



College Productivity Report

Fall 2014

Prepared by:
Office of Institutional Research and Planning
February 2015

College Productivity Report – Fall 2014 As of Final 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 end of term. 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. The FTES/FTEF ratio for Fall 2014 was lower than the four term average. For Fall 2014, the average class size for each college was as follows: City/ECC 31.0, Mesa 31.5, Miramar 32.7, and All Colleges 31.6. The All Colleges benchmark (based on the average FTES/FTEF of the reported four fall terms) is 16.8.

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

	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall Avg.
City College/ECC	16.59	16.82	16.31	15.51	16.29
Mesa College	17.53	17.61	16.67	15.75	16.87
Miramar College	17.82	17.83	17.12	16.36	17.26
Total	17.27	17.39	16.64	15.79	16.75

Source: SDCCD Information System

Note. Non-residents, tutoring, apprenticeship, in-service, non-state supported, and cancelled classes were excluded.

Yields

Data were used from end of term 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 three colleges showed improvement in a few accounting methods in 2014 compared to the previous term (see Table 2). The City College/ECC yields increased in Online Census Week and Census Day in Fall 2014 compared to 2013. Mesa College yields increased in Online Census Week in Fall 2014 compared to 2013. Miramar College showed improvement in Positive Attendance-Credit Inservice and Work Experience Census Week in Fall 2014 compared to Fall 2013.

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

	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall Avg.
Census Week	3.38	3.40	3.09	2.83	3.16
Census Day	2.78	2.95	2.67	2.42	2.70
Positive Attendance-Credit, Reg	2.11	2.10	1.90	1.89	2.01
Positive Attendance-Credit, Inservice	4.96	8.88	7.40	7.95	7.13
Online, Census Week	3.67	3.83	3.61	3.66	3.69
Online, Census Day	2.44	2.42	2.49	2.51	2.47
Work Experience, Census Week	0.41	0.45	0.35	0.45	0.42
Work Experience, Census Day	0.57	0.46	0.32	0.47	0.42

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.

San Diego Community College District

Table 2. FTES Yields (Credit and Resident only)

		Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall Avg.
City College/ ECC	Census Day	2.64	2.84	2.43	2.14	2.50
	Census Week	3.42	3.45	3.21	2.77	3.19
	Positive Attendance-Credit, Reg	2.30	2.23	2.02	2.03	2.15
	Online, Census Week	3.39	3.72	3.51	3.70	3.58
	Online, Census Day	1.47	1.54	1.77	1.95	1.68
	Work Experience, Census Week	0.16	0.41	0.42	0.58	0.45
Mesa College	Census Day	2.88	3.04	2.78	2.38	2.77
	Census Week	3.25	3.24	2.86	2.74	3.01
	Positive Attendance-Credit, Reg	1.98	2.03	1.98	2.03	2.01
	Online, Census Week	3.68	3.85	3.60	3.72	3.71
	Online, Census Day	2.79	2.58	2.49	2.47	2.57
	Work Experience, Census Week	0.37	0.36	0.28	0.31	0.33
	Work Experience, Census Day			0.06		0.06
Miramar College	Census Day	2.88	3.04	3.11	3.07	3.04
	Census Week	3.63	3.68	3.40	3.11	3.44
	Positive Attendance-Credit, Reg	1.77	1.80	1.38	1.33	1.56
	Positive Attendance-Credit, Inservice	4.96	8.88	7.40	7.95	7.13
	Online, Census Week	3.99	3.92	3.72	3.53	3.80
	Online, Census Day	3.53	3.54	3.47	3.25	3.44
	Work Experience, Census Week	0.93	1.03	0.94	1.13	1.00
	Work Experience, Census Day	0.57	0.46	0.46	0.47	0.48

Source: SDCCD Information System

Load

Data were used from end of term 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 load benchmark for a 17.5 semester is 525. The load benchmark for SDCCD's 16.5 week semester is 557.

In Fall 2014, the load value for each college was lower than the four term fall average.

Table 3. Load by Term and College for Fall Terms

	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall Avg.
City College/ECC	572	579	560	532	560
Mesa College	588	586	556	527	563
Miramar College	593	581	560	539	568
Total	584	583	558	531	563

Source: SDCCD Information System

Note. Sections with zero WSCH, positive attendance, in-service, and cancelled sections are excluded.

Fill Rate

The capacity and enrollment data, for all accounting methods, were used to analyze fill rates. Data were as of end of term and were used for all four terms. Enrollment as of end of term 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 63%.

The overall fill rates for Fall 2014 decreased by 3% 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 College/ECC	35,833	40,622	87%	33,598	36,200	92%	33,673	38,784	86%	33,248	39,774	82%
	Mesa College	56,122	56,610	96%	55,189	56,026	95%	55,083	59,134	90%	51,971	57,887	88%
	Miramar College	20,336	20,217	100%	19,159	18,922	101%	20,142	20,677	97%	20,445	21,927	93%
	Total	112,291	117,449	94%	107,946	111,148	95%	108,898	118,595	90%	105,664	119,588	87%
Online	City College/ECC	6,245	7,220	86%	5,823	6,754	86%	5,205	6,219	84%	5,218	6,662	78%
	Mesa College	7,193	7,991	90%	6,636	7,559	88%	7,313	8,832	83%	7,349	8,928	82%
	Miramar College	5,437	5,725	95%	4,793	5,174	93%	4,799	5,362	90%	4,878	5,665	86%
	Total	18,875	20,936	90%	17,252	19,487	89%	17,317	20,413	85%	17,445	21,255	82%
Total	City College/ECC	42,078	47,842	87%	39,421	42,954	91%	38,878	45,003	86%	38,466	46,436	82%
	Mesa College	63,315	64,601	95%	61,825	63,585	94%	62,396	67,966	89%	59,320	66,815	87%
	Miramar College	25,773	25,942	99%	23,952	24,096	99%	24,941	26,039	95%	25,323	27,592	91%
	Total	131,166	138,385	93%	125,198	130,635	94%	126,215	139,008	89%	123,109	140,843	86%

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 from the fill rate.

Note 4. PHYE 153 and EXSC 124 are excluded from the City College/ECC and Miramar College.