



# CTE Employment Outcomes Survey

## Data Briefing

September 13, 2021

### Context

The California Community Colleges CTE Employment Outcomes Survey (CTEOS) is an annual survey of CTE students who earned a certificate, vocational degree, or 9+ CTE units and who stopped enrolling at the institution. The survey is conducted at community colleges across the state, and SDCCD has participated since the survey became a statewide initiative nearly ten years ago.

Between 2,000 and 3,400 students from SDCCD responded to the survey each year, with response rates between 22% and 36%. See Tables 3, 4, and 5 in the appendix for sample, respondent, and response rate detail.

This briefing compiles the last three years of data for all institutions of the San Diego Community College District. The purpose is to provide a broad picture of the employment outcomes of SDCCD students.

### Highlights

- 1. Employment Rate: On average, about three-quarters of CTE students from SDCCD were employed after they stopped enrolling or completed a program from 2018 to 2020. COVID-19 likely contributed to a 6% to 11% decrease in employment in 2020 compared to 2019.**

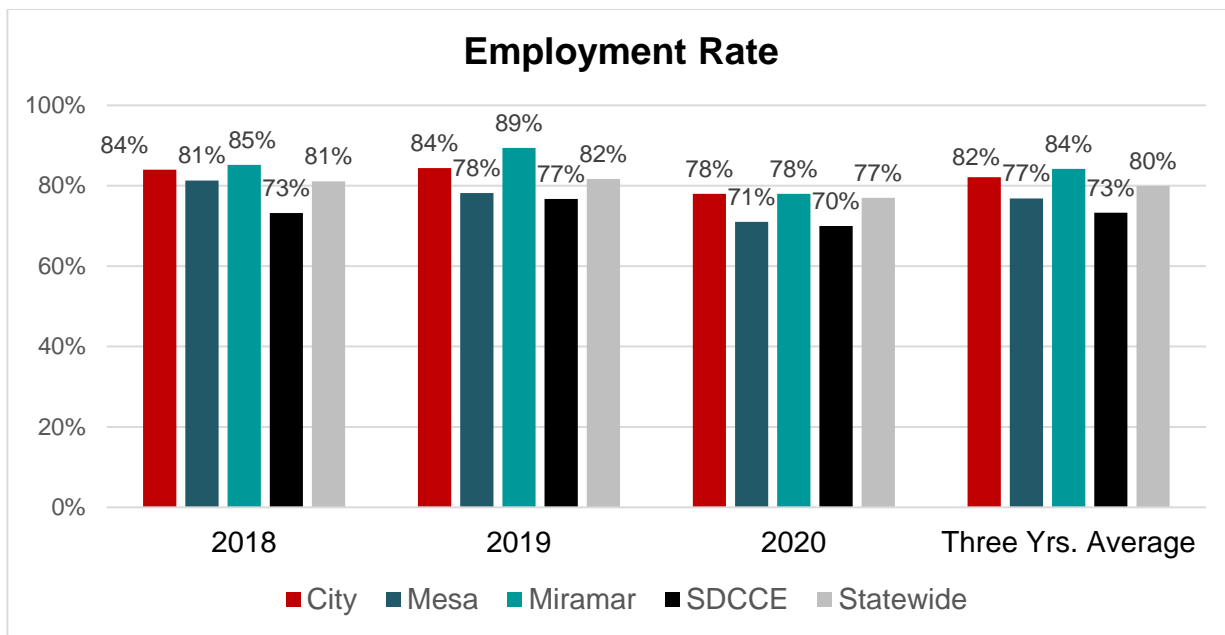
**Reported employment rates<sup>1</sup> in 2020 were between 70% and 78%, 6% to 11% lower than the prior year.**

- Students from SDCCD generally reported employment rates similar to or above the statewide average. COVID-19 may have impacted SDCCD CTE students more strongly than others across the state, as reported decreases in employment at SDCCD are larger than across the state (-5%). (See Figure 1 below and Table 6 in the appendix).
- Over the last three years, SDCCE students have reported lower rates of employment than students from the credit colleges (City/ECC: 82%, Mesa: 77%, Miramar: 84%, SDCCE: 73%). (See Figure 1 below and Table 6 in the appendix).

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<sup>1</sup> Employment rate includes those Employed at One Job, Self-Employed, and Employed at More Than One Job in the year after the student stopped enrollment or completed a program.

