



# **College Productivity Annual Benchmark Report 2017/18**

*Prepared by:*  
SDCCD Office of Institutional Research and Planning  
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**Purpose**

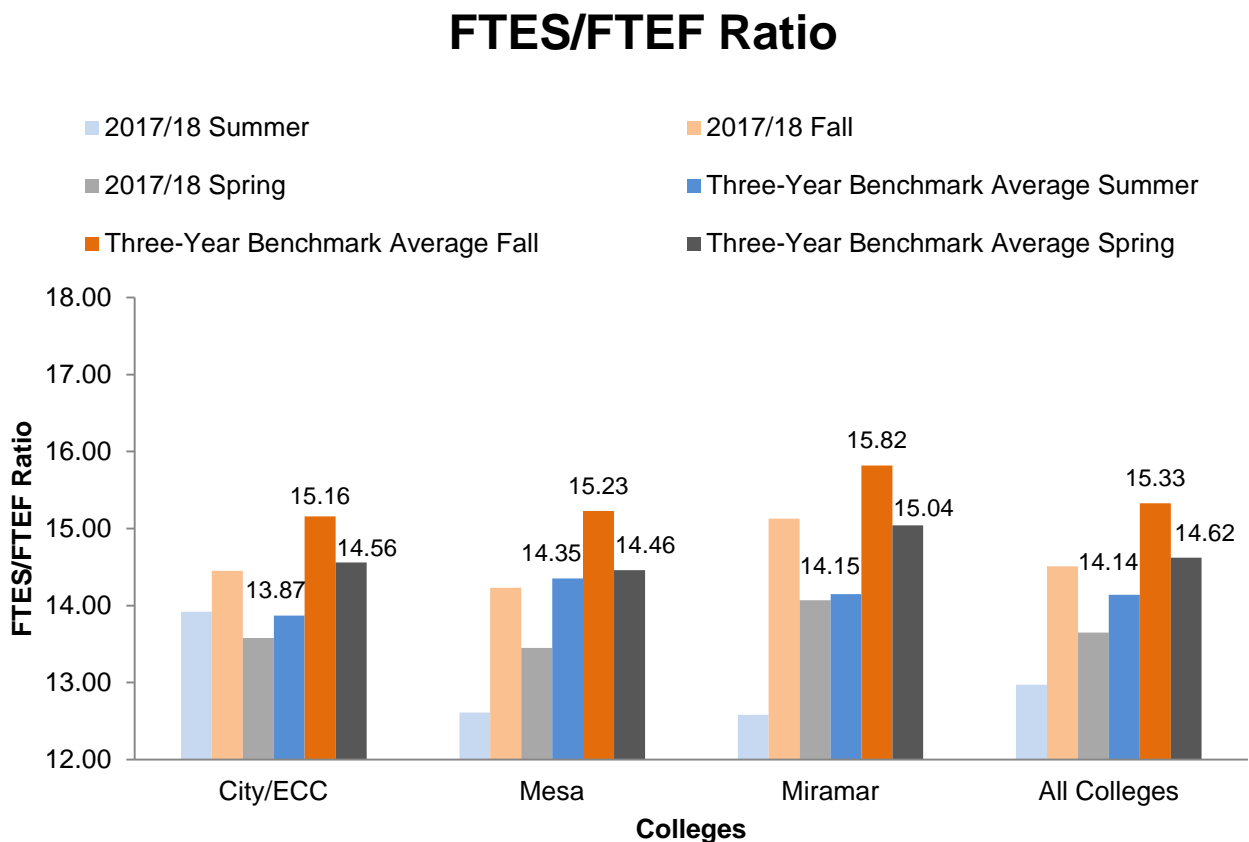
This report has been prepared in order to provide four productivity indicators for City/ECC, Mesa, and Miramar Colleges by 2017/18 terms (Summer 2017, Fall 2017, and Spring 2018). Intersession was excluded. The productivity indicators are FTES/FTEF ratio, yield, Load, and fill rate. Three-year averages of each term are included as benchmarks for the current terms.

