

College Productivity Report - Fall 2010

As of Final Census

Purpose

This report has been prepared in order to provide four productivity indicators for City, Mesa and Miramar Colleges for the last four fall terms including Fall 2010.

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 was higher in Fall 2010 compared to the four year average. For Fall 2010, the average class size for each college was as follows: City 33.8, Mesa 34.0, Miramar 34.5, and District 34.0. The District benchmark (based on the average of the reported four fall terms) is 16.16.

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

	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall Avg.
City/ECC	14.25	15.75	16.93	16.89	15.96
Mesa	15.14	15.94	16.98	17.01	16.27
Miramar	14.55	15.92	17.32	17.23	16.26
All Colleges	14.72	15.87	17.03	17.01	16.16

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 4.96.

- The three colleges showed improvement in a variety of accounting methods in 2010 compared to the previous term (see Table 2). The City College yields for Census Day and Positive Attendance Credit increased in 2010 compared to 2009. At Mesa College the yield for Census Week and Census Day classes increased compared to the previous terms. Miramar College showed improvement in Positive Attendance Credit and Independent Study Census Week yields in 2010 compared to 2009.

**Table 2. FTES Yields (Credit and Resident only)
Fall 2007 - Fall 2010**

City College/ECC Accounting Methods	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall Avg.
Census Week	2.76	3.10	3.56	3.54	3.24
Census Day	2.06	2.15	2.43	2.60	2.31
Positive Attendance--Credit, Reg	2.28	1.80	2.11	2.48	2.17
Independent Study, Census Week	2.52	2.84	3.51	3.34	3.05
Work Experience, Census Week	0.64	0.52	0.60	0.68	0.61
Independent Study, Census Day	2.10	2.64	1.84	1.59	2.04
Work Experience, Census Day	0.00	0.00	0.09	0.00	0.02

Mesa College Accounting Methods	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall Avg.
Census Week	2.82	3.02	3.20	3.24	3.07
Census Day	2.43	2.55	2.91	2.94	2.71
Positive Attendance--Credit, Reg	2.38	2.21	2.03	1.94	2.14
Independent Study, Census Week	3.07	3.55	3.71	3.66	3.50
Work Experience, Census Week	0.62	0.56	0.60	0.48	0.57
Independent Study, Census Day	2.93	3.23	3.30	3.10	3.14
Work Experience, Census Day	0.75	0.63	0.42	0.38	0.55

Miramar College Accounting Methods	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall Avg.
Census Week	2.91	3.20	3.72	3.63	3.37
Census Day	2.20	2.64	3.11	2.80	2.69
Positive Attendance--Credit, Reg	0.94	0.91	1.24	1.66	1.19
Positive Attendance--Credit, In-service	7.56	8.84	4.96	3.57	6.23
Independent Study, Census Week	3.57	3.55	3.71	3.92	3.69
Work Experience, Census Week	0.58	0.67	0.89	0.36	0.63
Independent Study, Census Day	2.36	3.31	3.70	3.21	3.15
Work Experience, Census Day	0.30	0.54	0.47	0.66	0.49

All Colleges Accounting Methods	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall Avg.
Census Week	2.82	3.09	3.43	3.42	3.19
Census Day	2.21	2.37	2.73	2.77	2.52
Positive Attendance--Credit, Reg	2.02	1.79	1.96	2.17	1.99
Positive Attendance--Credit, In-service	7.56	8.84	4.96	3.57	6.23
Independent Study, Census Week	3.03	3.25	3.63	3.61	3.38
Work Experience, Census Week	0.62	0.57	0.64	0.53	0.59
Independent Study, Census Day	2.44	3.02	2.92	2.69	2.77
Work Experience, Census Day	0.60	0.60	0.39	0.42	0.50

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 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 2010 the load values for Mesa and Miramar College remained stable compared to the previous term.

Table 3. Load by Term and College for Fall Terms

	Fall 2007	Fall 2008	Fall 2009	Fall 2010
City/ECC	491	538	591	580
Mesa	507	533	569	569
Miramar	480	522	566	567
All Colleges	496	533	575	572

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 2010 were stable compared the previous fall term at all three colleges.

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

		Fall 2007			Fall 2008			Fall 2009			Fall 2010		
		Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate
On Campus	City/ECC	33,742	45,815	74%	34,672	44,037	79%	34,343	39,166	88%	34,972	39,120	89%
	Mesa	48,641	58,864	83%	48,562	55,447	88%	49,674	52,758	94%	54,120	57,390	94%
	Miramar	17,914	22,198	81%	17,433	19,148	91%	17,481	17,432	100%	18,212	18,597	98%
	All Colleges	100,297	126,877	79%	100,667	118,632	85%	101,498	109,356	93%	107,304	115,107	93%
Online	City/ECC	4,391	6,238	70%	5,610	7,189	78%	5,220	5,713	91%	6,016	7,032	86%
	Mesa	4,521	5,597	81%	5,604	6,301	89%	6,056	6,840	89%	7,231	8,454	86%
	Miramar	4,061	4,675	87%	4,634	5,217	89%	4,593	4,947	93%	5,206	5,618	93%
	All Colleges	12,973	16,510	79%	15,848	18,707	85%	15,869	17,500	91%	18,453	21,104	87%
Total	City/ECC	38,133	52,053	73%	40,282	51,226	79%	39,563	44,879	88%	40,988	46,152	89%
	Mesa	53,162	64,461	82%	54,166	61,748	88%	55,730	59,598	94%	61,351	65,844	93%
	Miramar	21,975	26,873	82%	22,067	24,365	91%	22,074	22,379	99%	23,418	24,215	97%
	All Colleges	113,270	143,387	79%	116,515	137,339	85%	117,367	126,856	93%	125,757	136,211	92%

Source: SDCCD Information System

Note 1. Tutoring (positive attendance non-credit), apprenticeship, in-service, non-state supported, classes with a capacity less than two, classes with enrollment equal to zero, and cancelled classes were excluded.