

College Productivity Report - Spring 2009

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 spring terms including Spring 2009 (all terms exclude Intersession).

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.

- All three colleges showed an improvement in the FTES/FTEF ratio in Spring 2009 compared to the three previous terms. For Spring 2009, the average class size for each college was as follows: City 32.5, Mesa 31.8, Miramar 31.8, and District 32.1. The District benchmark (based on the average of the reported four spring terms) is 14.78.

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

	Spring 06	Spring 07	Spring 08	Spring 09	Spring Avg.
City	14.79	14.16	14.33	16.27	14.88
Mesa	14.20	14.14	14.65	15.90	14.72
Miramar	14.70	13.85	14.62	15.92	14.77
District	14.49	14.09	14.53	16.03	14.78

Source: SDCCD Information System

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.

- All colleges showed improvement in almost all accounting methods in 2009 compared to the previous term (see Table 2). Miramar College had a decline in their positive attendance in-service yield. This can be contributed to several in-service classes that were moved to Summer 2009 for strategic reasons. The estimated FTES for the classes moved is 282.

**Table 2. FTES Yields (Credit and Resident only)
Spring 2006 - Spring 2009**

City College/ECC Accounting Methods	Spring 2006	Spring 2007	Spring 2008	Spring 2009	Spring Avg.
Census Week	2.71	2.59	2.64	3.34	2.82
Census Day	2.62	2.13	2.23	2.53	2.38
Positive Attendance--Credit, Reg	1.73	1.67	1.57	1.87	1.71
Independent Study, Census Week	2.68	2.40	2.62	3.16	2.72
Work Experience, Census Week	0.61	0.64	0.65	0.44	0.59
Independent Study, Census Day	1.69	1.65	1.93	2.47	1.94
Work Experience, Census Day	0.00	0.00	0.00	0.00	0.00

Mesa College Accounting Methods	Spring 2006	Spring 2007	Spring 2008	Spring 2009	Spring Avg.
Census Week	2.67	2.63	2.70	3.00	2.75
Census Day	1.98	1.96	2.15	2.41	2.13
Positive Attendance--Credit, Reg	2.03	1.92	2.24	2.45	2.16
Independent Study, Census Week	2.54	2.91	3.31	3.50	3.07
Work Experience, Census Week	1.01	0.86	0.56	0.65	0.77
Independent Study, Census Day	2.19	2.24	2.66	2.96	2.51
Work Experience, Census Day	0.86	0.71	0.37	0.62	0.64

Miramar College Accounting Methods	Spring 2006	Spring 2007	Spring 2008	Spring 2009	Spring Avg.
Census Week	3.08	2.80	3.06	3.31	3.06
Census Day	2.15	2.46	2.52	2.52	2.41
Positive Attendance--Credit, Reg	1.23	1.17	1.02	0.93	1.09
Positive Attendance--Credit, Inservice	6.76	7.22	10.22	5.72	7.48
Independent Study, Census Week	3.37	3.25	3.53	3.73	3.47
Work Experience, Census Week	0.70	0.61	0.56	0.75	0.66
Independent Study, Census Day	2.08	1.93	2.71	3.62	2.59
Work Experience, Census Day	0.00	0.18	0.16	0.71	0.26

All Colleges Accounting Methods	Spring 2006	Spring 2007	Spring 2008	Spring 2009	Spring Avg.
Census Week	2.78	2.66	2.75	3.18	2.84
Census Day	2.28	2.11	2.25	2.48	2.28
Positive Attendance--Credit, Reg	1.73	1.66	1.67	1.86	1.73
Positive Attendance--Credit, Inservice	6.76	7.22	10.22	5.72	7.48
Independent Study, Census Week	2.83	2.80	3.10	3.44	3.04
Work Experience, Census Week	0.74	0.70	0.60	0.56	0.65
Independent Study, Census Day	1.84	1.86	2.30	2.89	2.22
Work Experience, Census Day	0.86	0.53	0.31	0.64	0.59

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.

- The load values for Spring 2009 were greater than the loads for the previous three spring terms at all three colleges.

Table 3. Load by Term and College for Spring Terms

	Spring 2006	Spring 2007	Spring 2008	Spring 2009
City	523	498	536	607
Mesa	479	480	524	574
Miramar	507	472	541	563
District	498	484	531	582

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, cancelled sections, and Positive Attendance 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 Spring 2009 were greater than the fill rates for the previous three spring terms at all three colleges.

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

		Spring 2006			Spring 2007			Spring 2008			Spring 2009		
		Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate
On Campus	City	29,648	44,838	66%	30,768	47,493	65%	32,720	44,438	74%	34,679	40,628	85%
	Mesa	47,522	62,157	76%	46,410	61,483	75%	45,893	57,832	79%	49,007	56,135	87%
	Miramar	16,687	22,554	74%	16,906	22,543	75%	16,298	18,862	86%	17,168	18,344	94%
	District	93,857	129,549	72%	94,084	131,519	72%	94,911	121,132	78%	100,854	115,107	88%
Online	City	3,095	4,944	63%	3,953	6,433	61%	4,994	6,467	77%	5,403	6,430	84%
	Mesa	3,006	4,156	72%	4,135	5,560	74%	5,253	6,353	83%	5,973	6,815	88%
	Miramar	3,026	3,863	78%	3,520	4,295	82%	4,077	4,495	91%	4,644	4,929	94%
	District	9,127	12,963	70%	11,608	16,288	71%	14,324	17,315	83%	16,020	18,174	88%
Total	City	32,743	49,782	66%	34,721	53,926	64%	37,714	50,905	74%	40,082	47,058	85%
	Mesa	50,528	66,313	76%	50,545	67,043	75%	51,146	64,185	80%	54,980	62,950	87%
	Miramar	19,713	26,417	75%	20,426	26,838	76%	20,375	23,357	87%	21,812	23,273	94%
	District	102,984	142,512	72%	105,692	147,807	72%	109,235	138,447	79%	116,874	133,281	88%

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.