

**Environmental Scan on Communities Served
by San Diego Miramar College
Fall 2014-Spring 2017**

**By:
Research Subcommittee**

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Introduction

This scan is meant to provide a comprehensive look at the external environment impacting Miramar College. In general, it summarizes the demographic, educational, and economic changes at the state and national levels, and at a more specific level provides data on San Diego County and the zip codes served by Miramar College that are shaping the future of the college.

The Miramar College Community Environmental Scan also serves as a companion piece to the Miramar College Fact Book, a comprehensive internal overview produced by District Office of Institutional Research and Planning that describes the college's internal structure across an array of sections (headcount, persistence, student completion, productivity and efficiency, and human resources). Together, these two documents provide important information about the changing forces affecting Miramar College as it moves forward in the 21st century. By monitoring these external and internal changes, Miramar College will be in a better position to inform its planning and decision making processes as a means to best serve its student population.

SECTION I. DEMOGRAPHIC INFORMATION

TOTAL POPULATION THROUGH 2013

San Diego County displayed a 2.8% change in population between 2009 and 2013. This is consistent with the change in population in both California (2.7%) and the United States (3%) within the same time period.

TOTAL POPULATION THROUGH 2013

Table 1. Population in San Diego County, California, and the U.S. from 2009-2013

| Area | 2009 | 2010 | 2011 | 2012 | 2013 | % Change 2009 - 2013 |
|------------------|-------------|-------------|-------------|-------------|-------------|-------------------------|
| San Diego County | 3,064,436 | 3,095,313 | 3,115,810 | 3,128,734 | 3,150,178 | 2.80% |
| California | 36,966,713 | 37,253,956 | 37,427,946 | 37,668,804 | 37,966,471 | 2.70% |
| United States | 307,006,550 | 308,745,538 | 311,582,564 | 313,873,865 | 316,128,839 | 2.97% |

Source: State of California, Department of Finance, E-4 Population Estimates for Cities, Counties, and the State, 2001-2010, with 2000 & 2010 Census Counts. Sacramento, California, November 2012; State of California, Department of Finance, E-4 Population Estimates for Cities, Counties, and the State, 2011-2013, with 2010 Census Benchmark. Sacramento, California, May 2013; U.S. Bureau of the Census.

COMMUNITY LEVEL POPULATION CENSUS 2000 AND 2010

At the community level, the District assigned zip-codes showed that the greatest increase in population between the 2000 and 2010 census was 92131 and 92122 (23% & 24%, respectively). The actual zip code service area within Miramar College showed a similar trend. Overall, there was a 4% population increase for actual Miramar College zip code service area and a 10% population increase for District assigned zip-codes between the 2000 and 2010 census.

Table 2.1. Population for Miramar College District Assigned Zip Codes -Census 2000 and 2010

| Service Area Zipcode (Assigned) | 2000 | 2010 | % Change 2000 - 2010 |
|------------------------------------|---------|---------|-------------------------|
| 92126 | 74,388 | 73,037 | -1.82% |
| 92131 | 28,010 | 34,326 | 22.55% |
| 92122 | 34,891 | 43,382 | 24.34% |
| 92121 | 3,828 | 4,253 | 11.10% |
| Total | 141,117 | 154,998 | 9.84% |

Source: SANDAG, Current Estimates, September 2012.

Note: Zip code 92145 (MCAS Miramar) is a district assigned zip-code that has been omitted from analyses due to unreliable population size

Table 2.2. Population for Miramar College Actual Zip Codes Served-Census 2000 and 2010

| Service Area Zipcode (Actual) | 2000 | 2010 | % Change 2000 - 2010 |
|-------------------------------|---------|---------|----------------------|
| 92126 | 74,388 | 73,037 | -1.82% |
| 92129 | 49,620 | 51,208 | 3.20% |
| 92064 | 48,104 | 47,904 | -0.42% |
| 92131 | 28,010 | 34,326 | 22.55% |
| 92128 | 43,670 | 47,393 | 8.53% |
| Total | 243,792 | 253,868 | 4.13% |

Source: SANDAG, Current Estimates, September 2012.

TOTAL POPULATION: CHANGES TO THE YEAR 2050

San Diego County is expected to grow 28% between 2010 and 2050. This projected change for San Diego County is less than the projected change for both California (35%) and the United States (42%) within the same time period.

Total Population: Changes to the Year 2050

Table 3. Population Projections for San Diego County, California and the U.S. through 2050

| Area | 2010 | 2020 | 2030 | 2040 | 2050 | Projected Change to 2050 |
|------------------|-------------|-------------|-------------|-------------|-------------|--------------------------|
| San Diego County | 3,102,745 | 3,333,995 | 3,530,896 | 3,749,240 | 3,969,663 | 27.94% |
| California | 37,309,382 | 40,643,643 | 44,279,354 | 47,690,186 | 50,365,074 | 34.99% |
| United States | 310,233,000 | 341,387,000 | 373,504,000 | 405,655,000 | 439,010,000 | 41.51% |

Source: U.S. Bureau of the Census, The Next Four Decade The Older Population in the United States: 2010 to 2050; State of California, Department of Finance, P-1 State and County Population Projections, July 1 2010-2060, Sacramento, California, January 2013.

