



# **College Productivity Annual Benchmark Report 2013/14**

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August 2014

**Purpose**

This report has been prepared in order to provide four productivity indicators for City/ECC, Mesa, and Miramar Colleges by 2013/14 terms (Summer 2013, Fall 2013, and Spring 2014). 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 2013 to Spring 2014. Districtwide, the Spring 2014 FTES/FTEF ratios were lower than the three-year comparable benchmark average.

**Table 1. FTES/FTEF by Term and College for 2013-14**

FTES/FTEF	2013-14			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
City/ECC	13.18	16.31	15.32	15.11	16.78	16.61
Mesa	37.79	16.67	15.91	17.69	17.38	16.86
Miramar	74.73	17.12	16.47	15.99	17.64	17.02
All Colleges	15.06	16.64	15.81	16.12	17.23	16.81

Source: SDCCD Information System

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

*Note 2. The three-year benchmark is the average of the three most current like terms. This includes the current term.*

## **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 higher yields in Fall 2013 compared to Spring 2014.
- The City College/ECC yield for Independent Study Census Day classes increased in Fall 2013 compared to equivalent benchmark average for fall.
- At Mesa College, the yields for Independent Study Census Day classes increased in Spring 2014 compared to equivalent benchmark average for spring.
- Miramar College had an increase in Positive Attendance Credit In-Service yields for Summer 2013, Fall 2013, and Spring 2014 compared to equivalent benchmark averages for summer, fall, and spring.

**Table 2. FTES Yields (Credit and Resident only) for 2013-14**

City College/ECC Accounting Methods	2013-14			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	3.21	3.07	0.00	3.47	3.47
Census Day	6.54	2.43	2.24	3.77	2.68	2.77
Positive Attendance-Credit, Reg	0.66	2.02	1.70	2.93	2.34	2.11
Independent Study, Census Week	0.00	3.51	3.61	0.00	3.47	3.49
Work Experience, Census Week	0.00	0.42	0.42	0.00	0.52	0.51
Independent Study, Census Day	0.00	1.77	1.58	3.04	1.53	1.47
Work Experience, Census Day	0.00	0.00	0.00	0.34	0.00	0.00
<b>Total/Ave.</b>	<b>4.86</b>	<b>2.90</b>	<b>2.70</b>	<b>3.42</b>	<b>3.10</b>	<b>3.04</b>

Mesa College Accounting Methods	2013-14			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	2.86	2.83	0.00	3.24	3.18
Census Day	0.00	2.78	2.25	3.53	2.89	2.79
Positive Attendance-Credit, Reg	0.00	1.98	2.38	11.63	1.98	2.40
Independent Study, Census Week	0.00	3.60	3.52	0.00	3.73	3.63
Work Experience, Census Week	0.00	0.28	0.23	0.00	0.41	0.39
Independent Study, Census Day	0.00	2.49	2.66	3.68	2.84	2.61
Work Experience, Census Day	0.00	0.06	0.16	0.61	0.38	0.38
<b>Total/Ave.</b>	<b>0.00</b>	<b>2.82</b>	<b>2.76</b>	<b>3.81</b>	<b>3.09</b>	<b>3.08</b>

Miramar College Accounting Methods	2013-14			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	3.40	3.23	0.00	3.65	3.54
Census Day	0.00	3.11	3.00	3.64	2.88	2.98
Positive Attendance-Credit, Reg	0.76	1.38	1.38	1.40	1.74	1.74
Positive Attendance-Credit, In-service	24.31	7.40	9.33	10.84	5.39	5.21
Independent Study, Census Week	0.00	3.72	3.56	0.00	3.95	3.80
Work Experience, Census Week	0.00	0.94	0.57	0.00	0.65	0.71
Independent Study, Census Day	0.00	3.47	3.21	3.58	3.41	3.18
Work Experience, Census Day	0.00	0.46	0.47	0.00	0.53	0.65
<b>Total/Ave.</b>	<b>17.06</b>	<b>3.56</b>	<b>3.52</b>	<b>5.24</b>	<b>3.59</b>	<b>3.53</b>

All Colleges Accounting Methods	2013-14			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	3.09	3.00	0.00	3.40	3.35
Census Day	6.54	2.67	2.36	3.66	2.80	2.81
Positive Attendance-Credit, Reg	0.71	1.90	1.81	4.66	2.13	2.14
Positive Attendance-Credit, In-service	24.31	7.40	9.33	10.84	5.39	5.21
Independent Study, Census Week	0.00	3.61	3.56	0.00	3.70	3.64
Work Experience, Census Week	0.00	0.35	0.32	0.00	0.48	0.48
Independent Study, Census Day	0.00	2.49	2.42	3.40	2.52	2.38
Work Experience, Census Day	0.00	0.32	0.26	0.44	0.44	0.60
<b>Total/Ave.</b>	<b>10.74</b>	<b>3.01</b>	<b>2.90</b>	<b>4.04</b>	<b>3.21</b>	<b>3.17</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 2013/14 academic year.
- The Load values in Spring 2014 at all three colleges were lower than the equivalent benchmark averages and the statewide benchmark of 557.

**Table 3. Load by Term and College for 2013-14**

Load	2013-14			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
City/ECC	439	560	527	503	577	567
Mesa	522	556	521	553	581	563
Miramar	--	560	539	521	582	560
All Colleges	441	558	527	523	580	564

Source: SDCCD Information System

*Note 1. 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 class 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 2013/14, the fill rate for each college and Districwide was higher in fall compared to spring and summer.
- In each of the 2013/14 primary terms, each college produced higher fill rates in on campus courses than in online courses.
- The overall fill rate was lower in fall and spring compared to equivalent benchmark average.

**Table 4. Fill Rate by Term, Campus, and Modality for 2013-14**

Fill Rate		2013-14			Three-Year Benchmark Average		
		Summer	Fall	Spring	Summer	Fall	Spring
On Campus	City/ECC	44%	86%	81%	91%	89%	87%
	Mesa	86%	90%	86%	93%	95%	91%
	Miramar	90%	97%	93%	92%	99%	95%
	Total	81%	90%	86%	92%	94%	90%
Online	City/ECC	--	84%	80%	87%	86%	87%
	Mesa	--	83%	82%	90%	88%	85%
	Miramar	--	90%	87%	90%	93%	93%
	Total	--	85%	82%	89%	89%	88%
All Colleges	City/ECC	44%	86%	81%	90%	88%	87%
	Mesa	86%	89%	86%	92%	94%	90%
	Miramar	90%	95%	92%	91%	98%	95%
	Total	81%	89%	85%	91%	93%	90%

Source: SDCCD Information System

*Note 1. Apprenticeship, in-service, cancelled, 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.*