

# **5-Year Demographic Trend Analysis**



# 5-Year Demographic Trend Analysis

Data Briefing – July 24, 2019

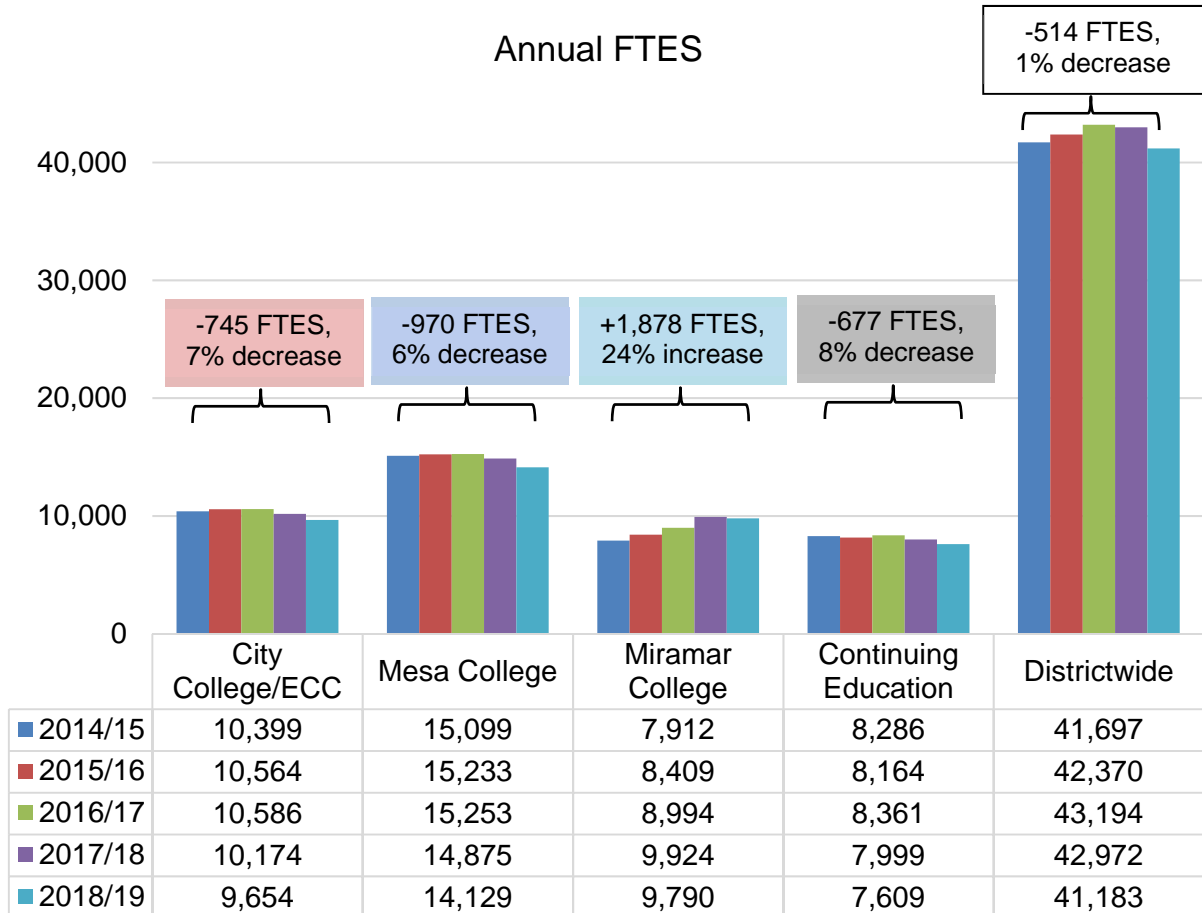
## Context

Enrollment at SDCCD has decreased over the last five years due to a variety of factors including the labor market, decreasing numbers of high school graduates, changes in the geographic distribution of students, along with enrollment management strategies. Within this decrease, enrollment patterns have also shifted among age groups and ethnicities.

## Highlights: Enrollment-related Metrics

### 1. FTES for the credit colleges and CE has changed significantly.

FTES for City College, Mesa College, and Continuing Education has decreased over the past 5 years, while FTES at Miramar College has increased (City: -7%, Mesa: -6%, Miramar: +24%, CE: -8%).



Source: Enrollment Almanac 2018/19

Note 1. Annual FTES is based on the term/year that FTES was earned, not the year claimed for apportionment, and does not include early summer FTES from the subsequent year.

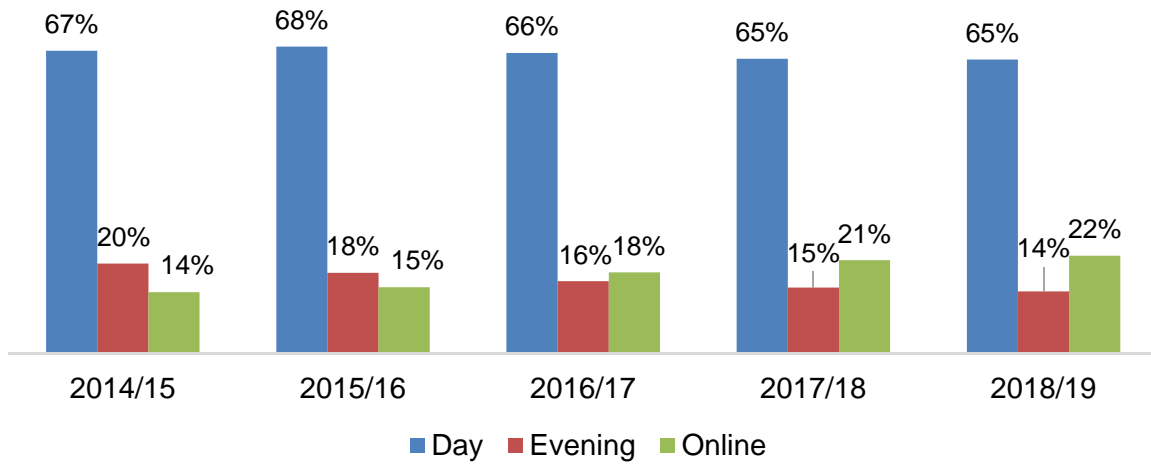
Note 2. Non-residents are excluded.

