



# College Productivity Report

## Spring 2013

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Office of Institutional Research and Planning  
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## College Productivity Report – Spring 2013 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 fall terms including Spring 2013.

### 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 Miramar College increased in Spring 2013 compared to the previous term. For Spring 2013, the average class size for each college was as follows: City/ECC 32.7, Mesa 33.3, Miramar 35.0, and District 33.4. The District benchmark (based on the average FTES/FTEF of the reported four fall terms) is 16.9.

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

	Spring 2010	Spring 2011	Spring 2012	Spring 2013	Spring Avg.
<b>City College/ECC</b>	17.44	16.59	16.90	16.34	16.81
<b>Mesa College</b>	17.32	16.51	17.17	16.66	16.90
<b>Miramar College</b>	17.44	16.23	17.39	17.49	17.11
<b>Total</b>	<b>17.38</b>	<b>16.48</b>	<b>17.12</b>	<b>16.71</b>	<b>16.91</b>

Source: SDCCD Information System

*Note 1. Non-residents, intersession, 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 4.97.

The three colleges showed improvement in a few accounting methods in 2013 compared to the previous term (see Table 2). The City College/ECC yields increased in Census Week, Independent Study Census Week, and Independent Study Census Day in 2013. At Mesa College, the Positive Attendance-Credit, and Work Experience Census Week yields for Spring 2013 increased compared to Spring 2012. Miramar College showed improvement in Census Week, Census Day, and Positive Attendance-Credit Inservice in Spring 2013.

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

	Spring 2010	Spring 2011	Spring 2012	Spring 2013	Spring Avg.
Census Week	3.52	3.30	3.38	3.38	3.39
Census Day	2.77	2.75	3.02	2.66	2.80
Positive Attendance-Credit, Reg	2.20	2.16	2.18	2.07	2.16
Positive Attendance-Credit, Inservice	4.13	4.01	4.92	8.69	4.99
Independent Study, Census Week	3.90	3.58	3.62	3.72	3.70
Work Experience, Census Week	0.64	0.56	0.40	0.45	0.53
Independent Study, Census Day	2.60	2.51	2.36	2.30	2.43
Work Experience, Census Day	0.35	0.85	0.61	0.46	0.44
<b>Total/Average</b>	<b>3.25</b>	<b>3.10</b>	<b>3.20</b>	<b>3.20</b>	<b>3.19</b>

Source: SDCCD Information System

*Note 1. Non-residents, intersession, 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.*

San Diego Community College District

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

		Spring 2010	Spring 2011	Spring 2012	Spring 2013	Spring Avg.
<b>City College/ ECC</b>	Census Week	3.65	3.43	3.49	3.50	3.51
	Census Day	2.63	2.80	2.97	2.54	2.73
	Positive Attendance-Credit, Reg	2.30	2.33	2.11	1.87	2.16
	Independent Study, Census Week	3.87	3.45	3.35	3.72	3.59
	Work Experience, Census Week	0.55	0.62	0.46	0.43	0.52
	Independent Study, Census Day	1.67	1.74	1.26	1.48	1.53
	Work Experience, Census Day	0.08				0.08
	<b>Total/Average</b>	<b>3.18</b>	<b>3.08</b>	<b>3.05</b>	<b>2.99</b>	<b>3.07</b>
<b>Mesa College</b>	Census Week	3.33	3.15	3.22	3.18	3.22
	Census Day	2.82	2.58	3.12	2.63	2.79
	Positive Attendance-Credit, Reg	2.57	2.24	2.38	2.71	2.45
	Independent Study, Census Week	3.94	3.55	3.68	3.64	3.69
	Work Experience, Census Week	0.64	0.45	0.30	0.47	0.48
	Independent Study, Census Day	3.20	2.97	2.45	2.45	2.73
	Work Experience, Census Day	0.48		0.38		0.46
	<b>Total/Average</b>	<b>3.20</b>	<b>3.01</b>	<b>3.11</b>	<b>3.11</b>	<b>3.11</b>
<b>Miramar College</b>	Census Week	3.71	3.41	3.57	3.64	3.58
	Census Day	2.96	2.95	2.91	3.07	2.97
	Positive Attendance-Credit, Reg	1.21	1.47	1.98	1.88	1.59
	Positive Attendance-Credit, Inservice	4.13	4.01	4.92	8.69	4.99
	Independent Study, Census Week	3.92	3.75	3.84	3.80	3.83
	Work Experience, Census Week	1.27	0.94	0.60	0.60	0.85
	Independent Study, Census Day	3.04	2.66	3.45	3.39	3.15
	Work Experience, Census Day	0.25	0.85	0.85	0.46	0.57
	<b>Total/Average</b>	<b>3.47</b>	<b>3.30</b>	<b>3.60</b>	<b>3.72</b>	<b>3.52</b>

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 2013, the load values for Miramar College increased compared to the previous term.

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

	Spring 2010	Spring 2011	Spring 2012	Spring 2013
<b>City College/ECC</b>	594	567	575	555
<b>Mesa College</b>	577	552	568	550
<b>Miramar College</b>	575	534	570	571
<b>Total</b>	<b>582</b>	<b>553</b>	<b>571</b>	<b>555</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, intersession, 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 63%.

The overall fill rates for Spring 2013 decreased compared to the previous spring term. The overall fill rates for City College/ECC in Spring 2013 increased compared to Spring 2012.

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

		Spring 2010			Spring 2011			Spring 2012			Spring 2013		
		Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate
<b>On Campus</b>	<b>City College/ECC</b>	35,220	40,602	88%	35,741	41,148	87%	33,759	39,292	86%	33,099	37,413	88%
	<b>Mesa College</b>	53,184	55,076	94%	56,598	60,723	91%	55,959	58,628	92%	55,618	60,021	89%
	<b>Miramar College</b>	18,739	18,941	99%	20,579	22,062	93%	20,924	21,606	97%	20,260	21,119	97%
	<b>Total</b>	107,143	114,619	93%	112,918	123,933	90%	110,642	119,526	91%	108,977	118,553	90%
<b>Online</b>	<b>City College/ECC</b>	5,283	5,801	91%	6,450	7,166	90%	5,621	6,406	88%	5,158	6,198	83%
	<b>Mesa College</b>	6,202	6,820	91%	8,585	10,006	86%	7,967	9,459	84%	7,820	9,242	85%
	<b>Miramar College</b>	4,900	5,280	93%	5,691	6,235	91%	6,166	6,582	94%	4,841	5,181	93%
	<b>Total</b>	16,385	17,901	92%	20,726	23,407	89%	19,754	22,447	88%	17,819	20,621	86%
<b>Total</b>	<b>City College/ECC</b>	40,503	46,403	88%	42,191	48,314	88%	39,380	45,698	86%	38,257	43,611	87%
	<b>Mesa College</b>	59,386	61,896	94%	65,183	70,729	90%	63,926	68,087	91%	63,438	69,263	88%
	<b>Miramar College</b>	23,639	24,221	97%	26,270	28,297	92%	27,090	28,188	96%	25,101	26,300	96%
	<b>Total</b>	123,528	132,520	93%	133,644	147,340	90%	130,396	141,973	90%	126,796	139,174	89%

Source: SDCCD Information System

Note 1. Cancelled and tutoring classes are excluded from the Enrollment and Capacity.

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

Note 3. Apprenticeship, in-service, cancelled, intersession, tutoring, and classes with less than two capacity are excluded from the fill rate.

Note 4. PHYE 153 is excluded from the City College/ECC and Miramar College.