

College Productivity Report – Fall 2011 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 2011.

FTES/FTEF Ratio

FTES and FTEF data are as of the 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 Mesa and Miramar Colleges increased in Fall 2011 compared to the previous term. For Fall 2011, the average class size for each college was as follows: City/ECC 32.9, Mesa 34.5, Miramar 35.6, and District 34.2. The District benchmark (based on the average of the reported four fall terms) is 16.8.

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

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall Avg.
City College/ECC	15.75	17.00	16.93	16.46	16.52
Mesa College	15.93	16.97	17.03	17.23	16.79
Miramar College	15.91	17.40	17.29	17.80	17.09
Total	15.87	17.06	17.04	17.08	16.76

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 the 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.

All three colleges showed improvement in Census Day and Independent Study Census Week accounting methods in 2011 compared to the previous term (see Table 2). There was improvement in Positive Attendance Credit at Mesa College for Fall 2011 compared to Fall 2010. Miramar College showed improvement in Positive Attendance (Regular & In-service) and Work Experience Census Week yields in 2011 compared to 2010.

Table 2. FTES Yields (Credit and Resident only)

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall Average
Census Week	3.09	3.43	3.43	3.37	3.33
Census Day	2.37	2.80	2.69	2.81	2.65
Positive Attendance-Credit, Reg	1.79	1.97	2.17	2.09	2.01
Positive Attendance-Credit, Inservice	8.84	4.96	3.57	4.96	5.47
Independent Study, Census Week	3.25	3.63	3.62	3.67	3.54
Work Experience, Census Week	0.57	0.64	0.53	0.41	0.55
Independent Study, Census Day	3.02	2.92	2.69	2.44	2.76
Work Experience, Census Day	0.60	0.39	0.42	0.57	0.48

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.

San Diego Community College District

Table 2. FTES Yields (Credit and Resident only)

		Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall Average
City College/ ECC	Census Week	3.10	3.55	3.55	3.39	3.40
	Census Day	2.15	2.54	2.57	2.65	2.45
	Positive Attendance-Credit, Reg	1.80	2.11	2.49	2.23	2.16
	Independent Study, Census Week	2.84	3.51	3.34	3.39	3.26
	Work Experience, Census Week	0.52	0.60	0.68	0.16	0.57
	Independent Study, Census Day	2.64	1.84	1.59	1.47	1.90
	Work Experience, Census Day		0.09			0.09
Mesa College	Census Week	3.02	3.21	3.25	3.24	3.18
	Census Day	2.55	2.88	2.77	2.93	2.78
	Positive Attendance-Credit, Reg	2.21	2.03	1.92	2.01	2.04
	Independent Study, Census Week	3.55	3.70	3.66	3.68	3.65
	Work Experience, Census Week	0.56	0.60	0.48	0.37	0.51
	Independent Study, Census Day	3.23	3.30	3.10	2.78	3.09
	Work Experience, Census Day	0.63	0.42	0.38		0.47
Miramar College	Census Week	3.20	3.73	3.64	3.61	3.53
	Census Day	2.64	3.21	2.75	2.92	2.88
	Positive Attendance-Credit, Reg	0.91	1.25	1.67	1.81	1.41
	Positive Attendance-Credit, Inservice	8.84	4.96	3.57	4.96	5.47
	Independent Study, Census Week	3.55	3.71	3.92	3.99	3.80
	Work Experience, Census Week	0.67	0.89	0.36	0.93	0.65
	Independent Study, Census Day	3.31	3.70	3.21	3.53	3.43
	Work Experience, Census Day	0.54	0.47	0.66	0.57	0.56

Source: SDCCD Information System

Load

Data were used from the 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 2011 the load values for Mesa and Miramar Colleges increased compared to the previous term.

Table 3. Load by Term and College for Fall Terms

	Fall 2008	Fall 2009	Fall 2010	Fall 2011
City College/ECC	538	591	581	565
Mesa College	533	568	569	576
Miramar College	522	565	568	584
Total	533	575	572	574

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 are 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 2011 decreased compared to the previous fall term for all three colleges.

Table 4. Fill Rate by Term, Campus, Modality

		Fall 2008			Fall 2009			Fall 2010			Fall 2011		
		Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate
On Campus	City College	36,139	44,232	81%	36,035	38,752	93%	37,107	39,125	94%	34,360	36,924	91%
	Mesa College	50,933	55,147	92%	51,876	52,532	98%	56,054	56,859	97%	53,921	55,672	96%
	Miramar College	19,661	20,207	92%	19,279	18,352	101%	19,577	19,062	99%	19,407	18,982	98%
	Total	106,733	119,585	88%	107,190	109,636	96%	112,738	115,045	97%	107,688	111,577	95%
Online	City College	5,295	6,279	84%	5,259	5,591	94%	6,095	6,877	89%	6,175	7,020	88%
	Mesa College	5,638	6,301	89%	6,062	6,840	89%	7,233	8,454	86%	7,173	7,991	89%
	Miramar College	4,644	5,163	90%	4,622	4,947	93%	5,208	5,619	93%	5,180	5,725	90%
	Total	15,577	17,743	88%	15,943	17,378	92%	18,536	20,950	88%	18,528	20,736	89%
Total	City College	41,434	50,511	82%	41,294	44,343	93%	43,202	46,002	93%	40,535	43,944	91%
	Mesa College	56,571	61,448	92%	57,938	59,372	97%	63,287	65,313	96%	61,094	63,663	95%
	Miramar College	24,305	25,370	92%	23,901	23,299	99%	24,785	24,681	98%	24,587	24,707	96%
	Total	122,310	137,328	88%	123,133	127,014	96%	131,274	135,995	95%	126,216	132,313	94%

Source: SDCCD Information System

Note 1: Canceled and tutoring classes are excluded from the Enrollment and Capacity. For positive attendance courses, the capacity is estimated at 60% of the recorded cap.

Note 2: The Enrollment and Capacity in the Productivity table are not part of the Fill Rate calculation.

Note 3: Apprenticeship, non-state supported, in-service, canceled, tutoring, and classes with 0 capacity are excluded from the fill rate. Positive attendance capacity is estimated at 60% of the recorded cap for Fill Rate calculation. PHYE 153 is excluded from the City College/ECC and Miramar College fill rate.