**FTES/FTEF Ratio**

FTES and FTEF data are as of end of term. As a point of reference, for a Census Week class, an FTES/FTEF ratio of 15 would equate to a class size of approximately 30 students.

- Overall, FTES/FTEF ratio in 2017/18 decreased at all three colleges in all three terms compared to the three-year benchmark average.
- The overall FTES/FTEF ratio was highest in fall, followed by spring, and then summer.

**Graph 1: FTES/FTEF Ratio per college and All Colleges**



**Table 1. FTES/FTEF by Term and College for 2017/18**

FTES/FTEF	2017/18			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
City/ECC	13.92	14.45	13.58	13.87	15.16	14.56
Mesa	12.61	14.23	13.45	14.35	15.23	14.46
Miramar	12.58	15.13	14.07	14.15	15.82	15.04
All Colleges	12.97	14.51	13.65	14.14	15.33	14.62

Source: SDCCD Information System

*Note 1. Non-residents, tutoring, apprenticeship, in-service, intersession, non-state supported, and cancelled classes were excluded.*

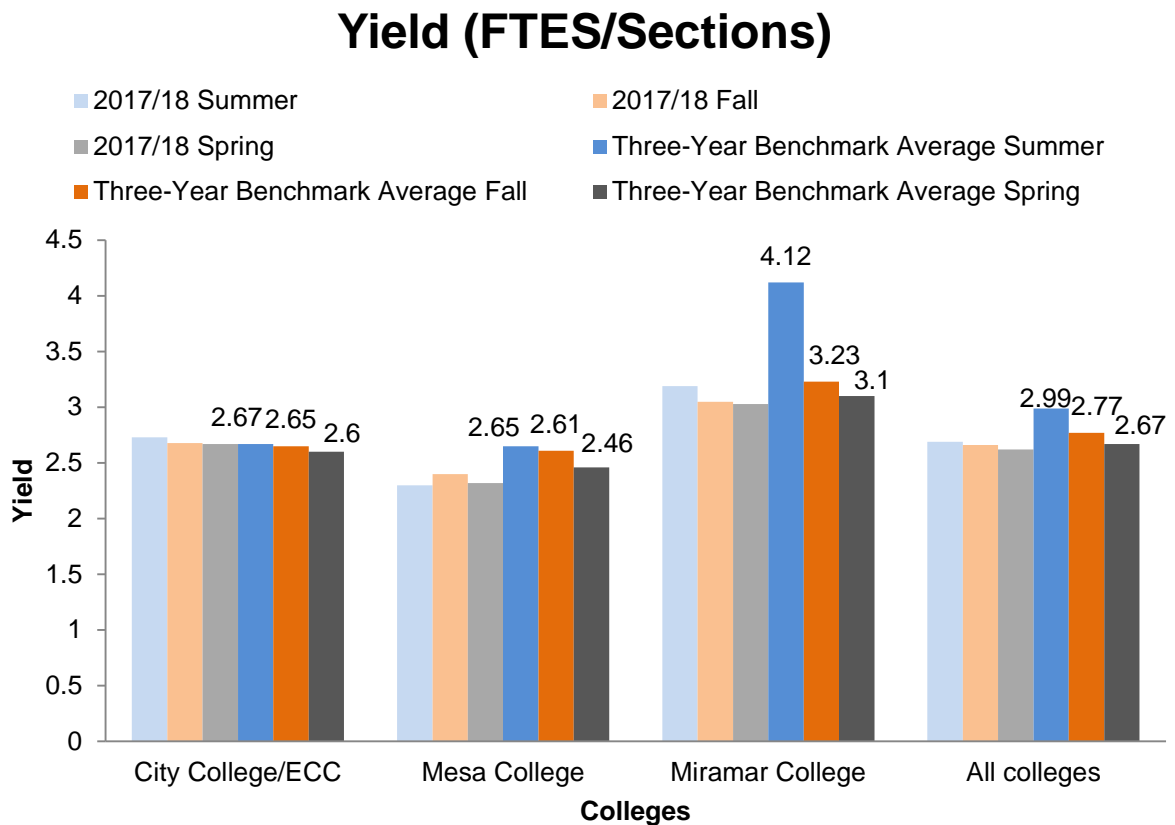
*Note 2. The three-year benchmark is the average of the three most current like terms. This does not include the current term.*

