

## College Productivity Report – Spring 2012 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 2012.

### 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 increased in Spring 2012 compared to the previous three terms. For Spring 2012, the average class size for each college was as follows: City/ECC 35.6, Mesa 34.8, Miramar 34.7, and District 35.0. The District benchmark (based on the average of the reported four spring terms) is 17.2.

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

	Spring 2009	Spring 2010	Spring 2011	Spring 2012	Spring Avg.
<b>City/ECC</b>	17.10	18.44	17.39	17.80	17.68
<b>Mesa</b>	16.18	17.44	16.81	17.40	16.96
<b>Miramar</b>	16.09	17.73	16.24	17.34	16.85
<b>All Colleges</b>	16.46	17.80	16.88	17.51	17.16

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 4.97.

- All three colleges showed improvement in Census Week accounting methods yields in 2012 compared to the previous term (see Table 2). The City College yields for Census Day and Independent Study Census Day increased in 2012 compared to 2011. At Mesa College the Census Day and Independent Study Census Week yields for Spring 2012 increased compared to Spring 2011. Miramar College showed improvement in Independent Study Census Week yields in 2012 compared to 2011.

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

<b>City College/ECC Accounting Methods</b>	<b>Spring 2009</b>	<b>Spring 2010</b>	<b>Spring 2011</b>	<b>Spring 2012</b>	<b>Spring Avg.</b>
Census Week	3.34	3.68	3.45	3.54	3.49
Census Day	2.49	2.47	2.66	2.84	2.54
Positive Attendance--Credit, Reg	N/A	N/A	N/A	N/A	N/A
Independent Study, Census Week	3.14	3.86	3.41	3.35	3.47
Work Experience, Census Week	0.43	0.55	0.58	0.46	0.52
Independent Study, Census Day	3.47	2.20	2.08	2.15	2.58
Work Experience, Census Day	0.00	0.08	0.00	0.00	0.03

<b>Mesa College Accounting Methods</b>	<b>Spring 2009</b>	<b>Spring 2010</b>	<b>Spring 2011</b>	<b>Spring 2012</b>	<b>Spring Avg.</b>
Census Week	2.98	3.30	3.15	3.24	3.14
Census Day	2.49	2.82	2.65	3.28	2.65
Positive Attendance--Credit, Reg	N/A	N/A	N/A	N/A	N/A
Independent Study, Census Week	3.70	3.93	3.55	3.67	3.73
Work Experience, Census Week	0.63	0.63	0.45	0.30	0.57
Independent Study, Census Day	3.26	3.60	3.32	3.09	3.39
Work Experience, Census Day	0.76	0.78	0.00	0.00	0.51

<b>Miramar College Accounting Methods</b>	<b>Spring 2009</b>	<b>Spring 2010</b>	<b>Spring 2011</b>	<b>Spring 2012</b>	<b>Spring Avg.</b>
Census Week	3.30	3.73	3.44	3.57	3.49
Census Day	2.45	3.03	2.96	2.71	2.81
Positive Attendance--Credit, Reg	N/A	N/A	N/A	N/A	N/A
Positive Attendance--Credit, Inservice	1.46	1.32	1.25	1.89	1.34
Independent Study, Census Week	3.71	3.90	3.74	3.92	3.78
Work Experience, Census Week	0.75	1.27	0.94	0.60	0.99
Independent Study, Census Day	3.78	3.41	3.07	3.60	3.42
Work Experience, Census Day	0.96	0.44	1.41	0.57	0.94

<b>All Colleges Accounting Methods</b>	<b>Spring 2009</b>	<b>Spring 2010</b>	<b>Spring 2011</b>	<b>Spring 2012</b>	<b>Spring Avg.</b>
Census Week	3.17	3.52	3.31	3.41	3.33
Census Day	2.48	2.70	2.72	2.98	2.63
Positive Attendance--Credit, Reg	N/A	N/A	N/A	N/A	N/A
Positive Attendance--Credit, Inservice	1.46	1.32	1.25	1.89	1.34
Independent Study, Census Week	3.48	3.89	3.56	3.64	3.64
Work Experience, Census Week	0.56	0.64	0.54	0.39	0.58
Independent Study, Census Day	3.46	3.09	2.91	3.05	3.15
Work Experience, Census Day	0.82	0.56	1.41	0.57	0.93

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 2012, the load values for the three colleges increased compared to the previous term.

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

	Spring 2009	Spring 2010	Spring 2011	Spring 2012
City/ECC	554	594	562	572
Mesa	535	572	553	568
Miramar	528	577	537	565
<b>All Colleges</b>	<b>540</b>	<b>580</b>	<b>553</b>	<b>569</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 enrollment and capacity 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 2012 increased compared to the previous spring term at all three colleges.

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

		Spring 2009			Spring 2010			Spring 2011			Spring 2012		
		Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate
On Campus	City/ECC	34,789	38,922	90%	34,697	36,005	97%	35,428	36,965	95%	33,660	34,857	97%
	Mesa	49,891	55,430	89%	52,183	53,904	96%	55,932	59,382	93%	51,825	53,904	96%
	Miramar	18,151	18,670	96%	17,892	17,060	101%	19,906	19,927	95%	16,049	15,814	101%
	<b>All Colleges</b>	<b>102,831</b>	<b>113,022</b>	<b>90%</b>	<b>104,772</b>	<b>106,969</b>	<b>97%</b>	<b>111,266</b>	<b>116,275</b>	<b>94%</b>	<b>101,534</b>	<b>104,575</b>	<b>97%</b>
Online	City/ECC	6,912	7,923	87%	5,310	5,598	95%	6,484	6,933	94%	5,310	5,598	95%
	Mesa	7,304	8,067	91%	6,523	6,820	96%	8,830	10,006	88%	6,523	6,820	96%
	Miramar	5,573	5,833	96%	4,878	5,235	93%	5,721	6,205	92%	4,878	5,235	93%
	<b>All Colleges</b>	<b>19,789</b>	<b>21,823</b>	<b>91%</b>	<b>16,711</b>	<b>17,653</b>	<b>95%</b>	<b>21,035</b>	<b>23,144</b>	<b>91%</b>	<b>16,711</b>	<b>17,653</b>	<b>95%</b>
Total	City/ECC	41,701	46,845	89%	40,007	41,603	96%	41,912	43,898	95%	38,970	40,455	96%
	Mesa	57,195	63,497	89%	58,706	60,724	96%	64,762	69,388	92%	58,348	60,724	96%
	Miramar	23,724	24,503	96%	22,770	22,295	99%	25,627	26,132	95%	20,927	21,049	99%
	<b>All Colleges</b>	<b>122,620</b>	<b>134,845</b>	<b>90%</b>	<b>121,483</b>	<b>124,622</b>	<b>97%</b>	<b>132,301</b>	<b>139,419</b>	<b>94%</b>	<b>118,245</b>	<b>122,228</b>	<b>97%</b>

Source: SDCCD Information System

Note 1. Tutoring, sections with zero enrollment, and cancelled sections are excluded from the Enrollment and Capacity data. Positive attendance capacity is estimated at 60% of the recorded cap.

Note 2. In addition to the previous exclusions, apprenticeship, in-service, and sections with a zero capacity were excluded for the Fill Rate calculation.

Note 3. PHYE 153 is excluded from the Miramar College fill rate.