



2022-23 Miramar College CTE DSPS Summary

March 3, 2023

Context

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

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

All CTE students – enrolled in at least **one CTE-related course** at Miramar 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:

- 33% 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 (3%-4%).
- CTE DSPS students' largest primary disability is Mental Health Disability (25%) followed by Learning Disability (23%).
- CTE DSPS has a higher white (+4%) representation than the 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	33% of DSPS students are enrolled in CTE-related coursework.	Fall 2022:	166	512
Percent receive DSPS services of Respective Student Population	Similar rates of students receiving DSPS services.	Fall 2022:	3% of CTE students	4% of All students
Percent of DSPS students by Primary Disability	The largest primary disability is Mental Health Disability. The CTE DSPS student population has slightly more representation of Learning Disability (+4%), and less representation of ADHD (-6%).	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% 13% 15% 2% 1% 23% 25% 4% 1% 13% 1%	1% 19% 14% 2% 1% 19% 27% 4% 1% 10% 3%
Percent of DSPS students by Ethnicity	CTE DSPS has a greater white (+4%) representation than the overall DSPS student population.	African American: Asian: Filipino: Latinx: Multi-Ethnicity: White:	8% 10% 2% 33% 5% 40%	7% 10% 4% 33% 7% 36%

Table 2 Key Findings:

- There are more female CTE DSPS students (50%) than CTE students (38%).
- CTE DSPS had similar ethnic representation than All CTE students.
- CTE DSPS population is very concentrated between the 18-24 age group. There is little representation of under 18 .
- Over half of CTE DSPS students are degree seekers and a quarter attempted full academic loads (12+ units).
- CTE DSPS had a higher percentage of CTE enrollments go past census, 77% v 69%.
- CTE DSPS students had lower completion (-3%) and success (-6%) rates than the non-DSPS CTE students but CTE DSPS student GPA was higher (+.83). 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:	50%	38%
Percent of CTE students by Ethnicity (Fall 2022)	CTE DSPS student population has similar rates compared to the overall CTE student population.	African American: Asian: Filipino: Latinx: Multi-Ethnicity: White:	8% 10% 2% 33% 5% 40%	5% 11% 5% 33% 6% 37%
Age Group of CTE students (Fall 2022)	Half of CTE DSPS students are 18-24 and has less representation of nearly every other age group than the overall CTE student population, especially under 18 individuals.	Under 18: 18-24: 25-29: 30-34: 35-39: 40-49: 50 and Older:	2% 54% 13% 13% 4% 6% 8%	8% 38% 15% 12% 9% 11% 8%
Previous Education of CTE students (Fall 2022)	CTE DSPS students have fewer bachelor's degrees (4% vs. 22%).	High School Associate Degree Bachelor's or Higher:	78% 4% 5%	58% 6% 20%

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)	Nearly 50% of CTE DSPTS students are seeking a bachelor's while the overall CTE student population is 32%.	Associates (no Transfer): Bachelor's Degree: Career Prep/Vocational: Undecided/Unreported:	11% 47% 16% 15%	7% 32% 16% 20%
Percent Attempt 12 or more Units	More CTE DSPTS students attempted a full course load (+10%).	Fall 2022:	25%	15%
Earned Similar Units Attempted (Fall 2022)	CTE DSPTS students earning units attempted at Miramar are highest when it is few units (under 6) .	3-5.9 Units: 6-8.9 Units: 9-11.9 Units: 12+ Units:	81% 51% 59% 58%	76% 68% 62% 67%
Number of CTE Enrollments (Past Census)	CTE DSPTS students are 2.9% of CTE enrollments past census.	Fall 2022:	268	9,292
Percent of CTE Enrollments that go past census	CTE DSPTS students continue past census at slightly higher rates (+8%).	Fall 2022:	77%	69%
Completion Rate (Average)	CTE DSPTS students have lower completion rates (-3%).*	Fall 2022:	88%	92%
Success Rate (Average)	CTE DSPTS students have lower success rates (-6%).*	Fall 2022:	77%	83%
GPA (Average)	CTE DSPTS grade point average is higher (+.83).*	Fall 2022:	2.85	2.02

*please review outcomes disaggregated by primary disability in the dashboard. Completion: 0%-100%, Success: 0%-100%, GPA: 0.00-3.13.