COMMUNITY LEVEL POPULATION: CHANGES TO THE YEAR 2050

At the community level, the District assigned zip-codes are all expected to grow (42% on average) between 2010 and 2050. The greatest projected growth is expected to occur in zip code 92126 (57% increase). The actual Miramar College zip code service area showed a similar trend. Overall, there is a 33% expected growth in population for the actual Miramar College zip code service area between the 2000 and 2010 census.

Table 4.1. Population Changes for Miramar College District Assigned Zip Codes through 2050

| Service Area Zipcode (Assigned) | 2010 | 2020 | 2030 | 2040 | 2050 | Projected Change to 2050 |
|---------------------------------|---------|---------|---------|---------|---------|--------------------------|
| 92126 | 73,037 | 86,502 | 108,718 | 113,128 | 114,737 | 57.09% |
| 92131 | 34,326 | 36,123 | 36,688 | 37,673 | 38,984 | 13.57% |
| 92122 | 43,382 | 51,636 | 52,251 | 57,475 | 60,319 | 39.04% |
| 92121 | 4,253 | 4,938 | 5,012 | 5,676 | 6,314 | 48.46% |
| Total | 154,998 | 179,199 | 202,669 | 213,952 | 220,354 | 42.17% |

Source: Final Series 12-2050 Regional Growth Forecast, SANDAG, October 2011.

Note: Zip code 92145 (MCAS Miramar) is a district assigned zip-code that has been omitted from analyses due to unreliable population size

Table 4.2. Population Changes for Miramar College Actual Zip Codes Served through 2050

| Service Area Zipcode (Actual) | 2010 | 2020 | 2030 | 2040 | 2050 | Projected Change to 2050 |
|-------------------------------|---------|---------|---------|---------|---------|--------------------------|
| 92126 | 73,037 | 86,502 | 108,718 | 113,128 | 114,737 | 57.09% |
| 92129 | 51,208 | 63,633 | 65,116 | 66,805 | 68,567 | 33.90% |
| 92064 | 47,904 | 54,127 | 57,990 | 59,248 | 59,894 | 25.03% |
| 92131 | 34,326 | 36,123 | 36,688 | 37,673 | 38,984 | 13.57% |
| 92128 | 47,393 | 52,408 | 53,435 | 54,503 | 55,085 | 16.23% |
| Total | 253,868 | 292,793 | 321,947 | 331,357 | 337,267 | 32.85% |

Source: Final Series 12-2050 Regional Growth Forecast, SANDAG, October 2011.

ETHNIC COMPOSITION OF THE TOTAL POPULATION CENSUS 2010

In 2010, both White (40%) and Asian/Pacific Islander (24%) ethnic groups comprised the largest proportions of the Miramar College student population. Both San Diego County and California displayed similar trends for Whites (48% & 40%, respectively). However, the Latino proportion of the population was second largest in the county and state (32% & 38%, respectively) relative to the Latino proportion of the Miramar College student population (18%).

ETHNIC COMPOSITION OF THE TOTAL POPULATION CENSUS 2010

Table 5.1 Proportions of the Population by Ethnicity in San Diego County and California: Census 2010

| Area | African American | Asian/Pacific Islander | Latino | American Indian/Alaskan Native | White | Other | Unreported | Total |
|------------------|------------------|------------------------|------------|--------------------------------|------------|-------|------------|------------|
| Miramar College | 734 | 2,994 | 2,292 | 93 | 4,988 | 587 | 802 | 12,490 |
| San Diego County | 148,728 | 347,334 | 999,392 | 14,121 | 1,501,675 | N/A | 91,494 | 3,102,745 |
| California | 2,188,296 | 4,958,854 | 14,057,596 | 163,040 | 15,024,945 | N/A | 916,651 | 37,309,382 |

Source: San Diego Community College District Office of Institutional Research and Planning Fact Book 2012; State of California, Department of Finance, P-1 State and County Population Projections by Race/Ethnicity, July 1 2010-2060, Sacramento, California, January 2013.

Note. Miramar College Asian/Pacific Islander category includes Filipino headcount.

Table 5.2 Proportions of the Population in Percentage by Ethnicity in San Diego County and California: Census 2010

| Area | African American | Asian/Pacific Islander | Latino | American Indian/Alaskan Native | White | Other | Unreported | Total |
|------------------|------------------|------------------------|--------|--------------------------------|--------|-------|------------|---------|
| Miramar College | 5.88% | 23.97% | 18.35% | 0.74% | 39.94% | 4.70% | 6.42% | 100.00% |
| San Diego County | 4.79% | 11.19% | 32.21% | 0.46% | 48.40% | N/A | 2.95% | 100.00% |
| California | 5.87% | 13.29% | 37.68% | 0.44% | 40.27% | N/A | 2.46% | 100.00% |

Source: San Diego Community College District Office of Institutional Research and Planning Fact Book 2012; State of California, Department of Finance, P-1 State and County Population Projections by Race/Ethnicity, July 1 2010-2060, Sacramento, California, January 2013.