**2. The proportion of evening FTES generated at the colleges decreased substantially over the last five years, while online FTES has increased.**

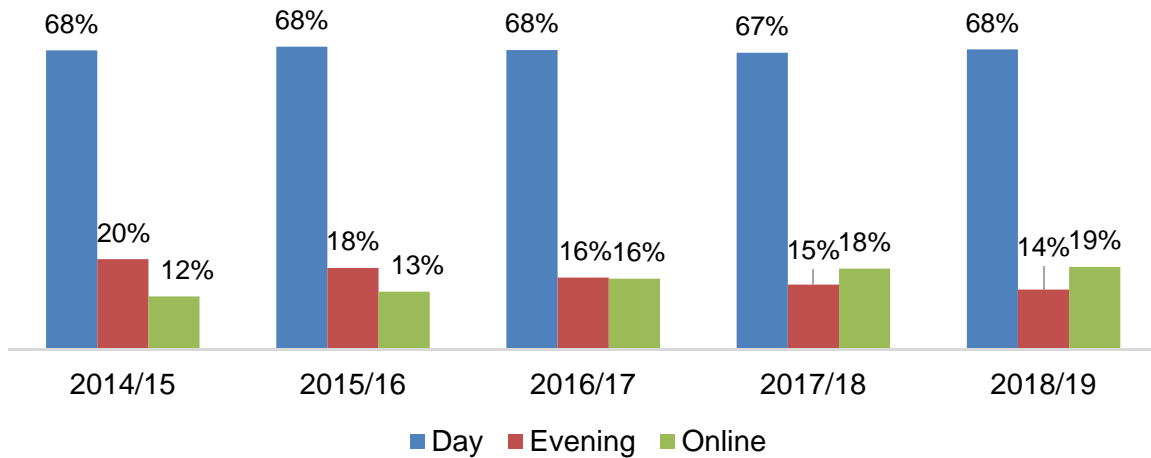
The percentage of FTES generated from evening classes decreased 6% in the past five years, while the percentage of FTES generated by online courses has increased over the same time.

**A similar proportionate shift in sections at the colleges occurred over the last five years** with evening sections accounting for 20% of the total in 2014/15, compared to 14% in 2018/19. Conversely, online sections grew from 12% of total sections offered in 2014/15 to 19% in 2018/19.

All Colleges FTES by Modality



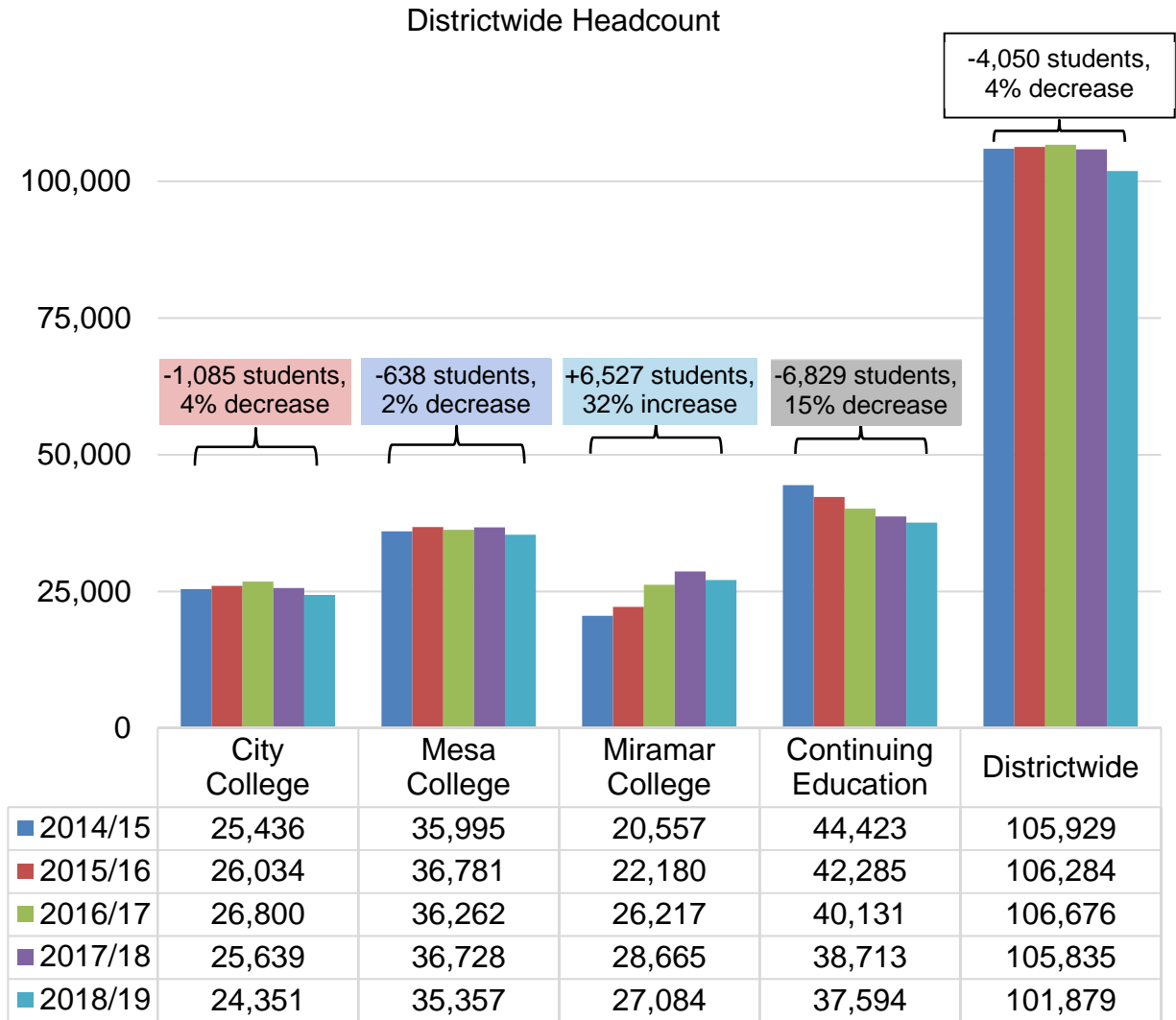
All Colleges Sections by Modality



Source: Enrollment Almanac 2018/19

**3. Districtwide, headcount has decreased in the past five years.**

Total headcount has decreased districtwide over the past five years. However, headcount at the credit colleges increased 3% (2,022 students) between 2014-15 and 2018-19. The increase was entirely driven by Miramar College (City: -4%, Mesa: -2%, Miramar: +32%). Continuing Education headcount decreased by 15% (-6,827 students).

