



College Productivity Report

Fall 2015

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Office of Institutional Research and Planning
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College Productivity Report – Fall 2015 As of End of Term

Purpose

This report has been prepared in order to provide four productivity indicators for City/ECC, Mesa, and Miramar Colleges for the last four fall terms including Fall 2015.

FTES/FTEF Ratio

FTES and FTEF data are from 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 for all three colleges decreased in Fall 2015 compared to the previous term. The FTES/FTEF ratio for Fall 2015 was lower than the four term average (City College/ECC 15.2, Mesa College 15.2, and Miramar 15.9). The All Colleges benchmark (based on the average FTES/FTEF of the reported four fall terms) is 16.3. For Fall 2015, the average class size for each college was as follows: City/ECC 30.4, Mesa 30.4, Miramar 31.9, and All Colleges 30.7.

Table 1. FTES/FTEF by Term and College for Fall Terms

	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall Avg.
City College/ECC	16.82	16.31	15.50	15.22	15.94
Mesa College	17.61	16.67	15.75	15.20	16.28
Miramar College	17.83	17.12	16.36	15.93	16.75
Total	17.39	16.64	15.78	15.36	16.26

Source: SDCCD Information System

Note. Non-residents, tutoring, apprenticeship, in-service, non-state supported, and cancelled classes are excluded.

Yields

Data were used from end of term to calculate the yields. Yields are 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.

The three colleges showed improvement in several accounting methods in 2015 compared to the previous term (see Table 2). The City College/ECC yields increased in Census Day and Online Census Day in Fall 2015 compared to 2014. Mesa College yields increased in Online Census Day and Positive Attendance Credit in Fall 2015 compared to 2014. Miramar College showed improvement in Census Day, Positive Attendance-Credit In-service and Work Experience Census Week in Fall 2014 compared to Fall 2015.

Table 2.1 FTES Yields (Credit and Resident only) for All Colleges

	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall Avg.
Census Week	3.40	3.09	2.83	2.69	2.99
Census Day	2.95	2.67	2.42	2.59	2.65
Positive Attendance-Credit, Reg	2.10	1.90	1.89	1.91	1.96
Positive Attendance-Credit, In-service	8.88	7.40	7.95	8.03	8.00
Online, Census Week	3.83	3.61	3.66	3.48	3.64
Online, Census Day	2.42	2.49	2.50	2.60	2.51
Work Experience, Census Week	0.45	0.35	0.45	0.31	0.39
Work Experience, Census Day	0.46	0.32	0.47	0.20	0.36

Source: SDCCD Information System

Note. 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 are excluded.

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Table 2.2 FTES Yields (Credit and Resident only)

		Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall Avg.
City College/ ECC	Census Week	3.45	3.21	2.77	2.59	2.98
	Census Day	2.84	2.43	2.14	2.57	2.49
	Positive Attendance-Credit, Reg	2.23	2.02	2.03	1.99	2.07
	Online, Census Week	3.72	3.51	3.70	3.70	3.66
	Online, Census Day	1.54	1.77	1.95	2.12	1.86
	Work Experience, Census Week	0.41	0.42	0.58	0.29	0.42
Mesa College	Census Week	3.24	2.86	2.74	2.62	2.86
	Census Day	3.04	2.78	2.38	2.37	2.63
	Positive Attendance-Credit, Reg	2.03	1.98	2.03	2.31	2.08
	Online, Census Week	3.85	3.60	3.72	3.39	3.63
	Online, Census Day	2.58	2.49	2.47	2.64	2.55
	Work Experience, Census Week	0.36	0.28	0.31	0.20	0.29
	Work Experience, Census Day		0.06			0.06
Miramar College	Census Week	3.68	3.40	3.11	2.98	3.27
	Census Day	3.04	3.11	3.07	3.09	3.08
	Positive Attendance-Credit, Reg	1.80	1.38	1.33	1.27	1.43
	Positive Attendance-Credit, In-service	8.88	7.40	7.95	8.03	8.00
	Online, Census Week	3.92	3.72	3.53	3.36	3.63
	Online, Census Day	3.54	3.47	3.25	3.04	3.28
	Work Experience, Census Week	1.03	0.94	1.13	1.24	1.09
	Work Experience, Census Day	0.46	0.46	0.47	0.20	0.40

Source: SDCCD Information System

Load

Data were used from end of term to calculate the loads. 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.

In Fall 2015, the load value for each college was lower than the four term fall average.

Table 3. Load by Term and College for Fall Terms

	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall Avg.
City College/ECC	579	560	532	525	548
Mesa College	586	556	527	508	543
Miramar College	581	560	539	526	550
Total	583	558	531	517	546

Source: SDCCD Information System

Note. Sections with zero WSCH, positive attendance, in-service, and cancelled sections are excluded.

Fill Rate

The capacity and enrollment data, for all accounting methods, were used to analyze fill rates. Data were as of end of term and were used for all four terms. Enrollment as of end of term 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 63%.

The overall fill rates for Fall 2015 decreased by 2% compared to the previous fall term.

Table 4. Fill Rate by Term, Campus, and Modality

		Fall 2012			Fall 2013			Fall 2014			Fall 2015		
		Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate	Enrollment	Capacity	Fill Rate
On Campus	City College/ECC	33,598	36,200	92%	33,673	38,784	86%	33,248	39,774	82%	33,095	39,832	81%
	Mesa College	55,189	56,026	95%	55,083	59,134	90%	51,979	57,693	88%	50,608	57,900	85%
	Miramar College	19,891	19,522	101%	20,769	21,217	97%	20,941	22,457	93%	22,654	24,801	91%
	Total	108,678	111,748	95%	109,525	119,135	90%	106,168	119,924	87%	106,357	122,533	85%
Online	City College/ECC	5,823	6,754	86%	5,205	6,219	84%	5,218	6,662	78%	5,686	7,224	79%
	Mesa College	6,636	7,559	88%	7,313	8,832	83%	7,349	8,928	82%	8,575	10,662	80%
	Miramar College	4,793	5,174	93%	4,799	5,362	90%	4,878	5,665	86%	5,008	5,983	84%
	Total	17,252	19,487	89%	17,317	20,413	85%	17,445	21,255	82%	19,269	23,869	81%
Total	City College/ECC	39,421	42,954	91%	38,878	45,003	86%	38,466	46,436	82%	38,781	47,056	81%
	Mesa College	61,825	63,585	94%	62,396	67,966	89%	59,328	66,621	87%	59,183	68,562	85%
	Miramar College	24,684	24,696	99%	25,568	26,579	95%	25,819	28,122	91%	27,662	30,784	89%
	Total	125,930	131,235	94%	126,842	139,548	89%	123,613	141,179	86%	125,626	146,402	84%

Source: SDCCD Information System

Note 1. Cancelled and tutoring classes are excluded from the Enrollment and Capacity.

Note 2. The Enrollment and Capacity in the Productivity table are not part of the Fill Rate calculation.

Note 3. Apprenticeship, in-service, cancelled, tutoring, and classes with less than two capacity are excluded from the fill rate.

Note 4. PHYE 153 and EXSC 124 are excluded from City College/ECC and Miramar College.