**Yield**

Yield is calculated by taking the total amount of FTES and dividing by the total number of related sections. For example, if the total FTES were 24.83 and there were 5 related sections, the resulting yield would be 4.97. If there are no classes in a specific accounting method, the yield will be zero. End of term FTES data were used to calculate the yields.

- The overall average yield for all three colleges was higher in Fall 2017 compared to Spring 2018.
- The City College/ECC yields for Census Day and Independent Study Census Day classes increased in Fall 2017 compared to equivalent benchmark averages for fall.
- At Mesa College, the yields for all accounting methods decreased in Fall 2017 compared to equivalent benchmark averages for fall.
- Miramar College had a decrease in yields for all accounting methods for Fall 2017 compared to equivalent benchmark averages for fall.

**Graph 2: Yield (FTES/Sections) per college and All Colleges**



Graph 3: Yield (FTES/Sections) – Census Day – Per College & All Colleges

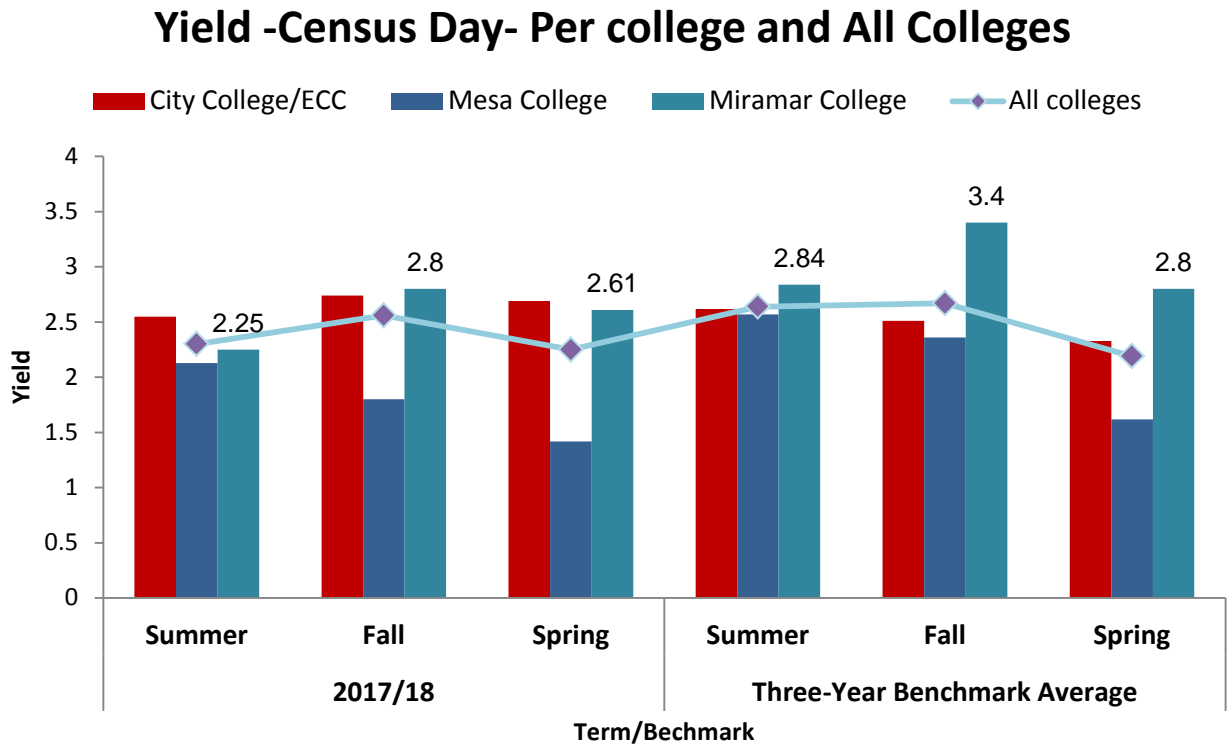


Table 2. FTES Yields (Credit and Resident only) for 2017/18

All Colleges Accounting Methods	2017/18			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	2.59	2.51	0.00	2.70	2.63
<b>Census Day</b>	<b>2.30</b>	<b>2.56</b>	<b>2.25</b>	<b>2.64</b>	<b>2.67</b>	<b>2.19</b>
Positive Attendance-Credit, Reg	1.44	1.50	1.58	1.89	1.81	1.83
In-service	13.31	6.79	6.98	16.59	7.66	7.89
Independent Study, Census Week	0.00	3.31	3.50	0.00	3.51	3.42
