## San Diego Miramar College

# Environmental Scan

## Fall 2019 - Spring 2023

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## Introduction

Environmental scanning refers to "the acquisition and use of information about events, trends, and relationships in an organization's external environment, the knowledge of which would assist management in planning the organization's future course of action" (Choo & Auster, 1993). A successful method of environmental scanning enables decision makers to acquire both knowledge and understanding of the external environment, and then translate the knowledge and understanding into the planning and decision making processes.

**Methodology.** The present Miramar College Environmental Scan draws upon available historical, current, and forward-looking data and projections to comprehensively describe the external forces of change. The data and information are summarized and grouped by the Loss/Momentum Framework (LMF) (Completion by Design initiative), which is the basis of the College's Student Success Framework for Long-term Integrated Planning. The grouping translates the seemingly isolated issues and facts into recognizable trends for easy adoption. The analysis are further broken down using a SWOT (Strengths, Weakness, Opportunities, Threats) analysis to identify threats and opportunities that could impact the College. At last, the results of the SWOT analysis are grouped by LMF phases to connect back to the College's Integrated Planning Framework.

**Purpose.** The development of this environmental scan report is a critical component of the College's strategic planning efforts in that the results contribute to the strategic direction for the College. The environmental scan can be used to develop effective responses, articulate priorities and objectives, and inform the various forms of long-term or short-term planning, which includes educational master planning as well as divisional and operational planning. The environmental scan can also help respond to inquiries such as compliance (e.g., accreditation), research requests, as well as innovations (e.g., new initiatives and grants). This environmental scan is organized and structured for easy navigation as well. The first two tables provide a compendium of environmental scanning results, followed by four appendixes reporting detailed data at various levels by service area, county, statewide, and nationwide.

**Content.** The deliverables of this environmental scan provide data and information in four main aspects of the external environment: 1) Demographic, 2) Educational, 3) Economic Trends, and 4) Political and Social Trends. The results of the environmental scan are organized by the LMF in two tables: 1) Findings by Loss/Momentum Phases and 2) Findings by Loss/Momentum Points – SWOT Analysis. Four appendices follow the tables which show detailed data and information.

**Limitation.** The type, level, and intensity of the data collected for this environmental scanning is limited to data availability. The Miramar College Office of Planning, Research & Institutional Effectiveness (PRIE), in collaboration with the Research Subcommittee, tried its best to gain access to as many data sources as possible with limited resources. Both PRIE and RSC also value timeliness as an important data quality dimension and tried hard to obtain the latest information. However, the currency of the data compiled for this environmental scan is subject to changes that may occur in the source documents at any time. As a temporary solution, hyperlinks are embedded in the appendix tables for users of this environmental scan to access the source documents and their latest updates.

Choo, Chun Wei, and Auster, Ethel (1993). "Environmental scanning: acquisition and use of information by managers", in: *Annual Review of Information Science and Technology*, edited by M. E. Williams. Medford, NJ: Learned Information, Inc. For the American Society for Information Science.

# Findings by Loss/Momentum Phases

| | Connection [c] (Principles 7-8) [a] | Entry [c] (Principles 1-3, 5, & 7-8) [a] | Progress [c] (Principles 3-8) [a] | Completion [c] (Principles 3-8) [a] |
|---|---|---|---|---|
| **Demographic Indicators** (Refer to Appendix I) | Large population growth is expected within/outside the College's service area, county, state, and nation. The Latino segment is increasing and expected to witness the most growth of all. | | | |
| | Compared to county and state demographics, Asian/Pacific Islander students are overrepresented within/outside the College's service area, Latino students are underrepresented within/outside the College's service area, and White students are overrepresented outside the College's service area. | | | |
| **Educational Indicators** (Refer to Appendix II) | Public school K-12 enrollment in San Diego County and California has been stable and is expected to decline slightly. | | | Among Miramar College students admitted to UCSD, nearly half are Asian and about one- third are White. |
| | San Diego Unified School District has the highest average overall enrollment and Grade 12 enrollment within the county (and ranks 2nd and 3rd on these indicators state-wide). Among the top largest school districts in San Diego County, there is significant variation in enrollment patterns with districts increasing or decreasing by as much as 5% in a 5-year period. There is even greater variation in 12th grade enrollment over time. | | | The top three majors of Miramar College students who transfer to UCSD are *Biological and Biomedical Sciences*, *Multi/Interdisciplinary Studies*, and *Social Sciences*. |
| | Private school enrollment in grades 9-12 has been increasing in San Diego County. | | | Community college transfers to UCSD experience high retention rates in the first year, with more than one-third of students graduating in two years. More than four-fifths graduate in four years. Women community college transfers have comparable 1-year retention rates but higher graduation rates compared to men, especially within the first few years following transfer. |
| | An increasing number of graduates from five private schools that have been identified as important feeder schools are enrolling at Miramar College. | | | UCSD first-time freshmen have 1- year retention rates comparable to community college transfers. Women first-time freshmen have higher graduation rates compared to their men counterparts, especially at the 4-year mark. |
| **Economic Indicators** (Refer to Appendix III) | Civilian labor force has increased with an upward employment rate county-wide. | | | |
| | Since 2014, employment in *Construction* and *Transportation and Warehousing* has increased the most; employment in *Mining, Quarrying, and Oil and Gas Extraction* and *Utilities* has decreased substantially. | | | |
| | Within San Diego County:<br>a) *Bookkeeping, Accounting, and Auditing Clerks* and *Teacher Assistants* are projected to have the most job openings among all occupations with an entry-level requirement of an associate degree or post- secondary vocational training.<br>b) *General and Operations Manager* and *Registered Nurses* are expected to have the most job openings among all occupations with an entry-level requirement of a four-year degree.<br>c) *Office and Administrative Support* and *Sales and Related* are the top two most in-demand occupations that are severely undersupplied.<br>d) Median household income is $70,588 and mean household income is $96,153. | | | |
| **Political and Social Trends** (Refer to Appendix IV) | Veteran population in the county and state is projected to decline. Increases are expected for female veterans and veterans in the 17-44 age group county-wide. | | | Associate Degree for Transfer (ADT) |
| | California Guided Pathways | | | |
| | Vision for Success | | | |
| | Student Centered Funding Formula (SCFF) | | | |
| | Free Application for Federal Student Aid (FAFSA) Application Timeline | | Career Technical Education (CTE) | |
| | Student Equity and Achievement Program (SEAP) | | | |
| | San Diego Promise | AB 705 | | Strong Workforce Program (SWP) |
| | Social Media/Communication Trends (e.g., Twitter) | | | |
| | | | | 4-Year Baccalaureate Program at California Community Colleges |

[a] Principles of Redesign (Source: Completion by Design Initiative)

* Loss/Momentum Framework (Source: Completion by Design Initiative)