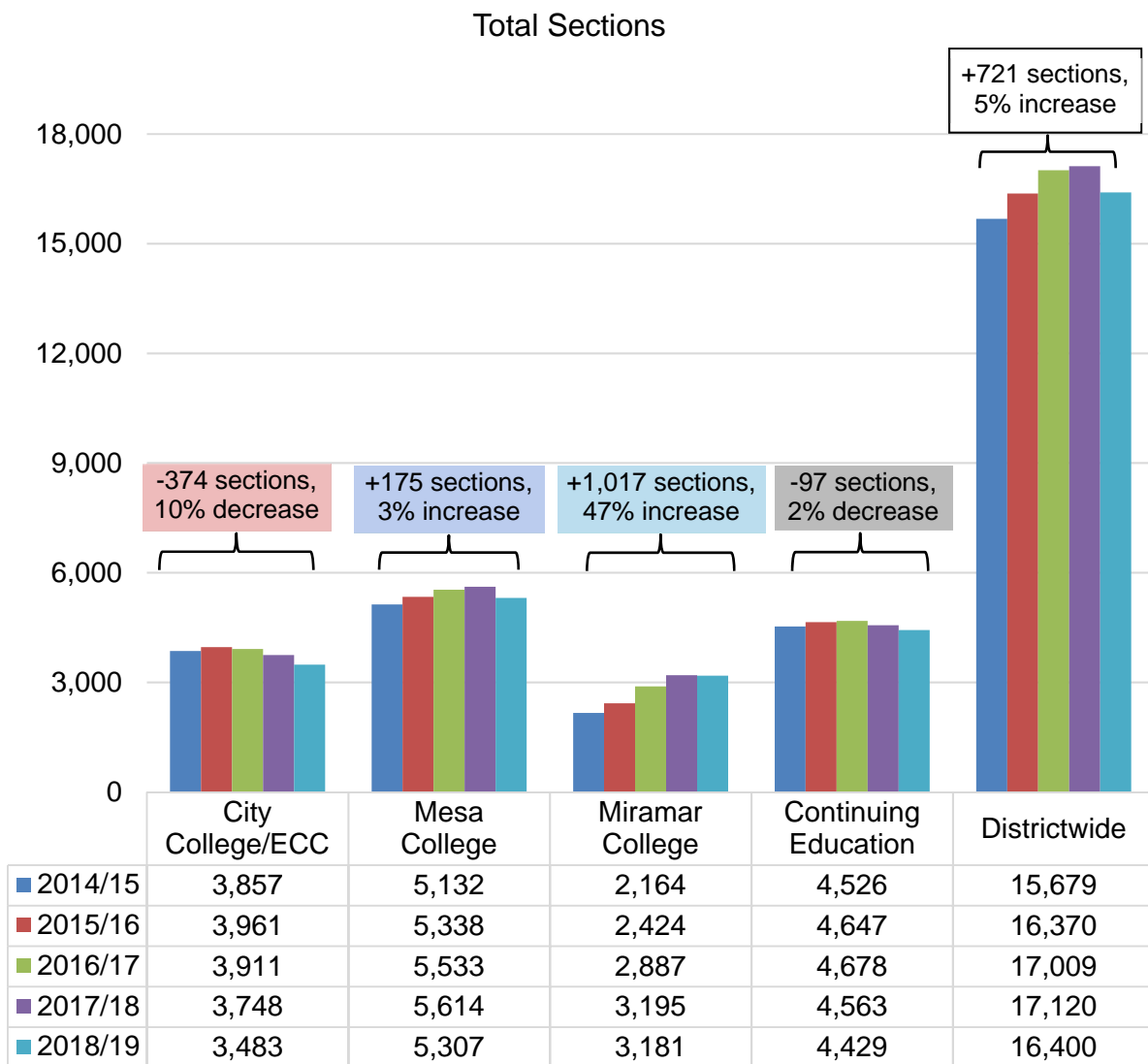


Source: Enrollment Almanac 2018/19

**4. Section counts for the credit colleges increased 7% in the past five years.**

Section counts increased at Mesa and Miramar Colleges while decreasing at City College (City: -10%, Mesa: +3%, Miramar: +47%). The section count for Continuing Education decreased 2%.

**On campus** fill rates at the colleges have decreased from 85% in 2014/15 to 76% in 2018/19. **Online** fill rates at the colleges have remained relatively stable at 81%, even with significant growth in the proportion of total sections (from 14% of the total in 2014/15 to 22% in 2018/19).

