

# College Productivity Report - Spring 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 spring terms including Spring 2010 (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 2010 compared to the three previous terms. For Spring 2010, the average class size for each college was as follows: City 34.9, Mesa 34.5, Miramar 34.9, and District 34.7. The District benchmark (based on the average of the reported four spring terms) is 15.51.

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

	Spring 07	Spring 08	Spring 09	Spring 10	Spring Avg.
<b>City</b>	14.15	14.37	16.28	17.44	15.56
<b>Mesa</b>	14.14	14.65	15.91	17.25	15.48
<b>Miramar</b>	13.85	14.66	15.94	17.45	15.47
<b>District</b>	14.08	14.55	16.04	17.35	15.51

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.

- All colleges showed improvement in almost all accounting methods in 2010 compared to the previous term (see Table 2). The City College yield for Independent Study Census Day classes declined from Spring 2009 to 2010. At Mesa College the yield for Work Experience Census Day classes decreased. Miramar College had a decline in their positive attendance in-service yield.

**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	3.35	3.65	3.06
Census Day	2.13	2.23	2.53	2.55	2.36
Positive Attendance--Credit, Reg	1.65	1.68	1.88	2.20	1.85
Independent Study, Census Week	2.40	2.62	3.16	3.87	3.01
Work Experience, Census Week	0.64	0.65	0.44	0.55	0.57
Independent Study, Census Day	1.91	1.94	2.47	1.67	2.00
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	2.63	2.70	3.00	3.31	2.91
Census Day	2.06	2.15	2.41	2.79	2.35
Positive Attendance--Credit, Reg	1.91	2.24	2.45	2.43	2.26
Independent Study, Census Week	2.91	3.31	3.50	3.94	3.42
Work Experience, Census Week	0.86	0.56	0.65	0.64	0.68
Independent Study, Census Day	2.71	2.66	2.96	3.20	2.88
Work Experience, Census Day	0.71	0.37	0.62	0.48	0.55

<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	2.80	3.06	3.31	3.70	3.22
Census Day	2.47	2.54	2.52	2.99	2.63
Positive Attendance--Credit, Reg	1.14	1.02	1.00	1.21	1.09
Positive Attendance--Credit, In-service	6.70	8.85	5.53	3.59	6.17
Independent Study, Census Week	3.25	3.49	3.73	3.92	3.60
Work Experience, Census Week	0.61	0.56	0.75	1.27	0.80
Independent Study, Census Day	2.82	2.71	3.63	3.05	3.05
Work Experience, Census Day	0.18	0.16	0.71	0.25	0.33

<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	2.66	2.75	3.18	3.50	3.02
Census Day	2.16	2.25	2.48	2.72	2.40
Positive Attendance--Credit, Reg	1.64	1.72	1.88	2.11	1.84
Positive Attendance--Credit, In-service	6.70	8.85	5.53	3.59	6.17
Independent Study, Census Week	2.80	3.08	3.44	3.90	3.31
Work Experience, Census Week	0.70	0.60	0.56	0.64	0.63
Independent Study, Census Day	2.41	2.30	2.89	2.60	2.55
Work Experience, Census Day	0.53	0.31	0.64	0.35	0.46

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 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	476	534	571
Mesa	452	493	533	578
Miramar	472	542	554	611
<b>District</b>	<b>455</b>	<b>496</b>	<b>538</b>	<b>582</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 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 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	30,770	47,493	65%	32,718	44,438	74%	34,158	39,623	86%	33,679	36,979	91%
	Mesa	46,408	61,478	75%	45,895	57,832	79%	49,005	56,135	87%	51,497	54,402	95%
	Miramar	16,903	22,543	75%	16,315	18,862	86%	17,129	18,229	94%	16,552	16,773	99%
	<i>District</i>	94,081	131,514	72%	94,928	121,132	78%	100,292	113,987	88%	101,728	108,154	94%
Online	City	3,954	6,433	61%	4,994	6,467	77%	5,920	7,435	80%	5,260	5,800	91%
	Mesa	4,136	5,560	74%	5,253	6,353	83%	5,973	6,815	88%	6,201	6,820	91%
	Miramar	3,520	4,295	82%	4,077	4,495	91%	4,679	5,044	93%	4,902	5,280	93%
	<i>District</i>	11,610	16,288	71%	14,324	17,315	83%	16,572	19,294	86%	16,363	17,900	91%
Total	City	34,724	53,926	64%	37,712	50,905	74%	40,078	47,058	85%	38,939	42,779	91%
	Mesa	50,544	67,038	75%	51,148	64,185	80%	54,978	62,950	87%	57,698	61,222	94%
	Miramar	20,423	26,838	76%	20,392	23,357	87%	21,808	23,273	94%	21,454	22,053	97%
	<i>District</i>	<b>105,691</b>	<b>147,802</b>	<b>72%</b>	<b>109,252</b>	<b>138,447</b>	<b>79%</b>	<b>116,864</b>	<b>133,281</b>	<b>88%</b>	<b>118,091</b>	<b>126,054</b>	<b>94%</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.