Across both District assigned and actual zip codes served, Asian/Pacific Islander and White populations account for the greatest proportion of ethnic groups within the Miramar College service area. In particular, the majority come from zip code 92126.

Table 6.1.1 Miramar College Community Population by Ethnicity for District Assigned Zip Codes: Census 2010

| Service Area Zipcode (Assigned) | African American | Asian/Pacific Islander | Latino | American Indian/Alaskan Native | White | Other | Total |
|---------------------------------|------------------|------------------------|--------|--------------------------------|--------|-------|---------|
| 92126 | 3,153 | 32,110 | 10,157 | 197 | 23,761 | 3,659 | 73,037 |
| 92131 | 766 | 7,693 | 2,925 | 76 | 21,398 | 1,468 | 34,326 |
| 92122 | 635 | 13,393 | 4,083 | 56 | 23,612 | 1,603 | 43,382 |
| 92121 | 60 | 1,430 | 411 | 4 | 2,172 | 176 | 4,253 |
| Total | 4,614 | 54,626 | 17,576 | 333 | 70,945 | 6,906 | 155,000 |

Source: SANDAG, Current Estimates, September 2012.

Note: Zip code 92145 (MCAS Miramar) is a district assigned zip-code that has been omitted from analyses due to unreliable population size

Table 6.1.2 Miramar College Community Population in Percentage by Ethnicity for District Assigned Zip Codes: Census 2010

| Service Area Zipcode (Assigned) | African American | Asian/Pacific Islander | Latino | American Indian/Alaskan Native | White | Other | Total |
|---------------------------------|------------------|------------------------|--------|--------------------------------|--------|-------|---------|
| 92126 | 4.32% | 43.96% | 13.91% | 0.27% | 32.53% | 5.01% | 100.00% |
| 92131 | 2.23% | 22.41% | 8.52% | 0.22% | 62.34% | 4.28% | 100.00% |
| 92122 | 1.46% | 30.87% | 9.41% | 0.13% | 54.43% | 3.70% | 100.00% |
| 92121 | 1.41% | 33.62% | 9.66% | 0.09% | 51.07% | 4.14% | 100.00% |
| Total | 2.98% | 35.24% | 11.34% | 0.21% | 45.77% | 4.46% | 100.00% |

Source: SANDAG, Current Estimates, September 2012.

Note: Zip code 92145 (MCAS Miramar) is a district assigned zip-code that has been omitted from analyses due to unreliable population size

Table 6.2.1 Miramar College Community Population by Ethnicity for Actual Area Zip Codes Served: Census 2010

| Service Area Zipcode (Actual) | African American | Asian/Pacific Islander | Latino | American Indian/Alaskan Native | White | Other | Total |
|-------------------------------|------------------|------------------------|--------|--------------------------------|---------|--------|---------|
| 92126 | 3,153 | 32,110 | 10,157 | 197 | 23,761 | 3,659 | 73,037 |
| 92129 | 1,269 | 15,586 | 5,077 | 92 | 26,566 | 2,618 | 51,208 |
| 92064 | 725 | 4,867 | 7,513 | 149 | 33,101 | 1,549 | 47,904 |
| 92131 | 766 | 7,693 | 2,925 | 76 | 21,398 | 1,468 | 34,326 |
| 92128 | 1,047 | 10,172 | 4,007 | 90 | 30,300 | 1,777 | 47,393 |
| Total | 6,960 | 70,428 | 29,679 | 604 | 135,126 | 11,071 | 253,868 |

Source: SANDAG, Current Estimates, September 2012.

Table 6.2.2 Miramar College Community Population in Percentage by Ethnicity for Actual Area Zip Codes Served: Census 2010

| Service Area Zipcode (Actual) | African American | Asian/Pacific Islander | Latino | American Indian/Alaskan Native | White | Other | Total |
|-------------------------------|------------------|------------------------|--------|--------------------------------|--------|-------|---------|
| 92126 | 4.32% | 43.96% | 13.91% | 0.27% | 32.53% | 5.01% | 100.00% |
| 92129 | 2.48% | 30.44% | 9.91% | 0.18% | 51.88% | 5.11% | 100.00% |
| 92064 | 1.51% | 10.16% | 15.68% | 0.31% | 69.10% | 3.23% | 100.00% |
| 92131 | 2.23% | 22.41% | 8.52% | 0.22% | 62.34% | 4.28% | 100.00% |
| 92128 | 2.21% | 21.46% | 8.45% | 0.19% | 63.93% | 3.75% | 100.00% |
| Total | 2.74% | 27.74% | 11.69% | 0.24% | 53.23% | 4.36% | 100.00% |

Source: SANDAG, Current Estimates, September 2012.