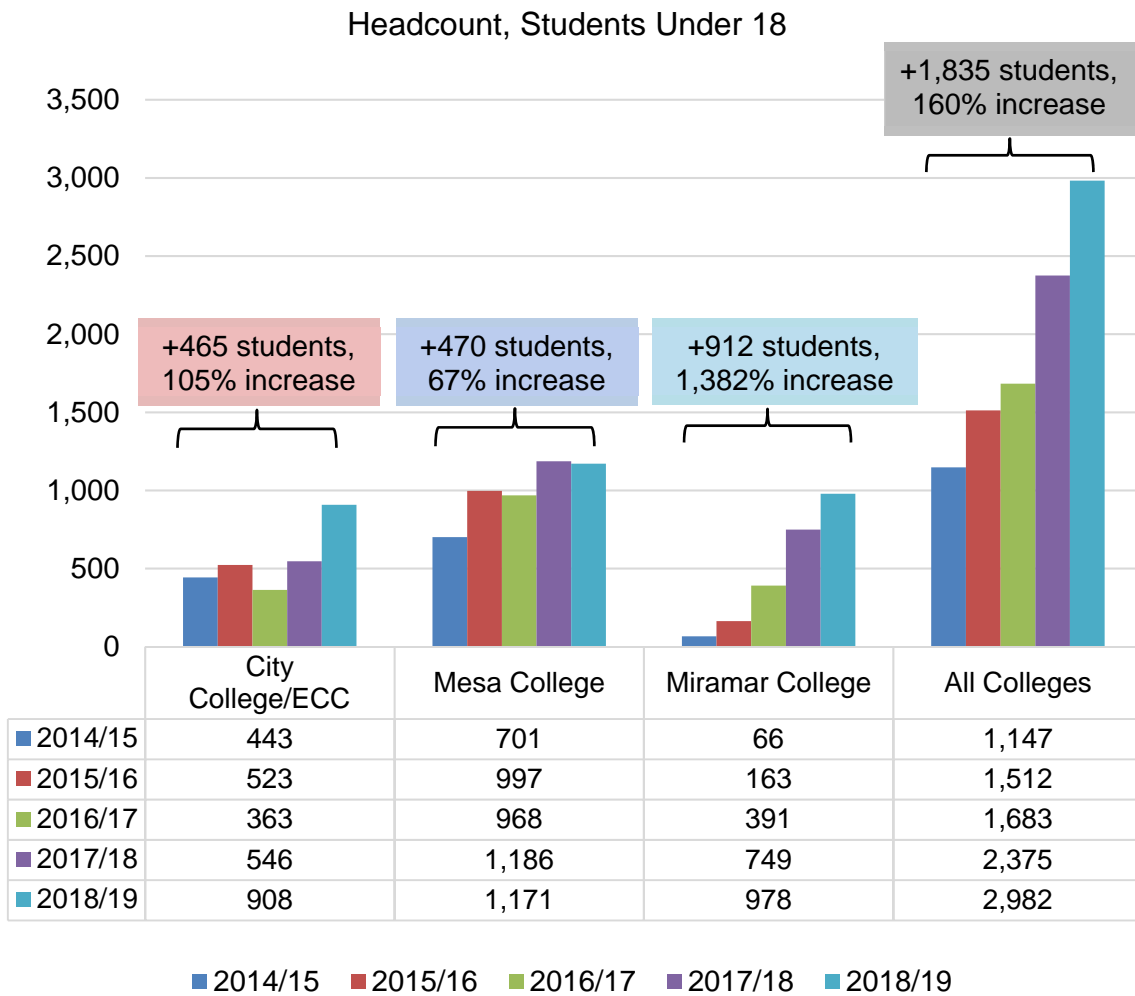


Source: Enrollment Almanac 2018/19

## Highlights: Demographics

5. At the credit colleges, the number of students under 18 has increased 160% over the last five years.

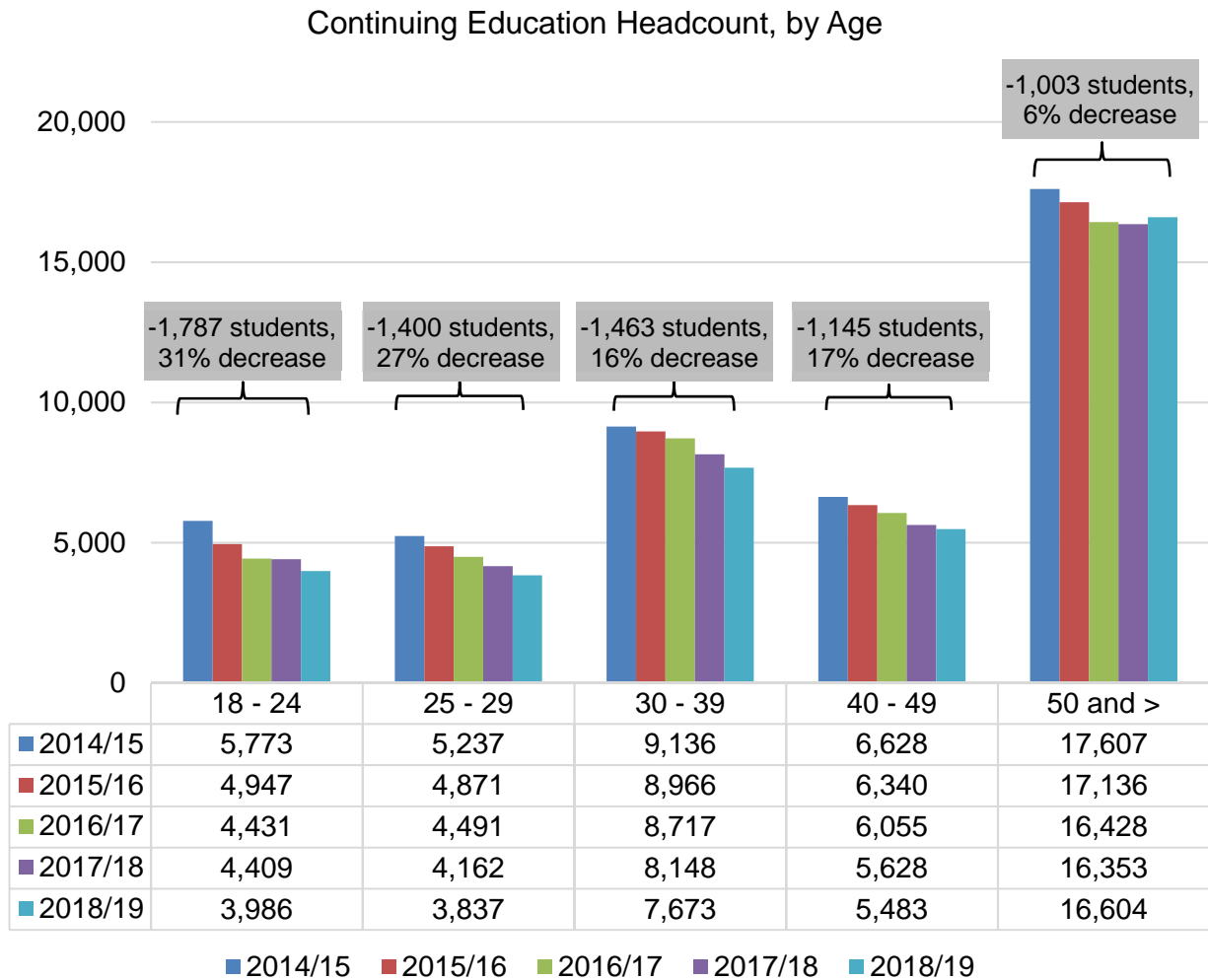
Largely driven by the CCAP/ACP program, headcount of students under 18 has increased dramatically at the colleges over the last five years.



