



College Productivity Report

Spring 2013

Prepared by:

Office of Institutional Research and Planning
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College Productivity Report - Spring 2013 As of First 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 2013.

FTES/FTEF Ratio

FTES and FTEF data are from First Census and only include the Census Week accounting method. 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 2013 compared to the previous term. For Spring 2013, the average class size for each college was as follows: City/ECC 34.9, Mesa 34.4, Miramar 35.7, and District 34.8. The District benchmark (based on the average of the reported four spring terms) is 17.5.

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

	Spring 2010	Spring 2011	Spring 2012	Spring 2013	Spring Avg.
City College/ECC	18.58	17.53	17.89	17.45	17.85
Mesa College	17.60	16.95	17.48	17.20	17.30
Miramar College	17.88	16.40	17.45	17.87	17.37
Total	17.95	17.02	17.60	17.40	17.48

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 First Census 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 City College/ECC yields for Independent Study Census Week increased in 2013 compared to 2012. At Mesa College, the Work Experience Census Week yields for Spring 2013 increased compared to Spring 2012. Miramar College showed improvement in Census Week, In-service, and Independent Study Census Day yields in 2013 compared to 2012.

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

	Spring 2010	Spring 2011	Spring 2012	Spring 2013	Spring Average
Census Week	3.56	3.35	3.44	3.44	3.44
Census Day	2.71	2.71	2.97	2.68	2.77
Positive Attendance-Credit, Inservice	1.04	2.01	2.65	5.56	2.17
Independent Study, Census Week	3.90	3.58	3.65	3.76	3.71
Work Experience, Census Week	0.64	0.54	0.39	0.45	0.52
Independent Study, Census Day	3.11	2.92	3.06	2.79	2.97
Work Experience, Census Day	0.64	1.41	0.57	0.19	0.66
Total/Average	3.39	3.23	3.35	3.34	3.32

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.

Table 2. FTES Yields (Credit and Resident only)

		Spring 2010	Spring 2011	Spring 2012	Spring 2013	Spring Average
City College/ ECC	Census Week	3.76	3.50	3.59	3.58	3.61
	Census Day	2.48	2.65	2.83	2.41	2.59
	Independent Study, Census Week	3.83	3.44	3.37	3.76	3.59
	Work Experience, Census Week	0.55	0.58	0.46	0.43	0.51
	Independent Study, Census Day	2.21	2.09	2.17	1.92	2.08
	Work Experience, Census Day	0.13				0.13
	Total/Average	3.43	3.26	3.34	3.27	3.33
Mesa College	Census Week	3.32	3.16	3.25	3.21	3.23
	Census Day	2.84	2.63	3.29	2.91	2.91
	Independent Study, Census Week	3.95	3.56	3.69	3.67	3.70
	Work Experience, Census Week	0.64	0.45	0.30	0.47	0.48
	Independent Study, Census Day	3.62	3.34	3.10	2.94	3.24
	Work Experience, Census Day	0.78				0.78
	Total/Average	3.26	3.11	3.25	3.22	3.21
Miramar College	Census Week	3.76	3.47	3.59	3.69	3.62
	Census Day	3.06	2.98	2.71	2.94	2.93
	Positive Attendance-Credit, Inservice	1.04	2.01	2.65	5.56	2.17
	Independent Study, Census Week	3.93	3.76	3.94	3.87	3.87
	Work Experience, Census Week	1.27	0.94	0.60	0.60	0.85
	Independent Study, Census Day	3.43	3.08	3.62	3.67	3.46
	Work Experience, Census Day	0.44	1.41	0.57	0.19	0.65
	Total/Average	3.55	3.41	3.54	3.66	3.54

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.

Load

Data were used from First Census 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 benchmark for load is 525.

In Spring 2013, the load values for Miramar College increased compared to the previous term.

Table 3. Load by Term and College for Spring Terms

	Spring 2010	Spring 2011	Spring 2012	Spring 2013
City College/ECC	592	560	572	556
Mesa College	571	552	568	564
Miramar College	583	537	565	572
Total	580	551	569	563

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, in-service, and cancelled sections are excluded.

Fill Rate

The enrollment and capacity data, for all accounting methods, were used to analyze fill rates. Data were as of First Census 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 0.63.

The overall fill rates for City/ECC and Miramar Colleges in Spring 2013 were similar to the previous spring term.

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

		Spring 2010			Spring 2011			Spring 2012			Spring 2013		
		Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate
On Campus	City/ECC	34,521	36,979	94%	34,641	36,958	94%	33,635	36,314	92%	32,779	34,750	93%
	Mesa	51,935	54,075	96%	55,647	59,741	92%	54,407	57,244	94%	53,715	57,801	91%
	Miramar	17,730	17,373	101%	19,709	20,150	95%	19,786	19,827	99%	19,485	19,542	99%
	Total	104,186	108,427	96%	109,997	116,848	93%	107,828	113,386	94%	105,979	112,092	93%
Online	City/ECC	5,310	5,670	94%	6,396	6,953	92%	5,679	6,300	90%	5,125	5,938	86%
	Mesa	6,526	6,820	96%	8,830	10,006	88%	8,276	9,459	87%	7,975	8,907	90%
	Miramar	4,879	5,235	93%	5,722	6,205	92%	6,184	6,582	94%	4,685	4,956	95%
	Total	16,715	17,725	94%	20,948	23,164	90%	20,139	22,341	90%	17,785	19,801	90%
Total	City/ECC	39,831	42,649	94%	41,037	43,911	93%	39,314	42,615	92%	37,904	40,688	92%
	Mesa	58,461	60,895	96%	64,477	69,747	91%	62,683	66,703	93%	61,690	66,708	91%
	Miramar	22,609	22,608	99%	25,431	26,355	94%	25,970	26,409	98%	24,170	24,498	98%
	Total	120,901	126,152	95%	130,945	140,012	92%	127,967	135,727	93%	123,764	131,893	92%

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, non-state supported, tutoring, and classes with less than two capacity are excluded.

Note 4. PHYE 153 is excluded from the City College/ECC and Miramar College.