CHANGES IN THE ETHNIC COMPOSITION OF THE TOTAL POPULATION THROUGH 2050

The Latino population is projected to increase from 32% in 2010 to 43% in 2050 within San Diego County. In contrast, the White population is projected to decrease from 48% in 2010 to 37% in 2050 within San Diego County. California State shows a similar trend. In particular, the Latino population is expected to increase from 38% in 2010 to 47% in 2050. The White population is expected to decrease from 40% in 2010 to 31% on 2050.

CHANGES IN THE ETHNIC COMPOSITION OF THE TOTAL POPULATION THROUGH 2050

Tables 7.1 Projected Population by Ethnicity in San Diego County and California through 2050

| | | African American | Asian/Pacific Islander | Latino | American Indian/Alaskan Native | White | Unreported | Total |
|------------------|------|------------------|------------------------|------------|--------------------------------|------------|------------|------------|
| San Diego County | 2010 | 148,728 | 347,334 | 999,392 | 14,121 | 1,501,675 | 91,494 | 3,102,745 |
| | 2020 | 146,833 | 389,908 | 1,177,297 | 15,174 | 1,486,731 | 118,053 | 3,333,995 |
| | 2030 | 148,221 | 419,796 | 1,342,175 | 15,518 | 1,462,254 | 142,932 | 3,530,896 |
| | 2040 | 150,909 | 440,923 | 1,521,124 | 15,868 | 1,459,608 | 160,807 | 3,749,240 |
| | 2050 | 149,727 | 453,421 | 1,698,127 | 16,006 | 1,480,776 | 171,608 | 3,969,663 |
| California | 2010 | 2,188,296 | 4,958,854 | 14,057,596 | 163,040 | 15,024,945 | 916,651 | 37,309,382 |
| | 2020 | 2,258,934 | 5,584,041 | 16,573,840 | 175,465 | 14,877,111 | 1,174,252 | 40,643,643 |
| | 2030 | 2,341,428 | 6,196,025 | 19,020,889 | 182,307 | 15,107,321 | 1,431,384 | 44,279,354 |
| | 2040 | 2,386,806 | 6,679,413 | 21,446,262 | 186,492 | 15,328,584 | 1,662,630 | 47,690,186 |
| | 2050 | 2,350,153 | 7,011,109 | 23,512,393 | 186,818 | 15,460,624 | 1,843,977 | 50,365,074 |

Source: State of California, Department of Finance, P-1 State and County Population Projections by Race/Ethnicity, July 1 2010-2060, Sacramento, California, January 2013.

Tables 7.2 Projected Population in Percentage by Ethnicity in San Diego County and California through 2050

| | | African American | Asian/Pacific Islander | Latino | American Indian/Alaskan Native | White | Unreported | Total |
|------------------|------|------------------|------------------------|--------|--------------------------------|--------|------------|---------|
| San Diego County | 2010 | 4.79% | 11.19% | 32.21% | 0.46% | 48.40% | 2.95% | 100.00% |
| | 2020 | 4.40% | 11.69% | 35.31% | 0.46% | 44.59% | 3.54% | 100.00% |
| | 2030 | 4.20% | 11.89% | 38.01% | 0.44% | 41.41% | 4.05% | 100.00% |
| | 2040 | 4.03% | 11.76% | 40.57% | 0.42% | 38.93% | 4.29% | 100.00% |
| | 2050 | 3.77% | 11.42% | 42.78% | 0.40% | 37.30% | 4.32% | 100.00% |
| California | 2010 | 5.87% | 13.29% | 37.68% | 0.44% | 40.27% | 2.46% | 100.00% |
| | 2020 | 5.56% | 13.74% | 40.78% | 0.43% | 36.60% | 2.89% | 100.00% |
| | 2030 | 5.29% | 13.99% | 42.96% | 0.41% | 34.12% | 3.23% | 100.00% |
| | 2040 | 5.00% | 14.01% | 44.97% | 0.39% | 32.14% | 3.49% | 100.00% |
| | 2050 | 4.67% | 13.92% | 46.68% | 0.37% | 30.70% | 3.66% | 100.00% |

Source: State of California, Department of Finance, P-1 State and County Population Projections by Race/Ethnicity, July 1 2010-2060, Sacramento, California, January 2013.

SECTION II. EDUCATIONAL INFORMATION

SCHOOL AGE POPULATION: CHANGES THROUGH 2012-13

Public school enrollments for San Diego County and California remained relatively stable between 2008/09 and 2012/13. The public school enrollment projections for San Diego County and California also look stable between 2013/14 and 2017/18.

Enrollments for Poway Unified School District displayed a 6% increase between 2008/09 and 2012/13. San Diego Unified School District showed a 1.5% decrease during the same time period.