Source: Enrollment Almanac 2018/19

**6. At Continuing Education, the number of younger students has decreased more than the number of older students.**

Since 2014/15, the number of students 18-24 and 25-29 decreased 31% and 27% respectively, while the number of students 50 and older decreased 6%.



Source: Enrollment Almanac 2018/19

7. Districtwide over the last five years, Latinx students have grown as a percent of the total student population, from 35.1% in 2014/15 to 36.5% in 2018/19.

Together, Latinx and White students account for 2 out of 3 SDCCD students. While the percent of Latinx students has increased 1.4%, the percent of white students has decreased nearly 1%.

Four largest ethnicities by headcount, as a percent of districtwide total

		2014/15	2018/19	Difference 14/15 to 18/19
Districtwide	Latinx	35.1%	36.5%	1.4%
	White	32.2%	31.3%	-0.9%
	Asian	11.6%	11.8%	0.2%
	African American	7.9%	7.0%	-0.9%

Note. Student groups listed in order of Districtwide headcount.

This growth is accounted for by the colleges where Latinx students have grown as a percent of the total student population (City: +2%, Mesa: +4%, Miramar: +4%), and **the number of Latinx students has increased 10% over the last five years**. For trends in headcount by ethnicity at each of the colleges, see appendix (page 14).

Four largest ethnicities by headcount, as a percent of All Colleges total

		2014/15	2018/19	Difference 14/15 to 18/19
All Colleges	Latinx	35.5%	37.9%	2.4%
	White	32.3%	31.4%	-0.9%
	Asian	10.4%	10.1%	-0.3%
	African American	7.8%	6.8%	-1.0%

Note. Student groups listed in order of All Colleges headcount.

At Continuing Education, Latinx students have decreased as a percent of the total population.

Four largest ethnicities by headcount, as a percent of Continuing Education total

		2014/15	2018/19	Difference 14/15 to 18/19
Continuing Education	Latinx	34.4%	34.1%	-0.3%
	White	31.9%	30.9%	-1.0%
	Asian	13.6%	15.0%	1.4%
	African American	8.2%	7.4%	-0.8%

Note. Student groups listed in order of Continuing Education headcount.



## Highlights: Degrees and Certificates

**8. The number of associate degrees awarded at the colleges increased 23% between 2014-15 and 2018-19.**

Overall, associate degrees (ADT+AA/AS) increased at the three credit colleges (City: +16%, Mesa: +9%, Miramar: +63%). This increase is largely driven by ADT degrees, which were first awarded in 2015/16. In 2015/16, 1,002 ADT degrees were awarded, compared to 1,621 ADT degrees in 2018/19 (62% increase).

Certificates decreased at City College (-3%), but increased at Mesa College (+25%) and Miramar College (+44%).

See Appendix (page 15) for full awards detail.

Associate Degrees awarded by the colleges

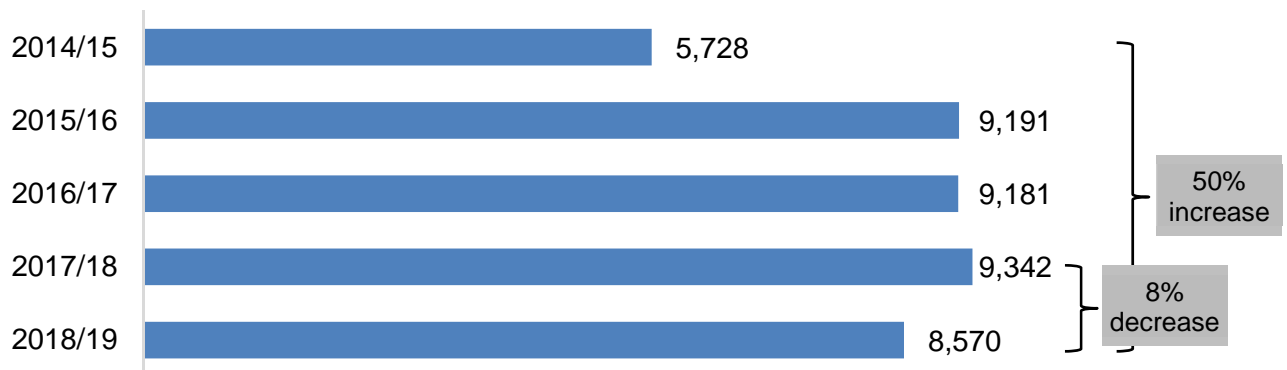
	2014/15	2015/16	2016/17	2017/18	2018/19	Difference 2014/15 to 2018/19	5-Yr % Change
City College/ECC	843	813	894	854	981	138	16%
Mesa College	1,467	1,331	1,574	1,613	1,594	127	9%
Miramar College	700	754	793	1,056	1,139	439	63%
<b>All Colleges</b>	<b>3,010</b>	<b>2,898</b>	<b>3,261</b>	<b>3,523</b>	<b>3,714</b>	<b>704</b>	<b>23%</b>

Source: Facts on File 2015-2019

**9. Continuing Education certificates of completion have increased 50% overall since 2014/15, but decreased 8% since 2017/18.**

Certificates of completion increased 63% from 2014/15 to 2017/18. However, they decreased by 8% from 2017/18 to 2018/19 (compared to a 3% decrease in headcount over the same time).

