



College Productivity Report

Spring 2016

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College Productivity Report – Spring 2016 As of Final Census

Purpose

This report has been prepared in order to provide four productivity indicators for City/ECC, Mesa, and Miramar Colleges for the last four spring terms including Spring 2016.

FTES/FTEF Ratio

FTES and FTEF data are from 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 for all three colleges decreased in Spring 2016 compared to the previous term. The Spring 2016 FTES/FTEF ratio was the lowest for each college for the four terms reported. For Spring 2016, the average class size for each college was as follows: City/ECC 29.1, Mesa 28.8, Miramar 30.0, and District 29.1. The District benchmark (based on the average FTES/FTEF of the reported four spring terms) is 15.6.

Table 1. FTES/FTEF by Term and College for Spring Terms

	Spring 2013	Spring 2014	Spring 2015	Spring 2016	Spring Avg.
City College/ECC	16.34	15.32	15.22	14.53	15.32
Mesa College	16.91	15.91	15.08	14.39	15.54
Miramar College	17.49	16.47	15.92	14.98	16.12
Total	16.83	15.82	15.29	14.56	15.58

Source: SDCCD Information System

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

Yields

Data were used from end of term to calculate the yields. Yields are 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.

The three colleges showed improvement in a few accounting methods in 2016 compared to the previous term (see Table 3). The City College/ECC yields increased in Census Day, Positive Attendance Credit, Online Census Day, and Work Experience Census Week sections in Spring 2016 compared to 2015. Mesa College yields increased in Online Census Day, Work Experience Census Week, and Work Experience Census Day in the current term compared to the previous term. Miramar College showed improvement in In-Service yields in Spring 2016 compared to the previous term.

Table 2. FTES Yields (Credit and Resident only) for All Colleges

	Spring 2013	Spring 2014	Spring 2015	Spring 2016	Spring Avg.
Census Week	3.38	3.00	2.78	2.60	2.92
Census Day	2.67	2.36	2.23	2.24	2.37
Positive Attendance-Credit, Reg	2.08	1.81	1.96	1.75	1.89
In-Service	7.99	9.33	7.62	8.40	8.33
Online, Census Week	3.72	3.56	3.56	3.35	3.54
Online, Census Day	2.29	2.42	2.42	2.56	2.42
Work Experience, Census Week	0.45	0.32	0.36	0.41	0.37
Work Experience, Census Day	0.46	0.26	0.49	0.30	0.38

Source: SDCCD Information System

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

San Diego Community College District

Table 3. FTES Yields (Credit and Resident only)

		Spring 2013	Spring 2014	Spring 2015	Spring 2016	Spring Avg.
City College/ ECC	Census Week	3.50	3.07	2.90	2.64	3.01
	Census Day	2.54	2.24	2.19	2.37	2.33
	Positive Attendance-Credit, Reg	1.88	1.70	1.74	1.78	1.77
	Online, Census Week	3.72	3.61	3.76	3.54	3.65
	Online, Census Day	1.45	1.58	1.92	2.47	1.85
	Work Experience, Census Week	0.43	0.42	0.41	0.46	0.43
	Work Experience, Census Day			0.51	0.23	0.35
Mesa College	Census Week	3.18	2.83	2.63	2.48	2.77
	Census Day	2.66	2.25	1.79	1.71	2.11
	Positive Attendance-Credit, Reg	2.71	2.38	2.59	1.95	2.35
	Online, Census Week	3.64	3.52	3.63	3.33	3.53
	Online, Census Day	2.45	2.66	2.26	2.39	2.43
	Work Experience, Census Week	0.47	0.23	0.19	0.31	0.25
	Work Experience, Census Day		0.16	0.13	0.16	0.14
Miramar College	Census Week	3.64	3.23	2.87	2.77	3.09
	Census Day	3.09	3.00	3.37	2.78	3.04
	Positive Attendance-Credit, Reg	1.88	1.38	1.67	1.27	1.52
	In-Service	7.99	9.33	7.62	8.40	8.33
	Online, Census Week	3.80	3.56	3.30	3.20	3.46
	Online, Census Day	3.39	3.21	3.22	2.90	3.16
	Work Experience, Census Week	0.60	0.57	1.16	0.75	0.81
	Work Experience, Census Day	0.46	0.47	0.82	0.52	0.58

Source: SDCCD Information System

Load

Data were used from end of term to calculate the loads. 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.

In Spring 2016, the Load value at each college was the lowest reported for the four terms reported.

Table 4. Load by Term and College for Spring Terms

	Spring 2013	Spring 2014	Spring 2015	Spring 2016	Spring Avg.
City College/ECC	552	524	515	494	520
Mesa College	560	521	498	478	513
Miramar College	571	539	522	491	528
Total	560	525	508	486	518

Source: SDCCD Information System

Note. Positive attendance, in-service, and cancelled sections are excluded.

Fill Rate

The capacity and enrollment data, for all accounting methods, were used to analyze fill rates. Data were as of end of term and were used for all four terms. Enrollment as of end of term was divided by the course 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 63%.

The overall fill rates for Spring 2016 decreased compared to the previous spring term. In Spring 2016, the Miramar College fill rate (84%) was higher than the average of all three colleges (80%).

Table 5. Fill Rate by Term, Campus, and Modality

		Spring 2013			Spring 2014			Spring 2015			Spring 2016		
		Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate
On Campus	City College/ECC	33,100	37,413	88%	32,999	40,105	81%	32,644	39,432	81%	31,987	39,664	78%
	Mesa College	55,628	60,017	89%	53,067	59,440	86%	51,051	60,114	83%	48,267	59,442	79%
	Miramar College	20,890	21,659	97%	20,638	22,075	92%	22,701	25,521	89%	23,906	28,123	85%
	Total	109,618	119,089	90%	106,704	121,620	86%	106,396	125,067	83%	104,160	127,229	80%
Online	City College/ECC	5,158	6,198	83%	5,341	6,706	80%	5,304	6,618	80%	6,131	8,095	76%
	Mesa College	7,820	9,242	85%	7,518	9,209	82%	8,769	10,827	81%	9,601	12,264	78%
	Miramar College	4,841	5,181	93%	4,749	5,437	87%	4,850	5,816	83%	5,339	6,719	79%
	Total	17,819	20,621	86%	17,608	21,352	82%	18,923	23,261	81%	21,071	27,078	78%
Total	City College/ECC	38,258	43,611	87%	38,340	46,811	81%	37,948	46,050	81%	38,118	47,759	78%
	Mesa College	63,448	69,259	88%	60,585	68,649	86%	59,820	70,941	82%	57,868	71,706	79%
	Miramar College	25,731	26,840	96%	25,387	27,512	91%	27,551	31,337	88%	29,245	34,842	84%
	Total	127,437	139,710	89%	124,312	142,972	85%	125,319	148,328	83%	125,231	154,307	80%

Source: SDCCD Information System

Note 1. Cancelled and tutoring classes are excluded from the Enrollment and Capacity.

Note 2. The Enrollment and Capacity in the Productivity table are not part of the Fill Rate calculation.

Note 3. Apprenticeship, in-service, cancelled, tutoring, and classes with less than two capacity are excluded from the fill rate.

Note 4. PHYE 153 and EXSC 124 are excluded from the City College/ECC and Miramar College fill rates.