

College Productivity Report – Spring 2011

As of First 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 spring terms including Spring 2011.

FTES/FTEF Ratio

FTES and FTEF data are from First Census and only include the Census Week accounting method. 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 Spring 2011 compared to the previous three terms. For Spring 2011, the average class size for each college was as follows: City/ECC 34.8, Mesa 33.6, Miramar 32.5, and District 33.8. The District benchmark (based on the average of the reported four spring terms) is 16.47.

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

	Spring 2008	Spring 2009	Spring 2010	Spring 2011	Spring Avg.
City/ECC	14.81	17.10	18.44	17.39	16.93
Mesa	14.77	16.18	17.44	16.81	16.30
Miramar	14.66	16.09	17.73	16.24	16.18
All Colleges	14.76	16.46	17.80	16.88	16.47

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 First Census 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 few accounting methods in 2011 compared to the previous term (see Table 2). The City College yields for Census Day and Work Experience Census Week increased in 2011 compared to 2010. At Mesa College all the yields for Spring 2011 decreased compared to Spring 2010. Miramar College showed improvement in Work Experience Census Day yields in 2011 compared to 2010.

Table 2. FTES Yields (Credit and Resident only)

City College/ECC Accounting Methods	Spring 2008	Spring 2009	Spring 2010	Spring 2011	Spring Avg.
Census Week	2.64	3.34	3.68	3.45	3.28
Census Day	2.10	2.49	2.47	2.66	2.43
Positive Attendance--Credit, Reg	N/A	N/A	N/A	N/A	N/A
Independent Study, Census Week	2.60	3.14	3.86	3.41	3.25
Work Experience, Census Week	0.63	0.43	0.55	0.58	0.55
Independent Study, Census Day	2.49	3.47	2.20	2.08	2.56
Work Experience, Census Day	0.00	0.00	0.08	0.00	0.02

Mesa College Accounting Methods	Spring 2008	Spring 2009	Spring 2010	Spring 2011	Spring Avg.
Census Week	2.65	2.98	3.30	3.15	3.02
Census Day	2.11	2.49	2.82	2.65	2.52
Positive Attendance--Credit, Reg	N/A	N/A	N/A	N/A	N/A
Independent Study, Census Week	3.35	3.70	3.93	3.55	3.63
Work Experience, Census Week	0.54	0.63	0.63	0.45	0.56
Independent Study, Census Day	2.91	3.26	3.60	3.32	3.27
Work Experience, Census Day	0.53	0.76	0.78	0.00	0.52

Miramar College Accounting Methods	Spring 2008	Spring 2009	Spring 2010	Spring 2011	Spring Avg.
Census Week	3.03	3.30	3.73	3.44	3.38
Census Day	2.20	2.45	3.03	2.96	2.66
Positive Attendance--Credit, Reg	N/A	N/A	N/A	N/A	N/A
Positive Attendance--Credit, Inservice	4.81	1.46	1.32	1.25	2.21
Independent Study, Census Week	3.58	3.71	3.90	3.74	3.73
Work Experience, Census Week	0.52	0.75	1.27	0.94	0.87
Independent Study, Census Day	3.00	3.78	3.41	3.07	3.32
Work Experience, Census Day	0.14	0.96	0.44	1.41	0.74

All Colleges Accounting Methods	Spring 2008	Spring 2009	Spring 2010	Spring 2011	Spring Avg.
Census Week	2.73	3.17	3.52	3.31	3.18
Census Day	2.12	2.48	2.70	2.72	2.51
Positive Attendance--Credit, Reg	N/A	N/A	N/A	N/A	N/A
Positive Attendance--Credit, Inservice	4.81	1.46	1.32	1.25	2.21
Independent Study, Census Week	3.11	3.48	3.89	3.56	3.51
Work Experience, Census Week	0.58	0.56	0.64	0.54	0.58
Independent Study, Census Day	2.73	3.46	3.09	2.91	3.05
Work Experience, Census Day	0.42	0.82	0.56	1.41	0.80

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 First Census 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 Spring 2011 the load values for the three colleges decreased compared to the previous term.

Table 3. Load by Term and College for Spring Terms

	Spring 2008	Spring 2009	Spring 2010	Spring 2011
City/ECC	481	554	594	562
Mesa	483	535	572	553
Miramar	484	528	577	537
All Colleges	483	540	580	553

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 First Census 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 2011 decreased compared to the previous spring term at all three colleges.

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

		Spring 2008			Spring 2009			Spring 2010			Spring 2011		
		Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate
On Campus	City/ECC	31,524	43,120	73%	33,559	38,781	87%	33,348	35,803	93%	33,619	36,800	91%
	Mesa	44,997	57,172	79%	48,735	55,820	87%	51,511	54,253	95%	54,778	60,021	91%
	Miramar	16,001	18,644	86%	17,063	18,154	94%	16,620	16,594	100%	18,667	19,550	95%
	All Colleges	92,522	118,936	78%	99,357	112,755	88%	101,479	106,650	95%	107,064	116,371	92%
Online	City/ECC	4,923	6,122	80%	6,032	7,440	81%	5,310	5,750	92%	6,484	7,141	91%
	Mesa	5,311	6,353	84%	6,142	6,815	90%	6,523	6,820	96%	8,830	10,006	88%
	Miramar	4,089	4,495	91%	4,745	5,029	94%	4,878	5,235	93%	5,721	6,205	92%
	All Colleges	14,323	16,970	84%	16,919	19,284	88%	16,711	17,805	94%	21,035	23,352	90%
Total	City/ECC	36,447	49,242	74%	39,591	46,221	86%	38,658	41,553	93%	40,103	43,941	91%
	Mesa	50,308	63,525	79%	54,877	62,635	88%	58,034	61,073	95%	63,608	70,027	91%
	Miramar	20,090	23,139	87%	21,808	23,183	94%	21,498	21,829	98%	24,388	25,755	95%
	All Colleges	106,845	135,906	79%	116,276	132,039	88%	118,190	124,455	95%	128,099	139,723	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.