



# **College Productivity Annual Benchmark Report 2011-12**

*Prepared by:*  
Office of Institutional Research and Planning  
August 2012

**Purpose**

This report has been prepared in order to provide four productivity indicators for City/ECC, Mesa, and Miramar Colleges by 2011-12 terms (Summer 2011, Fall 2011, and Spring 2012). The productivity indicators are FTES/FTEF ratio, yield, Load, and fill rate. Three-year averages of each term are included as benchmarks for the current terms.

**FTES/FTEF Ratio**

FTES and FTEF data are as of 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 decreased at all three colleges from Fall 2011 to Spring 2012, except for City College/ECC. The Spring 2012 FTES/FTEF ratios were higher than the three-year comparable benchmark average.

**Table 1. FTES/FTEF by Term and College for 2011-12**

FTES/FTEF	2011-12			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
City/ECC	12.75	16.53	16.87	14.80	16.54	16.82
Mesa	18.85	17.53	17.17	16.27	16.64	16.62
Miramar	9.57	17.81	17.39	15.51	16.85	16.54
All Colleges	13.05	17.25	17.11	15.54	16.65	16.67

Source: SDCCD Information System

*Note 1. Non-residents, tutoring, apprenticeship, in-service, intersession, non-state supported, and cancelled classes were excluded.*

## **Yield**

Yield is 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. If there are no classes in a specific accounting method, the yield will be zero. End of term FTES data were used to calculate the yields.

- Overall, all colleges showed improvement in Census Week and Census Day classes in 2011-12 compared to the benchmark averages for spring and fall.
- The City College yield for Positive Attendance Credit classes increased in Fall 2011 compared to equivalent benchmark average.
- At Mesa College, the yields for Work Experience Census Week and Work Experience Census Day classes declined in most 2011-12 terms compared to equivalent benchmark averages for fall and spring.
- Miramar College had an increase in Positive Attendance Credit Regular yields compared to equivalent benchmark averages for fall and spring.

**Table 2. FTES Yields (Credit and Resident only) for 2011-12**

City College/ECC Accounting Methods	2011-12			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	3.39	3.49	0.00	3.40	3.47
Census Day	6.68	2.65	2.96	3.07	2.39	2.63
Positive Attendance-Credit, Reg	20.10	2.30	2.11	1.96	2.13	2.22
Independent Study, Census Week	0.00	3.39	3.35	0.00	3.21	3.51
Work Experience, Census Week	0.00	0.16	0.46	0.00	0.59	0.52
Independent Study, Census Day	0.03	1.47	1.26	2.88	2.06	2.02
Work Experience, Census Day	0.06	0.00	0.00	0.34	0.09	0.08
<b>Total/Ave.</b>	<b>6.27</b>	<b>3.05</b>	<b>3.05</b>	<b>2.84</b>	<b>2.96</b>	<b>3.05</b>

Mesa College Accounting Methods	2011-12			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	3.24	3.22	0.00	3.16	3.16
Census Day	0.00	3.14	3.12	3.31	2.73	2.60
Positive Attendance-Credit, Reg	14.47	2.01	2.38	7.35	2.05	2.42
Independent Study, Census Week	0.00	3.68	3.68	0.00	3.64	3.67
Work Experience, Census Week	0.00	0.37	0.30	0.00	0.55	0.60
Independent Study, Census Day	0.00	2.78	2.45	3.25	3.20	3.06
Work Experience, Census Day	0.00	0.00	0.38	0.57	0.47	0.56
<b>Total/Ave.</b>	<b>14.47</b>	<b>3.12</b>	<b>3.11</b>	<b>3.32</b>	<b>3.01</b>	<b>3.03</b>