# Findings by Loss/Momentum Points - SWOT Analysis

| Strength/Opportunities Leading to Momentum Points | Factors | Threats/Weaknesses Leading to Loss Points |
|---|---|---|
| Large population growth, with an increase in the number of Latino students in the county/state. Currently, Miramar College does a good job of attracting Latino students, whom are overrepresented at Miramar College compared to their percentage of the population within/outside of the service area. | **Demographic Indicators** (Refer to Appendix I) | Since Pacific Islanders are tracked in the same group as Asians, Pacific Islanders may or may not be as well-represented at the College as Asians. |
| San Diego Unified School District has the highest average overall enrollment and Grade 12 enrollment in San Diego county (and is second and third in the state). | **Educational Indicators** (Refer to Appendix II) | A slight decline in attendance of public school K-12 enrollment is expected for San Diego County and California. |
| If past trends continue, increase in average enrollment and Grade 12 enrollment for San Marcos Unified School District and Poway Unified. | | Overall, the number of 9th-12th graders enrolled in private school is increasing in San Diego County. There is considerable variation in enrollment among private colleges that serve 9th through 12th graders, with some facing enrollment increases and others, declining enrollment. |
| An increasing number of private school graduates are attending Miramar College, based on an analysis of five private high schools identified as important feeders. | | |
| The majority of Miramar College students admitted to UCSD are Asian, followed by white students. | | The majority of Miramar College students admitted to UCSD are Asian, followed by white students. |
| The most frequent majors among enrollees from Miramar College to UCSD are: *Biological and Biomedical Sciences*, *Multi/Interdisciplinary Studies*, and *Social Sciences*. | | Community college transfers have 1-year retention rates comparable to UCSD first-time freshmen. First-time female freshmen have higher graduation rates compared to their male counterpart. |
| Community college transfers to UCSD experience high 1st year retention, comparable to first-time freshmen. | | Community college transfers to UCSD experience a low 2-year graduation rate, but a higher 4-year graduation rate than first-time freshmen. |
| Increasing employment in *Construction* and *Transportation and Warehousing.* | **Economic Indicators** (Refer to Appendix III) | Decreasing employment for *Mining, Quarrying, and Oil and Gas Extraction* and *Utilities.* |
| *Bookkeeping, Accounting, and Auditing Clerks* and *Teacher Assistants* are predicted to have the most annual job openings in the county among occupations requiring postsecondary training or an associate's degree for entry. | | Increasing civilian labor force and employment rate county-wide. |
| *General and Operations Manager* and *Registered Nurses* are predicted to have the most annual job openings in the county among occupations requiring a bachelor's degree for entry. | | Median household income is $70,588 and mean household income is $96,153. |
| Top two most in-demand jobs which are severely undersupplied in San Diego County: *Office and Administrative Support* and *Sales and Related.* | | |
| Expected population growth for female and young (17-44 years old) veterans | **Political and Social Trends** (Refer to Appendix IV) | Decrease of overall veteran population in the county and state |
| California Guided Pathways | | California Guided Pathways |
| San Diego Promise | | San Diego Promise |
| 4-Year Baccalaureate Program at California Community Colleges | | 4-Year Baccalaureate Program at California Community Colleges |
| Social Media/Communication Trends | | Social Media/Communication Trends |
| Student Centered Funding Formula | | Student Centered Funding Formula |
| Vision for Success | | Vision for Success |
| AB 705 | | AB 705 |
| FAFSA | | |
| Student Equity and Achievement Program | | |
| ADT | | |
| CTE and SWP | | |

# Appendix I. Demographic Information

**Table 1. Population Estimates in San Diego County, California, and the United States**

| Area | 2010 Census | 2014 Estimate | 2015 Estimate | 2016 Estimate | 2017 Estimate | 2018 Estimate | 2019 Estimate | % Change 2010-2019 |
|---|---|---|---|---|---|---|---|---|
| San Diego County | 3,095,313 | 3,235,142 | 3,267,992 | 3,287,279 | 3,309,626 | 3,333,128 | 3,351,786 | 8.29% |
| California | 37,253,956 | 38,622,301 | 38,952,462 | 39,214,803 | 39,504,609 | 39,740,508 | 39,927,315 | 7.18% |
| United States | 308,745,538 | 318,386,421 | 320,742,673 | 323,071,342 | 325,147,121 | 327,167,434 | (not released) | 5.97% (2018 comp) |

Source: Estimates: State of California, Department of Finance, E-4 Population Estimates for Cities, Counties, and the States; Census data: United States Census Bureau, American Fact Finder (last download date: 6/24/2019)

**Table 2. Population Estimates by Zip Codes - Within/Outside of Service Area**

| Within Service Area | | | | |
|---|---|---|---|---|
| Zip Code | 2010 Census | 2016 Estimate | 2018 Estimate | % Change 2010-2018 |
| 92121 | 4,179 | 4,927 | 4,796 | 14.76% |
| 92122 | 43,728 | 47,321 | 48,504 | 10.92% |
| 92126 | 73,343 | 76,512 | 76,665 | 4.53% |
| 92131 | 32,787 | 36,204 | 35,951 | 9.65% |
| **Subtotal** | 154,037 | 164,964 | 165,916 | 7.71% |

| Outside of Service Area | | | | |
|---|---|---|---|---|
| Zip Code | 2010 Census | 2016 Estimate | 2018 Estimate | % Change 2010-2018 |
| 92064 | 47,904 | 50,214 | 50,315 | 5.03% |
| 92065 | 35,414 | 37,184 | 35,628 | 0.60% |
| 92127 | 39,337 | 48,141 | 49,605 | 26.10% |
| 92128 | 47,490 | 50,168 | 50,678 | 6.71% |
| 92129 | 51,536 | 53,481 | 52,563 | 1.99% |
| 92130 | 48,940 | 55,224 | 59,436 | 21.45% |
| **Subtotal** | 270,621 | 294,412 | 298,225 | 10.20% |
| **Grand** | **424,658** | **459,376** | **464,141** | **9.30%** |

Sources: San Diego Association of Governments (SANDAG) Data Surfer | United States Census Bureau, American Fact Finder (last download date: 6/24/2019)
Note: *Within Service Area* zip codes are assigned by the District. *Outside of Service Area* zip codes are selected by patterns in student enrollment at Miramar College. MCAS Miramar (92145) is omitted from Within Service Area due to unreliable population size.

**Table 3. Population Projections for San Diego County, California, and the United States**

| Area | 2010 Census | 2020 Projection | 2030 Projection | 2040 Projection | 2050 Projection | 2060 Projection | Projected to change to 2060 |
|---|---|---|---|---|---|---|---|
| San Diego | 3,095,313 | 3,390,529 | 3,608,286 | 3,799,752 | 3,966,643 | 4,100,074 | 32.46% |
| California | 37,253,956 | 40,467,295 | 43,631,295 | 46,484,933 | 48,762,709 | 50,605,573 | 35.84% |
| United States | 308,745,538 | 332,555,000 | 354,840,000 | 373,121,000 | 388,335,000 | (not released) | 25.78% (2050 |

Sources: State of California, Department of Finance, P-1 State and County Population Projections | United States Census Bureau | 2017 National Population Projections (last download date: 6/24/2019)

**Table 4. Population Projections by Zip Codes - Within/Outside of Service Area**
Data are not available to update this table at this time.

