

# College Productivity Report - Fall 2009

## *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 fall terms including Fall 2009.

### **FTES/FTEF Ratio**

FTES and FTEF data only include census week sections. 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 Fall 2009 compared to the three previous terms. For Fall 2009, the average class size for each college was as follows: City 36.3, Mesa 34.5, Miramar 35.3, and District 35.2. The District benchmark (based on the average of the reported four Fall terms) is 16.0.

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

	Fall 06	Fall 07	Fall 08	Fall 09	Fall Avg.
<b>City</b>	15.35	14.75	16.52	18.15	16.19
<b>Mesa</b>	15.46	15.23	16.11	17.24	16.01
<b>Miramar</b>	15.27	14.42	15.89	17.62	15.80
<b>District</b>	15.39	14.92	16.20	17.59	16.02

Source: SDCCD Information System

Note 1. Non-residents, tutoring, apprenticeship, in-service, non-state supported, early Fall classes 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 yields at all three colleges showed improvement in almost all accounting methods in 2009 compared to the previous fall term (see Table 2).

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

<b>City College/ECC Accounting Methods</b>	<b>Fall 2006</b>	<b>Fall 2007</b>	<b>Fall 2008</b>	<b>Fall 2009</b>	<b>Fall Avg.</b>
Census Week	2.77	2.70	3.04	3.59	3.03
Census Day	1.89	1.80	2.04	2.19	1.98
Positive Attendance-Credit, Reg	NA	NA	NA	NA	NA
Independent Study, Census Week	2.80	2.50	2.84	3.46	2.90
Work Experience, Census Week	0.44	0.64	0.49	0.59	0.54
Independent Study, Census Day	3.21	2.96	3.26	2.24	2.92
Work Experience, Census Day	0.00	0.00	0.00	0.09	0.02

<b>Mesa College Accounting Methods</b>	<b>Fall 2006</b>	<b>Fall 2007</b>	<b>Fall 2008</b>	<b>Fall 2009</b>	<b>Fall Avg.</b>
Census Week	2.74	2.72	2.97	3.19	2.91
Census Day	2.35	2.24	2.53	3.09	2.55
Positive Attendance-Credit, Reg	NA	NA	NA	NA	NA
Independent Study, Census Week	3.02	2.97	3.66	3.65	3.33
Work Experience, Census Week	0.78	0.60	0.56	0.59	0.63
Independent Study, Census Day	2.97	3.20	3.38	3.56	3.28
Work Experience, Census Day	0.85	0.72	0.65	0.74	0.74

<b>Miramar College Accounting Methods</b>	<b>Fall 2006</b>	<b>Fall 2007</b>	<b>Fall 2008</b>	<b>Fall 2009</b>	<b>Fall Avg.</b>
Census Week	2.95	2.85	3.19	3.72	3.18
Census Day	1.63	1.91	2.04	2.98	2.14
Positive Attendance-Credit, Reg	NA	NA	NA	NA	NA
Positive Attendance-Credit, In-service	0.00	0.55	9.44	1.17	2.79
Independent Study, Census Week	3.62	3.51	3.54	3.72	3.60
Work Experience, Census Week	0.79	0.55	0.60	0.89	0.71
Independent Study, Census Day	2.04	2.77	3.64	3.85	3.08
Work Experience, Census Day	0.00	0.08	0.58	0.94	0.40

<b>All Colleges Accounting Methods</b>	<b>Fall 2006</b>	<b>Fall 2007</b>	<b>Fall 2008</b>	<b>Fall 2009</b>	<b>Fall Avg.</b>
Census Week	2.80	2.74	3.04	3.43	3.00
Census Day	2.00	1.98	2.21	2.64	2.21
Positive Attendance-Credit, Reg	NA	NA	NA	NA	NA
Positive Attendance-Credit, In-service	0.00	0.55	9.44	1.17	2.79
Independent Study, Census Week	3.11	2.97	3.27	3.60	3.24
Work Experience, Census Week	0.63	0.61	0.54	0.63	0.60
Independent Study, Census Day	2.99	3.02	3.41	3.24	3.17
Work Experience, Census Day	0.85	0.51	0.62	0.67	0.66

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 Load benchmark for a 17.5 week semester is 525. The Load benchmark for SDCCD's 16.5 semester is 557.

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

**Table 3. Load by Term and College for Fall Terms**

	Fall 2006	Fall 2007	Fall 2008	Fall 2009
City	472	470	526	582
Mesa	485	491	523	561
Miramar	465	468	512	561
<b>District</b>	<b>477</b>	<b>480</b>	<b>522</b>	<b>568</b>

Source: SDCCD Information System

Note 1. Sections with zero WSCH , cancelled sections, and Positive Attendance sections are excluded.

## Enrollment and 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 Fall 2009 were greater than the fill rates for the previous three Fall terms at all three colleges.

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

		Fall 2006			Fall 2007			Fall 2008			Fall 2009		
		Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate
<b>On Campus</b>	<b>City</b>	29,734	44,456	67%	31,273	43,212	72%	32,201	41,212	78%	30,179	33,691	90%
	<b>Mesa</b>	47,133	59,441	79%	46,503	57,515	81%	46,865	53,878	87%	48,412	51,400	94%
	<b>Miramar</b>	16,476	21,022	78%	17,226	21,495	80%	16,656	18,472	90%	16,688	16,495	101%
	<b>District</b>	93,343	124,919	75%	95,002	122,222	78%	95,722	113,562	84%	95,279	101,586	94%
<b>Online</b>	<b>City</b>	3,982	6,835	58%	4,431	7,383	60%	5,392	6,419	84%	4,968	5,428	92%
	<b>Mesa</b>	3,670	4,533	81%	4,516	5,457	83%	5,694	6,296	90%	6,281	6,840	92%
	<b>Miramar</b>	3,130	3,832	82%	4,132	4,675	88%	4,755	5,102	93%	4,609	4,947	93%
	<b>District</b>	10,782	15,200	71%	13,079	17,515	75%	15,841	17,817	89%	15,858	17,215	92%
<b>Total</b>	<b>City</b>	33,716	51,291	66%	35,704	50,595	71%	37,593	47,631	79%	35,147	39,119	90%
	<b>Mesa</b>	50,803	63,974	79%	51,019	62,972	81%	52,559	60,174	87%	54,693	58,240	94%
	<b>Miramar</b>	19,606	24,854	79%	21,358	26,170	82%	21,411	23,574	91%	21,297	21,442	99%
	<b>District</b>	<b>104,125</b>	<b>140,119</b>	<b>74%</b>	<b>108,081</b>	<b>139,737</b>	<b>77%</b>	<b>111,563</b>	<b>131,379</b>	<b>85%</b>	<b>111,137</b>	<b>118,801</b>	<b>94%</b>

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.