



College Productivity Annual Benchmark Report 2012/13

Prepared by:
Office of Institutional Research and Planning
August 2013

Purpose

This report has been prepared in order to provide four productivity indicators for City/ECC, Mesa, and Miramar Colleges by 2012/13 terms (Summer 2012, Fall 2012, and Spring 2013). 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 2012 to Spring 2013. The Fall 2012 FTES/FTEF ratios were higher than the three-year comparable benchmark average.

Table 1. FTES/FTEF by Term and College for 2012-13

FTES/FTEF	2012-13			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
City/ECC	13.29	16.88	16.33	15.36	16.84	16.97
Mesa	22.98	17.60	16.90	16.97	17.18	16.98
Miramar	--	17.82	17.49	15.67	17.50	16.99
All Colleges	14.58	17.40	16.83	16.03	17.12	16.98

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 Independent Study Census Week and Work Experience Census Day classes in 2012/13 compared to the benchmark averages for fall.
- The City College/ECC yield for Census Day and Independent Study Census Week classes increased in Fall 2012 compared to equivalent benchmark averages.
- At Mesa College, the yields for Census Week and Independent Study Census Week classes increased in Fall 2012 compared to equivalent benchmark averages for fall.
- 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 2012-13

City College/ECC Accounting Methods	2012-13			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	3.47	3.51	0.00	3.51	3.52
Census Day	6.29	2.81	2.54	3.40	2.59	2.80
Positive Attendance-Credit, Reg	0.00	2.23	1.88	2.46	2.30	2.25
Independent Study, Census Week	0.00	3.72	3.72	0.00	3.41	3.56
Work Experience, Census Week	0.00	0.41	0.43	0.00	0.60	0.55
Independent Study, Census Day	0.00	1.54	1.48	3.07	1.62	1.55
Work Experience, Census Day	0.00	0.00	0.00	0.36	0.09	0.08
Total/Ave.	6.29	3.11	2.99	3.15	3.10	3.10

Mesa College Accounting Methods	2012-13			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	3.26	3.19	0.00	3.24	3.23
Census Day	0.00	2.80	2.66	3.50	2.84	2.84
Positive Attendance-Credit, Reg	9.87	2.06	2.71	9.49	1.99	2.39
Independent Study, Census Week	0.00	3.85	3.64	0.00	3.68	3.70
Work Experience, Census Week	0.00	0.36	0.47	0.00	0.50	0.48
Independent Study, Census Day	0.00	2.58	2.45	3.36	3.06	2.84
Work Experience, Census Day	0.00	0.00	0.00	0.64	0.40	0.46
Total/Ave.	9.87	3.11	3.12	3.56	3.08	3.11

Miramar College Accounting Methods	2012-13			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	3.70	3.64	0.00	3.67	3.56
Census Day	0.00	2.96	3.09	3.52	2.95	2.94
Positive Attendance-Credit, Reg	0.00	1.76	1.88	1.11	1.58	1.50
Positive Attendance-Credit, In-service	16.51	8.88	7.99	8.47	4.51	4.37
Independent Study, Census Week	0.00	3.92	3.80	0.00	3.88	3.83
Work Experience, Census Week	0.00	1.03	0.60	0.00	0.63	0.94
Independent Study, Census Day	0.00	3.54	3.39	3.47	3.48	3.08
Work Experience, Census Day	0.00	0.46	0.46	0.00	0.57	0.65
Total/Ave.	16.51	3.80	3.71	4.18	3.54	3.45

All Colleges Accounting Methods	2012-13			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	3.42	3.39	0.00	3.42	3.40
Census Day	6.29	2.83	2.67	3.46	2.75	2.84
Positive Attendance-Credit, Reg	9.87	2.11	2.08	3.81	2.09	2.18
Positive Attendance-Credit, In-service	16.51	8.88	7.99	8.47	4.51	4.37
Independent Study, Census Week	0.00	3.83	3.72	0.00	3.64	3.69
Work Experience, Census Week	0.00	0.45	0.45	0.00	0.55	0.54
Independent Study, Census Day	0.00	2.42	2.30	3.28	2.68	2.48
Work Experience, Census Day	0.00	0.46	0.46	0.47	0.41	0.44
Total/Ave.	11.70	3.26	3.20	3.54	3.19	3.19

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 2012/13 academic year.
- The Load values in Spring 2013 at all three colleges were lower than the equivalent benchmark averages except for Miramar College.

Table 3. Load by Term and College for 2012-13

Load	2012-13			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
City/ECC	452	578	555	509	586	580
Mesa	418	585	561	548	568	563
Miramar	--	581	571	516	567	552
All Colleges	449	582	561	526	573	566

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 2012/13, the overall fill rate was higher in fall compared to spring and summer.
- In each of the 2012/13 primary terms, each college produced higher fill rates in on campus courses than in online courses.
- The overall fill rate was higher in fall compared to equivalent benchmark averages.

Table 4. Fill Rate by Term, Campus, and Modality for 2012-13

Fill Rate		2012-13			Three-Year Benchmark Average		
		Summer	Fall	Spring	Summer	Fall	Spring
On Campus	City/ECC	--	92%	88%	89%	87%	88%
	Mesa	89%	95%	89%	90%	94%	92%
	Miramar	68%	101%	97%	96%	99%	95%
	Total	70%	95%	90%	91%	92%	91%
Online	City/ECC	--	86%	83%	84%	89%	90%
	Mesa	--	88%	85%	86%	87%	88%
	Miramar	--	93%	93%	90%	93%	92%
	Total	--	89%	86%	86%	89%	90%
All Colleges	City/ECC	--	91%	87%	87%	87%	88%
	Mesa	89%	94%	88%	89%	94%	92%
	Miramar	68%	99%	96%	93%	97%	95%
	Total	70%	94%	89%	89%	92%	91%

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.