Table 8. Public School Enrollment in San Diego County and California, 2008-2009 to 2012-2013

| | 2008-2009 | 2009-2010 | 2010-2011 | 2011-2012 | 2012-2013 | % Change 2008 - 2013 |
|------------------|-----------|-----------|-----------|-----------|-----------|-------------------------|
| San Diego County | 496,702 | 496,918 | 497,916 | 498,003 | 499,850 | 0.63% |
| California | 6,252,031 | 6,192,121 | 6,217,002 | 6,220,993 | 6,226,989 | -0.40% |

Source: State of California, Department of Education, Data Quest (<http://dq.cde.gov/dataquest/>).

Table 9. Public School Enrollment Projections for San Diego County and California to 2017-2018

| | 2013-2014 | 2014-2015 | 2015-2016 | 2016-2017 | 2017-2018 | % Change 2013-2018 |
|------------------|-----------|-----------|-----------|-----------|-----------|-----------------------|
| San Diego County | 501,924 | 501,927 | 503,525 | 503,821 | 504,575 | 0.53% |
| California | 6,240,603 | 6,234,415 | 6,228,343 | 6,221,940 | 6,225,098 | -0.25% |

Source: State of California, Department of Finance, California Public K-12 Graded enrollment and High School Graduate Projections by County, 2012 Series, Sacramento, California, November 2012.

Table 10. Public School Enrollment in Miramar College Feeder High School Districts, 2008-2009 to 2012-2013

| | 2008-2009 | 2009-2010 | 2010-2011 | 2011-2012 | 2012-2013 | % Change 2008 - 2013 |
|-------------------|-----------|-----------|-----------|-----------|-----------|-------------------------|
| Poway | 33,305 | 33,797 | 34,135 | 34,569 | 35,196 | 5.68% |
| San Diego Unified | 132,256 | 131,417 | 131,784 | 131,016 | 130,270 | -1.50% |

Source: State of California, Department of Education, Data Quest (<http://dq.cde.gov/dataquest/>).

ACADEMIC AND DEMOGRAPHIC INDICATORS

Table 11.1. Miramar College District Assigned Feeder High Schools by Ethnicity

| School | African American | Asian/Pacific Islander | Latino | American Indian/Alaskan Native | White | Other | Two or More Races | Total |
|----------------------|------------------|------------------------|--------|--------------------------------|-------|-------|-------------------|-------|
| Mira Mesa High | 163 | 1,246 | 537 | 6 | 410 | 1 | 211 | 2,574 |
| Scripps Ranch High | 124 | 626 | 386 | 6 | 991 | 0 | 139 | 2,272 |
| University City High | 112 | 320 | 622 | 3 | 675 | 2 | 99 | 1,833 |
| Serra High | 193 | 253 | 831 | 7 | 535 | 2 | 106 | 1,927 |

Source: State of California, Department of Education, Data Quest (<http://dq.cde.gov/dataquest/>).

Table 11.2. Miramar College District Assigned Feeder High Schools in Percentage by Ethnicity

| School | African American | Asian/Pacific Islander | Latino | American Indian/Alaskan Native | White | Other | Two or More Races | Total |
|----------------------|------------------|------------------------|--------|--------------------------------|--------|-------|-------------------|---------|
| Mira Mesa High | 6.33% | 48.41% | 20.86% | 0.23% | 15.93% | 0.04% | 8.20% | 100.00% |
| Scripps Ranch High | 5.46% | 27.55% | 16.99% | 0.26% | 43.92% | 0.00% | 6.12% | 100.00% |
| University City High | 6.11% | 17.16% | 33.93% | 0.16% | 36.82% | 0.11% | 5.40% | 100.00% |
| Serra High | 10.02% | 13.13% | 43.12% | 0.36% | 27.76% | 0.10% | 5.50% | 100.00% |

Source: State of California, Department of Education, Data Quest (<http://dq.cde.gov/dataquest/>).

Mira Mesa high school had the greatest amount of graduates in 2011/12 academic year (593) relative to other district assigned feeder high schools. Scripps Ranch high school (70%) displayed the highest UC/CSU eligibility rate relative to the other district assigned feeder high schools.

Table 12. Miramar College District Assigned Feeder High Schools: Academic Indicators

| School | 2012 API Base | 2013 API Growth | Graduates (2012-13) | UC/CSU Eligible (2012-13) | To UC/CSU Eligible (%) | Dropouts (2012-13) | 1 Yr Drop Rate (2012-13) |
|----------------------|---------------|-----------------|---------------------|---------------------------|------------------------|--------------------|--------------------------|
| Mira Mesa High | 860 | 846 | 593 | 318 | 54% | 6 | 0.2 |
| Scripps Ranch High | 900 | 914 | 531 | 373 | 70% | 1 | 0.0 |
| University City High | N/A | N/A | 416 | 246 | 59% | 5 | 0.3 |
| Serra High | 772 | 781 | 365 | 164 | 45% | 3 | 0.1 |

Source: State of California, Department of Education, Data Quest (<http://dq.cde.gov/dataquest/>).