Sources: San Diego Association of Governments (SANDAG) Data Surfer | United States Census Bureau, American Fact Finder (last download date: 10/22/2019)

**Table 5. Population Estimates by Ethnicity: Miramar College, San Diego Region, and California – 2017**

| Ethnicity | Miramar College | | San Diego Region 2017 | | California 2017 | |
|---|---|---|---|---|---|---|
| African American | 783 | 4.96% | 147,802 | 4.47% | 2,163,804 | 5.81% |
| Asian/Pacific Islander | 3,384 | 21.42% | 373,902 | 11.30% | 4,903,647 | 13.16% |
| Latino | 4,380 | 27.73% | 1,133,247 | 34.24% | 14,013,719 | 37.62% |
| American | 43 | 0.27% | 15,013 | 0.45% | 162,250 | 0.44% |
| White | 5,793 | 36.67% | 1,521,646 | 45.98% | 14,956,253 | 40.15% |
| Other | 1091 | 6.91% | 117,899 | 3.56% | 1,054,283 | 2.83% |
| Unreported | 322 | 2.04% | n/a | n/a | n/a | n/a |
| **Total** | **15,796** | **100%** | **3,309,509** | **100%** | **37,253,956** | **100%** |

Sources: Miramar College Fact Book 2018 | San Diego Association of Governments (SANDAG) Data Surfer | United States Census Bureau American Fact Finder (last download date: 6/24/2019)

**Table 6. Population Estimates by Ethnicity and Zip Codes - Within/Outside of Service Area – 2018**

| Ethnicity | Within Service Area | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 92121 | | 92122 | | 92126 | | 92131 | | Subtotal | |
| African American | 67 | 1% | 1,820 | 4% | 3,537 | 5% | 725 | 2% | 6,149 | 4% |
| Asian/Pacific Islander | 1,637 | 34% | 14,680 | 30% | 31,152 | 41% | 8,946 | 25% | 56,415 | 34% |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Latino | 703 | 15% | 6,395 | 13% | 13,104 | 17% | 4,449 | 12% | 24,651 | 15% |
| American Indian/Alaskan Native | 16 | 0% | 261 | 1% | 382 | 0% | 152 | 0% | 811 | 0% |
| White | 2,157 | 45% | 22,962 | 47% | 23,757 | 31% | 20,024 | 56% | 68,900 | 42% |
| Other | 216 | 5% | 2,386 | 5% | 4,733 | 6% | 1,655 | 5% | 8,990 | 5% |
| **Total** | **4,796** | **100%** | **48,504** | **100%** | **76,665** | **100%** | **35,951** | **100%** | **165,916** | **100%** |

| **Ethnicity** | **Outside of Service Area** | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **92064** | | **92065** | | **92127** | | **92128** | | **92129** | | **92130** | | **Subtotal** | |
| African American | 701 | 1% | 582 | 2% | 928 | 2% | 1,311 | 3% | 1472 | 3% | 1,601 | 3% | 6,595 | 2% |
| Asian/Pacific Islander | 6,137 | 12% | 1,244 | 3% | 14,049 | 28% | 11,505 | 23% | 15,631 | 30% | 16,417 | 28% | 64,983 | 22% |
| Latino | 10,190 | 20% | 9,601 | 27% | 6,227 | 13% | 6,804 | 13% | 7,204 | 14% | 5,980 | 10% | 46,006 | 15% |
| American Indian/Alaskan Native | 210 | 0% | 167 | 0% | 266 | 1% | 209 | 0% | 237 | 0% | 232 | 0% | 1,321 | 0% |
| White | 31,180 | 62% | 22,891 | 64% | 25,450 | 51% | 28,516 | 56% | 25,154 | 48% | 32,521 | 55% | 165,712 | 56% |
| Other | 1,897 | 4% | 1,143 | 3% | 2,685 | 5% | 2,333 | 5% | 2,865 | 5% | 2,685 | 5% | 13,608 | 5% |
| **Total** | **50,315** | **100%** | **35,628** | **100%** | **49,605** | **100%** | **50,678** | **100%** | **52,563** | **100%** | **59,436** | **100%** | **298,225** | **100%** |

Source: San Diego Association of Governments (SANDAG) Data Surfer- 2016 Estimate from United States Census 2010 (last download date: 6/24/2019)
Note: *Within Service Area* zip codes are assigned by the District. *Outside of Service Area* zip codes are selected by patterns in student enrollment at Miramar College. MCAS Miramar (92145) is omitted from Within Service Area due to unreliable population size.

**Table 7. Population Projections by Ethnicity for San Diego County and California**

| **Ethnicity** | **San Diego County** | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **2010 Census** | | **2020 Projections** | | **2030 Projections** | | **2040 Projections** | | **2050 Projections** | | **2060 Projections** | |
| African American | 146,600 | 5% | 163,126 | 5% | 177,813 | 5% | 191,111 | 5% | 202,512 | 5% | 212,052 | 5% |
| Asian/Pacific Islander | 341,562 | 11% | 376,931 | 11% | 393,261 | 11% | 402,971 | 11% | 407,879 | 10% | 408,219 | 10% |
| Latino | 991,348 | 32% | 1,161,236 | 34% | 1,285,235 | 36% | 1,411,076 | 37% | 1,524,168 | 38% | 1,601,990 | 39% |
| American Indian/Alaskan Native | 14,098 | 0% | 15,452 | 0% | 16,657 | 0% | 17,656 | 0% | 18,479 | 0% | 19,353 | 0% |
| White | 1,500,047 | 48% | 1,563,021 | 46% | 1,602,921 | 44% | 1,621,649 | 43% | 1,634,917 | 41% | 1,658,162 | 40% |
| Other | 101,658 | 3% | 110,763 | 3% | 132,399 | 4% | 155,289 | 4% | 178,688 | 5% | 200,298 | 5% |
| **Total** | **3,095,313** | **100%** | **3,390,529** | **100%** | **3,608,286** | **100%** | **3,799,752** | **100%** | **3,966,643** | **100%** | **4,100,074** | **100%** |

| **Ethnicity** | **California** | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **2010 Census** | | **2020 Projections** | | **2030 Projections** | | **2040 Projections** | | **2050 Projections** | | **2060 Projections** | |
| African American | 2,163,804 | 6% | 2,321,113 | 6% | 2,541,494 | 6% | 2,729,256 | 6% | 2,872,678 | 6% | 2,999,403 | 6% |
| Asian/Pacific Islander | 4,903,647 | 13% | 5,447,521 | 13% | 5,744,233 | 13% | 5,977,578 | 13% | 6,141,814 | 13% | 6,242,589 | 12% |
| Latino | 14,013,719 | 38% | 15,955,542 | 39% | 17,712,916 | 41% | 19,436,395 | 42% | 20,826,149 | 43% | 21,737,556 | 43% |
| American Indian/Alaskan Native | 162,250 | 0% | 175,736 | 0% | 192,707 | 0% | 206,686 | 0% | 217,040 | 0% | 228,345 | 0% |
| White | 14,956,253 | 40% | 15,451,934 | 38% | 16,099,146 | 37% | 16,554,966 | 36% | 16,887,082 | 35% | 17,351,938 | 34% |
| Other | 1,054,283 | 3% | 1,115,449 | 3% | 1,340,799 | 3% | 1,580,052 | 3% | 1,817,946 | 4% | 2,045,742 | 4% |
| **Total** | **37,253,956** | **100%** | **40,467,295** | **100%** | **43,631,295** | **100%** | **46,484,933** | **100%** | **48,762,709** | **100%** | **50,605,573** | **100%** |

Sources: State of California, Department of Finance, P-2 County Population Projections by Race/Ethnicity | United States Census Bureau American Fact Finder (last download date: 6/27/2019)
Note: Population by ethnicity for the United States is omitted due to different ethnicity categorization method.