Certificates of completion awarded by Continuing Education



Source: Facts on File 2015-2019

## Highlights: Sources of Enrollment

### 10. About 1 in 3 high school graduates from service area high schools for City, Mesa, or Miramar enrolled at an SDCCD college between 2013/14 and 2017/18.

Capture rates (the percent of high school graduates who enroll at SDCCD the fall following graduation) increased 3% between 2013/14 and 2017/18 for all colleges, with Miramar College experiencing the largest increase (7%).

Capture rates of SDCCD feeder high schools

	Year entered SDCCD					5-Yr Difference
	2013/14	2014/15	2015/16	2016/17	2017/18	
City College/ECC	31%	34%	33%	34%	33%	2%
Mesa College	29%	28%	29%	29%	31%	2%
Miramar College	31%	36%	36%	39%	38%	7%
<b>Total Feeder Schools</b>	<b>30%</b>	<b>32%</b>	<b>32%</b>	<b>33%</b>	<b>33%</b>	<b>3%</b>

Source: SDCCD Information System

### 11. The number of high school graduates from feeder high schools has decreased 5% since 2013/14.

The number of high school graduates from feeder high schools remained relatively stable between 2013/14 and 2015/16, but decreased significantly in 2016/17 (5% decrease compared to the previous year). The number of feeder high school graduates did not change significantly in 2017/18 compared to the previous year.

Number of high school graduates from feeder high schools

	2013/14	2014/15	2015/16	2016/17	2017/18	5-Yr Difference	5-Yr % Change
City College/ECC	2,234	2,303	2,241	2,173	2,300	66	3%
Mesa College	3,323	3,300	3,446	3,303	3,048	-275	-8%
Miramar College	1,935	1,894	1,837	1,640	1,796	-139	-7%
<b>Total Feeder School Graduates</b>	<b>7,492</b>	<b>7,497</b>	<b>7,524</b>	<b>7,116</b>	<b>7,144</b>	<b>-348</b>	<b>-5%</b>

Source: California Department of Education

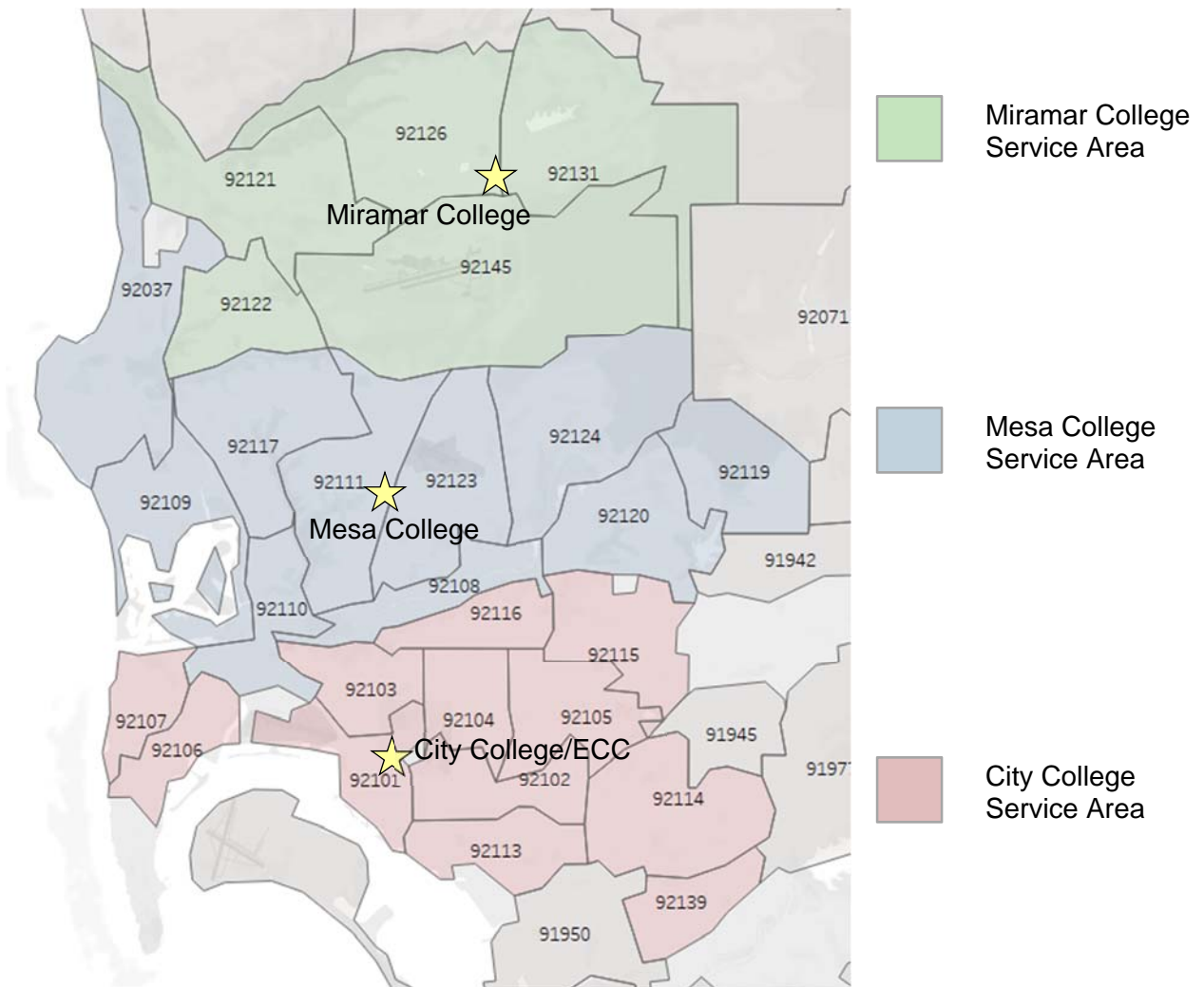
**12. Over the last five years, 58% to 59% of students at the colleges reported residing in the colleges' service area.**

Students from the City College/ECC service area have accounted for 29% to 30% of All Colleges headcount over the last five years, followed by Mesa College service area (19%) and Miramar College service area (10% to 11%). See map below for zip codes by college service area.