Work Experience, Census Week	0.00	0.31	0.33	0.00	0.37	0.38
Independent Study, Census Day	3.04	2.90	2.95	3.19	2.70	2.54
Work Experience, Census Day	0.27	0.29	0.55	0.27	0.25	0.34
<b>Total/Ave. All colleges</b>	<b>2.69</b>	<b>2.66</b>	<b>2.62</b>	<b>2.99</b>	<b>2.77</b>	<b>2.67</b>

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City College/ECC Accounting Methods	2017/18			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	2.60	2.60	0.00	2.65	2.72
Census Day	2.55	2.74	2.69	2.62	2.51	2.33
Positive Attendance-Credit, Reg	0.88	1.95	1.78	1.30	2.01	1.77
Independent Study, Census Week	0.00	3.58	3.80	0.00	3.67	3.67
Work Experience, Census Week	0.00	0.42	0.39	0.00	0.42	0.45
Independent Study, Census Day	3.42	3.35	3.21	3.30	2.63	2.56
Work Experience, Census Day	0.39	0.00	0.72	0.26	0.03	0.31
<b>Total/Ave. City College/ECC</b>	<b>2.73</b>	<b>2.68</b>	<b>2.67</b>	<b>2.67</b>	<b>2.65</b>	<b>2.60</b>

Mesa College Accounting Methods	2017/18			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	2.46	2.32	0.00	2.63	2.50
<b>Census Day</b>	<b>2.13</b>	<b>1.80</b>	<b>1.42</b>	<b>2.57</b>	<b>2.36</b>	<b>1.62</b>
Positive Attendance-Credit, Reg	1.97	1.34	1.61	2.98	1.86	2.19
Independent Study, Census Week	0.00	3.16	3.39	0.00	3.45	3.41
Work Experience, Census Week	0.00	0.25	0.27	0.00	0.27	0.27
Independent Study, Census Day	2.90	2.36	2.49	3.11	2.46	2.23
Work Experience, Census Day	0.23	0.00	0.06	0.28	0.06	0.14
<b>Total/Ave. Mesa College</b>	<b>2.30</b>	<b>2.40</b>	<b>2.32</b>	<b>2.65</b>	<b>2.61</b>	<b>2.46</b>