# Appendix II. Educational Information

**Table 8. Public School K-12 Enrollment in San Diego County and California**

| Area | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-19 | % Change 2014/15-2018/19 |
|---|---|---|---|---|---|---|
| San Diego County | 503,848 | 504,561 | 505,310 | 508,169 | 506,260 | 0.5% |
| California | 6,235,520 | 6,226,737 | 6,228,235 | 6,220,413 | 6,186,278 | -0.8% |

Source: California Department of Education - Data Quest (last download date: 7/2/2019)

**Table 9. Public School K-12 Enrollment Projections for San Diego County and California**

| Area | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | % Change 2019/20-2023/24 |
|---|---|---|---|---|---|---|
| San Diego County | 510,158 | 511,631 | 511,029 | 508,632 | 506,458 | -0.7% |
| California | 6,188,967 | 6,174,486 | 6,153,439 | 6,110,592 | 6,079,283 | -1.8% |

Source: State of California, Department of Finance, California Public K-12 Grade Enrollment Projections (last download date: 7/2/2019)

**Table 10.1. Top 10 Public School Districts in California Ranked by Enrollment**

| Public School District | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 5-Year Average | % Change 2014/15-2018/19 |
|---|---|---|---|---|---|---|---|
| Los Angeles Unified | 646,683 | 639,337 | 633,621 | 621,414 | 607,723 | 629,756 | -6.0% |
| San Diego Unified | 129,779 | 129,380 | 128,040 | 126,400 | 124,105 | 127,541 | -4.4% |
| Fresno Unified | 73,543 | 73,460 | 73,356 | 73,455 | 73,249 | 73,413 | -0.4% |
| Long Beach Unified | 79,709 | 77,812 | 76,428 | 74,681 | 73,221 | 76,370 | -8.1% |
| Elk Grove Unified | 62,888 | 62,767 | 63,061 | 63,297 | 63,917 | 63,186 | 1.6% |
| San Francisco Unified | 58,414 | 58,865 | 60,133 | 60,263 | 60,390 | 59,613 | 3.4% |
| Capistrano Unified | 54,036 | 53,878 | 53,613 | 53,622 | 53,269 | 53,684 | -1.4% |
| Corona-Norco Unified | 53,739 | 53,354 | 53,157 | 53,924 | 53,002 | 53,435 | -1.4% |
| San Bernardino City Unified | 53,365 | 53,303 | 53,152 | 53,027 | 52,773 | 53,124 | -1.1% |
| Santa Ana Unified | 56,815 | 55,909 | 54,505 | 53,131 | 51,482 | 54,368 | -9.4% |
| **Total** | **1,268,971** | **1,258,065** | **1,249,066** | **1,233,214** | **1,213,131** | **1,244,489** | **-4.4%** |

Source: California Department of Education - Data Quest (last download date: 7/2/2019)
Note: Top 10 public school districts ranked by enrollment were selected based on 2018-19 data and are presented in order of descending enrollment based on this year's data.

**Table 10.2. Top 10 Public School Districts in San Diego County Ranked by Enrollment**

| Public School District | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 5-Year Average | % Change 2014/15-2018/19 |
|---|---|---|---|---|---|---|---|
| San Diego Unified | 129,779 | 129,380 | 128,040 | 126,400 | 124,105 | 127,541 | -4.4% |
| Sweetwater Union High | 41,018 | 41,050 | 40,671 | 40,737 | 40,364 | 40,768 | -1.6% |
| Poway Unified | 35,629 | 35,771 | 35,956 | 36,519 | 36,450 | 36,065 | 2.3% |
| Chula Vista Elementary | 29,806 | 30,230 | 30,053 | 30,120 | 30,135 | 30,069 | 1.1% |
| Vista Unified | 25,377 | 25,244 | 25,149 | 24,708 | 24,198 | 24,935 | -4.6% |
| Grossmont Union High | 22,220 | 21,860 | 21,709 | 21,492 | 21,342 | 21,725 | -4.0% |
| San Marcos Unified | 20,452 | 20,813 | 20,970 | 21,007 | 21,122 | 20,873 | 3.3% |
| Oceanside Unified | 20,980 | 21,024 | 20,629 | 20,459 | 19,749 | 20,568 | -5.9% |
| Escondido Union | 19,204 | 19,067 | 18,965 | 18,695 | 18,473 | 18,881 | -3.8% |
| Cajon Valley Union | 16,601 | 16,645 | 16,924 | 17,369 | 17,468 | 17,001 | 5.2% |
| **Total** | **361,066** | **361,084** | **359,066** | **357,506** | **353,406** | **358,426** | **-2.1%** |

Source: California Department of Education - Data Quest (last download date: 7/2/2019)
Note: Top 10 public school districts ranked by enrollment were selected based on 2018-19 data and are presented in order of descending enrollment based on this year's data.

**Table 10.3. Top 10 Public School Districts in California Ranked by Grade 12 Enrollment**

| Public School District | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 5-Year Average | % Change 2014/15-2018/19 |
|---|---|---|---|---|---|---|---|
| Los Angeles Unified | 43,324 | 43,432 | 42,101 | 42,372 | 41,873 | 42,620 | -3.3% |
| Kern High | 9,227 | 9,372 | 9,625 | 9,852 | 10,175 | 9,650 | 10.3% |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| San Diego Unified | 10,180 | 10,273 | 9,584 | 9,665 | 9,418 | 9,824 | -7.5% |
| Sweetwater Union High | 7,972 | 7,881 | 7,821 | 8,078 | 7,934 | 7,937 | -0.5% |
| East Side Union High | 6,647 | 6,485 | 6,549 | 6,909 | 6,785 | 6,675 | 2.1% |
| Chaffey Joint Union High | 6,214 | 6,317 | 6,064 | 6,014 | 6,046 | 6,131 | -2.7% |
| Long Beach Unified | 6,767 | 6,299 | 6,282 | 6,019 | 5,929 | 6,259 | -12.4% |
| Antelope Valley Union High | 7,334 | 6,805 | 5,972 | 5,667 | 5,657 | 6,287 | -22.9% |
| Grossmont Union High | 5,931 | 5,662 | 5,876 | 5,405 | 5,541 | 5,683 | -6.6% |
| Anaheim Union High | 5,435 | 5,213 | 5,199 | 5,328 | 5,479 | 5,331 | 0.8% |
| **Total** | **109,031** | **107,739** | **105,073** | **105,309** | **104,837** | **106,398** | **-3.8%** |

Source: California Department of Education - Data Quest (last download date: 7/2/2019)
Note: Top 10 public school districts ranked by enrollment were selected based on 2018-19 data and are presented in order of descending enrollment based on this year's data.

**Table 10.4. Top 10 Public School Districts in San Diego County Ranked by Grade 12 Enrollment**

| Public School District | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 5-Year Average | % Change 2014/15-2018/19 |
|---|---|---|---|---|---|---|---|
| San Diego Unified | 10,180 | 10,273 | 9,584 | 9,665 | 9,418 | 9,824 | -7.5% |
| Sweetwater Union High | 7,972 | 7,881 | 7,821 | 8,078 | 7,934 | 7,937 | -0.5% |
| Grossmont Union High | 5,931 | 5,662 | 5,876 | 5,405 | 5,541 | 5,683 | -6.6% |
| Poway Unified | 2,694 | 2,804 | 2,849 | 2,735 | 2,918 | 2,800 | 8.3% |
| Escondido Union High | 2,358 | 2,344 | 2,355 | 2,425 | 2,532 | 2,403 | 7.4% |
| Vista Unified | 3,135 | 2,951 | 2,975 | 2,919 | 2,363 | 2,869 | -24.6% |
| San Dieguito Union High | 2,124 | 2,052 | 2,179 | 2,174 | 2,334 | 2,173 | 9.9% |
| Oceanside Unified | 1,509 | 1,538 | 1,528 | 1,470 | 1,628 | 1,535 | 7.9% |
| San Marcos Unified | 1,338 | 1,425 | 1,461 | 1,493 | 1,534 | 1,450 | 14.6% |
| Carlsbad Unified | 777 | 810 | 870 | 950 | 913 | 864 | 17.5% |
| **Total** | **38,018** | **37,740** | **37,498** | **37,314** | **37,115** | **37,537** | **-2.4%** |