TRANSFER INFLUENCE

Being located within San Diego State University's service area often leads to out-of-area students either starting off their education at Miramar College or transferring from other colleges to finish their education at Miramar College. Specifically, the development of Associate Degrees for Transfer (ADT's) could impact how students are selecting their educational pathway. In addition, development of agreements such as Transfer Admission Guarantees (TAG), Memorandum of understanding (MOU), could also impact enrollment at Miramar College. There is also a need to watch for legislation that could impact "transfer" as well.

SECTION III. ECONOMIC TRENDS

THE EMPLOYMENT BASE

Civilian labor force increased 3.4% between 2009 and 2013. In particular, the employed labor force increased nearly 6%, while the unemployed labor force decreased 20% between the same time period. The unemployment rate displayed a decreasing trend from 2009 to 2013.

Table 13. Civilian Labor Force, Employment, and Unemployment for San Diego County

| Measures | 2009 | 2010 | 2011 | 2012 | 2013 | % Change 2009-2013 |
|-------------------------|-----------|-----------|-----------|-----------|-----------|-----------------------|
| Civilian Labor Force | 1,554,900 | 1,574,100 | 1,582,200 | 1,599,200 | 1,608,300 | 3.43% |
| Employed | 1,405,600 | 1,408,200 | 1,423,500 | 1,456,300 | 1,488,700 | 5.91% |
| Unemployed | 149,300 | 165,900 | 158,700 | 142,800 | 119,500 | -19.96% |
| Unemployment Percent | 9.60% | 10.53% | 10.03% | 8.93% | 7.40% | N/A |

Source: California Employment Development Department

The industry that showed the greatest increase in employment between 2012 and 2013 was construction (4%). The industry that displayed the greatest decrease in employment between 2012 and 2013 was information (about 1%). Overall, there was a 1% increase in industrial employment within the same time period.

Table 14. Employment by Industry in San Diego County: 2012 and 2013

| Industry | August 2012 | August 2013 | Difference | % Change |
|-----------------------------------|-------------|-------------|------------|----------|
| Mining and Logging | 400 | 400 | 0 | 0.00% |
| Construction | 57,600 | 60,100 | 2,500 | 4.34% |
| Manufacturing | 94,300 | 91,600 | -2,700 | -2.86% |
| Trade, Transportation & Utilities | 206,800 | 209,700 | 2,900 | 1.40% |
| Information | 24,700 | 24,500 | -200 | -0.81% |
| Financial Activities | 70,700 | 71,200 | 500 | 0.71% |
| Professional & Business Services | 217,800 | 221,300 | 3,500 | 1.61% |
| Educational & Health Services | 152,900 | 157,500 | 4,600 | 3.01% |
| Leisure & Hospitality | 169,500 | 170,900 | 1,400 | 0.83% |
| Other Services | 49,800 | 49,900 | 100 | 0.20% |
| Government | 218,500 | 217,800 | -700 | -0.32% |
| Total | 1,263,000 | 1,274,900 | 11,900 | 0.94% |

Source: California Employment Development Department

Registered nursing is the top San Diego County occupation which requires an associate degree or post-secondary vocational training and is projected to grow approximately 18%, from 20,940 in 2010 to 24,850 in 2020. The occupation with the greatest projected growth between 2010 and 2020 is manicurists and pedicurists (33%). The occupation with the least projected growth between 2010 and 2020 is first-line supervisors of production and operating workers (3.6%).

Table 15. Projected Growth in Top 10 San Diego County Occupations Requiring an Associate Degree or Post-Secondary Vocational Training

| Occupation | 2010 | 2020 | Difference | % Change |
|--|--------|--------|------------|----------|
| Registered Nurses | 20,940 | 24,850 | 3,910 | 18.67% |
| General and Operations Managers | 20,580 | 22,620 | 2,040 | 9.91% |
| Nursing Aides, Orderlies, and Attendants | 8,710 | 10,630 | 1,920 | 22.04% |
| Construction Managers | 6,170 | 7,270 | 1,100 | 17.83% |
| Licensed Practical and Licensed Vocational Nurses | 5,350 | 6,490 | 1,140 | 21.31% |
| Hairdressers, Hairstylists, and Cosmetologists | 4,550 | 6,000 | 1,450 | 31.87% |
| First-Line Supervisors of Production and Operating Workers | 4,210 | 4,360 | 150 | 3.56% |
| Preschool Teachers, Except Special Education | 4,130 | 4,600 | 470 | 11.38% |
| Dental Assistants | 3,660 | 4,170 | 510 | 13.93% |
| Manicurists and Pedicurists | 3,330 | 4,440 | 1,110 | 33.33% |

Source: California Employment Development Department

Note. Top 10 occupations are based on 2010 data. Additional CA labor market information is available at <http://www.coeccc.net>

Teaching is the top San Diego County occupation which requires a four-year degree and is projected to grow approximately 12%, from 16,620 in 2010 to 18,600 in 2020. The occupation with the greatest projected growth between 2010 and 2020 is market research analysts and market specialists (50%). The occupation with the least projected growth between 2010 and 2020 is secondary school teacher (6.6%).

