



**College Productivity  
Annual Benchmark Report  
*As of Final Census***

**2010-11**

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**Purpose**

This report has been prepared in order to provide four productivity indicators for City, Mesa and Miramar Colleges by 2010-11 terms (Summer 2010, Fall 2010, and Spring 2011). 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. (All terms exclude intersession and early summer.)

**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 2010 to Spring 2011. The benchmark average FTES/FTEF ratios at all three colleges were below the FTES/FTEF ratio for the current comparable terms.

**Table 1. FTES/FTEF by Term and College for 2010-11**

FTES/FTEF	2010-11			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
City/ECC	15.91	16.93	16.59	13.51	15.61	16.07
Mesa	17.44	17.03	16.51	14.85	15.99	16.06
Miramar	16.63	17.29	16.23	14.06	15.88	16.05
All Colleges	16.63	17.04	16.48	14.17	15.84	16.06

Source: SDCCD Information System

*Note 1. Non-residents, tutoring, apprenticeship, in-service, 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 4.96. 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.

- All colleges showed improvement in almost all accounting methods in 2010-11 compared to the benchmark averages for summer.
- The City College yield for Independent Study Census Day classes declined in Fall 2010 and Spring 2011 compared to equivalent benchmark averages.
- At Mesa College, the yields for Work Experience Census Week and Census Day classes declined in most 2010-11 terms compared to equivalent benchmark averages for fall and spring.
- Miramar College had a decline in Positive Attendance In-service yields compared to equivalent benchmark averages for all terms.

**Table 2. FTES Yields (Credit and Resident only) for 2010-11**

City College/ECC Accounting Methods	2010-11			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	3.54	3.40	0.00	3.13	3.20
Census Day	3.43	2.61	2.80	2.68	2.22	2.44
Positive Attendance-Credit, Reg	2.34	2.49	2.33	1.69	2.04	2.03
Independent Study, Census Week	0.00	3.34	3.45	0.00	2.95	3.24
Work Experience, Census Week	0.00	0.68	0.62	0.00	0.59	0.54
Independent Study, Census Day	3.13	1.59	1.74	2.63	2.21	2.04
Work Experience, Census Day	0.37	0.00	0.00	0.35	0.09	0.08
<b>Total/Ave.</b>	<b>3.18</b>	<b>3.13</b>	<b>3.07</b>	<b>2.52</b>	<b>2.75</b>	<b>2.82</b>

Mesa College Accounting Methods	2010-11			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	3.24	3.14	0.00	3.02	3.02
Census Day	3.53	2.94	2.58	2.96	2.61	2.46
Positive Attendance-Credit, Reg	10.38	1.92	2.24	3.70	2.20	2.44
Independent Study, Census Week	0.00	3.66	3.55	0.00	3.47	3.62
Work Experience, Census Week	0.00	0.48	0.45	0.00	0.60	0.63
Independent Study, Census Day	3.68	3.10	2.97	3.03	3.16	3.01
Work Experience, Census Day	0.61	0.38	0.00	0.66	0.58	0.50
<b>Total/Ave.</b>	<b>3.61</b>	<b>3.06</b>	<b>3.01</b>	<b>2.95</b>	<b>2.90</b>	<b>2.90</b>

Miramar College Accounting Methods	2010-11			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	3.63	3.41	0.00	3.25	3.37
Census Day	3.67	2.80	2.95	2.97	2.66	2.64
Positive Attendance-Credit, Reg	1.88	1.68	1.45	0.49	1.01	1.11
Positive Attendance-Credit, In-service	10.58	3.57	4.02	35.20	6.97	6.80
Independent Study, Census Week	0.00	3.92	3.75	0.00	3.61	3.75
Work Experience, Census Week	0.00	0.36	0.94	0.00	0.68	0.76
Independent Study, Census Day	3.63	3.21	2.66	3.17	3.32	3.18
Work Experience, Census Day	0.00	0.66	0.85	0.41	0.45	0.40
<b>Total/Ave.</b>	<b>4.04</b>	<b>3.39</b>	<b>3.30</b>	<b>4.59</b>	<b>3.32</b>	<b>3.38</b>

All Colleges Accounting Methods	2010-11			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	3.42	3.29	0.00	3.11	3.15
Census Day	3.52	2.77	2.75	2.85	2.43	2.48
Positive Attendance-Credit, Reg	3.49	2.17	2.15	2.24	1.92	1.99
Positive Attendance-Credit, In-service	10.58	3.57	4.02	35.20	6.97	6.80
Independent Study, Census Week	0.00	3.62	3.58	0.00	3.31	3.51
Work Experience, Census Week	0.00	0.53	0.56	0.00	0.61	0.61
Independent Study, Census Day	3.46	2.69	2.51	2.91	2.82	2.63
Work Experience, Census Day	0.47	0.42	0.85	0.45	0.52	0.44
<b>Total/Ave.</b>	<b>3.54</b>	<b>3.16</b>	<b>3.10</b>	<b>3.13</b>	<b>2.94</b>	<b>2.97</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, 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 three colleges in the 2010-11 academic year.
- The Load values at all three colleges were greater in each term than equivalent benchmark averages.

**Table 3. Load by Term and College for 2010-11**

Load	2010-11			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
City	520	581	567	441	537	549
Mesa	564	569	552	484	535	535
Miramar	542	568	534	455	520	530
All Colleges	541	573	553	462	533	539

Source: SDCCD Information System

*Note 1: Early summer and intersession courses are excluded.*

*Note 2: 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, and cancelled, 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 2010-11, the overall fill rates at Mesa and Miramar College were higher in fall compared to spring and summer.
- In each of the 2010-11 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 courses except for the spring term.
- Overall, the fill rates at each of the colleges were higher in the summer, fall and spring terms of 2010-11 compared to equivalent benchmark averages.

**Table 4. Fill Rate by Term, Campus, and Modality for 2010-11**

Fill Rate		2010-11			Three-Year Benchmark Average		
		Summer	Fall	Spring	Summer	Fall	Spring
On Campus	City	93%	92%	92%	70%	82%	85%
	Mesa	93%	97%	93%	77%	91%	90%
	Miramar	101%	101%	97%	81%	91%	95%
	Total	94%	96%	94%	75%	88%	89%
Online	City	89%	89%	93%	77%	83%	85%
	Mesa	90%	86%	86%	82%	86%	87%
	Miramar	90%	93%	91%	85%	90%	93%
	Total	90%	88%	89%	81%	86%	88%
All Colleges	City	92%	92%	92%	72%	82%	85%
	Mesa	92%	96%	92%	78%	91%	89%
	Miramar	96%	99%	96%	83%	91%	94%
	Total	93%	95%	93%	76%	88%	89%

Source: SDCCD Information System

*Note 1: Early summer and intersession courses are excluded.*

*Note 2: Apprenticeship, non-state supported, in-service, cancelled, tutoring, and classes with 0 capacity are excluded from the Fill Rate. Positive attendance capacity is estimated at 60% of the recorded cap for the Fill Rate calculation.*