



College Productivity Report

Fall 2013

Prepared by:
Office of Institutional Research and Planning
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College Productivity Report – Fall 2013 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 fall terms including Fall 2013.

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 Fall 2013 compared to the previous term, and fell below the average. For Fall 2013, the average class size for each college was as follows: City/ECC 32.62, Mesa 33.33, Miramar 34.22, and District 33.27. The District benchmark (based on the average of the reported four fall terms) is 17.06.

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

	Fall 2010	Fall 2011	Fall 2012	Fall 2013	Fall Avg.
City College/ECC	16.90	16.55	16.82	16.31	16.65
Mesa College	17.00	17.47	17.61	16.66	17.18
Miramar College	17.24	17.76	17.83	17.11	17.48
Total	17.01	17.22	17.39	16.63	17.06

Source: SDCCD Information System

Note 1. Non-residents, intersession, 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 overall yields for Census Week, Census Day, and Positive Attendance Credit decreased in Fall 2013 compared to the previous term. In Fall 2013 these three accounting methods dropped below the fall average and the yields are the lowest over the four reported terms.

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

	Fall 2010	Fall 2011	Fall 2012	Fall 2013	Fall Avg.
Census Week	3.43	3.37	3.40	3.09	3.32
Census Day	2.68	2.77	2.95	2.67	2.76
Positive Attendance-Credit, Reg	2.16	2.11	2.10	1.90	2.08
Positive Attendance-Credit, Inservice	3.57	4.96	8.88	7.39	5.88
Independent Study, Census Week	3.61	3.67	3.83	3.61	3.68
Work Experience, Census Week	0.53	0.41	0.45	0.35	0.44
Independent Study, Census Day	2.68	2.44	2.42	2.49	2.51
Work Experience, Census Day	0.42	0.57	0.46	0.32	0.41
Total/Average	3.15	3.20	3.26	3.01	3.15

Source: SDCCD Information System

Note 1. Non-residents, intersession, 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)

		Fall 2010	Fall 2011	Fall 2012	Fall 2013	Fall Avg.
City College/ ECC	Census Week	3.55	3.41	3.45	3.21	3.40
	Census Day	2.57	2.64	2.84	2.43	2.61
	Positive Attendance-Credit, Reg	2.48	2.29	2.23	2.02	2.26
	Independent Study, Census Week	3.34	3.39	3.72	3.51	3.48
	Work Experience, Census Week	0.68	0.16	0.41	0.42	0.49
	Independent Study, Census Day	1.59	1.47	1.54	1.77	1.59
	Total/Average	3.13	3.06	3.11	2.90	3.05
Mesa College	Census Week	3.25	3.24	3.24	2.86	3.14
	Census Day	2.77	2.87	3.04	2.78	2.86
	Positive Attendance-Credit, Reg	1.91	1.98	2.03	1.98	1.98
	Independent Study, Census Week	3.66	3.67	3.85	3.60	3.70
	Work Experience, Census Week	0.48	0.37	0.36	0.28	0.37
	Independent Study, Census Day	3.10	2.79	2.58	2.49	2.75
	Work Experience, Census Day	0.38			0.06	0.33
Total/Average	3.05	3.09	3.11	2.82	3.02	
Miramar College	Census Week	3.63	3.62	3.68	3.40	3.58
	Census Day	2.73	2.88	3.04	3.11	2.94
	Positive Attendance-Credit, Reg	1.67	1.77	1.80	1.38	1.65
	Positive Attendance-Credit, Inservice	3.57	4.96	8.88	7.39	5.88
	Independent Study, Census Week	3.91	3.99	3.92	3.72	3.89
	Work Experience, Census Week	0.36	0.93	1.03	0.94	0.67
	Independent Study, Census Day	3.19	3.51	3.54	3.47	3.42
	Work Experience, Census Day	0.66	0.57	0.46	0.46	0.51
Total/Average	3.38	3.61	3.79	3.56	3.58	

Source: SDCCD Information System

Load

Data were used from end of term to calculate 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 benchmark for load is 525, however the benchmark for SDCCD's 16.5 week semester is 557.

In Fall 2013, the load values for all three colleges decreased compared to the previous term, and all were below the four year average 573.

Table 3. Load by Term and College for Fall Terms

	Fall 2010	Fall 2011	Fall 2012	Fall 2013
City College/ECC	581	567	579	560
Mesa College	569	583	586	556
Miramar College	568	585	581	560
Total	572	578	583	558

Source: SDCCD Information System

Load: The ratio of Weekly Student Contact Hours (WSCH) to Full-time Equivalent Faculty (FTEF). The statewide Load benchmark for a 17.5 week semester is 525. The Load benchmark for SDCCD's 16.5 week semester is 557.

Note 1. Sections with zero WSCH, positive attendance, intersession, in-service, and cancelled sections are excluded.

Fill Rate

The capacity and enrollment data, for all accounting methods, were used to calculate fill rates. Data were as of end of term and were used for all four terms. Enrollment as of census 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 each college in Fall 2013 decreased compared to the previous fall term and were the lowest in four years.

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

		Fall 2010			Fall 2011			Fall 2012			Fall 2013		
		Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate
On Campus	City College/ECC	37,200	42,846	88%	35,748	40,622	87%	33,598	36,200	92%	33,670	38,784	86%
	Mesa College	55,960	57,797	94%	55,936	56,610	96%	55,189	56,026	95%	55,076	59,134	90%
	Miramar College	19,534	20,138	98%	20,266	20,217	99%	19,159	18,922	101%	20,763	21,217	97%
	Total	112,694	120,781	92%	111,950	117,449	93%	107,946	111,148	95%	109,509	119,135	90%
Online	City College/ECC	6,092	7,067	86%	6,238	7,220	86%	5,823	6,754	86%	5,205	6,219	84%
	Mesa College	7,220	8,454	85%	7,182	7,991	89%	6,636	7,559	88%	7,313	8,832	83%
	Miramar College	5,196	5,619	92%	5,422	5,725	95%	4,793	5,174	93%	4,799	5,362	90%
	Total	18,508	21,140	88%	18,842	20,936	90%	17,252	19,487	89%	17,317	20,413	85%
Total	City College/ECC	43,292	49,913	87%	41,986	47,842	87%	39,421	42,954	91%	38,875	45,003	86%
	Mesa College	63,180	66,251	93%	63,118	64,601	95%	61,825	63,585	94%	62,389	67,966	89%
	Miramar College	24,730	25,757	96%	25,688	25,942	98%	23,952	24,096	99%	25,562	26,579	95%
	Total	131,202	141,921	92%	130,792	138,385	93%	125,198	130,635	94%	126,826	139,548	89%

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, intersession, 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.