



College Productivity Report

Spring 2015

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Office of Institutional Research and Planning
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College Productivity Report - Spring 2015 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 2015.

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 2015 compared to the previous term. In Spring 2015 the FTES/FTEF ratio was lower than the four term average for each college. The following are the average FTES/FTEF ratio for each college: City/ECC 16.88, Mesa 16.62, and Miramar 17.00. The All College benchmark (based on the average of the reported four spring terms) is 16.77. In addition, the average class size for Spring 2015 was as follows: City/ECC 32.26, Mesa 31.17, Miramar 32.43, and All Colleges 31.76.

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

	Spring 2012	Spring 2013	Spring 2014	Spring 2015	Spring Avg.
City College/ECC	17.85	17.35	16.33	16.13	16.88
Mesa College	17.41	17.10	16.42	15.59	16.62
Miramar College	17.38	17.75	16.79	16.21	17.00
Total	17.53	17.29	16.46	15.88	16.77

Source: SDCCD Information System

Note. 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 Census Day, Work Experience Census Day, Online Census Day, and Work Experience Census Week increased in Spring 2015 compared to 2014. The Spring 2015 Census Week and Online Census Week yields are below the spring average. The census week yields have hit a low for the four reported terms.

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

	Spring 2012	Spring 2013	Spring 2014	Spring 2015	Spring Average
Census Week	3.43	3.42	3.04	2.83	3.16
Census Day	2.97	2.67	2.23	2.24	2.53
Positive Attendance-Credit, Inservice	2.65	5.56	12.50	3.66	5.32
Online, Census Week	3.65	3.74	3.60	3.58	3.64
Online, Census Day	3.06	2.77	3.11	3.15	3.02
Work Experience, Census Day	0.57	0.19	0.20	0.44	0.38
Work Experience, Census Week	0.39	0.45	0.32	0.36	0.37

Source: SDCCD Information System

Note. 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 2b. FTES Yields (Credit and Resident only)

		Spring 2012	Spring 2013	Spring 2014	Spring 2015	Spring Average
City College/ ECC	Census Week	3.59	3.56	3.12	2.99	3.30
	Census Day	2.83	2.41	2.05	2.14	2.35
	Online, Census Week	3.36	3.75	3.63	3.77	3.61
	Online, Census Day	2.16	1.91	2.59	3.20	2.43
	Work Experience, Census Day				0.51	0.51
	Work Experience, Census Week	0.46	0.43	0.42	0.44	0.44
Mesa College	Census Week	3.24	3.19	2.86	2.65	2.97
	Census Day	3.28	2.90	2.22	1.88	2.58
	Online, Census Week	3.68	3.65	3.55	3.63	3.63
	Online, Census Day	3.10	2.93	3.15	2.79	2.98
	Work Experience, Census Day			0.31	0.13	0.19
	Work Experience, Census Week	0.30	0.47	0.23	0.20	0.24
Miramar College	Census Week	3.57	3.67	3.28	2.90	3.33
	Census Day	2.70	2.92	2.90	3.29	2.95
	Positive Attendance-Credit, Inservice	2.65	5.56	12.50	3.66	5.32
	Online, Census Week	3.93	3.85	3.62	3.32	3.68
	Online, Census Day	3.62	3.65	3.57	3.71	3.63
	Work Experience, Census Day	0.57	0.19	0.09	0.63	0.42
	Work Experience, Census Week	0.60	0.57	0.57	1.14	0.76

Source: SDCCD Information System

Note. 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 2015, 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 2012	Spring 2013	Spring 2014	Spring 2015	Spring Avg.
City College/ECC	572	556	526	523	543
Mesa College	568	564	529	507	541
Miramar College	565	572	542	525	550
Total	569	563	530	515	544

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. 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 College in Spring 2015 remained stable compared to the previous spring term. The Spring 2015 fill rates for Mesa and Miramar College were the lowest of the four terms reported.

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

		Spring 2012			Spring 2013			Spring 2014			Spring 2015		
		Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate
On Campus	City/ECC	33,557	35,845	92%	32,611	34,383	93%	32,725	37,217	86%	32,366	36,876	86%
	Mesa	54,198	57,124	93%	53,394	57,721	91%	52,400	58,403	87%	50,264	58,432	85%
	Miramar	19,703	19,587	99%	19,350	19,348	98%	18,814	19,806	94%	20,658	22,630	90%
	Total	107,458	112,556	94%	105,355	111,452	93%	103,939	115,426	88%	103,288	117,938	86%
Online	City/ECC	5,669	6,257	91%	5,105	5,902	86%	5,628	6,634	85%	5,550	6,536	85%
	Mesa	8,260	9,459	87%	7,946	8,907	89%	7,823	9,209	85%	9,157	10,872	84%
	Miramar	6,177	6,582	94%	4,658	4,956	94%	4,856	5,437	89%	4,975	5,771	86%
	Total	20,106	22,298	90%	17,709	19,765	90%	18,307	21,280	86%	19,682	23,179	85%
Total	City/ECC	39,226	42,102	92%	37,716	40,285	92%	38,353	43,851	86%	37,916	43,412	86%
	Mesa	62,458	66,583	93%	61,340	66,628	91%	60,223	67,612	87%	59,421	69,304	85%
	Miramar	25,880	26,169	98%	24,008	24,304	97%	23,670	25,243	93%	25,633	28,401	89%
	Total	127,564	134,854	93%	123,064	131,217	92%	122,246	136,706	88%	122,970	141,117	86%

Source: SDCCD Information System

Note 1. Cancelled and tutoring classes are excluded from 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 and EXSC 124A-124D are excluded from City College/ECC and Miramar College.