



College Productivity Report

Fall 2014

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College Productivity Report - Fall 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 fall terms including Fall 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 Fall 2014 compared to the previous term. For Fall 2014, the average class size for each college was as follows: City/ECC 32.9, Mesa 32.6, Miramar 33.5, and District 32.9. The District benchmark (based on the average of the reported four fall terms) is 17.3.

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

	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall Avg.
City College/ECC	17.60	17.69	17.27	16.46	17.23
Mesa College	17.63	17.87	16.91	16.30	17.17
Miramar College	17.86	18.08	17.33	16.76	17.48
Total	17.67	17.85	17.10	16.44	17.25

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 and Mesa College yields for Independent Study Census Week, Work Experience Census Week, and Independent Study Census Day sections increased in 2014 compared to 2013. Miramar College showed improvement in Census Day and Work Experience Census Week yields in 2014 compared to 2013.

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

	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall Average
Census Week	3.41	3.43	3.11	2.87	3.19
Census Day	2.72	2.70	2.46	2.29	2.54
Positive Attendance-Credit, Inservice	2.91	11.00	3.10	0.02	4.91
Independent Study, Census Week	3.66	3.83	3.61	3.67	3.69
Work Experience, Census Week	0.41	0.44	0.35	0.46	0.42
Independent Study, Census Day	2.93	2.97	2.88	3.08	2.97
Work Experience, Census Day	0.38	0.27	0.16	0.08	0.19
Total/Average	3.32	3.35	3.05	2.88	3.14

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 2011	Fall 2012	Fall 2013	Fall 2014	Fall Average
City College/ ECC	Census Week	3.49	3.51	3.26	2.83	3.25
	Census Day	2.43	2.42	2.07	1.88	2.19
	Independent Study, Census Week	3.37	3.72	3.50	3.71	3.57
	Work Experience, Census Week	0.16	0.41	0.41	0.62	0.46
	Independent Study, Census Day	1.87	2.06	2.37	3.05	2.30
	Total/Average	3.23	3.27	3.04	2.79	3.07
Mesa College	Census Week	3.25	3.24	2.86	2.75	3.02
	Census Day	3.12	3.08	2.73	2.43	2.84
	Independent Study, Census Week	3.66	3.81	3.62	3.73	3.71
	Work Experience, Census Week	0.37	0.36	0.28	0.31	0.33
	Independent Study, Census Day	3.27	3.20	2.73	2.82	2.98
	Work Experience, Census Day			0.06		0.06
	Total/Average	3.24	3.24	2.88	2.79	3.03
Miramar College	Census Week	3.64	3.71	3.42	3.17	3.47
	Census Day	2.68	2.73	2.98	3.04	2.87
	Positive Attendance-Credit, Inservice	2.91	11.00	3.10	0.02	4.91
	Independent Study, Census Week	4.01	3.99	3.71	3.54	3.81
	Work Experience, Census Week	0.93	0.98	0.94	1.13	0.98
	Independent Study, Census Day	4.01	3.81	3.59	3.54	3.72
	Work Experience, Census Day	0.38	0.27	0.20	0.08	0.21
	Total/Average	3.62	3.70	3.42	3.22	3.48

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 2014, the load values for each college decreased compared to the previous term.

Table 3. Load by Term and College for Fall Terms

	Fall 2011	Fall 2012	Fall 2013	Fall 2014
City College/ECC	566	576	556	530
Mesa College	575	583	564	541
Miramar College	582	580	560	540
Total	573	580	561	537

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 2014 decreased compared to the previous fall term.

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

		Fall 2011			Fall 2012			Fall 2013			Fall 2014		
		Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate
On Campus	City/ECC	35,194	37,482	92%	33,084	34,112	95%	32,846	36,186	89%	33,026	37,387	86%
	Mesa	53,438	54,878	97%	52,264	53,899	97%	51,937	57,011	91%	49,826	55,605	89%
	Miramar	19,129	18,563	101%	18,726	18,146	101%	19,108	19,268	99%	19,453	20,316	95%
	Total	107,761	110,924	96%	104,074	106,157	97%	103,891	112,465	92%	102,305	113,308	89%
Online	City/ECC	6,318	7,114	89%	5,887	6,674	88%	5,179	6,139	84%	5,375	6,662	81%
	Mesa	7,332	7,871	91%	6,998	7,559	93%	7,502	8,832	85%	7,519	8,928	84%
	Miramar	5,462	5,730	95%	4,852	5,174	94%	4,818	5,362	90%	4,983	5,665	88%
	Total	19,112	20,715	92%	17,737	19,407	91%	17,499	20,333	86%	17,877	21,255	84%
Total	City/ECC	41,512	44,596	92%	38,971	40,787	94%	38,025	42,325	89%	38,401	44,049	85%
	Mesa	60,770	62,749	96%	59,262	61,458	96%	59,439	65,843	90%	57,345	64,533	89%
	Miramar	24,591	24,293	100%	23,578	23,320	99%	23,926	24,630	97%	24,436	25,981	94%
	Total	126,873	131,639	95%	121,811	125,565	96%	121,390	132,798	91%	120,182	134,563	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, tutoring, and classes with less than two capacity are excluded.

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