

## College Productivity Report – Spring 2011 As of Final 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, excluding 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.

The FTES/FTEF ratio for all three colleges decreased in Spring 2011 compared to the previous term. For Spring 2011, the average class size for each college was as follows: City/ECC 33.2, Mesa 33.0, Miramar 32.4, and District 32.9. The District benchmark (based on the average of the reported four spring terms) is 16.2.

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

	Spring 2008	Spring 2009	Spring 2010	Spring 2011	Spring Avg.
<b>City College/ECC</b>	14.49	16.49	17.44	16.59	16.20
<b>Mesa College</b>	14.81	16.11	17.30	16.48	16.17
<b>Miramar College</b>	14.76	16.06	17.45	16.20	16.08
<b>Total</b>	<b>14.69</b>	<b>16.23</b>	<b>17.37</b>	<b>16.46</b>	<b>16.16</b>

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 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.

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, Positive Attendance, Work Experience Census Week, and Independent Study Census Day 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 Positive Attendance and Work Experience Census Day yields in 2011 compared to 2010.

**Table 2. FTES Yields (Credit and Resident only)**

	Spring 2008	Spring 2009	Spring 2010	Spring 2011	Spring Average
Census Week	2.78	3.20	3.51	3.28	3.19
Census Day	2.28	2.49	2.72	2.74	2.54
Positive Attendance- Credit, Reg	1.80	1.96	2.20	2.15	2.03
Positive Attendance- Credit, Inservice	10.89	6.20	4.13	4.00	5.93
Independent Study, Census Week	3.14	3.48	3.90	3.58	3.53
Work Experience, Census Week	0.61	0.58	0.64	0.56	0.60
Independent Study, Census Day	2.33	2.95	2.60	2.51	2.60
Work Experience, Census Day	0.32	0.66	0.35	0.85	0.46

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.*

**Table 2. FTES Yields (Credit and Resident only)**

		Spring 2008	Spring 2009	Spring 2010	Spring 2011	Spring Average
<b>City College/ ECC</b>	Census Week	2.68	3.35	3.65	3.40	3.25
	Census Day	2.26	2.57	2.55	2.80	2.52
	Positive Attendance- Credit, Reg	1.77	2.00	2.30	2.34	2.11
	Independent Study, Census Week	2.65	3.21	3.87	3.44	3.29
	Work Experience, Census Week	0.65	0.44	0.55	0.62	0.56
	Independent Study, Census Day	1.90	2.50	1.67	1.74	1.98
	Work Experience, Census Day			0.08		0.08
<b>Mesa College</b>	Census Week	2.72	3.02	3.31	3.14	3.05
	Census Day	2.20	2.47	2.79	2.58	2.49
	Positive Attendance- Credit, Reg	2.28	2.46	2.57	2.23	2.38
	Independent Study, Census Week	3.37	3.56	3.94	3.55	3.60
	Work Experience, Census Week	0.58	0.67	0.64	0.45	0.59
	Independent Study, Census Day	2.76	3.03	3.20	2.97	3.00
	Work Experience, Census Day	0.38	0.63	0.48		0.50
<b>Miramar College</b>	Census Week	3.10	3.33	3.71	3.41	3.38
	Census Day	2.55	2.35	2.98	2.94	2.70
	Positive Attendance- Credit, Reg	1.09	1.04	1.21	1.44	1.19
	Positive Attendance- Credit, Inservice	10.89	6.20	4.13	4.00	5.93
	Independent Study, Census Week	3.58	3.78	3.92	3.75	3.75
	Work Experience, Census Week	0.58	0.76	1.27	0.94	0.78
	Independent Study, Census Day	2.75	3.71	3.04	2.66	3.03
	Work Experience, Census Day	0.16	0.71	0.25	0.85	0.47

Source: SDCCD Information System

## 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.

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
<b>City College/ECC</b>	496	565	594	566
<b>Mesa College</b>	495	536	577	552
<b>Miramar College</b>	492	528	575	533
<b>Total</b>	<b>495</b>	<b>544</b>	<b>582</b>	<b>552</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, 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 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 2011 decreased compared to the previous spring term except for City College which remained stable.

**Table 4. Fill Rate by Term, Campus, 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
<b>On Campus</b>	<b>City College</b>	33,921	44,938	76%	35,576	40,183	89%	35,319	37,598	94%	35,872	38,011	94%
	<b>Mesa College</b>	47,462	57,220	82%	50,609	55,476	90%	53,184	54,321	97%	56,592	59,837	94%
	<b>Miramar College</b>	18,689	20,047	88%	19,521	19,506	95%	19,459	18,036	102%	21,573	20,972	98%
	<b>Total</b>	100,072	122,204	81%	105,706	115,165	90%	107,962	109,954	97%	114,037	118,820	94%
<b>Online</b>	<b>City College</b>	5,005	6,427	78%	5,764	6,673	86%	5,283	5,649	94%	6,450	6,958	93%
	<b>Mesa College</b>	5,253	6,353	83%	5,976	6,815	88%	6,202	6,820	91%	8,585	10,006	86%
	<b>Miramar College</b>	4,083	4,496	91%	4,691	4,998	94%	4,900	5,280	93%	5,691	6,235	91%
	<b>Total</b>	14,341	17,276	83%	16,431	18,486	89%	16,385	17,749	92%	20,726	23,199	89%
<b>Total</b>	<b>City College</b>	38,926	51,365	77%	41,340	46,856	88%	40,602	43,247	94%	42,322	44,969	94%
	<b>Mesa College</b>	52,715	63,573	82%	56,585	62,291	90%	59,386	61,141	97%	65,177	69,843	92%
	<b>Miramar College</b>	22,772	24,543	88%	24,212	24,504	95%	24,359	23,316	100%	27,264	27,207	96%
	<b>Total</b>	<b>114,413</b>	<b>139,480</b>	<b>81%</b>	<b>122,137</b>	<b>133,651</b>	<b>90%</b>	<b>124,347</b>	<b>127,703</b>	<b>96%</b>	<b>134,763</b>	<b>142,019</b>	<b>93%</b>

Source: SDCCD Information System

Note 1: Canceled and tutoring classes are excluded from the Enrollment and Capacity. For positive attendance courses, the capacity is estimated at 60% of the recorded cap.

Note 2: The Enrollment and Capacity in the Productivity table are not part of the Fill Rate calculation.

Note 3: Apprenticeship, non-state supported, in-service, canceled, tutoring, and classes with 0 capacity are excluded from the fill rate. Positive attendance capacity is estimated at 60% of the recorded cap for Fill Rate calculation.