Table 16. Projected Growth in Top 10 San Diego County Occupations Requiring a Four-Year Degree

| Occupation | 2010 | 2016 | Difference | % Change |
|--|--------|--------|------------|----------|
| Teachers and Instructors, All Other | 16,620 | 18,600 | 1,980 | 11.91% |
| Accountants and Auditors | 11,120 | 13,360 | 2,240 | 20.14% |
| Management Analysts | 9,160 | 11,520 | 2,360 | 25.76% |
| Software Developers, Applications | 8,630 | 11,240 | 2,610 | 30.24% |
| Secondary School Teachers, Except Special and Career/Technical Education | 8,470 | 9,030 | 560 | 6.61% |
| Elementary School Teachers, Except Special Education | 7,400 | 7,890 | 490 | 6.62% |
| Software Developers, Systems Software | 5,950 | 8,230 | 2,280 | 38.32% |
| Financial Managers | 5,450 | 6,400 | 950 | 17.43% |
| Market Research Analysts and Marketing Specialists | 4,840 | 7,250 | 2,410 | 49.79% |
| Recreation Workers | 4,760 | 5,610 | 850 | 17.86% |

Source: California Employment Development Department

Note. Top 10 occupations are based on 2010 data. Additional CA labor market information is available at <http://www.coeccc.net>

SECTION IV. POLITICAL AND SOCIAL TRENDS IMPACTING MIRAMAR COLLEGE

Importance of Monitoring Political and Social Trends

National, state and local level initiatives and priorities in the political, fiscal, and social arenas greatly influence direction setting for Miramar College. There are several key issues which are likely to impact local policy. These include issues related to: accountability, accreditation, budget, enrollment management, general enrollment growth as it relates to facilities planning, and future trends such as granting 4-year degrees in community colleges and Massive Open Online Courses (MOOCs).

Accountability

To date accountability remains a top priority for California, particularly at the system office and legislature. The Student Success Task force (SSTF) recommended the implementation of a new accountability framework, which would be built on the existing reporting system, the Accountability Reporting for Community Colleges (ARCC). As a result, the Student Success Scorecard was implemented in 2012/13 which serves as a performance measurement system intended for colleges, districts, and the public to track student progress and success, and to help inform quality improvement efforts (California Community College Chancellor's Office, 2013).

The Student Success Scorecard is a four-tiered accountability framework, where each level targets a different audience or user. The first level provides a high level overview for legislators and policy makers which summarize a number of system level aggregations of data and annual performance. The second level (scorecard itself) measures progress and completion at each college for various demographic groups of students which include those with different levels of college preparation. Level two is the core of the framework which takes into account many of the SSTF recommendations. The third level is the ability to drill down into the scorecard metrics through the existing State Chancellor's Office Datamart online query tool. The fourth level is the most detailed and allows researchers to download datasets (via Data-on-Demand) pertaining to each metric for their particular college (California Community College Chancellor's Office, 2013).

Accreditation

Currently, Accrediting Commission for the Community and Junior Colleges (ACCJC) is undergoing draft revisions to their Standards in efforts to move colleges toward increased emphasis on student learning and achievement, streamline the structure of the standards, emphasize institutional transparency in data driven decision-making, among other guiding questions (Accrediting Commission for the Community and Junior Colleges, WASC, 2013).

Proposed changes to the Standards include the following:

- A) Operational changes to Standard 1
 - 1) Now features three sections (Mission, Assuring Academic Quality and Institutional Effectiveness, and Institutional Integrity).
 - 2) Section on Mission has expanded which includes the foundation role mission plays in defining a college.

- 3) Academic Quality has been singled out as a subsection.
 - 4) Institutional Integrity is now a separate section.
- B) Operational changes to Standard 2
- 1) Has two major subsections (Instructional Programs, and Student Support and Library and Learning Resources):
 - a. Instructional Programs section delineates responsibilities and expectations for assuring academic quality and sets expectations for degree requirements.
 - b. Student Support and Library and Learning Resources defines expectation affecting co-curricular programs and athletics, and defines expectations for academic advising and student pathways to completion.
- C) Operational changes to Standard 3
- 1) Maintains four sections (Human Resources, Physical Resources, Technology Resources, and Financial Resources).
 - 2) Human Resource section define expectations for qualifications for all personnel who have responsibility for academic quality.
- D) Operational changes to Standard 4
- 1) Standard now has four sections (Decision-Making Roles and Processes, Chief Executive Officer, Governing Board, Multi-College District and Systems).
 - 2) Defines specific expectations for delineation and distinction of roles and responsibilities in governance.
 - 3) Section on Multi-College Districts or Systems defines specific expectation for the functional relationship between a district or system and a college.

