



College Productivity Annual Benchmark Report 2009-10

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Purpose

This report has been prepared in order to provide four productivity indicators for City, Mesa and Miramar Colleges by 2009-10 terms (Summer 2009, Fall 2009, and Spring 2010). The productivity indicators are FTES/FTEF ratio, yield, Load, and fill rate and reported as final end of term results. 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 increased at all three colleges from Summer 2009 to Spring 2010. Furthermore, 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 2009-10

FTES/FTEF	2009-10			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
City	14.99	16.94	17.44	12.36	14.84	14.93
Mesa	16.31	16.97	17.25	13.67	15.28	14.90
Miramar	14.90	17.32	17.45	13.20	15.10	14.82
All Colleges	15.53	17.03	17.35	13.09	15.09	14.89

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 2009-10 compared to the benchmark averages.
- The City College yield for Work Experience Census Week classes declined in Spring 2010 compared to the spring benchmark average. Independent Study Census Day yields declined in Fall 2009 and Spring 2010 compared to equivalent benchmark averages.
- At Mesa College, the yields for Work Experience Census Week and Census Day classes declined in most 2009-10 terms compared to equivalent benchmark averages.
- Miramar College had a decline in Fall 2009 and Spring 2010 Positive Attendance In-Service yields as a result of moving certain sections of in-service to different terms. Spring 2010 Work Experience Census Day yields also declined compared to the equivalent benchmark average.

Table 2. FTES Yields (Credit and Resident only) for 2009-10

City College/ECC Accounting Methods	2009-10			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	3.56	3.65	0.00	2.84	2.86
Census Day	3.09	2.42	2.55	2.37	2.07	2.30
Positive Attendance-Credit, Reg	1.75	1.95	2.20	1.68	1.87	1.74
Independent Study, Census Week	0.00	3.51	3.87	0.00	2.65	2.73
Work Experience, Census Week	0.00	0.60	0.55	0.00	0.54	0.58
Independent Study, Census Day	3.04	1.84	1.67	2.41	2.24	2.11
Work Experience, Census Day	0.38	0.09	0.08	0.33	0.00	0.00

Mesa College Accounting Methods	2009-10			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	3.20	3.31	0.00	2.85	2.78
Census Day	3.43	2.91	2.79	2.64	2.46	2.21
Positive Attendance-Credit, Reg	6.85	2.05	2.43	3.43	1.94	2.20
Independent Study, Census Week	0.00	3.71	3.94	0.00	3.07	3.24
Work Experience, Census Week	0.00	0.60	0.64	0.00	0.65	0.69
Independent Study, Census Day	3.05	3.30	3.20	2.97	2.89	2.78
Work Experience, Census Day	0.66	0.42	0.48	0.79	0.79	0.57

Miramar College Accounting Methods	2009-10			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	3.72	3.70	0.00	3.03	3.06
Census Day	3.37	3.11	2.99	2.68	2.20	2.51
Positive Attendance-Credit, Reg	0.59	1.22	1.21	0.41	0.92	1.05
Positive Attendance-Credit, In-service	11.34	3.99	3.59	8.18	7.56	7.03
Independent Study, Census Week	0.00	3.71	3.92	0.00	3.46	3.49
Work Experience, Census Week	0.00	0.89	1.27	0.00	0.66	0.64
Independent Study, Census Day	3.27	3.70	3.05	3.05	2.54	3.05
Work Experience, Census Day	0.00	0.47	0.25	0.40	0.28	0.35

All Colleges Accounting Methods	2009-10			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
Census Week	0.00	3.43	3.50	0.00	2.89	2.86
Census Day	3.28	2.73	2.72	2.53	2.23	2.30
Positive Attendance-Credit, Reg	2.72	1.89	2.11	2.16	1.71	1.75
Positive Attendance-Credit, In-service	11.34	3.99	3.59	8.18	7.56	7.03
Independent Study, Census Week	0.00	3.63	3.90	0.00	3.03	3.11
Work Experience, Census Week	0.00	0.64	0.64	0.00	0.60	0.62
Independent Study, Census Day	3.11	2.93	2.60	2.77	2.53	2.53
Work Experience, Census Day	0.50	0.39	0.35	0.47	0.73	0.49

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 increased in each consecutive term in the 2009-10 academic year. This is consistent across all three colleges.
- The Load values at all three colleges were greater in each term than equivalent benchmark averages, with the exception of Miramar College which had a lower Summer 2009 Load than its counterpart benchmark average.

Table 3. Load by Term and College for 2009-10

Load	2009-10			Three-Year Benchmark Average		
	Summer	Fall	Spring	Summer	Fall	Spring
City	499	560	576	405	494	495
Mesa	544	567	577	459	509	497
Miramar	534	600	610	593	541	557
All Colleges	524	571	583	467	510	508

Source: SDCCD Information System

Note 1. Sections with zero WSCH , and cancelled sections 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 2009-10, the fill rates at each of the colleges were higher in primary terms than in summer. This is consistent across on campus and online courses.
- In each of the 2009-10 terms, Mesa and Miramar produced higher fill rates in on campus courses than in online courses. However, City fill rates fluctuated throughout the year when comparing on campus course and online courses.
- The fill rates at each of the colleges were higher in the summer, fall and spring terms of 2009-10 compared to equivalent benchmark averages. This is consistent for both on campus and online courses.

Table 4. Fill Rate by Term, Campus, and Modality for 2009-10

Fill Rate		2009-10			Three-Year Benchmark Average		
		Summer	Fall	Spring	Summer	Fall	Spring
On Campus	City	88%	88%	91%	60%	73%	74%
	Mesa	88%	94%	95%	69%	84%	81%
	Miramar	95%	100%	99%	73%	83%	84%
	Total	89%	93%	94%	66%	80%	79%
Online	City	82%	91%	91%	67%	69%	73%
	Mesa	83%	89%	91%	80%	84%	82%
	Miramar	88%	93%	93%	82%	86%	89%
	Total	84%	91%	91%	76%	79%	80%
All Colleges	City	86%	88%	91%	62%	72%	74%
	Mesa	87%	94%	94%	71%	84%	81%
	Miramar	92%	99%	97%	76%	84%	85%
	Total	88%	93%	94%	68%	79%	79%

Source: SDCCD Information System

Note 1. Tutoring (positive attendance non-credit), apprenticeship, in-service, non-state supported, classes with a capacity less than two, classes with enrollment equal to zero, and cancelled classes were excluded.