



College Productivity Report

Spring 2015

Prepared by:

Office of Institutional Research and Planning
June 2015

College Productivity Report – Spring 2015 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 2015.

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 2015 compared to the previous term. The Spring 2015 FTES/FTEF ratio was the lowest for each college for the four terms reported. For Spring 2015, the average class size for each college was as follows: City/ECC 30.4, Mesa 30.2, Miramar 31.8, and District 30.6. The District benchmark (based on the average FTES/FTEF of the reported four spring terms) is 16.3.

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

	Spring 2012	Spring 2013	Spring 2014	Spring 2015	Spring Avg.
City College/ECC	16.90	16.34	15.32	15.22	15.92
Mesa College	17.16	16.91	15.91	15.08	16.24
Miramar College	17.39	17.49	16.47	15.92	16.79
Total	17.12	16.83	15.82	15.29	16.24

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 2015 compared to the previous term (see Table 3). The City College/ECC yields increased in Positive Attendance Credit, Online Census Week and Online Census Day sections in Spring 2015 compared to 2014. Mesa College yields increased in Positive Attendance Credit and Online Census Week in the current term compared to the previous term. Miramar College showed improvement in Census Day, Positive Attendance Credit, Work Experience Census Week, and Work Experience Census Day in Spring 2015 compared to the previous term.

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

	Spring 2012	Spring 2013	Spring 2014	Spring 2015	Spring Avg.
Census Week	3.38	3.38	3.00	2.78	3.12
Census Day	3.02	2.67	2.36	2.23	2.57
Positive Attendance-Credit, Reg	2.18	2.08	1.81	1.96	2.00
Positive Attendance-Credit, Inservice	4.92	7.99	9.33	7.62	7.16
Online, Census Week	3.62	3.72	3.56	3.56	3.62
Online, Census Day	2.36	2.29	2.42	2.42	2.37
Work Experience, Census Week	0.40	0.45	0.32	0.36	0.37
Work Experience, Census Day	0.61	0.46	0.26	0.49	0.45

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 2012	Spring 2013	Spring 2014	Spring 2015	Spring Avg.
City College/ ECC	Census Week	3.49	3.50	3.07	2.90	3.22
	Census Day	2.97	2.54	2.24	2.19	2.47
	Positive Attendance-Credit, Reg	2.11	1.88	1.70	1.74	1.86
	Online, Census Week	3.35	3.72	3.61	3.76	3.60
	Online, Census Day	1.26	1.45	1.58	1.92	1.54
	Work Experience, Census Week	0.46	0.43	0.42	0.41	0.43
	Work Experience, Census Day				0.51	0.51
Mesa College	Census Week	3.22	3.18	2.83	2.63	2.96
	Census Day	3.12	2.66	2.25	1.79	2.46
	Positive Attendance-Credit, Reg	2.37	2.71	2.38	2.59	2.50
	Online, Census Week	3.68	3.64	3.52	3.63	3.62
	Online, Census Day	2.45	2.45	2.66	2.26	2.45
	Work Experience, Census Week	0.30	0.47	0.23	0.19	0.24
	Work Experience, Census Day	0.38		0.16	0.13	0.19
Miramar College	Census Week	3.57	3.64	3.23	2.86	3.30
	Census Day	2.91	3.09	3.00	3.37	3.09
	Positive Attendance-Credit, Reg	1.98	1.88	1.38	1.67	1.70
	Positive Attendance-Credit, Inservice	4.92	7.99	9.33	7.62	7.16
	Online, Census Week	3.84	3.80	3.56	3.30	3.63
	Online, Census Day	3.45	3.39	3.21	3.22	3.32
	Work Experience, Census Week	0.60	0.60	0.57	1.16	0.78
	Work Experience, Census Day	0.85	0.46	0.47	0.82	0.64

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 2015, 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 2012	Spring 2013	Spring 2014	Spring 2015	Spring Avg.
City College/ECC	576	552	524	515	541
Mesa College	575	560	521	498	537
Miramar College	572	571	539	522	550
Total	575	560	525	508	541

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 2015 decreased compared to the previous spring term. In Spring 2015, the Miramar College fill rate (88%) was higher than the average of all three colleges (83%).

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

		Spring 2012			Spring 2013			Spring 2014			Spring 2015		
		Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate
On Campus	City College/ECC	33,759	39,292	86%	33,100	37,413	88%	32,999	40,105	81%	32,641	39,432	81%
	Mesa College	55,956	58,628	92%	55,628	60,017	89%	53,067	59,440	86%	51,046	60,279	83%
	Miramar College	21,670	22,146	97%	20,890	21,659	97%	20,638	22,075	92%	22,698	25,521	89%
	Total	111,385	120,066	91%	109,618	119,089	90%	106,704	121,620	86%	106,385	125,232	83%
Online	City College/ECC	5,621	6,406	88%	5,158	6,198	83%	5,341	6,706	80%	5,304	6,618	80%
	Mesa College	7,967	9,459	84%	7,820	9,242	85%	7,518	9,209	82%	8,769	10,827	81%
	Miramar College	6,166	6,582	94%	4,841	5,181	93%	4,749	5,437	87%	4,850	5,816	83%
	Total	19,754	22,447	88%	17,819	20,621	86%	17,608	21,352	82%	18,923	23,261	81%
Total	City College/ECC	39,380	45,698	86%	38,258	43,611	87%	38,340	46,811	81%	37,945	46,050	81%
	Mesa College	63,923	68,087	91%	63,448	69,259	88%	60,585	68,649	86%	59,815	71,106	82%
	Miramar College	27,836	28,728	96%	25,731	26,840	96%	25,387	27,512	91%	27,548	31,337	88%
	Total	131,139	142,513	90%	127,437	139,710	89%	124,312	142,972	85%	125,308	148,493	83%

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.