Percent of students enrolled at the colleges, by college service area

Service Area	2014/15	2015/16	2016/17	2017/18	2018/19
City College/ECC	30%	30%	29%	29%	29%
Mesa College	19%	19%	19%	19%	19%
Miramar College	10%	10%	10%	11%	11%
Service Area Total	59%	59%	58%	59%	59%
Out of Service Area	41%	41%	42%	42%	41%

Source: SDCCD Information System



- 13. Over the last five years, Mesa College has enrolled the highest percent of students from its service area (64% of Mesa headcount), followed by City College (60%) and Miramar College (50%).**

These percentages have remained largely unchanged over the last five years.

Percent of total headcount that resides in each college's service area

	2014/15	2015/16	2016/17	2017/18	2018/19	5-Year Average
City College/ECC	60%	60%	59%	60%	60%	60%
Mesa College	65%	64%	64%	64%	64%	64%
Miramar College	50%	49%	49%	50%	51%	50%

Source: SDCCD Information System

- 14. Over the last five years, the percent of students enrolled at Continuing Education from outside the service area of its five state approved centers has increased from 19% to 22% of total headcount.**

Continuing Education headcount has decreased over the last five years (-6,829 students, -15%). This decrease is largely accounted for by a corresponding decrease in the number of students who reside inside its service area, which has decreased 19% since 2014/15. See next page for a map of Continuing Education service areas.

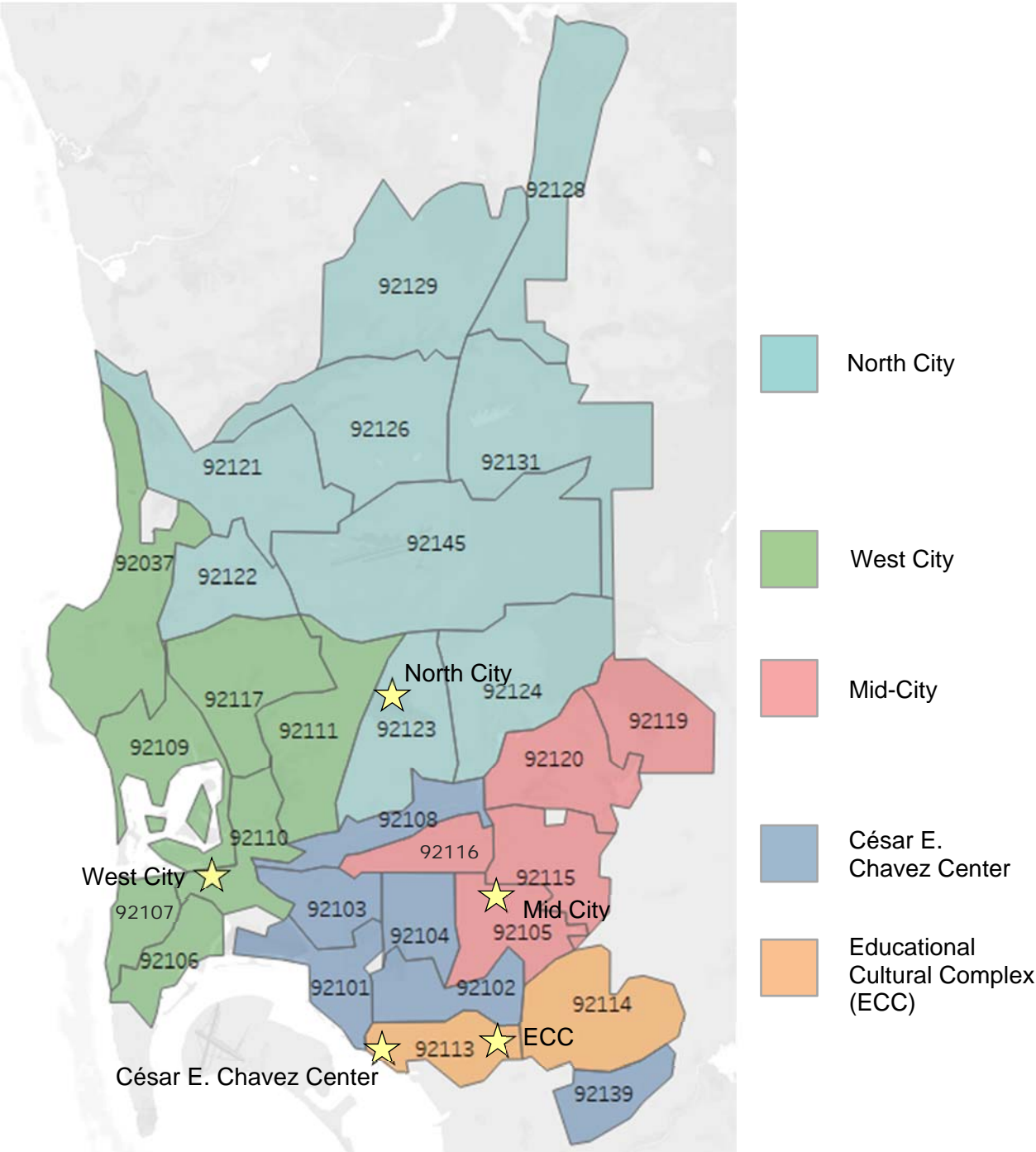
West City Center, César E. Chavez Center, ECC, and Mid-City Center have seen decreases of 20% to 25% in the number of service area students who enroll over the last five years, while North City Center has seen a 4% decrease.

The number of students from outside the service area decreased slightly from 2014/15 to 2016/17, but then returned to same amount as was enrolled in 2014/15.