Tables 3 & 4 Key Findings:

- Both CTE DSPS and All CTE students have Child Development, Business, and Administration of Justice as three of their most enrolled CTE subjects.
- Top CTE enrollments vary greatly by DSPS primary disability. 15% of Mental Health Disability enrollments were in Business and Child development. 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.	Child Development: Business: Computer Business Tech.: Paralegal: Adm. of Just.; Auto. Tech.:	37 33 26 26 18	Administration of Justice: Business: Fire Protection Technology: Child Development: Accounting:	2,425 1,162 1,014 742 585

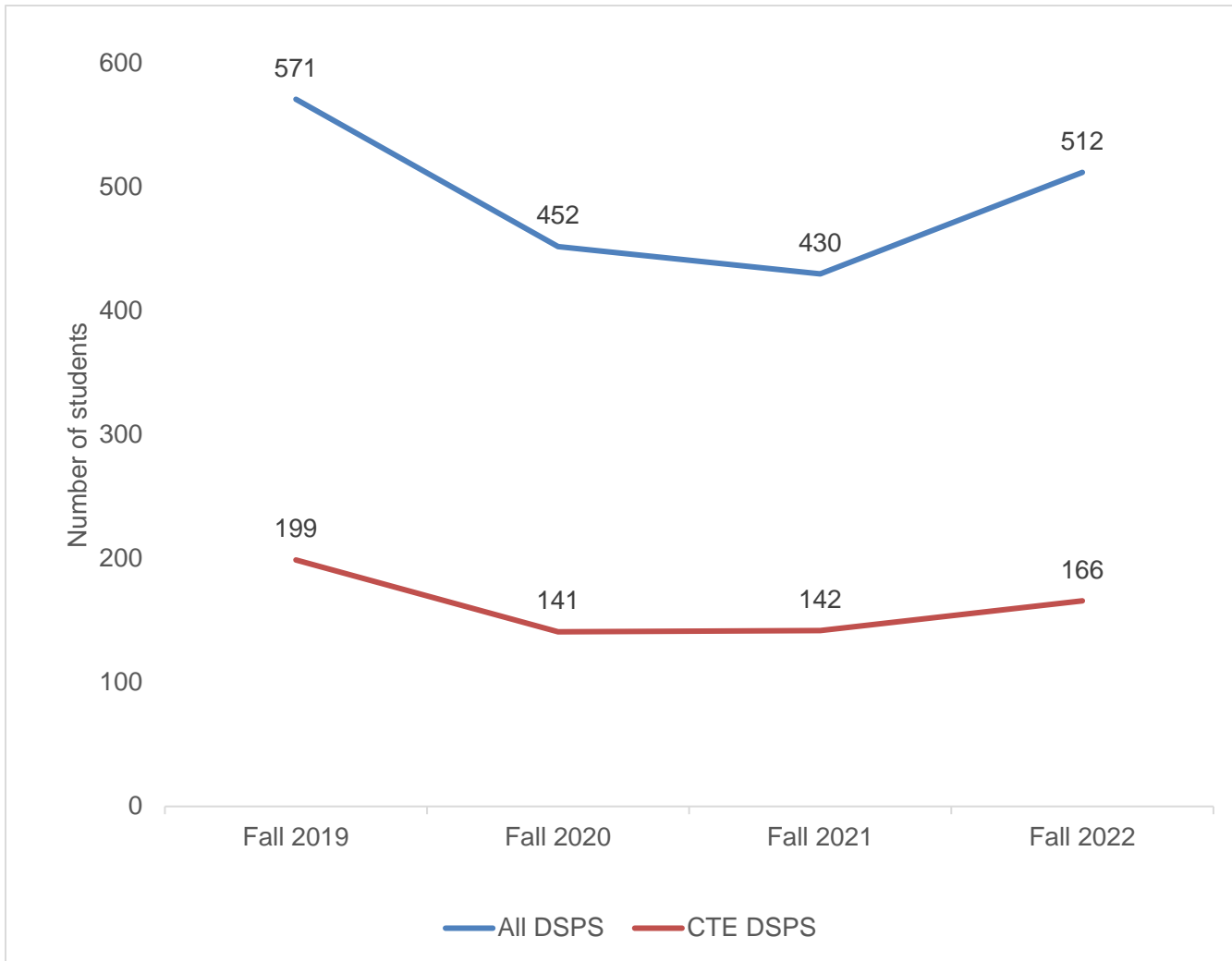
Table 4. CTE DSPS – Top CTE Subject Enrolled by Primary Disability