Miramar College Accounting Methods	2011-12			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	3.62	3.57	0.00	3.51	3.48
Census Day	5.26	2.91	2.84	3.38	2.86	2.76
Positive Attendance-Credit, Reg	0.00	1.81	1.98	0.90	1.28	1.23
Positive Attendance-Credit, In-service	9.21	4.96	4.92	14.80	5.65	4.64
Independent Study, Census Week	0.00	3.99	3.84	0.00	3.73	3.81
Work Experience, Census Week	0.00	0.93	0.60	0.00	0.61	0.89
Independent Study, Census Day	0.06	3.53	3.45	3.42	3.41	3.09
Work Experience, Census Day	0.00	0.57	0.85	0.46	0.55	0.63
<b>Total/Ave.</b>	<b>8.52</b>	<b>3.61</b>	<b>3.60</b>	<b>4.50</b>	<b>3.46</b>	<b>3.35</b>

All Colleges Accounting Methods	2011-12			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	3.37	3.38	0.00	3.31	3.33
Census Day	6.57	2.88	3.00	3.22	2.60	2.65
Positive Attendance-Credit, Reg	15.88	2.13	2.18	2.95	1.98	2.11
Positive Attendance-Credit, In-service	9.21	4.96	4.92	14.80	5.65	4.64
Independent Study, Census Week	0.00	3.67	3.62	0.00	3.50	3.65
Work Experience, Census Week	0.00	0.41	0.40	0.00	0.58	0.60
Independent Study, Census Day	0.04	2.44	2.36	3.15	2.87	2.69
Work Experience, Census Day	0.06	0.57	0.61	0.43	0.47	0.51
<b>Total/Ave.</b>	<b>8.04</b>	<b>3.20</b>	<b>3.20</b>	<b>3.39</b>	<b>3.09</b>	<b>3.11</b>

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, intersession, and non-state supported courses were excluded.

## Load

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 week semester is 557. End of term data were used to calculate the Loads.

- The Load values decreased from fall to spring for all colleges in the 2011-12 academic year, except for City College.
- The Load values in Spring 2012 at all three colleges were greater or equal than the equivalent benchmark averages.

**Table 3. Load by Term and College for 2011-12**

Load	2011-12			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
City/ECC	458	567	575	484	569	575
Mesa	284	583	568	526	556	555
Miramar	320	585	570	504	551	544
All Colleges	409	578	571	505	559	559

Source: SDCCD Information System

*Note 1. 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. Miramar excludes all in-service classes. Tutoring, positive attendance, cancelled classes, intersession, and courses with zero WSCH are excluded.*

## Fill Rate

Capacity and enrollment data were used to analyze fill rates. Data were as of end of term. 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.

- In 2011-12, the overall fill rate was higher in summer compared to fall and spring.
- In each of the 2011-12 primary terms, Mesa and Miramar produced higher fill rates in on campus courses than in online courses. The opposite was true for City College where fill rates were higher in online courses compared to on campus for both primary terms.
- The overall fill rate was higher in all terms of 2011-12 compared to equivalent benchmark averages.

**Table 4. Fill Rate by Term, Campus, and Modality for 2011-12**

Fill Rate		2011-12			Three-Year Benchmark Average		
		Summer	Fall	Spring	Summer	Fall	Spring
On Campus	City/ECC	100%	85%	86%	81%	83%	87%
	Mesa	100%	95%	93%	85%	92%	91%
	Miramar	---	96%	97%	93%	96%	95%
	Total	100%	91%	91%	84%	90%	90%
Online	City/ECC	---	86%	88%	81%	87%	88%
	Mesa	---	89%	84%	85%	88%	88%
	Miramar	---	90%	94%	89%	92%	92%
	Total	---	88%	88%	85%	88%	89%
All Colleges	City/ECC	100%	85%	86%	81%	84%	87%
	Mesa	100%	94%	91%	85%	92%	91%
	Miramar	---	95%	96%	91%	95%	94%
	Total	100%	91%	91%	85%	89%	90%

Source: SDCCD Information System

*Note 1. Apprenticeship, in-service, cancelled, non-state supported, intersession, tutoring, and classes with less than two capacity are excluded.*

*Note 2. PHYE 153 is excluded from the City College/ECC and Miramar College.*