



College Productivity Annual Benchmark Report 2014/15

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Purpose

This report has been prepared in order to provide four productivity indicators for City/ECC, Mesa, and Miramar Colleges by 2014/15 terms (Summer 2014, Fall 2014, and Spring 2015). 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 2014 to Spring 2015. The Summer 2014 FTES/FTEF ratios for City/ECC and Miramar College were higher than the three-year comparable benchmark average.

Table 1. FTES/FTEF by Term and College for 2014/15

FTES/FTEF	2014/15			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
City/ECC	14.18	15.50	15.22	13.08	16.57	16.16
Mesa	15.44	15.75	15.08	23.07	17.26	16.66
Miramar	15.03	16.36	15.92	11.42	17.58	17.11
All Colleges	14.90	15.78	15.29	14.12	17.09	16.58

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 does not include 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.

- The overall average for Mesa and Miramar Colleges showed higher yields in Fall 2014 compared to Spring 2015.
- The City College/ECC yield for Independent Study Census Week classes increased in Fall 2014 compared to equivalent benchmark average for fall.
- At Mesa College, the yields for Positive Attendance Credit classes increased in Spring 2015 compared to equivalent benchmark average for spring.
- Miramar College had an increase in Census Day yields for Fall 2014, and Spring 2015 compared to equivalent benchmark averages for fall, and spring.

Table 2. FTES Yields (Credit and Resident only) for 2014/15

City College/ECC Accounting Methods	2014/15			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	2.77	2.90	0.00	3.36	3.34
Census Day	2.82	2.14	2.19	6.51	2.62	2.56
Positive Attendance-Credit, Reg	1.71	2.03	1.74	4.54	2.19	1.89
Independent Study, Census Week	0.00	3.70	3.76	0.00	3.54	3.55
Work Experience, Census Week	0.00	0.58	0.41	0.00	0.39	0.44
Independent Study, Census Day	3.13	1.95	1.92	0.03	1.59	1.44
Work Experience, Census Day	0.22	0.00	0.51	0.06	0.00	0.00
Total/Ave.	2.82	2.65	2.67	5.78	3.02	2.90

Mesa College Accounting Methods	2014/15			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	2.74	2.63	0.00	3.11	3.07
Census Day	2.86	2.38	1.79	0.00	2.90	2.69
Positive Attendance-Credit, Reg	3.50	2.03	2.59	12.63	2.00	2.47
Independent Study, Census Week	0.00	3.72	3.63	0.00	3.71	3.62
Work Experience, Census Week	0.00	0.31	0.19	0.00	0.33	0.26
Independent Study, Census Day	3.42	2.47	2.26	0.00	2.61	2.52
Work Experience, Census Day	0.25	0.00	0.13	0.00	0.06	0.23
Total/Ave.	2.94	2.71	2.59	12.63	3.01	2.99

Miramar College Accounting Methods	2014/15			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	3.11	2.86	0.00	3.57	3.48
Census Day	3.33	3.07	3.37	5.26	3.02	3.00
Positive Attendance-Credit, Reg	1.12	1.33	1.67	0.76	1.65	1.71
Positive Attendance-Credit, In-service	23.28	7.95	7.62	15.09	6.79	6.99
Independent Study, Census Week	0.00	3.53	3.30	0.00	3.88	3.74
Work Experience, Census Week	0.00	1.13	1.16	0.00	0.98	0.59
Independent Study, Census Day	3.45	3.25	3.22	0.06	3.51	3.35
Work Experience, Census Day	0.11	0.47	0.82	0.00	0.48	0.56
Total/Ave.	4.96	3.41	3.22	13.22	3.65	3.61

All Colleges Accounting Methods	2014/15			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	2.83	2.78	0.00	3.29	3.25
Census Day	2.92	2.42	2.23	6.48	2.80	2.68
Positive Attendance-Credit, Reg	1.99	1.89	1.96	6.35	2.05	2.01
Positive Attendance-Credit, In-service	23.28	7.95	7.62	15.09	6.79	6.99
Independent Study, Census Week	0.00	3.66	3.56	0.00	3.70	3.63
Work Experience, Census Week	0.00	0.45	0.36	0.00	0.40	0.37
Independent Study, Census Day	3.34	2.50	2.42	0.04	2.45	2.35
Work Experience, Census Day	0.23	0.47	0.49	0.06	0.41	0.42
Total/Ave.	3.34	2.85	2.77	9.84	3.16	3.10

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 2014/15 academic year.
- The Load values in Spring 2015 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 2014/15

Load	2014/15			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
City/ECC	456	528	515	413	567	550
Mesa	500	527	498	252	575	551
Miramar	490	539	522	238	577	561
All Colleges	482	530	508	381	573	553

Source: SDCCD Information System

Note 1. Miramar excludes all in-service classes. Tutoring, positive attendance, cancelled classes, and intersession 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 2014/15, the overall fill rate for each college and Districwide was higher in fall compared to spring and summer.
- In each of the 2014/15 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 2014/15

Fill Rate		2014/15			Three-Year Benchmark Average		
		Summer	Fall	Spring	Summer	Fall	Spring
On Campus	City/ECC	80%	82%	81%	77%	88%	85%
	Mesa	75%	88%	83%	92%	94%	89%
	Miramar	86%	93%	89%	79%	99%	95%
	Total	78%	87%	83%	80%	93%	89%
Online	City/ECC	75%	78%	80%	--	86%	83%
	Mesa	79%	82%	81%	--	87%	83%
	Miramar	86%	86%	83%	--	92%	92%
	Total	79%	82%	81%	--	88%	86%
All Colleges	City/ECC	79%	82%	81%	77%	88%	85%
	Mesa	76%	87%	82%	92%	93%	88%
	Miramar	86%	91%	88%	79%	98%	95%
	Total	79%	86%	83%	80%	92%	88%

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 and EXSC 124 are excluded from the City College/ECC and Miramar College fill rates.