



College Productivity Report

Fall 2012

Prepared by:
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College Productivity Report – Fall 2012

As of First Census

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 2012.

FTES/FTEF Ratio

FTES and FTEF data are from First Census and only include the Census Week accounting method. 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 increased in Fall 2012 compared to the previous three terms. For Fall 2012, the average class size for each college was as follows: City/ECC 35.5, Mesa 35.9, Miramar 36.4, and District 35.9. The District benchmark (based on the average of the reported four fall terms) is 17.7.

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

| | Fall 09 | Fall 10 | Fall 11 | Fall 12 | Fall Avg. |
|---------------------|---------|---------|---------|---------|-----------|
| City/ECC | 18.15 | 18.07 | 17.65 | 17.77 | 17.91 |
| Mesa | 17.24 | 17.47 | 17.69 | 17.96 | 17.59 |
| Miramar | 17.62 | 17.54 | 17.93 | 18.20 | 17.82 |
| All Colleges | 17.59 | 17.67 | 17.72 | 17.95 | 17.73 |

Source: SDCCD Information System

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

Yields

Data were used from First Census 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.

- City/ECC and Miramar College showed improvement in Census Week accounting methods yields in Fall 2012 compared to the previous term (see Table 2). The City College yields for Independent Study Census Week and Independent Study Census Day increased in Fall 2012 compared to Fall 2011. At Mesa College, the Independent Study Census Week yields for Fall 2012 increased compared to Fall 2011. Miramar College showed improvement in Census Day and Work Experience Census Week yields in Fall 2012 compared to Fall 2011.

**Table 2. FTES Yields (Credit and Resident only)
Fall 2009 - Fall 2012**

| City College/ECC Accounting Methods | Fall 2009 | Fall 2010 | Fall 2011 | Fall 2012 | Fall Avg. |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|
| Census Week | 3.59 | 3.59 | 3.44 | 3.49 | 3.53 |
| Census Day | 2.19 | 2.29 | 2.44 | 2.40 | 2.33 |
| Positive Attendance-Credit, Reg | NA | NA | NA | NA | NA |
| Independent Study, Census Week | 3.46 | 3.33 | 3.34 | 3.71 | 3.46 |
| Work Experience, Census Week | 0.59 | 0.67 | 0.16 | 0.41 | 0.46 |
| Independent Study, Census Day | 2.24 | 2.75 | 1.86 | 2.06 | 2.23 |
| Work Experience, Census Day | 0.09 | 0.00 | 0.00 | 0.00 | 0.02 |

| Mesa College Accounting Methods | Fall 2009 | Fall 2010 | Fall 2011 | Fall 2012 | Fall Avg. |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|
| Census Week | 3.19 | 3.24 | 3.25 | 3.24 | 3.23 |
| Census Day | 3.09 | 3.11 | 3.13 | 3.10 | 3.11 |
| Positive Attendance-Credit, Reg | NA | NA | NA | NA | NA |
| Independent Study, Census Week | 3.65 | 3.66 | 3.66 | 3.81 | 3.70 |
| Work Experience, Census Week | 0.59 | 0.48 | 0.37 | 0.36 | 0.45 |
| Independent Study, Census Day | 3.56 | 3.59 | 3.25 | 3.20 | 3.40 |
| Work Experience, Census Day | 0.74 | 0.79 | 0.00 | 0.00 | 0.38 |

| Miramar College Accounting Methods | Fall 2009 | Fall 2010 | Fall 2011 | Fall 2012 | Fall Avg. |
|---|----------------------|----------------------|----------------------|----------------------|----------------------|
| Census Week | 3.72 | 3.65 | 3.64 | 3.71 | 3.68 |
| Census Day | 2.98 | 2.37 | 2.68 | 2.77 | 2.70 |
| Positive Attendance-Credit, Reg | NA | NA | NA | NA | NA |
| Positive Attendance-Credit, In-service | 1.17 | 0.20 | 0.74 | 1.57 | 0.92 |
| Independent Study, Census Week | 3.72 | 3.91 | 3.99 | 3.98 | 3.90 |
| Work Experience, Census Week | 0.89 | 0.36 | 0.93 | 1.03 | 0.80 |
| Independent Study, Census Day | 3.85 | 3.47 | 3.99 | 3.81 | 3.78 |
| Work Experience, Census Day | 0.94 | 0.47 | 0.47 | 0.27 | 0.54 |

| All Colleges Accounting Methods | Fall 2009 | Fall 2010 | Fall 2011 | Fall 2012 | Fall Avg. |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|
| Census Week | 3.43 | 3.44 | 3.40 | 3.42 | 3.42 |
| Census Day | 2.64 | 2.61 | 2.73 | 2.71 | 2.67 |
| Positive Attendance-Credit, Reg | NA | NA | NA | NA | NA |
| Positive Attendance-Credit, In-service | 1.17 | 0.20 | 0.74 | 1.57 | 0.92 |
| Independent Study, Census Week | 3.60 | 3.61 | 3.64 | 3.82 | 3.67 |
| Work Experience, Census Week | 0.63 | 0.53 | 0.41 | 0.45 | 0.51 |
| Independent Study, Census Day | 3.24 | 3.38 | 2.91 | 2.97 | 3.13 |
| Work Experience, Census Day | 0.67 | 0.73 | 0.47 | 0.27 | 0.54 |

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 were excluded.

