



College Productivity Report

Fall 2013

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College Productivity Report - Fall 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 fall terms including Fall 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 all three colleges decreased in Fall 2013 compared to the previous term. For Fall 2013, the average class size for each college was as follows: City/ECC 34.8, Mesa 34.1, Miramar 35.0, and District 34.5. The District benchmark (based on the average of the reported four fall terms) is 17.6.

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

	Fall 2010	Fall 2011	Fall 2012	Fall 2013	Fall Avg.
City College/ECC	18.10	17.65	17.77	17.40	17.73
Mesa College	17.50	17.69	17.96	17.05	17.54
Miramar College	17.55	17.93	18.19	17.48	17.79
Total	17.70	17.72	17.95	17.23	17.64

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 Work Experience Census Week and Independent Study Census Day sections increased in 2013 compared to 2012. Miramar College showed improvement in Census Day yields in 2013 compared to 2012.

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

	Fall 2010	Fall 2011	Fall 2012	Fall 2013	Fall Average
Census Week	3.48	3.42	3.45	3.13	3.37
Census Day	2.61	2.72	2.72	2.48	2.63
Positive Attendance-Credit, Inservice	1.10	2.91	11.00	3.10	4.68
Independent Study, Census Week	3.63	3.66	3.84	3.62	3.69
Work Experience, Census Week	0.53	0.41	0.45	0.35	0.44
Independent Study, Census Day	3.40	2.93	2.98	2.90	3.05
Work Experience, Census Day	0.73	0.47	0.27	0.16	0.49
Total/Average	3.32	3.33	3.36	3.07	3.27

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)

		Fall 2010	Fall 2011	Fall 2012	Fall 2013	Fall Average
City College/ ECC	Census Week	3.65	3.49	3.53	3.28	3.48
	Census Day	2.30	2.44	2.43	2.09	2.31
	Independent Study, Census Week	3.36	3.37	3.73	3.52	3.49
	Work Experience, Census Week	0.67	0.16	0.41	0.42	0.49
	Independent Study, Census Day	2.77	1.87	2.06	2.40	2.21
	Total/Average	3.32	3.23	3.28	3.06	3.22
Mesa College	Census Week	3.26	3.26	3.25	2.88	3.16
	Census Day	3.12	3.13	3.11	2.76	3.04
	Independent Study, Census Week	3.69	3.67	3.82	3.64	3.71
	Work Experience, Census Week	0.48	0.37	0.36	0.28	0.37
	Independent Study, Census Day	3.60	3.27	3.21	2.75	3.22
	Work Experience, Census Day	0.79			0.06	0.67
	Total/Average	3.23	3.25	3.25	2.90	3.15
Miramar College	Census Week	3.67	3.65	3.73	3.46	3.62
	Census Day	2.38	2.68	2.77	3.00	2.70
	Positive Attendance-Credit, Inservice	1.10	2.91	11.00	3.10	4.68
	Independent Study, Census Week	3.93	4.01	4.00	3.73	3.92
	Work Experience, Census Week	0.37	0.93	1.03	0.94	0.67
	Independent Study, Census Day	3.51	4.03	3.82	3.61	3.72
	Work Experience, Census Day	0.47	0.47	0.27	0.20	0.31
	Total/Average	3.50	3.63	3.72	3.45	3.57

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 Fall 2013, the load values for each college decreased compared to the previous term.

Table 3. Load by Term and College for Fall Terms

	Fall 2010	Fall 2011	Fall 2012	Fall 2013
City College/ECC	576	566	576	556
Mesa College	572	575	583	564
Miramar College	564	582	580	560
Total	572	573	580	561

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 each college in Fall 2013 decreased compared to the previous fall term.

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/ECC	36,044	38,410	94%	35,282	37,482	93%	33,225	34,112	96%	33,087	36,186	90%
	Mesa	53,920	56,386	95%	53,604	54,879	97%	52,528	53,899	97%	52,353	57,012	91%
	Miramar	18,530	18,663	99%	19,202	18,563	101%	18,846	18,146	102%	19,275	19,268	100%
	Total	108,494	113,459	95%	108,088	110,924	96%	104,599	106,157	97%	104,715	112,466	92%
Online	City/ECC	6,033	6,853	88%	6,325	7,114	89%	5,903	6,674	88%	5,203	6,139	85%
	Mesa	7,636	8,454	90%	7,344	7,871	91%	7,019	7,559	93%	7,544	8,832	85%
	Miramar	5,260	5,618	94%	5,477	5,730	96%	4,866	5,174	94%	4,841	5,362	90%
	Total	18,929	20,925	90%	19,146	20,715	92%	17,788	19,407	92%	17,588	20,333	86%
Total	City/ECC	42,077	45,263	93%	41,607	44,596	92%	39,128	40,787	94%	38,290	42,325	89%
	Mesa	61,556	64,840	95%	60,948	62,750	96%	59,547	61,458	97%	59,897	65,844	91%
	Miramar	23,790	24,281	97%	24,679	24,293	100%	23,712	23,320	100%	24,116	24,630	97%
	Total	127,423	134,384	94%	127,234	131,639	96%	122,387	125,565	96%	122,303	132,799	91%

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.

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