



College Productivity Report

Fall 2012

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Office of Institutional Research and Planning
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College Productivity Report – Fall 2012 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 2012.

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 City College/ECC increased in Fall 2012 compared to the previous term. For Fall 2012, the average class size for each college was as follows: City/ECC 33.7, Mesa 34.6, Miramar 35.6, and District 34.5. The District benchmark (based on the average of the reported four fall terms) is 17.2.

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

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall Avg.
City College/ECC	17.00	16.93	16.53	16.83	16.82
Mesa College	16.97	17.03	17.56	17.32	17.22
Miramar College	17.40	17.29	17.81	17.79	17.57
Total	17.06	17.04	17.26	17.25	17.15

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 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 2012 compared to the previous term (see Table 2). The City College/ECC yields increased in all areas in 2012 except for Positive Attendance compared to 2011. At Mesa College the Positive Attendance, and Independent Study Census Week yields for Fall 2012 increased compared to Fall 2011. Miramar College showed improvement in all yields except for Independent Study Census Week and Work Experience Census Day in 2012 compared to 2011.

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

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall Average
Census Week	3.43	3.43	3.37	3.40	3.41
Census Day	2.80	2.69	2.88	2.94	2.82
Positive Attendance-Credit, Reg	1.97	2.17	2.13	2.13	2.10
Positive Attendance-Credit, Inservice	4.96	3.57	4.96	8.89	5.27
Independent Study, Census Week	3.63	3.62	3.67	3.83	3.69
Work Experience, Census Week	0.64	0.53	0.41	0.45	0.52
Independent Study, Census Day	2.92	2.69	2.44	2.42	2.62
Work Experience, Census Day	0.39	0.42	0.57	0.46	0.42
Total/Average	3.21	3.16	3.20	3.26	3.21

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.

San Diego Community College District

Table 2. FTES Yields (Credit and Resident only)

		Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall Average
City College/ ECC	Census Week	3.55	3.55	3.39	3.45	3.49
	Census Day	2.54	2.57	2.65	2.84	2.64
	Positive Attendance-Credit, Reg	2.11	2.49	2.30	2.22	2.28
	Independent Study, Census Week	3.51	3.34	3.39	3.72	3.48
	Work Experience, Census Week	0.60	0.68	0.16	0.41	0.54
	Independent Study, Census Day	1.84	1.59	1.47	1.54	1.60
	Work Experience, Census Day	0.09				0.09
	Total/Average	3.11	3.13	3.05	3.11	3.10
Mesa College	Census Week	3.21	3.25	3.24	3.24	3.23
	Census Day	2.88	2.77	3.14	3.00	2.94
	Positive Attendance-Credit, Reg	2.03	1.92	2.01	2.04	2.00
	Independent Study, Census Week	3.70	3.66	3.68	3.85	3.73
	Work Experience, Census Week	0.60	0.48	0.37	0.36	0.46
	Independent Study, Census Day	3.30	3.10	2.79	2.58	2.94
	Work Experience, Census Day	0.42	0.38			0.40
	Total/Average	3.07	3.05	3.12	3.11	3.09
Miramar College	Census Week	3.73	3.64	3.62	3.68	3.66
	Census Day	3.21	2.75	2.91	3.04	2.97
	Positive Attendance-Credit, Reg	1.25	1.67	1.81	1.97	1.67
	Positive Attendance-Credit, Inservice	4.96	3.57	4.96	8.89	5.27
	Independent Study, Census Week	3.71	3.92	3.99	3.92	3.89
	Work Experience, Census Week	0.89	0.36	0.93	1.03	0.71
	Independent Study, Census Day	3.70	3.21	3.53	3.54	3.49
	Work Experience, Census Day	0.47	0.66	0.57	0.46	0.52
Total/Average	3.61	3.39	3.61	3.81	3.60	

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 benchmark for load is 525.

In Fall 2012, the load values for City College/ECC increased compared to the previous term.

Table 3. Load by Term and College for Fall Terms

	Fall 2009	Fall 2010	Fall 2011	Fall 2012
City College/ECC	591	581	567	579
Mesa College	568	569	584	577
Miramar College	565	568	585	581
Total	575	572	579	578

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 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 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 Fall 2012 increased compared to the previous fall term. The overall fill rates for City College/ECC in Fall 2012 increased compared to Fall 2011.

Table 4. Fill Rate by Term, Campus, Modality

		Fall 2009			Fall 2010			Fall 2011			Fall 2012		
		Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate
On Campus	City College/ECC	36,331	43,152	85%	37,252	42,846	88%	35,834	40,622	87%	33,598	36,170	92%
	Mesa College	51,876	53,224	95%	56,052	57,797	94%	56,127	56,610	96%	55,189	56,030	95%
	Miramar College	19,279	19,505	100%	19,577	20,138	98%	20,336	20,217	100%	19,159	18,922	101%
	Total	107,486	115,881	92%	112,881	120,781	93%	112,297	117,449	94%	107,946	111,122	95%
Online	City College/ECC	5,259	5,713	92%	6,095	7,067	86%	6,245	7,220	86%	5,823	6,754	86%
	Mesa College	6,062	6,840	89%	7,232	8,454	86%	7,193	7,991	90%	6,636	7,559	88%
	Miramar College	4,622	4,947	93%	5,207	5,619	93%	5,437	5,725	95%	4,793	5,174	93%
	Total	15,943	17,500	91%	18,534	21,140	88%	18,875	20,936	90%	17,252	19,487	89%
Total	City College/ECC	41,590	48,865	86%	43,347	49,913	88%	42,079	47,842	87%	39,421	42,924	91%
	Mesa College	57,938	60,064	94%	63,284	66,251	93%	63,320	64,601	95%	61,825	63,589	94%
	Miramar College	23,901	24,452	98%	24,784	25,757	97%	25,773	25,942	99%	23,952	24,096	99%
	Total	123,429	133,381	92%	131,415	141,921	92%	131,172	138,385	93%	125,198	130,609	94%

Source: SDCCD Information System

Note 1. Canceled 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, non-state supported, intersession, tutoring, and classes with less than two capacity are excluded.

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