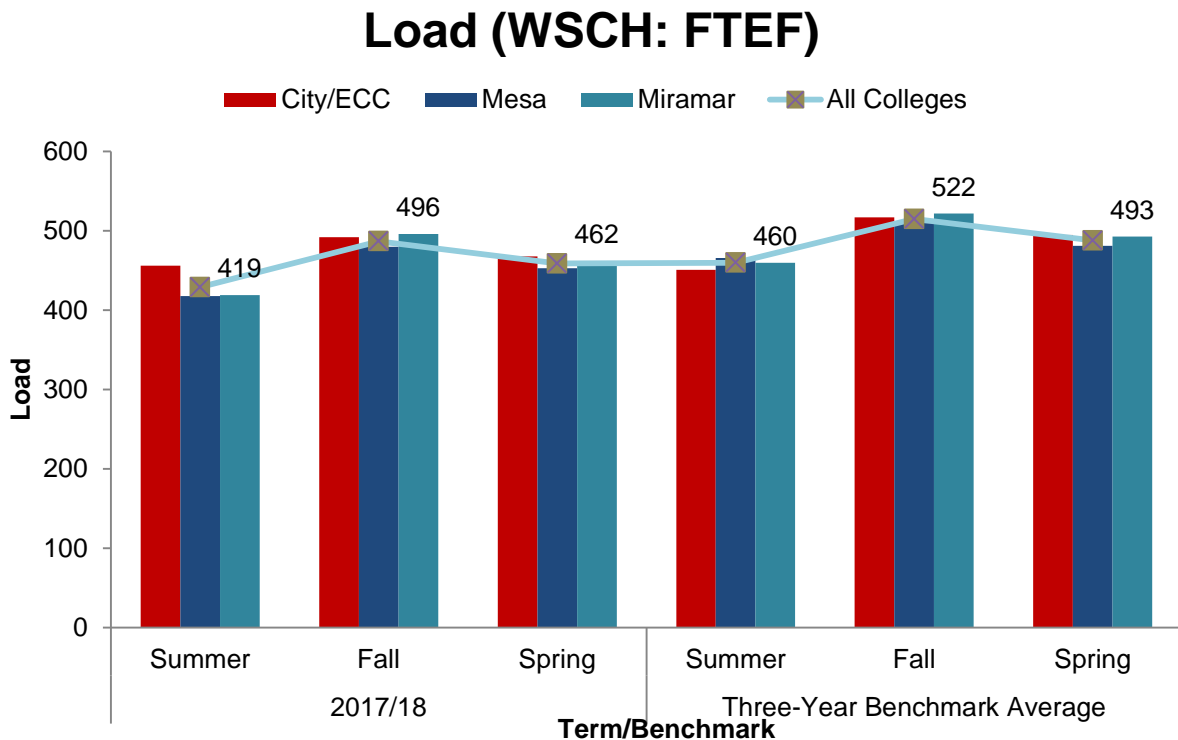
Miramar College Accounting Methods	2017/18			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	2.86	2.75	0.00	2.93	2.73
<b>Census Day</b>	<b>2.25</b>	<b>2.80</b>	<b>2.61</b>	<b>2.84</b>	<b>3.40</b>	<b>2.80</b>
Positive Attendance-Credit, Reg	1.11	1.03	1.11	1.26	1.30	1.32
In-service	13.31	6.79	6.98	16.59	7.66	7.89
Independent Study, Census Week	0.00	3.35	3.46	0.00	3.43	3.22
Work Experience, Census Week	0.00	0.40	0.69	0.00	0.93	0.74
Independent Study, Census Day	2.89	3.05	3.10	3.20	3.14	2.96
Work Experience, Census Day	0.19	0.29	0.60	0.23	0.30	0.47
<b>Total/Ave. Miramar College</b>	<b>3.19</b>	<b>3.05</b>	<b>3.03</b>	<b>4.12</b>	<b>3.23</b>	<b>3.10</b>

**Load**

Load is the ratio of Weekly Student Contact Hours (WSCH) to Full-time Equivalent Faculty (WSCH/FTEF) and is a measure of productivity. The statewide Load benchmark for a 17.5 week semester is 525. The Load benchmark for SDCCD's 16.5 week semester is 557. End of term data were used to calculate the Loads.

- In Summer 2017 the overall Load value was lower compared to the respective three-year benchmark.
- The Load values decreased from fall to spring for all colleges in the 2017/18 academic year.
- The Load values in Spring 2018 at all three colleges were lower than the equivalent benchmark averages and the statewide benchmark of 557.