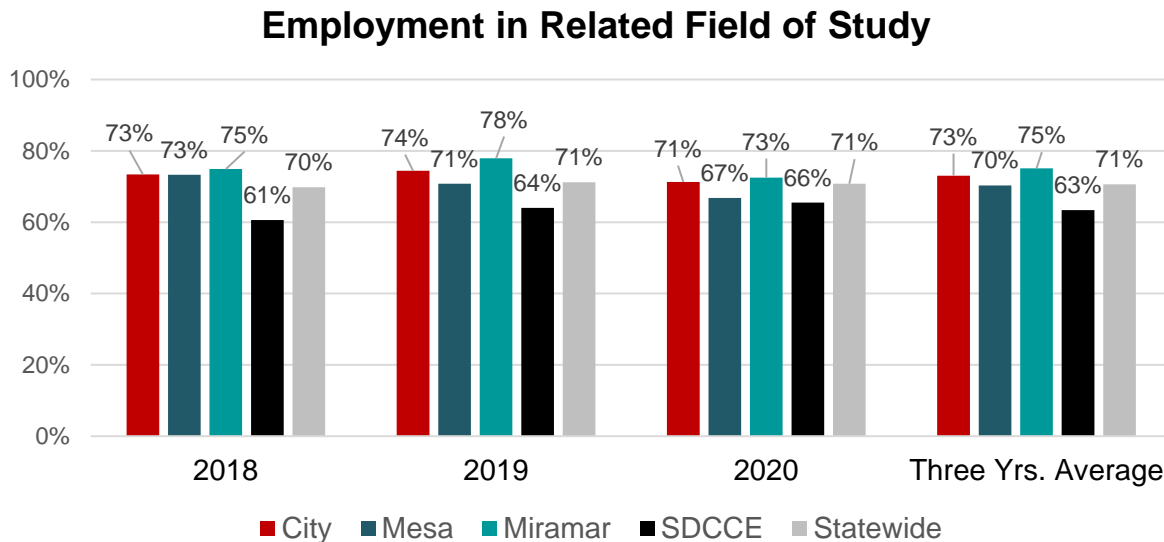
Figure 1. Employment Rate



**2. Employment in Related Field: Between 63% and 73% of respondents reported employment in a field related to their program of study.**

- About six to seven SDCCD Credit College students are employed in the field that they study. Last three years Average: (City: 73%, Mesa: 70%, Miramar: 75%, SDCCE: 63%). Statewide: 71%.
- Across the last three years, respondents from Miramar College reported higher rates of employment in related fields (75%) than the state (71%), and College of Continuing Education respondents reported lower rates (63%). (See Figure 2 below and Table 7 in the appendix).

Figure 2. Employment Rate in Related Field of Study

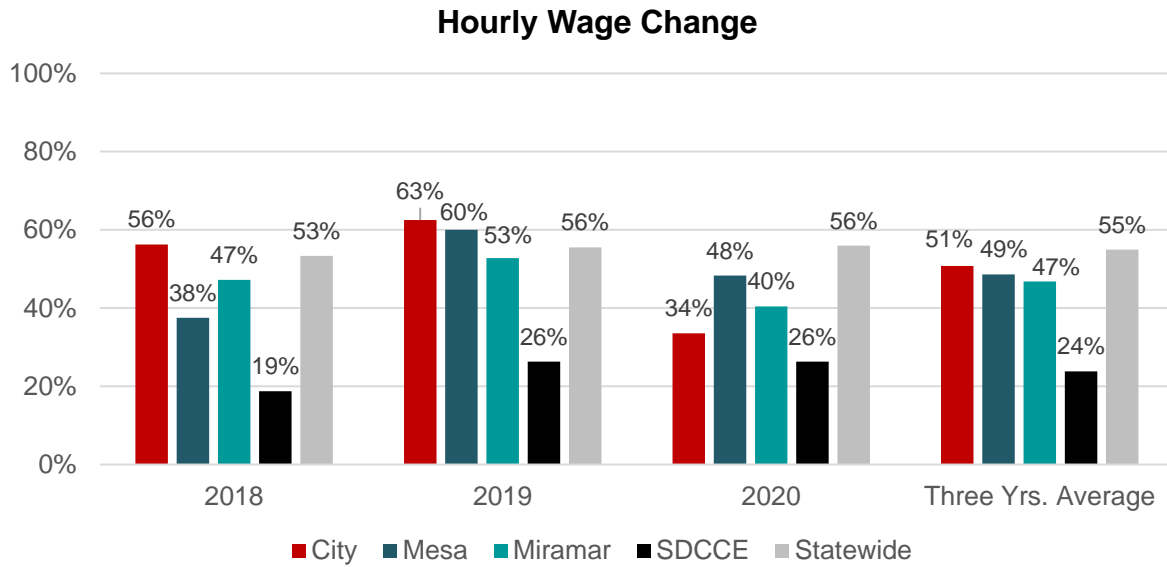


**3. Wage Growth: Across the last three years, respondents at the Credit Colleges reported hourly wage gain<sup>2</sup> of between 47% and 51%, similar to but marginally lower than the statewide average. Respondents from the College of Continuing Education reported lower hourly wage gain across the last three years (24%)**

- Similar to trends observed in reported employment rates, the difference from 2019 to 2020 is larger at the credit colleges than the statewide average (City/ECC: -29%, Mesa: -12%, Miramar: -12%). (See Figure 3 below and Table 8 in the appendix).

<sup>2</sup> Salary gains compare hourly rates before training/CTE coursework to hourly rates after stopping enrollment or program completion.