Source: California Department of Education - Data Quest (last download date: 7/2/2019)
Note: Top 10 public school districts ranked by 12th grade enrollment were selected based on 2018-19 data and are presented in order of descending enrollment based on this year's data

**Table 11.1. Miramar College Feeder High Schools Enrollment by Ethnicity – 2018-19**

| Feeder High School | Mira Mesa | | Scripps Ranch | | Serra | | University City | | Total/Average | |
|---|---|---|---|---|---|---|---|---|---|---|
| African American | 118 | 4.9% | 59 | 2.7% | 108 | 7.4% | 44 | 2.4% | 329 | 4.2% |
| Asian/Pacific Islander | 552 | 23.0% | 547 | 25.1% | 126 | 8.6% | 211 | 11.5% | 1,436 | 18.2% |
| Filipino | 595 | 24.8% | 126 | 5.8% | 34 | 2.3% | 79 | 4.3% | 834 | 10.6% |
| Latino | 538 | 22.4% | 316 | 14.5% | 601 | 41.0% | 684 | 37.2% | 2,138 | 27.1% |
| American Indian/Alaskan | 7 | 0.3% | 2 | 0.1% | 7 | 0.5% | 2 | 0.1% | 19 | 0.2% |
| White | 312 | 13.0% | 874 | 40.1% | 424 | 28.9% | 662 | 36.0% | 2,271 | 28.8% |
| Other | 19 | 0.8% | 2 | 0.1% | 4 | 0.3% | 4 | 0.2% | 29 | 0.4% |
| Two or More Races | 262 | 10.9% | 253 | 11.6% | 163 | 11.1% | 151 | 8.2% | 828 | 10.5% |
| **Total** | **2,400** | **100%** | **2,179** | **100%** | **1,466** | **100%** | **1,838** | **100%** | **7,885** | **100%** |

Source: California Department of Education - Data Quest (last download date: 7/2/2019)

**Table 11.2. Top 20 San Diego County Private High Schools by 9th-12th Grade Enrollment**

| School | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-19 | % Change 2014-15-2018/19 |
|---|---|---|---|---|---|---|
| Brookshire International Academy | 30 | 497 | 1,558 | 2,048 | 2,229 | 7330.0% |
| Cathedral Catholic High School | 1,646 | 1,569 | 1,633 | 1,595 | 1,617 | -1.8% |
| Mater Dei Catholic High School | 703 | 702 | 715 | 754 | 863 | 22.8% |
| Academy of Our Lady of Peace | 746 | 747 | 730 | 748 | 767 | 2.8% |
| St. Augustine High School | 735 | 736 | 734 | 731 | 715 | -2.7% |
| Bishop's School, The | 547 | 549 | 535 | 521 | 536 | -2.0% |

| | | | | | | |
|---|---|---|---|---|---|---|
| Francis Parker School | 500 | 495 | 507 | 522 | 535 | 7.0% |
| National University Virtual High School | 423 | 364 | 391 | 432 | 484 | 14.4% |
| La Jolla Country Day School | 479 | 458 | 467 | 483 | 474 | -1.0% |
| Santa Fe Christian Schools | 425 | 431 | 446 | 436 | 444 | 4.5% |
| Pacific Ridge School | 351 | 382 | 393 | 420 | 441 | 25.6% |
| Christian Junior/Senior High School | 363 | 382 | 381 | 393 | 387 | 6.6% |
| Maranatha Christian Schools | 160 | 178 | 228 | 287 | 286 | 78.8% |
| Heritage Christian School of San Diego | 333 | 327 | 313 | 287 | 253 | -24.0% |
| Foothills Christian High School | 247 | 256 | 254 | 224 | 245 | -0.8% |
| Tri-City Christian Schools | 188 | 211 | 210 | 208 | 215 | 14.4% |
| San Diego Jewish Academy | 181 | 185 | 174 | 180 | 172 | -5.0% |
| Grauer, The | 129 | 109 | 105 | 110 | 108 | -16.3% |
| Calvin Christian School of Escondido | 150 | 140 | 124 | 107 | 97 | -35.3% |
| San Diego Academy | 112 | 105 | 99 | 96 | 89 | -20.5% |
| **Total** | **8,448** | **8,823** | **9,997** | **10,582** | **10,957** | **29.70%** |

Source: California Department of Education - Private Schools (last download date: 7/2/2019)
Note: Private schools were selected based on 2018-19 enrollment data and are presented in order of descending enrollment based on this year's data

**Table 11.3. Private School - Graduated and Subsequently Enrolled to Miramar College within Two Years (Unduplicated Headcount)**
Data are not available to update this table at this time.
Source: SDCCD Information System

**Table 12. Graduates from Feeder High School and UC/CSU Application Eligibility Rate - 2016-17**
Data are not available to update this table at this time.
Sources: California Department of Education - Graduates Meeting UC/CSU Entrance Requirements | California Department of Education - Data Quest (last download date: 10/22/2019)

**Table 13.1. Miramar College Student Admission (not Subsequent Enrollment) to UCSD by Ethnicity**

| Ethnicity | 2014-15 | | 2015-16 | | 2016-17 | | 2017-18 | | 2018-19* | |
|---|---|---|---|---|---|---|---|---|---|---|
| African American | 0 | 0.0% | 3 | 2.9% | 10 | 6.6% | 7 | 4.5% | 8 | 4.0% |
| American Indian | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| Asian | 41 | 46.6% | 45 | 43.3% | 70 | 46.4% | 67 | 43.5% | 90 | 44.6% |
| Hispanic/Latino | 10 | 11.4% | 15 | 14.4% | 11 | 7.3% | 20 | 13.0% | 30 | 14.9% |
| White | 29 | 33.0% | 38 | 36.5% | 57 | 37.7% | 50 | 32.5% | 69 | 34.2% |
| Other | 8 | 9.1% | 3 | 2.9% | 3 | 2.0% | 10 | 6.5% | 5 | 2.5% |
| **Total** | **88** | **100%** | **104** | **100%** | **151** | **100%** | **154** | **100%** | **202** | **100%** |

Source: University of California Info Center, Admissions by Source School (last download date: 7/2/2019)
*UCSD Fall 2018 data only