**Graph 4: Load (WSCH: FTEF) – Per College & All Colleges**



**Table 3. Load by Term and College for 2017/18**

Load	2017/18			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
City/ECC	456	492	468	451	517	495
Mesa	418	480	453	466	510	481
Miramar	419	496	462	460	522	493
All Colleges	429	487	459	460	515	488

Source: SDCCD Information System

*Note 1. Miramar excludes all in-service classes. Tutoring, positive attendance, cancelled classes, and intersession are excluded.*

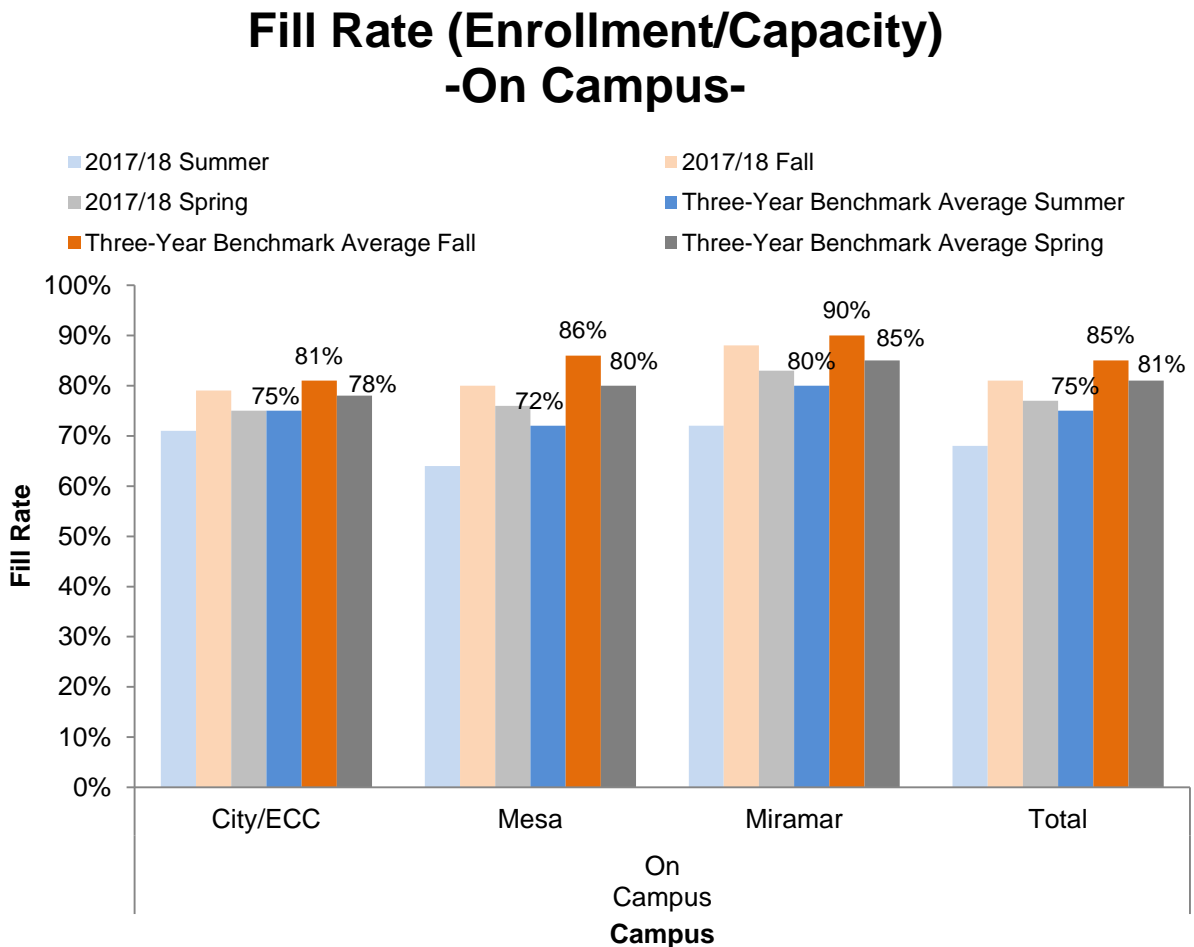


**Fill Rate**

Capacity and enrollment data were used to analyze fill rates. Data were as of end of term. Enrollment as of census was divided by the class capacity to calculate fill rates. As a point of reference, if there are 25 students in a class with a cap of 40, the fill rate would be 0.63.