Budget

For the past five years California has faced a budget crisis that has negatively impacted higher education. In particular, the San Diego Community College District (SDCCD) has lost a total of 33 million which has resulted in cuts to both instruction and student services. As a response to this problem, California voters passed Proposition 30 in November 2012. With the implementation of this proposition, SDCCD has received funds to help offset its 33 million dollar loss. With the new revenue, SDCCD was able to add a significant amount of class sections. The new sections will serve 15,000 additional students in the 2013-14 academic year. Furthermore, new full-time faculty members will be added throughout the year to meet student need as well as plans to partially reinstate summer sessions beginning in 2014 (SDCCD Press Release, 2013). Projections for the next several years indicate that as the state budget begins to stabilize as a result of Proposition 30, SDCCD will be able to rebuild in the future as more funds become available over time.

Enrollment Management

Student Success Act (SB 1456)

The Student Success Act of 2012 was established to implement the recommendations of the Student Success Task force (SSTF) along 8 focus areas: 1) Increase college and career readiness, 2) Strengthen support for entering students, 3) Incentivize successful student behaviors, 4) Align course offerings to meet student needs, 5) Improve education of basic skills students, 6) Revitalize and re-envision professional development, 7) Enable efficient statewide leadership and increase coordination among colleges, and 8) Align resources with student success recommendations (Academic Senate Presentation, 2013).

To date, the Student Success and Support Program (SSSP) has been implemented across the state. SSSP is meant to re-purpose and re-focus matriculation on core services such as orientation, assessment, and counseling/advising to assist students in developing education plans. In particular, of the \$ 2,978,736 SSSP funds coming to the SDCCD, Miramar College will receive \$ 723,290 in 2013-14 to implement these services in efforts to improve student success (SDCCD Press Release, 2013).

Associate Degree for Transfer (SB 1440)

In 2011, a joint initiative by the California Community Colleges (CCC) and California State University (CSU) was implemented with the goal of simplifying and streamlining the transfer process between the two systems. This new initiative allows for community college students who complete an associate degree designated for transfer to receive guaranteed admission to the CSU system with junior status and are given priority consideration when applying to their local CSU campus.

Both systems have worked collaboratively to approve a framework for associate degrees for transfer open to community college students willing to participate in the program. In particular, Miramar College has approved the following associate degrees for transfer: Administration of Justice, Anthropology, Communication Studies, History, Kinesiology, Mathematics, Physics, and Sociology (California Community College Chancellor's Office, 2013) Furthermore, the following programs are currently going through the approval process: Art History, Business Administration, English, Philosophy, Political Science, Spanish, and Studio Arts.

Enrollment Growth and Facilities Planning

Projections indicate that Miramar College will face a growing student population over the next decade. To help accommodate this growth, voter-approved bond measures (Propositions S and N) are providing new construction and renovation projects throughout the district. In particular, Miramar College has 24 construction projects that are either currently completed, in construction, or in design. This includes eight new instructional and career training facilities, five major renovations, parking facilities, public safety enhancements, numerous infrastructure projects and new campus support and operational facilities. Most recently Miramar College

completed the Heavy Duty Advanced Transportation Technology (Diesel) project and the Student Services Center which houses student support services such as admissions, counseling, transfer center, EOPS, and financial aid. Future projects include the new Fire Science and EMT Training Facility, Science Building Renovation/Addition, and new Facilities for CE in the renovated A-100 Building.

Future Trends

Granting 4-year degrees in community colleges (SB 850)

Currently there is a push in California for the California Community College system to offer baccalaureate degrees in specialized fields of studies due to the impacted enrollments at local universities. This concept has been endorsed by the chief executive officers of the San Diego and Imperial Counties Community Colleges Associates (SDICCCA). Furthermore, there are plans to author state legislation which would require the amendment of California's Master Plan of Higher Education (SDCCD Press Release, 2013).

Twenty-two other states already offer baccalaureate degrees as their community colleges which serve as a basis for the proposal in California. In fact, the California Community Colleges State Chancellor's Office has convened a study group of representatives from higher education to study the matter and is expected to issue a final report in early 2014.

CTE areas will most likely be potentially impacted (e.g., automotive, nursing, and Administrative of Justice).

Massive Open Online Courses (MOOCs)

In recent years there has been a trend in delivering education by using a new platform called Massive Open Online Courses (MOOCs). Given this new platform there was a need within our district to examine this phenomenon. Therefore, the Chancellor, in consultation with District Governance Council, convened a task force to examine the merits and applicability of MOOCs within our district (SDCCD MOOC's Taskforce Report Update, 2014). In all, the task force affirms the faculty-driven local curriculum development and approval process is well established at each respective SDCCD institution and at the district.

Importance of These Political and Social Trends

These social and political trends are likely to have an important influence on setting the policy agenda for Miramar College for the upcoming year and beyond. All have important implications for budget planning, program planning, research, evaluation and communication across the college and with the large community of which it is an integral part.