Load

Data were used from First Census 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 benchmark for load is 525.

- In Fall 2012, the load values for the City/ECC and Mesa College increased compared to the previous term.

Table 3. Load by Term and College for Fall Terms

| | Fall 2009 | Fall 2010 | Fall 2011 | Fall 2012 |
|---------------------|------------|------------|------------|------------|
| City/ECC | 585 | 575 | 566 | 576 |
| Mesa | 561 | 569 | 575 | 583 |
| Miramar | 562 | 563 | 582 | 580 |
| All Colleges | 569 | 570 | 573 | 580 |

Source: SDCCD Information System

Load: 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.

Note 1. Sections with zero WSCH, positive attendance, in-service, and cancelled sections are excluded.

Fill Rate

The enrollment and capacity data, for all accounting methods, were used to analyze fill rates. Data were as of First Census and were used for all four terms. 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.

- The overall fill rates for City/ECC and Mesa College in Fall 2012 increased compared to the previous fall term. The fill rate for Miramar College in Fall 2012 was the same as Fall 2011.

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

| | | Fall 2009 | | | Fall 2010 | | | Fall 2011 | | | Fall 2012 | | |
|-----------|---------------------|----------------|----------------|------------|----------------|----------------|------------|----------------|----------------|------------|----------------|----------------|------------|
| | | Enrollment | Capacity | Fill Rate | Enrollment | Capacity | Fill Rate | Enrollment | Capacity | Fill Rate | Enrollment | Capacity | Fill Rate |
| On Campus | City/ECC | 34,795 | 37,896 | 92% | 36,044 | 38,410 | 94% | 35,282 | 37,482 | 93% | 33,225 | 34,112 | 96% |
| | Mesa | 49,724 | 51,994 | 95% | 53,920 | 56,386 | 95% | 53,604 | 54,879 | 97% | 52,528 | 53,899 | 97% |
| | Miramar | 18,013 | 17,688 | 101% | 18,530 | 18,663 | 99% | 19,202 | 18,563 | 101% | 18,846 | 18,146 | 102% |
| | All Colleges | 102,532 | 107,579 | 95% | 108,494 | 113,459 | 95% | 108,088 | 110,924 | 96% | 104,599 | 106,157 | 97% |
| Online | City/ECC | 5,190 | 5,590 | 93% | 6,033 | 6,853 | 88% | 6,325 | 7,114 | 89% | 5,903 | 6,674 | 89% |
| | Mesa | 6,281 | 6,840 | 92% | 7,636 | 8,454 | 90% | 7,344 | 7,871 | 91% | 7,019 | 7,559 | 93% |
| | Miramar | 4,635 | 4,947 | 93% | 5,260 | 5,618 | 94% | 5,477 | 5,730 | 96% | 4,866 | 5,174 | 94% |
| | All Colleges | 16,106 | 17,377 | 93% | 18,929 | 20,925 | 90% | 19,146 | 20,715 | 92% | 17,788 | 19,407 | 92% |
| Total | City/ECC | 39,985 | 43,486 | 92% | 42,077 | 45,263 | 93% | 41,607 | 44,596 | 92% | 39,128 | 40,787 | 94% |
| | Mesa | 56,005 | 58,834 | 95% | 61,556 | 64,840 | 95% | 60,948 | 62,750 | 96% | 59,547 | 61,458 | 97% |
| | Miramar | 22,648 | 22,635 | 99% | 23,790 | 24,281 | 97% | 24,679 | 24,293 | 100% | 23,712 | 23,320 | 100% |
| | All Colleges | 118,638 | 124,956 | 95% | 127,423 | 134,384 | 95% | 127,234 | 131,639 | 96% | 122,387 | 125,565 | 96% |

Source: SDCCD Information System

Note 1. Tutoring and cancelled sections are excluded from the Enrollment and Capacity data. Positive attendance capacity is estimated at 79% of the recorded cap.

Note 2. In addition to the previous exclusions, apprenticeship, in-service, non-state supported, and sections with less than two capacity were excluded for the Fill Rate calculation.

Note 3. PHYE 153 is excluded from the City College/ECC and Miramar College fill rate.