	2014/15		2018/19		5-Yr Difference	5-Yr % Change
	Count	%	Count	%		
César E. Chavez	7,846	18%	6,064	16%	-1,782	-23%
ECC	4,269	10%	3,351	9%	-918	-22%
Mid-City	8,197	18%	6,555	17%	-1,642	-20%
North City	6,777	15%	6,481	17%	-296	-4%
West City	8,938	20%	6,742	18%	-2,196	-25%
<b>Service Area Total</b>	<b>36,027</b>	<b>81%</b>	<b>29,193</b>	<b>78%</b>	<b>-6,834</b>	<b>-19%</b>
Out of Service Area	8,396	19%	8,401	22%	5	0%
<b>Total</b>	<b>44,423</b>	<b>100%</b>	<b>37,594</b>	<b>100%</b>	<b>-6,829</b>	<b>-15%</b>

Source: SDCCD Information System

Continuing Education service area, by center



## Summary

### Enrollment-related Metrics

1. FTES for the credit colleges and CE has changed significantly over the last five years (City: -7%, Mesa: -6%, Miramar +24%, CE: -8%).
2. The proportion of evening FTES generated at the colleges decreased substantially over the last five years (from 20% of all FTES in 2014/15 to 14% in 2018/19), while online FTES has increased (from 14% of all FTES in 2014/15 to 22% in 2018/19). A similar proportionate shift in sections occurred over the same time.
3. Districtwide, headcount has decreased 4% over the last five years (City: -4%, Mesa: -2%, Miramar: +32%, CE -15%).
4. Section counts for the credit colleges increased 7% over the past five years (City: -10%, Mesa: +3%, Miramar: +47%), and decreased 2% at Continuing Education.

### Demographics

5. At the credit colleges, the number of students under 18 has increased 160% over the last five years.
6. At Continuing Education, the number of younger students has decreased (ages 18-24: -31%) more than the number of older students (ages 50 and over: -6%).
7. Districtwide over the last five years, Latinx students have grown as a percent of the total student population, from 35% in 2014/15 to 37% in 2018/19.

### Degrees and Certificates

8. Associate degrees and certificates at the credit colleges have increased over the last five years. The number of AA/AS and ADT degrees increased 23% for All Colleges (City: 16%, Mesa: 9%, Miramar: 63%).
9. Continuing Education certificates of completion have increased 50% overall since 2014/15, but decreased 8% since 2017/18.

### Sources of Enrollment

10. About 1 in 3 high school graduates from high schools near City, Mesa, or Miramar enrolled at an SDCCD college between 2013/14 and 2017/18.
11. The number of high school graduates from feeder high schools has decreased 5% since 2013/14.
12. Over the last five years, 58% to 59% of students at colleges reported residing in the colleges' service area.
13. Over the last five years, Mesa College has enrolled the highest percent of students from its service area (64% of Mesa headcount), followed by City College (60%) and Miramar College (50%).
14. Over the last five years, the percent of students enrolled at Continuing Education from outside the service area of its five state approved centers has increased from 19% to 22% of total headcount.

## Appendix: Ethnicities as a percent of total student headcount

Student groups by ethnicity, as a percent of total headcount

		2014/15	2018/19	Difference 14/15 to 18/19
City College/ECC	Latinx	46%	48%	2.2%
	White	24%	23%	-1.0%
	Asian	7%	7%	0.8%
	African American	11%	9%	-1.9%
Mesa College	Latinx	33%	37%	3.6%
	White	33%	32%	-1.3%
	Asian	13%	11%	-1.6%
	African American	7%	7%	-0.4%
Miramar College	Latinx	25%	29%	4.0%
	White	39%	37%	-2.5%
	Asian	13%	13%	0.2%
	African American	5%	5%	-0.3%

*Note. Student groups listed in order of all colleges headcount.*

## 5-Year Demographic Trend Analysis

### Appendix: Associate Degrees and Certificates by College

		2014/15	2015/16	2016/17	2017/18	2018/19	Difference 2014/15 to 2018/19	5-Yr % Change	Difference 2017/18 to 2018/19	1-Yr % Change
City College/ECC	ADT	---	211	279	295	352	---	---	57	19%
	AA/AS	843	602	615	559	629	-214	-25%	70	13%
	<b>Total Associate</b>	<b>843</b>	<b>813</b>	<b>894</b>	<b>854</b>	<b>981</b>	<b>138</b>	<b>16%</b>	<b>127</b>	<b>15%</b>
	Certificate	498	563	433	425	484	-14	-3%	59	14%
Mesa College	ADT	---	581	733	771	747	---	---	-24	-3%
	AA/AS	1,467	750	841	842	847	-620	-42%	5	1%
	<b>Total Associate</b>	<b>1,467</b>	<b>1,331</b>	<b>1,574</b>	<b>1,613</b>	<b>1,594</b>	<b>127</b>	<b>9%</b>	<b>-19</b>	<b>-1%</b>
	BA	---	---	---	10	15	---	---	3	25%
	Certificate	296	320	354	387	371	75	25%	-16	-4%
Miramar College	ADT	---	210	273	408	522	---	---	114	28%
	AA/AS	700	544	520	648	617	-83	-12%	-31	-5%
	<b>Total Associate</b>	<b>700</b>	<b>754</b>	<b>793</b>	<b>1,056</b>	<b>1,139</b>	<b>439</b>	<b>63%</b>	<b>83</b>	<b>8%</b>
	Certificate	509	489	437	504	732	223	44%	228	45%
All Colleges	ADT	---	1,002	1,285	1,474	1,621	---	---	147	10%
	AA/AS	3,010	1,896	1,976	2,049	2,093	-917	-30%	44	2%
	<b>Total Associate</b>	<b>3,010</b>	<b>2,898</b>	<b>3,261</b>	<b>3,523</b>	<b>3,714</b>	<b>704</b>	<b>23%</b>	<b>191</b>	<b>5%</b>
	Certificate	1,303	1,372	1,224	1,316	1,587	284	22%	271	21%

Source: Facts on File 2015-2019