



College Productivity Report

Spring 2014

Prepared by:

Office of Institutional Research and Planning

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College Productivity Report – Spring 2014 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 2014.

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 Miramar College increased in Spring 2014 compared to the previous term. For Spring 2014, the average class size for each college was as follows: City/ECC 30.6, Mesa 31.8, Miramar 32.9, and District 31.6. The District benchmark (based on the average FTES/FTEF of the reported four fall terms) is 16.6.

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

	Spring 2011	Spring 2012	Spring 2013	Spring 2014	Spring Avg.
City College/ECC	16.59	16.90	16.34	15.32	16.27
Mesa College	16.51	17.16	16.91	15.91	16.62
Miramar College	16.23	17.39	17.49	16.47	16.88
Total	16.48	17.12	16.83	15.81	16.55

Source: SDCCD Information System

Note 1. 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 2014 compared to the previous term (see Table 2). The City College/ECC yields increased in Independent Study Census Day in Spring 2014 compared to 2013. Miramar College showed improvement in Positive Attendance-Credit Inservice and Work Experience Census Day in Spring 2014 compared to Spring 2013.

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

	Spring 2011	Spring 2012	Spring 2013	Spring 2014	Spring Avg.
Census Week	3.30	3.38	3.38	3.00	3.26
Census Day	2.75	3.02	2.67	2.36	2.70
Positive Attendance-Credit, Reg	2.16	2.18	2.08	1.81	2.05
Positive Attendance-Credit, Inservice	4.01	4.92	7.99	9.33	6.10
Online, Census Day	2.51	2.36	2.29	2.42	2.39
Online, Census Week	3.58	3.62	3.72	3.56	3.62
Work Experience, Census Day	0.85	0.61	0.46	0.26	0.47
Work Experience, Census Week	0.56	0.40	0.45	0.32	0.43

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, and non-state supported were excluded.

San Diego Community College District

Table 2. FTES Yields (Credit and Resident only)

		Spring 2011	Spring 2012	Spring 2013	Spring 2014	Spring Avg.
City College/ ECC	Census Day	2.80	2.97	2.54	2.24	2.62
	Census Week	3.43	3.49	3.50	3.07	3.36
	Positive Attendance-Credit, Reg	2.33	2.11	1.88	1.70	2.00
	Online, Census Day	1.74	1.26	1.45	1.58	1.50
	Online, Census Week	3.45	3.35	3.72	3.61	3.52
	Work Experience, Census Week	0.62	0.46	0.43	0.42	0.49
Mesa College	Census Day	2.58	3.12	2.66	2.25	2.66
	Census Week	3.15	3.22	3.18	2.83	3.09
	Positive Attendance-Credit, Reg	2.24	2.37	2.71	2.38	2.40
	Online, Census Day	2.97	2.45	2.45	2.66	2.62
	Online, Census Week	3.55	3.68	3.64	3.52	3.60
	Work Experience, Census Day		0.38		0.16	0.23
	Work Experience, Census Week	0.45	0.30	0.47	0.23	0.32
Miramar College	Census Day	2.95	2.91	3.09	3.00	2.98
	Census Week	3.41	3.57	3.64	3.23	3.46
	Positive Attendance-Credit, Reg	1.47	1.98	1.88	1.38	1.64
	Positive Attendance-Credit, Inservice	4.01	4.92	7.99	9.33	6.10
	Online, Census Day	2.66	3.45	3.39	3.21	3.19
	Online, Census Week	3.75	3.84	3.80	3.56	3.74
	Work Experience, Census Day	0.85	0.85	0.46	0.47	0.62
	Work Experience, Census Week	0.94	0.60	0.60	0.57	0.68

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 semester is 525. The load benchmark for SDCCD’s 16.5 week semester is 557.

In Spring 2014, the load value for each college was lower than the four term spring average.

Table 3. Load by Term and College for Spring Terms

	Spring 2011	Spring 2012	Spring 2013	Spring 2014	Spring Avg.
City College/ECC	568	577	555	527	557
Mesa College	553	575	562	521	553
Miramar College	537	575	571	539	555
Total	554	576	562	527	554

Source: SDCCD Information System

Note 1. Sections with zero WSCH, 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 2014 decreased by 4% compared to the previous spring term.

Table 4. Fill Rate by Term, Campus, and Modality

		Spring 2011			Spring 2012			Spring 2013			Spring 2014		
		Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate
On Campus	City College/ECC	35,740	41,148	87%	33,759	39,292	86%	33,100	37,413	88%	32,996	40,105	81%
	Mesa College	56,598	60,723	91%	55,956	58,628	92%	55,628	60,017	89%	53,063	59,710	86%
	Miramar College	20,579	22,062	93%	20,924	21,606	97%	20,260	21,119	97%	20,638	22,075	93%
	Total	112,917	123,933	90%	110,639	119,526	91%	108,988	118,549	90%	106,697	121,890	86%
Online	City College/ECC	6,450	7,166	90%	5,621	6,406	88%	5,158	6,198	83%	5,341	6,706	80%
	Mesa College	8,585	10,006	86%	7,967	9,459	84%	7,820	9,242	85%	7,518	9,209	82%
	Miramar College	5,691	6,235	91%	6,166	6,582	94%	4,841	5,181	93%	4,749	5,437	87%
	Total	20,726	23,407	89%	19,754	22,447	88%	17,819	20,621	86%	17,608	21,352	82%
Total	City College/ECC	42,190	48,314	88%	39,380	45,698	86%	38,258	43,611	87%	38,337	46,811	81%
	Mesa College	65,183	70,729	90%	63,923	68,087	91%	63,448	69,259	88%	60,581	68,919	85%
	Miramar College	26,270	28,297	92%	27,090	28,188	96%	25,101	26,300	96%	25,387	27,512	92%
	Total	133,643	147,340	90%	130,393	141,973	90%	126,807	139,170	89%	124,305	143,242	85%

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 is excluded from the City College/ECC and Miramar College.