

# College Productivity Report - Spring 2010

## *As of First 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 2010 (all terms exclude Intersession).

### FTES/FTEF Ratio

FTES data are for census week classes only. FTEF data for 2007 are from end of term. FTEF data for 2008 to 2010 are as of Census. 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 2010 compared to the three previous terms. For Spring 2010 the average class size for each college was as follows: City 36.9, Mesa 34.9, Miramar 35.5, and District 35.6. The District benchmark (based on the average of the reported four spring terms) is 15.82.

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

	Spring 07	Spring 08	Spring 09	Spring 10	Spring Avg.
<b>City</b>	14.47	14.81	17.10	18.44	16.20
<b>Mesa</b>	14.48	14.77	16.18	17.44	15.72
<b>Miramar</b>	13.40	14.66	16.09	17.73	15.47
<b>District</b>	14.26	14.76	16.46	17.80	15.82

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.

- All three colleges had an increase in total average yields in 2010 compared to the previous terms (see Table 2).

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

<b>City College/ECC Accounting Methods</b>	<b>Spring 2007</b>	<b>Spring 2008</b>	<b>Spring 2009</b>	<b>Spring 2010</b>	<b>Spring Avg.</b>
Census Week	2.59	2.64	3.34	3.68	3.06
Census Day	1.95	2.10	2.49	2.47	2.25
Positive Attendance--Credit, Reg	N/A	N/A	N/A	N/A	N/A
Independent Study, Census Week	2.43	2.60	3.14	3.86	3.01
Work Experience, Census Week	0.63	0.63	0.43	0.55	0.56
Independent Study, Census Day	2.28	2.49	3.47	2.20	2.61
Work Experience, Census Day	0.00	0.00	0.00	0.08	0.02

<b>Mesa College Accounting Methods</b>	<b>Spring 2007</b>	<b>Spring 2008</b>	<b>Spring 2009</b>	<b>Spring 2010</b>	<b>Spring Avg.</b>
Census Week	2.60	2.65	2.98	3.30	2.88
Census Day	1.80	2.11	2.49	2.82	2.31
Positive Attendance--Credit, Reg	N/A	N/A	N/A	N/A	N/A
Independent Study, Census Week	2.98	3.35	3.70	3.93	3.49
Work Experience, Census Week	0.85	0.54	0.63	0.63	0.66
Independent Study, Census Day	2.79	2.91	3.26	3.60	3.14
Work Experience, Census Day	0.95	0.53	0.76	0.78	0.76

<b>Miramar College Accounting Methods</b>	<b>Spring 2007</b>	<b>Spring 2008</b>	<b>Spring 2009</b>	<b>Spring 2010</b>	<b>Spring Avg.</b>
Census Week	2.75	3.03	3.30	3.73	3.20
Census Day	2.16	2.20	2.45	3.03	2.46
Positive Attendance--Credit, Reg	N/A	N/A	N/A	N/A	N/A
Positive Attendance--Credit, Inservice	11.83	4.81	1.46	1.32	4.86
Independent Study, Census Week	3.45	3.58	3.71	3.90	3.66
Work Experience, Census Week	0.64	0.52	0.75	1.27	0.80
Independent Study, Census Day	2.24	3.00	3.78	3.41	3.11
Work Experience, Census Day	0.00	0.14	0.96	0.44	0.39

<b>All Colleges Accounting Methods</b>	<b>Spring 2007</b>	<b>Spring 2008</b>	<b>Spring 2009</b>	<b>Spring 2010</b>	<b>Spring Avg.</b>
Census Week	2.63	2.73	3.17	3.52	3.01
Census Day	1.92	2.12	2.48	2.70	2.31
Positive Attendance--Credit, Reg	N/A	N/A	N/A	N/A	N/A
Positive Attendance--Credit, Inservice	11.83	4.81	1.46	1.32	4.86
Independent Study, Census Week	2.88	3.11	3.48	3.89	3.34
Work Experience, Census Week	0.70	0.58	0.56	0.64	0.62
Independent Study, Census Day	2.45	2.73	3.46	3.09	2.93
Work Experience, Census Day	0.95	0.42	0.82	0.56	0.69

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.

- The load values for Spring 2010 were greater than the loads for the previous three spring terms at all three colleges.

**Table 3. Load by Term and College for Spring**

	Spring 2007	Spring 2008	Spring 2009	Spring 2010
City	448	477	550	589
Mesa	447	480	531	569
Miramar	428	482	525	569
<b>District</b>	<b>443</b>	<b>479</b>	<b>536</b>	<b>575</b>

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 , 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 the official census date 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 2010 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 2007			Spring 2008			Spring 2009			Spring 2010		
		Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate
On Campus	City	29,249	45,660	64%	31,524	43,120	73%	33,559	38,781	87%	33,348	35,803	93%
	Mesa	45,273	60,725	75%	44,997	57,172	79%	48,735	55,820	87%	51,511	54,253	95%
	Miramar	16,295	22,378	73%	16,001	18,644	86%	17,063	18,154	94%	16,620	16,594	100%
	<i>District</i>	90,817	128,763	71%	92,522	118,936	78%	99,357	112,755	88%	101,479	106,650	95%
Online	City	3,886	6,433	60%	4,923	6,122	80%	6,032	7,440	81%	5,310	5,750	92%
	Mesa	4,208	5,445	77%	5,311	6,353	84%	6,142	6,815	90%	6,523	6,820	96%
	Miramar	3,523	4,295	82%	4,089	4,495	91%	4,745	5,029	94%	4,878	5,235	93%
	<i>District</i>	11,617	16,173	72%	14,323	16,970	84%	16,919	19,284	88%	16,711	17,805	94%
Total	City	33,135	52,093	64%	36,447	49,242	74%	39,591	46,221	86%	38,658	41,553	93%
	Mesa	49,481	66,170	75%	50,308	63,525	79%	54,877	62,635	88%	58,034	61,073	95%
	Miramar	19,818	26,673	74%	20,090	23,139	87%	21,808	23,183	94%	21,498	21,829	98%
	<i>District</i>	<b>102,434</b>	<b>144,936</b>	<b>71%</b>	<b>106,845</b>	<b>135,906</b>	<b>79%</b>	<b>116,276</b>	<b>132,039</b>	<b>88%</b>	<b>118,190</b>	<b>124,455</b>	<b>95%</b>

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.