Figure 3. Hourly Wage Change Before and After Training (Percentage)



- Among respondents from the credit colleges, this growth relates to hourly wage growth in dollars between \$7.70 and \$8.59 across the last three years, which is similar to the statewide average (\$8.43). Students from the College of Continuing Education reported wage gains of \$4.58. (See Table 1 below).

Table 1. Hourly Wage Change Before and After Training (\$)

	2018	2019	2020	3-Year Average	2019-2020 Difference
City/ECC	\$ 9.00	\$ 10.00	\$ 6.04	\$ 8.35	-66%
Mesa	\$ 5.63	\$ 9.00	\$ 8.47	\$ 7.70	-6%
Miramar	\$ 8.50	\$ 9.50	\$ 7.77	\$ 8.59	-22%
SDCCE	\$ 3.75	\$ 5.00	\$ 5.00	\$ 4.58	0%
<b>Statewide</b>	<b>\$ 8.00</b>	<b>\$ 8.33</b>	<b>\$ 8.97</b>	<b>\$ 8.43</b>	<b>7%</b>

**4. Program Satisfaction: Nearly all respondents were satisfied with the education or program of study.**

- Nine out of ten students were satisfied with the education they received at City, Mesa, and Miramar Colleges, and the College of Continuing Education. (See Table 2 below).

Table 2. Percentage of Respondents Satisfied with Training

	2018	2019	2020	3-Year Average	2019-2020 Difference
City/ECC	91%	90%	91%	91%	1%
Mesa	94%	92%	93%	93%	1%
Miramar	96%	95%	96%	96%	1%
SDCCE	91%	93%	92%	92%	-1%
<b>Statewide</b>	<b>91%</b>	<b>92%</b>	<b>92%</b>	<b>92%</b>	<b>0%</b>

### Summary

1. **Employment Rate:** On average, about three-quarters of CTE students from SDCCD were employed after they stopped enrolling or completed a program from 2018 to 2020. COVID-19 likely contributed to a 6% to 11% decrease in employment in 2020 compared to 2019.
2. **Employment in the field:** Six to seven SDCCD Credit College students are employed in the field that they study. Last three years Average: (City: 73%, Mesa: 70%, Miramar: 75%, SDCCE: 63%). Statewide: 71%.
3. **Wage Growth:** Across the last three years, respondents at the Credit Colleges reported hourly wage gain of between 47% and 51%, similar to but marginally lower than the statewide average. Respondents from the College of Continuing Education reported lower hourly wage gain across the last three years (24%)
4. **Program Satisfaction:** Nearly all respondents were satisfied with the education or program of study.

Appendix:

Table 3. Survey Sample

	2018	2019	2020
City/ECC	1,401	1,512	1,466
Mesa	1,963	1,960	2,076
Miramar	1,547	1,551	1,886
SDCCE	6,420	3,818	3,312
Districtwide	11,331	8,841	8,740
<b>Statewide</b>	<b>151,404</b>	<b>153,106</b>	<b>158,566</b>

Table 4. Respondents

	2018	2019	2020
City/ECC	505	421	417
Mesa	619	502	500
Miramar	499	407	426
SDCCE	1,745	1,161	727
Districtwide	3,368	2,491	2,070
<b>Statewide</b>	<b>49,660</b>	<b>44,429</b>	<b>44,875</b>

Table 5. Response Rate

	2018	2019	2020
City/ECC	36%	28%	28%
Mesa	32%	26%	24%
Miramar	32%	26%	23%
SDCCE	27%	30%	22%
Districtwide	30%	28%	24%
<b>Statewide</b>	<b>33%</b>	<b>29%</b>	<b>28%</b>

Table 6. Employment Rate

	2018	2019	2020	3-Year Average	2019-2020 Difference
City/ECC	84%	84%	78%	82%	-6%
Mesa	81%	78%	71%	77%	-7%
Miramar	85%	89%	78%	84%	-11%
SDCCE	73%	77%	70%	73%	-7%
<b>Statewide</b>	<b>81%</b>	<b>82%</b>	<b>77%</b>	<b>80%</b>	<b>-5%</b>

Table 7. Employment Rate in Related Field of Study

	2018	2019	2020	3-Year Average	2019-2020 Difference
City/ECC	73%	74%	71%	73%	-3%
Mesa	73%	71%	67%	70%	-4%
Miramar	75%	78%	73%	75%	-5%
SDCCE	61%	64%	66%	63%	2%
<b>Statewide</b>	<b>70%</b>	<b>71%</b>	<b>71%</b>	<b>71%</b>	<b>0%</b>

Table 8. Hourly Wage Changes (Percentage)

	2018	2019	2020	3-Year Average	2019-2020 Difference
City/ECC	56%	63%	34%	51%	-29%
Mesa	38%	60%	48%	49%	-12%
Miramar	47%	53%	40%	47%	-12%
SDCCE	19%	26%	26%	24%	0%
<b>Statewide</b>	<b>53%</b>	<b>56%</b>	<b>56%</b>	<b>55%</b>	<b>0%</b>