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	50%
	ADHD: Diesel Technology/ Fire Protection Technology	7	17%
	Autism: Computer Business technology	9	23%
	Deaf and Hard Hearing: Accounting	3	30%
	Intellectual Disability: Administration of Justice	2	67%
	Learning Disability: Child Development	9	16%
	Mental Health Disability: Business/ Child Development	10	15%
	Mobility Impaired: Bank. and Fin./ Bus./ Comp. and Info. Tech.	2	22%
	Visually Impaired: Business	1	100%
	Other: Child Development	12	43%
Multiple Prime Disabilities: Exercise Science/ Paralegal	1	50%	

Graph 1 Key Findings:

- In Fall 2022 the percent of DSPS students decreased 10% from Fall 2019 but increased 19% from Fall 2021.
- In Fall 2022 the percent of CTE DSPS students decreased 17% from Fall 2019 but increased 17% from Fall 2021.
- The percent of CTE DSPS students of all DSPS students has been between 31-35%

Fall 2019: 35%; Fall 2020: 31%; Fall 2021: 33%; Fall 2022: 32%



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
33% of DSPS students are enrolled in CTE-related coursework (166/512).	No change from Fall 2021 (142/430).
There is a similar proportion of CTE students receiving DSPS as the general student population (3%-4% respectively).	It's an increase from Fall 2021 when CTE students receiving DSPS were 2% and DSPS students from the general population were 3%.
CTE DSPS students' largest primary disability is Mental Health Disability (25%) followed by Learning Disability (23%). CTE DSPS students have a slightly more representation of Learning Disability (↑4%).	In Fall 2021 CTE DSPS students' largest primary disability was Learning Disability (24%), followed by Mental Health Disability (20%). Similar to Fall 2021 (↑3%).
CTE DSPS has a higher white (↑4%) representation than the DSPS student population. Asian representation is the same in both groups (10%).	No change from Fall 2021. It's an increase from Fall 2021 when Asian representation in CTE DSPS students was 7%.

Table 2 compared with Fall 2021	
Fall 2022 Key Findings	Fall 2021 – Fall 2022 Comparison
There are more female CTE DSPS students (50%) than CTE students (38%).	Similar to Fall 2021 (52% vs 39% respectively).
There is more African American and White representation (both ↑3%) in the CTE DSPS students than in All CTE students' population. Latinx students represent 33% of CTE DSPS students.	Similar to Fall 2021, when African American representation was 1% higher and White representation was 6% higher It increased from 26% in Fall 2021 .

Table 2 compared with Fall 2021 (cont.)	
Fall 2022 Key Findings	Fall 2021 – Fall 2022 Comparison
CTE DSPS population is concentrated between the 18-24 age group (54%). There is little representation of those under 18 (2%).	The proportion decreased from Fall 2021 when 64% had between 18-24 years of age. Slight increase in people under 18 from Fall 2021 (0% to 2%).
Over half of CTE DSPS students are degree seekers (58%) and a quarter attempted full academic loads (12+ units).	Degree seekers in the CTE DSPS population decreased from 62% in Fall 2021 to 58% in Fall 2022. However, people attempting full academic load went up from 21% to 25%.
CTE DSPS had a higher percentage of CTE enrollments go past census, 77% v 69%.	Similar to Fall 2021 (75% vs 72% respectively).
CTE DSPS students had lower completion (↓3%) and success (↓6%) rates than non-DSPS CTE students.	A slight change from Fall 2021 (↓4% and ↓4% respectively).
CTE DSPS students' average GPA was higher (2.85) than All CTE students (2.02).	The average GPA of CTE DSPS students decreased from Fall 2021 (2.99 to 2.85). However, in Fall 2021, All CTE students had a higher GPA (3.10) than CTE DSPS students.

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 “Child Development”, “Business”, and “Administration of Justice” as three of their most enrolled CTE subjects.	Similar to Fall 2021.
Enrollments vary greatly by primary disability.	Similar to Fall 2021.
15% of Mental Health Disability enrollments were in “Business” and “Child development”.	Change from Fall 2021, when 17% of Mental Disability enrollments were on “Child Development” and “Accounting”.