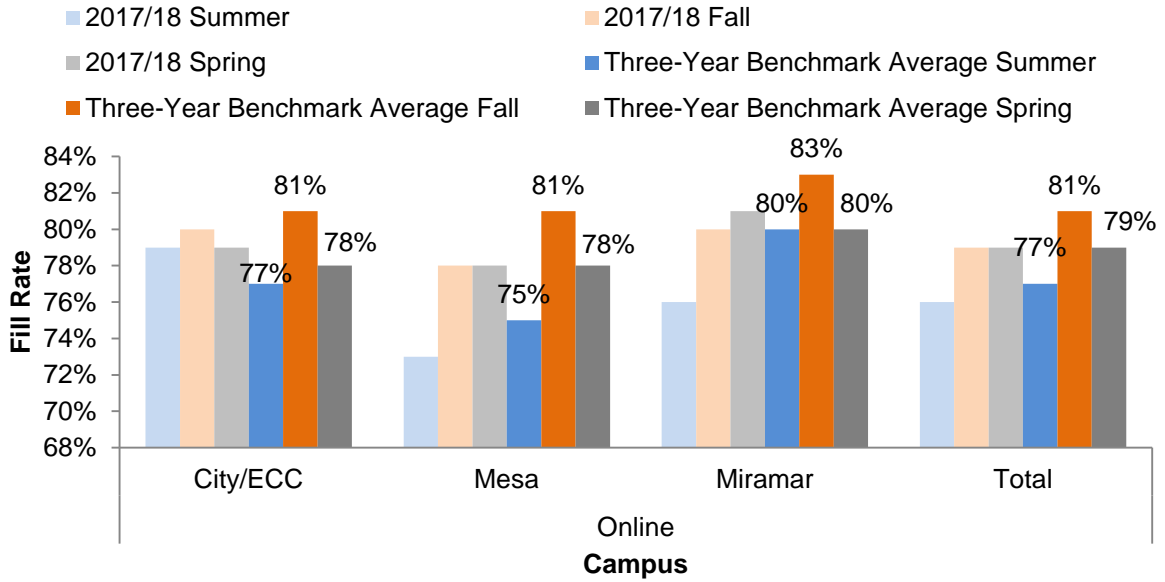
- In 2017/18, the overall fill rate for each college was higher in fall compared to spring and summer, with the exception of Mesa online courses which had the same fill rate in Fall 2017 and Fall 2018.
- In each of the 2017/18 primary terms, Mesa and Miramar College produced higher fill rates in on campus courses than in online courses.
- The overall fill rate was lower in summer, fall, and spring compared to equivalent benchmark average.