**Table 13.2. Miramar College Student Transfer to UCSD by Major**

| UCSD Majors | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-2019* | Average enrollment 2014/15-2018/19 |
|---|---|---|---|---|---|---|
| Biological & Biomedical Sciences | 18 | 18 | 25 | 25 | 43 | 25.8 |
| Multi/Interdisciplinary Studies | 5 | 14 | 25 | 12 | 12 | 13.6 |
| Social Sciences | 6 | 8 | 5 | 20 | 18 | 11.4 |
| Computer & Information Sciences & Support Services | 10 | 4 | 7 | 14 | 18 | 10.6 |
| Physical Sciences | 9 | 8 | 10 | 8 | 13 | 9.6 |
| Engineering | 11 | 5 | 3 | 8 | 16 | 8.6 |
| Psychology | 4 | 5 | 3 | 4 | 4 | 4.0 |
| Health Professionals & Related Programs | 0 | 2 | 7 | 5 | 4 | 3.6 |
| Mathematics & Statistics | 1 | 4 | 3 | 3 | 2 | 2.6 |
| Visual & Performing Arts | 1 | 1 | 5 | 0 | 3 | 2.0 |
| Communication, Journalism, & Related Programs | 3 | 0 | 1 | 3 | 2 | 1.8 |

| | | | | | | |
|---|---|---|---|---|---|---|
| English Language & Literature/Letters | 2 | 1 | 2 | 4 | 0 | 1.8 |
| Family & Consumer Sciences/Human Sciences | 1 | 0 | 0 | 5 | 0 | 1.2 |
| History | 0 | 0 | 3 | 1 | 2 | 1.2 |
| Natural Resources & Conservation | 0 | 0 | 0 | 0 | 5 | 1.0 |
| Business, Management, Marketing, & Related Support Services | 0 | 0 | 0 | 1 | 2 | 0.6 |
| Education | 0 | 1 | 0 | 1 | 0 | 0.4 |
| Foreign Languages, Literatures, & Linguistics | 1 | 0 | 0 | 1 | 0 | 0.4 |
| Architecture & Related Services | 0 | 0 | 0 | 0 | 1 | 0.2 |
| Area, Ethnic, Cultural, Gender, & Group Studies | 0 | 0 | 0 | 1 | 0 | 0.2 |
| Philosophy & Religious Studies | 0 | 0 | 0 | 0 | 0 | 0.0 |
| **Total** | **72** | **71** | **99** | **116** | **145** | **84.8** |

Source: University of California Info Center, Transfers by Major (last download date: 7/2/2019)
*UCSD Fall 2018 data only

**Table 14.1. UCSD Undergraduate Retention and Graduation Rates: First-time Freshmen, Overall**

| Cohort | Cohort Size | Retention Rate | | Graduation Rate | | |
|---|---|---|---|---|---|---|
| | | 1-Year | 2-Year | 4-Year | 5-Year | 6-Year |
| 2017 | 5,698 | 94% | | | | |
| 2016 | 5,476 | 94% | 90% | | | |
| 2015 | 5,292 | 95% | 91% | | | |
| 2014 | 4,922 | 95% | 90% | 68% | | |
| 2013 | 5,228 | 95% | 90% | 65% | 85% | |
| 2012 | 4,573 | 94% | 89% | 62% | 82% | 86% |
| 2011 | 3,444 | 94% | 88% | 55% | 80% | 85% |

Sources: UCSD Undergraduate Graduation and Retention Rates | UCSD Total New Undergraduate Students: The Past Decade (last download date: 10/28/2019)

**Table 14.2. UCSD Retention, Graduation, and Time-to-Degree: First-time Freshmen by Gender**

| Women | | | | | | |
|---|---|---|---|---|---|---|
| Cohort | Cohort Size | Retention Rate | | Graduation Rate | | |
| | | 1-Year | 2-Year | 4-Year | 5-Year | 6-Year |
| 2017 | 2,987 | 94% | | | | |
| 2016 | 3,059 | 95% | 92% | | | |
| 2015 | 2,662 | 96% | 93% | | | |
| 2014 | 2,479 | 95% | 91% | 73% | | |
| 2013 | 2,733 | 95% | 91% | 72% | 87% | |
| 2012 | 2,377 | 94% | 89% | 68% | 85% | 88% |
| 2011 | 1,980 | 95% | 89% | 60% | 82% | 87% |

| Men | | | | | | |
|---|---|---|---|---|---|---|
| Cohort | Cohort Size | Retention Rate | | Graduation Rate | | |
| | | 1-Year | 2-Year | 4-Year | 5-Year | 6-Year |
| 2017 | 2,721 | 94% | | | | |
| 2016 | 2,652 | 93% | 88% | | | |
| 2015 | 2,710 | 95% | 90% | | | |
| 2014 | 2,539 | 94% | 90% | 63% | | |
| 2013 | 2,616 | 94% | 88% | 59% | 82% | |
| 2012 | 2,329 | 94% | 89% | 55% | 79% | 85% |
| 2011 | 1,583 | 93% | 87% | 50% | 76% | 82% |

Source: UCSD Undergraduate Graduation and Retention Rates (last download date: 10/28/2019)

**Table 14.3. UCSD Undergraduate Retention and Graduation Rates: First-time Freshmen by Ethnicity**

| African American/Black | | | | | | |
|---|---|---|---|---|---|---|
| Cohort | Cohort Size | Retention Rate | | Graduation Rate | | |
| | | 1-Year | 2-Year | 4-Year | 5-Year | 6-Year |
| 2017 | 134 | 93% | | | | |
| 2016 | 154 | 92% | 88% | | | |
| 2015 | 89 | 96% | 87% | | | |
| 2014 | 95 | 94% | 88% | 48% | | |
| 2013 | 119 | 92% | 84% | 55% | 77% | |
| 2012 | 93 | 94% | 94% | 47% | 82% | 88% |
| 2011 | 62 | 92% | 84% | 37% | 60% | 69% |

| American Indian/Alaska Native |
|---|

| Cohort | Cohort Size | Retention Rate | | Graduation Rate | | |
|---|---|---|---|---|---|---|
| | | 1-Year | 2-Year | 4-Year | 5-Year | 6-Year |
| 2017 | 17 | 88% | | | | |
| 2016 | 23 | 91% | 87% | | | |
| 2015 | 22 | 96% | 91% | | | |
| 2014 | 15 | 93% | 100% | 73% | | |
| 2013 | 19 | 95% | 90% | 53% | 84% | |
| 2012 | 14 | 100% | 93% | --- | 86% | 86% |
| 2011 | --- | --- | --- | --- | --- | --- |

| Asian/Asian American | | | | | | |
|---|---|---|---|---|---|---|
| Cohort | Cohort Size | Retention Rate | | Graduation Rate | | |
| | | 1-Year | 2-Year | 4-Year | 5-Year | 6-Year |
| 2017 | 2,964 | 96% | | | | |
| 2016 | 3,197 | 96% | 92% | | | |
| 2015 | 3,246 | 97% | 93% | | | |
| 2014 | 2,923 | 96% | 93% | 73% | | |
| 2013 | 3,005 | 96% | 92% | 69% | 87% | |
| 2012 | 2,719 | 95% | 90% | 64% | 84% | 89% |
| 2011 | 1,902 | 95% | 90% | 60% | 83% | 88% |

| Chicano/Latino | | | | | | |
|---|---|---|---|---|---|---|
| Cohort | Cohort Size | Retention Rate | | Graduation Rate | | |
| | | 1-Year | 2-Year | 4-Year | 5-Year | 6-Year |
| 2017 | 1,325 | 91% | | | | |
| 2016 | 1,222 | 91% | 87% | | | |
| 2015 | 748 | 92% | 87% | | | |
| 2014 | 873 | 91% | 87% | 52% | | |
| 2013 | 825 | 94% | 88% | 53% | 78% | |
| 2012 | 627 | 92% | 85% | 49% | 72% | 77% |
| 2011 | 723 | 91% | 84% | 40% | 70% | 76% |

| White/Caucasian | | | | | | |
|---|---|---|---|---|---|---|
| Cohort | Cohort Size | Retention Rate | | Graduation Rate | | |
| | | 1-Year | 2-Year | 4-Year | 5-Year | 6-Year |
| 2017 | 1,056 | 94% | | | | |
| 2016 | 939 | 94% | 90% | | | |
| 2015 | 953 | 94% | 90% | | | |
| 2014 | 847 | 93% | 87% | 68% | | |
| 2013 | 1,087 | 93% | 87% | 64% | 84% | |
| 2012 | 980 | 94% | 88% | 63% | 81% | 85% |
| 2011 | 696 | 94% | 88% | 61% | 82% | 85% |

