. The dashboard is recommended for further exploration.	Acquired Brain Injury: Comp. Info. Sci. / Radio, Tele. and Film	1	50%
	ADHD: Art- Graphic Design	11	21%
	Autism: Art- Graphic Design	9	39%
	Deaf and Hard Hearing: Accounting/ Radio, Television and Film	1	50%
	Intellectual Disability: Art-Graphic Design/ Child Dev./ Computer	1	20%
	Business Technology/ Nutrition/ Radio, Television and Film	10	24%
	Learning Disability: Art- Graphic Design	61	39%
	Mental Health Disability: Nursing Education	12	44%
	Mobility Impaired: Alcohol and Other Drug Studies	3	38%
	Visually Impaired: Business/ Child development	6	17%
	Other: Air Cond. Refri., Envir. Cont. Tech/ Nursing Education	4	33%
Multiple Prime Disabilities: Human Services			

Graph 1 Key Findings:

- In Fall 2022 the percent of DSPS students decreased 13% from Fall 2019 and decreased 2% from Fall 2021.
- In Fall 2022 the percent of CTE DSPS students decreased 18% from Fall 2019 but increased 5% from Fall 2021.
- The percent of CTE DSPS students of all DSPS students has been between 36-40%

Fall 2019: 40%; Fall 2020: 37%; Fall 2021: 36%; Fall 2022: 38%



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
38% of DSPS students are enrolled in CTE-related coursework (234/610).	It's an increase from 36% in Fall 2021 (222/624).
A similar number of CTE students receive DSPS as the general student population (5%).	No change from Fall 2021.
CTE DSPS students' largest primary disability is Mental Health Disability (38%).	It's an increase from Fall 2021. The CTE DSPS students' largest primary disability was Mental Health Disability also, but it represented 32% of the students.
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 has a lower Latinx representation than the DSPS student population (38% vs. 43%).	No change from Fall 2021.

Table 2 compared with Fall 2021	
Fall 2022 Key Findings	Fall 2021 – Fall 2022 Comparison
There is more female representation in the CTE DSPS students (58%) than in CTE students (50%).	It's an increase from Fall 2021 when there was less female representation in the CTE DSPS students (51%) than in CTE students (52%).
CTE DSPS had greater African American representation (↑4%) and lower Latinx representation (↓9%) than All CTE students.	These differences are similar to the ones in Fall 2021 about African American representation (↑2%) and Latinx representation (↓6%).
13% of the CTE DSPS students are 50 years or older, compared to 6% of All CTE students.	A minor change from Fall 2021 (15% vs 5%).

Table 2 compared with Fall 2021 (<i>cont.</i>)	
Fall 2022 Key Findings	Fall 2021 – Fall 2022 Comparison
Over half of CTE DSPS students are degree seekers and 24% attempted full academic loads (12+ units).	The percentage of students attempting a full academic load increased from Fall 2021 (20 to 24%). The proportion of degree seeker students remains fairly similar.
CTE DSPS and All CTE students had a higher rate of CTE enrollments go past census (79% v 75%).	Similar to Fall 2021 (75% and 74% respectively).
CTE DSPS students had higher completion (↑2%) and success (↓4%) rates than non-DSPS CTE students.	No change from Fall 2021.
CTE DSPS student GPA was slightly lower (↓.03).	The average GPA of CTE DSPS students is similar to Fall 2021 (2.99 to 3.00), and the .03 difference with all CTE students remained .

Tables 3 and 4 compared with Fall 2021	
Fall 2022 Key Findings	Fall 2021 – Fall 2022 Comparison
Both CTE DSPS and All CTE students have “Art-Graphic Design”, “Business” and “Radio, Television and Film” as three of their most enrolled CTE subjects.	Change from Fall 2021, when “Radio, Television and Film” wasn’t in the Top 5 careers for CTE DSPS students.
Top CTE enrollments vary greatly by DSPS primary disability.	No change from Fall 2021.
39% of Mental Health Disability enrollments were in Nursing Education.	It’s an increase from Fall 2021, from 19% to 39% .