**Graph 5: Fill Rate (Enrollment/Capacity) On Campus – Per College & All Colleges**



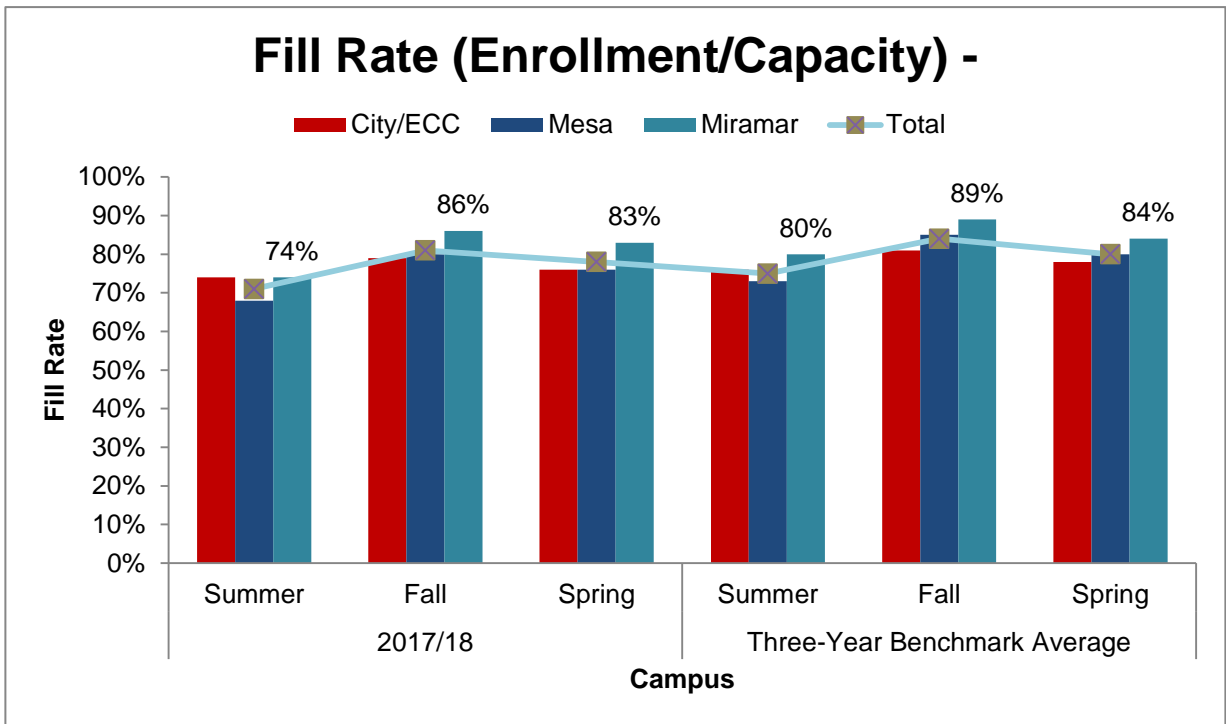
Graph 6: Fill Rate (Enrollment/Capacity) Online – Per College & All Colleges

### Fill Rate (Enrollment/Capacity) - Online



Graph 7: Fill Rate (Enrollment/Capacity) - Per College & All Colleges

### Fill Rate (Enrollment/Capacity) -



**Table 4. Fill Rate by Term, Campus, and Modality for 2017/18**

Fill Rate		2017/18			Three-Year Benchmark Average		
		Summer	Fall	Spring	Summer	Fall	Spring
On Campus	City/ECC	71%	79%	75%	75%	81%	78%
	Mesa	64%	80%	76%	72%	86%	80%
	Miramar	72%	88%	83%	80%	90%	85%
	<b>Total</b>	<b>68%</b>	<b>81%</b>	<b>77%</b>	<b>75%</b>	<b>85%</b>	<b>81%</b>
Online	City/ECC	79%	80%	79%	77%	81%	78%
	Mesa	73%	78%	78%	75%	81%	78%
	Miramar	76%	80%	81%	80%	83%	80%
	<b>Total</b>	<b>76%</b>	<b>79%</b>	<b>79%</b>	<b>77%</b>	<b>81%</b>	<b>79%</b>
All Colleges	City/ECC	74%	79%	76%	76%	81%	78%
	Mesa	68%	80%	76%	73%	85%	80%
	Miramar	74%	86%	83%	80%	89%	84%
	<b>Total</b>	<b>71%</b>	<b>81%</b>	<b>78%</b>	<b>75%</b>	<b>84%</b>	<b>80%</b>

Source: SDCCD Information System

*Note 1. Apprenticeship, in-service, cancelled, intersession, tutoring, and classes with less than two capacity are excluded.*

*Note 2. Positive attendance credit sections PHYE 153 and EXSC 124 are excluded from the fill rates for City College/ECC and Miramar College.*