Source: UCSD Undergraduate Graduation and Retention Rates (last download date: 10/28/2019)
Note: Native Hawaiian/Pacific Islander and Unknown/Declined to State excluded from analysis due to small sample sizes but available in original dashboard

**Table 15.1. UCSD New Student Enrollments**

| Student Type | 2006 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 10-Year Change |
|---|---|---|---|---|---|---|---|---|
| First-Time Freshmen | 4,589 | 3,444 | 4,573 | 5,228 | 4,922 | 5,292 | 5,746 | +25% |
| | 76% | 55% | 67% | 66% | 67% | 66% | 67% | |
| New Transfers | 1,482 | 2,803 | 2,240 | 2,704 | 2,462 | 2,678 | 2,884 | +95% |
| | 24% | 45% | 33% | 34% | 33% | 34% | 33% | |
| **New Student Total** | **6,071** | **6,247** | **6,813** | **7,932** | **7,384** | **7,970** | **8,630** | **+42%** |

Source: UCSD Total New Undergraduate Students: The Past Decade (last download date: 10/28/2019)

**Table 15.2. UCSD Retention, Graduation, and Time-to-Degree: Community College Transfers by Gender**
Data are not available to update this table at this time.
Sources: UCSD Retention and Graduation Rates 2016-2017, Student Research & Information Institutional Research, Academic Affairs, University of California, San Diego, page 29 (last download date: 10/28/2019)

**Table 15.3. UCSD 1-Year Retention Rate: Community College Transfers by Ethnicity**
Data are not available to update this table at this time.
Source: UCSD Retention and Graduation Rates 2016-2017, Student Research & Information Institutional Research, Academic Affairs, University of California, San Diego, page 30-31 (last download date: 10/28/201

# Appendix III. Economic Trends

**Table 16. Civilian Labor Force, Employment, and Unemployment for San Diego County**

| Measures | 2014 | 2015 | 2016 | 2017 | 2018 | % Change 2014-2018 |
|---|---|---|---|---|---|---|
| Labor Force | 1,540,700 | 1,550,100 | 1,564,300 | 1,574,600 | 1,592,200 | **3.34%** |
| Employment | 1,441,700 | 1,469,500 | 1,490,500 | 1,511,400 | 1,539,500 | **6.78%** |
| Unemployment | 99,000 | 80,600 | 73,900 | 63,200 | 52700 | **-46.77%** |
| Unemployment Rate | 6.4 | 5.2 | 4.7 | 4 | 3.3 | **-48.44%** |

Source: State of California Employment Development Department, Historical Data for Unemployment Rate and Labor Force (Not Seasonally Adjusted) (last download date: 7/2/2019)

**Table 17. Employment by Industry in San Diego County**

| Industry | 2014 | 2015 | 2016 | 2017 | 2018 | Av. annual employment | % Change 2014-2018 |
|---|---|---|---|---|---|---|---|
| Health Care and Social Assistance | 165,980 | 174,483 | 182,893 | 188,028 | 191,908 | 180,658 | 15.62% |
| Accommodation and Food Services | 150,353 | 155,911 | 165,892 | 170,594 | 173,387 | 163,227 | 15.32% |
| Professional, Scientific, and Technical Services | 135,975 | 138,027 | 138,211 | 135,660 | 147,885 | 139,152 | 8.76% |
| Retail Trade | 131,751 | 134,512 | 135,091 | 136,788 | 136,496 | 134,928 | 3.60% |
| Educational Services | 122,077 | 125,881 | 128,070 | 131,092 | 131,398 | 127,704 | 7.64% |
| Manufacturing | 96,795 | 106,014 | 108,206 | 109,593 | 113,875 | 106,897 | 17.65% |
| Administrative and Support and Waste Management and Remediation Services | 80,380 | 85,345 | 88,239 | 88,211 | 93,233 | 87,082 | 15.99% |
| Construction | 65,093 | 71,693 | 78,159 | 81,166 | 85,395 | 76,301 | 31.19% |
| Other Services (except Public Administration) | 48,904 | 50,020 | 51,715 | 52,029 | 52,135 | 50,961 | 6.61% |
| Finance and Insurance | 40,713 | 41,543 | 43,131 | 44,526 | 45,609 | 43,104 | 12.03% |
| Wholesale Trade | 47,007 | 47,960 | 47,534 | 51,285 | 44,767 | 47,711 | -4.77% |
| Public Administration | 38,554 | 39,418 | 40,872 | 41,589 | 41,680 | 40,423 | 8.11% |
| Arts, Entertainment, and Recreation | 37,698 | 38,557 | 37,120 | 36,286 | 37,267 | 37,386 | -1.14% |
| Transportation and Warehousing | 23,318 | 24,854 | 25,762 | 27,088 | 28,643 | 25,933 | 22.84% |
| Real Estate and Rental and Leasing | 27,367 | 27,610 | 27,712 | 27,840 | 28,360 | 27,778 | 3.63% |
| Information | 25,538 | 25,974 | 25,064 | 26,062 | 25,666 | 25,661 | 0.50% |
| Management of Companies and Enterprises | 23,870 | 23,892 | 23,200 | 23,647 | 25,297 | 23,981 | 5.98% |
| Agriculture, Forestry, Fishing and Hunting | 9,380 | 9,180 | 9,098 | 8,761 | 9,083 | 9,100 | -3.17% |
| Utilities | 7,159 | 6,827 | 6,877 | 6,602 | 6,448 | 6,783 | -9.93% |
| Mining, Quarrying, and Oil and Gas Extraction | 390 | 361 | 272 | 332 | 330 | 337 | -15.38% |
| **Total** | **1,278,302** | **1,328,062** | **1,363,118** | **1,387,179** | **1,418,862** | **1,355,105** | **11.00%** |

Source: QWI Explorer, Annual Averages, by NAICS Sector in San Diego County (last download date: 7/1/2019)

**Table 18.1. Top 20 Jobs Requiring an Associate Degree or Post-Secondary Vocational Training* with Highest Predicted Annual Job Openings in San Diego County**

| Occupation | Predicted Annual Openings from 2016-26 |
|---|---|
| Bookkeeping, Accounting, and Auditing Clerks | 1,898 |
| Teacher Assistants | 1,281 |
| Nursing Assistants | 1,261 |
| Medical Assistants | 1,097 |
| Heavy and Tractor-Trailer Truck Drivers | 972 |
| Automotive Service Technicians and Mechanics | 787 |
| Hairdressers, Hairstylists, and Cosmetologists | 603 |
| Manicurists and Pedicurists | 512 |
| Computer User Support Specialists | 506 |
| Dental Assistants | 486 |
| Preschool Teachers, Except Special Education | 486 |
| Licensed Practical and Licensed Vocational Nurses | 466 |
| Paralegals and Legal Assistants | 389 |
| Massage Therapists | 348 |
| Telecommunications Equipment Installers and Repairers, Except Line Installers | 337 |
| Electrical and Electronics Engineering Technicians | 301 |
| Heating, Air Conditioning, and Refrigeration Mechanics and Installers | 255 |
| Web Developers | 242 |
| Firefighters | 223 |
| Health Technologists and Technicians, All Other | 203 |

