



College Productivity Report

Spring 2014

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Office of Institutional Research and Planning
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College Productivity Report - Spring 2014 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 2014.

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 Spring 2014 compared to the previous term. In Spring 2014 the FTES/FTEF ratio dropped below the four term average for each college. The following are the average FTES/FTEF ratio for each college: City/ECC 17.24, Mesa 16.96, and Miramar 17.06. The District benchmark (based on the average of the reported four spring terms) is 17.06. In addition, the average class size for Spring 2014 was as follows: City/ECC 32.67, Mesa 32.83, Miramar 33.58, and District 32.92.

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

	Spring 2011	Spring 2012	Spring 2013	Spring 2014	Spring Avg.
City College/ECC	17.51	17.85	17.35	16.34	17.24
Mesa College	16.92	17.41	17.10	16.42	16.96
Miramar College	16.35	17.38	17.75	16.79	17.06
Total	16.99	17.53	17.29	16.46	17.06

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 overall yields for Positive Attendance-Credit In-service, Independent Study Census Day, and Work Experience Census Day increased in Spring 2014 compared to 2013. The Spring 2014 Census Week and Census Day yields are below the spring average and the yields have hit a low for the four reported terms.

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

	Spring 2011	Spring 2012	Spring 2013	Spring 2014	Spring Average
Census Week	3.34	3.43	3.42	3.04	3.30
Census Day	2.70	2.97	2.67	2.23	2.64
Positive Attendance-Credit, Inservice	2.50	2.65	5.56	12.50	4.86
Independent Study, Census Week	3.57	3.65	3.74	3.60	3.64
Work Experience, Census Week	0.54	0.39	0.45	0.32	0.42
Independent Study, Census Day	2.92	3.06	2.77	3.11	2.97
Work Experience, Census Day	1.41	0.57	0.19	0.20	0.52
Total/Average	3.23	3.34	3.32	3.01	3.22

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 2011	Spring 2012	Spring 2013	Spring 2014	Spring Average
City College/ ECC	Census Week	3.50	3.59	3.56	3.12	3.44
	Census Day	2.65	2.83	2.41	2.05	2.47
	Independent Study, Census Week	3.44	3.36	3.75	3.63	3.53
	Work Experience, Census Week	0.58	0.46	0.43	0.42	0.48
	Independent Study, Census Day	2.09	2.16	1.91	2.59	2.18
	Total/Average	3.25	3.34	3.26	2.95	3.19
Mesa College	Census Week	3.16	3.24	3.19	2.86	3.11
	Census Day	2.62	3.28	2.90	2.22	2.76
	Independent Study, Census Week	3.55	3.68	3.65	3.55	3.61
	Work Experience, Census Week	0.45	0.30	0.47	0.23	0.32
	Independent Study, Census Day	3.34	3.10	2.93	3.15	3.13
	Work Experience, Census Day				0.31	0.31
	Total/Average	3.10	3.24	3.20	2.83	3.09
Miramar College	Census Week	3.46	3.57	3.67	3.28	3.49
	Census Day	2.96	2.70	2.92	2.90	2.87
	Positive Attendance-Credit, Inservice	2.50	2.65	5.56	12.50	4.86
	Independent Study, Census Week	3.75	3.93	3.85	3.62	3.79
	Work Experience, Census Week	0.94	0.60	0.57	0.57	0.67
	Independent Study, Census Day	3.07	3.62	3.65	3.57	3.49
	Work Experience, Census Day	1.41	0.57	0.19	0.09	0.57
	Total/Average	3.41	3.53	3.64	3.47	3.51

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 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 Spring 2014, the load values for each college decreased compared to the previous term and these are the lowest values of the four reported terms.

Table 3. Load by Term and College for Spring Terms

	Spring 2011	Spring 2012	Spring 2013	Spring 2014
City College/ECC	560	572	556	526
Mesa College	552	568	564	529
Miramar College	537	565	572	542
Total	551	569	563	530

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 Spring 2014 decreased 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									
On Campus	City/ECC	35,480	38,268	93%	33,557	36,314	91%	32,611	34,750	92%	32,725	37,638	85%
	Mesa	55,896	59,741	92%	54,198	57,244	93%	53,394	57,801	91%	52,400	58,495	87%
	Miramar	19,877	20,476	94%	19,703	19,827	99%	19,350	19,542	98%	18,814	20,048	95%
	Total	111,253	118,485	92%	107,458	113,386	94%	105,355	112,092	92%	103,939	116,180	88%
Online	City/ECC	6,485	7,032	92%	5,669	6,300	90%	5,105	5,938	86%	5,628	6,656	85%
	Mesa	8,820	10,006	88%	8,260	9,459	87%	7,946	8,907	89%	7,823	9,209	85%
	Miramar	5,707	6,205	92%	6,177	6,582	94%	4,658	4,956	94%	4,856	5,437	89%
	Total	21,012	23,243	90%	20,106	22,341	90%	17,709	19,801	89%	18,307	21,302	86%
Total	City/ECC	41,965	45,300	92%	39,226	42,615	91%	37,716	40,688	91%	38,353	44,293	85%
	Mesa	64,716	69,747	91%	62,458	66,703	92%	61,340	66,708	90%	60,223	67,704	87%
	Miramar	25,584	26,681	94%	25,880	26,409	97%	24,008	24,498	97%	23,670	25,485	94%
	Total	132,265	141,728	92%	127,564	135,727	93%	123,064	131,893	92%	122,246	137,482	88%

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.