



College Productivity Annual Benchmark Report 2015/16

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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 2015/16 terms (Summer 2015, Fall 2015, and Spring 2016). 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.

- The FTES/FTEF ratio decreased at all three colleges from Fall 2015 to Spring 2016 compared to the three-year benchmark average. The Summer 2015 FTES/FTEF ratio for City/ECC was higher than the three-year comparable benchmark average.

Table 1. FTES/FTEF by Term and College for 2015/16

FTES/FTEF	2015/16			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
City/ECC	13.96	15.22	14.53	13.85	16.19	15.61
Mesa	14.63	15.23	14.39	15.96	16.66	15.95
Miramar	15.00	15.93	14.99	15.25	17.07	16.59
All Colleges	14.46	15.37	14.56	14.88	16.58	15.96

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 2015 compared to Spring 2016.
- The City College/ECC yield for Census Day, Independent Study Census Week, and Independent Study Census Day classes increased in Fall 2015 compared to equivalent benchmark average for fall.
- At Mesa College, the yields for Positive Attendance Credit and Independent Study Census Day classes increased in Fall 2015 compared to equivalent benchmark average for spring.
- Miramar College had an increase in Census Day, In-service, and Work Experience Census Week yields for Fall 2015 compared to equivalent benchmark averages for fall.

Table 2. FTES Yields (Credit and Resident only) for 2015/16

City College/ECC Accounting Methods	2015/16			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	2.60	2.64	0.00	3.12	3.14
Census Day	2.54	2.58	2.37	3.25	2.45	2.32
Positive Attendance-Credit, Reg	1.42	1.99	1.78	1.36	2.10	1.77
Independent Study, Census Week	0.00	3.70	3.54	0.00	3.64	3.70
Work Experience, Census Week	0.00	0.29	0.46	0.00	0.47	0.42
Independent Study, Census Day	3.22	2.12	2.47	3.13	1.75	1.62
Work Experience, Census Day	0.25	0.00	0.23	0.22	0.00	0.51
Total/Ave.	2.55	2.59	2.55	3.10	2.88	2.78

Mesa College Accounting Methods	2015/16			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	2.62	2.48	0.00	2.94	2.87
Census Day	2.59	2.37	1.71	2.86	2.73	2.24
Positive Attendance-Credit, Reg	3.07	2.30	1.95	4.66	2.02	2.55
Independent Study, Census Week	0.00	3.39	3.33	0.00	3.72	3.60
Work Experience, Census Week	0.00	0.20	0.31	0.00	0.31	0.22
Independent Study, Census Day	3.13	2.64	2.39	3.42	2.51	2.45
Work Experience, Census Day	0.32	0.00	0.16	0.25	0.06	0.14
Total/Ave.	2.68	2.64	2.43	2.99	2.88	2.81

Miramar College Accounting Methods	2015/16			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	2.98	2.77	0.00	3.38	3.22
Census Day	2.85	3.09	2.78	3.33	3.08	3.15
Positive Attendance-Credit, Reg	1.41	1.27	1.27	1.03	1.49	1.63
In-service	17.45	8.06	8.40	21.74	7.99	8.29
Independent Study, Census Week	0.00	3.36	3.20	0.00	3.72	3.55
Work Experience, Census Week	0.00	1.24	0.75	0.00	1.03	0.83
Independent Study, Census Day	3.39	3.04	2.90	3.45	3.41	3.27
Work Experience, Census Day	0.31	0.20	0.52	0.11	0.46	0.60
Total/Ave.	4.37	3.23	3.20	7.03	3.58	3.47

All Colleges Accounting Methods	2015/16			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	2.69	2.60	0.00	3.09	3.04
Census Day	2.61	2.60	2.24	3.10	2.67	2.42
Positive Attendance-Credit, Reg	2.01	1.91	1.75	2.13	1.97	1.94
In-service	17.45	8.06	8.40	21.74	7.99	8.29
Independent Study, Census Week	0.00	3.48	3.35	0.00	3.70	3.61
Work Experience, Census Week	0.00	0.31	0.41	0.00	0.42	0.36
Independent Study, Census Day	3.22	2.60	2.56	3.34	2.48	2.37
Work Experience, Census Day	0.29	0.20	0.30	0.23	0.40	0.43
Total/Ave.	2.96	2.77	2.66	3.99	3.04	2.95

Source: SDCCD Information System

Note 1. Non-residents, students repeating a course, courses with a capacity equal to zero, cancelled classes, apprenticeship courses, honors contract, tutoring, non-credit, intersession, and non-state supported courses were excluded.

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 2015 the load value for City and Miramar College were higher than the respective three-year benchmark.
- The Load values decreased from fall to spring for all colleges in the 2015/16 academic year.
- The Load values in Spring 2016 at all three colleges were lower than the equivalent benchmark averages and the statewide benchmark of 557.

Table 3. Load by Term and College for 2015/16

Load	2015/16			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
City/ECC	457	523	494	436	553	530
Mesa	477	508	478	489	555	526
Miramar	486	526	491	472	559	543
All Colleges	471	516	486	462	555	530

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 2015/16, the overall fill rate for each college was higher in fall compared to spring and summer.
- In each of the 2015/16 primary terms, each 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.

Table 4. Fill Rate by Term, Campus, and Modality for 2015/16

Fill Rate		2015/16			Three-Year Benchmark Average		
		Summer	Fall	Spring	Summer	Fall	Spring
On Campus	City/ECC	76%	81%	78%	80%	86%	83%
	Mesa	76%	86%	79%	75%	91%	86%
	Miramar	81%	91%	85%	84%	97%	92%
	Total	77%	85%	80%	78%	90%	86%
Online	City/ECC	79%	80%	76%	75%	83%	81%
	Mesa	75%	80%	78%	79%	84%	82%
	Miramar	85%	84%	79%	86%	89%	88%
	Total	78%	81%	78%	79%	85%	83%
All Colleges	City/ECC	77%	81%	78%	79%	86%	83%
	Mesa	76%	85%	79%	76%	90%	85%
	Miramar	83%	89%	84%	85%	95%	91%
	Total	77%	85%	80%	79%	90%	86%

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 153W-153Y and EXSC 124A-124D series are excluded from the fill rates for City College/ECC and Miramar College.