Source: State of California Employment Development Department, Long-Term Occupational Employment Projections (last download date: 7/1/2019)

* Includes occupations with following entry-level education requirements: Associate's degree, Postsecondary non-degree award; Some college, no degree

**Table 18.2. Top 20 Jobs Requiring a Bachelor's Degree with Highest Predicted Annual Job Openings in San Diego County**

| Occupation | Predicted Annual Openings from 2016-26 |
|---|---|
| General and Operations Managers | 2,350 |
| Registered Nurses | 1,601 |

| | |
|---|---|
| Business Operations Specialists, All Other | 1,463 |
| Accountants and Auditors | 1,222 |
| Management Analysts | 1,106 |
| Market Research Analysts and Marketing Specialists | 1,073 |
| Software Developers, Applications | 1,067 |
| Teachers and Instructors, All Other, Except Substitute Teachers | 961 |
| Managers, All Other | 936 |
| Elementary School Teachers, Except Special Education | 922 |
| Substitute Teachers | 914 |
| Secondary School Teachers, Except Special and Career/Technical Education | 877 |
| Software Developers, Systems Software | 660 |
| Financial Managers | 602 |
| Sales Managers | 594 |
| Human Resources Specialists | 571 |
| Construction Managers | 566 |
| Securities, Commodities, and Financial Services Sales Agents | 557 |
| Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products | 488 |
| Civil Engineers | 480 |

Source: State of California Employment Development Department, Long-Term Occupational Employment Projections (last download date: 7/1/2019)

**Table 19. Labor Market Demand vs. Program Supply for the Top 25 Middle-Skill* Jobs in San Diego County**

| Occupational Group | 2017-22 Annual Openings | Supply Gap or Oversupply | 2013-15 Average Annual Awards | Difference between Openings and Awards |
|---|---|---|---|---|
| Customer Service Representatives | 2,920 | Supply Gap | 5 | 2,915 |
| Secretaries and Administrative Assistants, Except Legal, Medical, and Executive | 2,683 | Supply Gap | 1,206 | 1,477 |
| Registered Nurses | 1,810 | Supply Gap | 553 | 1,257 |
| First-Line Supervisors of Office and Administrative Support Workers | 1,743 | Supply Gap | 9 | 1,734 |
| Sales Representatives, Services, All Other | 1,578 | Supply Gap | -- | -- |
| First-Line Supervisors of Retail Sales Workers | 1,542 | Supply Gap | 78 | 1,464 |
| Business Operations Specialists, All Other | 1,439 | Supply Gap | 59 | 1,380 |
| Maintenance and Repair Workers, General | 1,303 | Supply Gap | - | 1,303 |
| Medical Assistants | 1,180 | Oversupply | 1,396 | (216) |
| Carpenters | 1,178 | Supply Gap | 99 | 1,079 |
| Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products | 1,132 | Supply Gap | 87 | 1,045 |
| Medical Secretaries | 1,058 | Supply Gap | 405 | 653 |
| Electricians | 1,026 | Supply Gap | 115 | 911 |
| Heavy and Tractor-Trailer Truck Drivers | 988 | Supply Gap | N/A | -- |
| Fitness Trainers and Aerobics Instructors | 835 | Supply Gap | 125 | 710 |
| Plumbers, Pipefitters, and Steamfitters | 799 | Supply Gap | 221 | 578 |
| Executive Secretaries and Executive Administrative Assistants | 768 | Supply Gap | -- | -- |
| First-Line Supervisors of Construction Trades and Extraction Workers | 732 | Supply Gap | 26 | 706 |
| Inspectors, Testers, Sorters, Samplers, and Weighers | 650 | Supply Gap | - | 650 |
| Licensed Practical and Licensed Vocational Nurses | 645 | Supply Gap | 378 | 267 |
| Insurance Sales Agents | 554 | Supply Gap | - | 554 |
| Computer User Support Specialists | 548 | Supply Gap | 39 | 509 |
| Dental Assistants | 533 | Supply Gap | 410 | 123 |
| Production, Planning, and Expediting Clerks | 505 | Supply Gap | 3 | 502 |
| First-Line Supervisors of Production and Operating Workers | 474 | Supply Gap | -- | -- |

"--'' indicates that the TOP code(s) for that job was (were) omitted and accounted for elsewhere in the table
"N/A" indicates that no program exists for that TOP code in the region
Source: San Diego & Imperial Community Colleges Regional Consortium, San Diego County Regional Scan June 2018 (last download date: 10/22/2019)
* Middle-skill occupation requires at least a high school diploma, but less than a four-year degree.

**Table 20. Household Income in the Past 12 Months – San Diego County (IN 2017 INFLATION-ADJUSTED DOLLARS)**

| Household Income & Benefits | Families | Percent |
|---|---|---|
| Less than $10,000 | 56,699 | 5.1% |
| $10,000 to $14,999 | 42,246 | 3.8% |
| $15,000 to $24,999 | 84,492 | 7.6% |
| $25,000 to $34,999 | 88,939 | 8.0% |
| $35,000 to $49,999 | 126,738 | 11.4% |
| $50,000 to $74,999 | 186,772 | 16.8% |
| $75,000 to $99,999 | 143,414 | 12.9% |
| $100,000 to $149,999 | 188,996 | 17.0% |
| $150,000 to $199,999 | 91,163 | 8.2% |
| $200,000 or more | 103,392 | 9.3% |
| **Total households** | **1,111,739** | 100% |
| Median Household Income | $70,588 | |
| Mean Household Income | $96,153 | |

Source: Selected Characteristics of the Native and Foreign-Born Populations. 2012-2016 American Community Surveys 5-Year Estimates (last download date: 7/1/2019)

**Table 21. Household Income Estimates by Zip Codes -2016 (2010$, adjusted for inflation)**

| Income Levels | Within Service Area | | | | Outside of Service Area | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 92121 | 92122 | 92126 | 92131 | 92064 | 92065 | 92127 | 92128 | 92129 | 92130 |
| Less than $15,000 | 12% | 14% | 5% | 4% | 6% | 7% | 6% | 6% | 6% | 7% |
| $15,000 to $29,999 | 5% | 11% | 9% | 5% | 9% | 10% | 6% | 9% | 6% | 6% |
| $30,000 to $44,999 | 7% | 11% | 11% | 7% | 9% | 13% | 7% | 10% | 7% | 5% |
| $45,000 to $59,999 | 7% | 10% | 11% | 6% | 9% | 11% | 7% | 10% | 8% | 6% |
| $60,000 to $74,999 | 10% | 9% | 11% | 7% | 9% | 10% | 8% | 9% | 8% | 6% |
| $75,000 to $99,999 | 15% | 13% | 17% | 13% | 14% | 14% | 12% | 15% | 14% | 11% |
| $100,000 to $124,999 | 12% | 10% | 13% | 13% | 12% | 12% | 12% | 13% | 13% | 12% |
| $125,000 to $149,999 | 9% | 7% | 9% | 10% | 8% | 8% | 9% | 8% | 10% | 9% |
| $150,000 to $199,999 | 12% | 8% | 8% | 14% | 12% | 8% | 14% | 11% | 14% | 14% |
| $200,000 or more | 12% | 8% | 5% | 21% | 12% | 7% | 19% | 9% | 14% | 24% |
| Median Household Income (2010$, adjusted for inflation) | $96,733 | $73,617 | $86,012 | $115,113 | $94,067 | $79,125 | $118,481 | $88,209 | $109,149 | $130,088 |
| Median Household Income (2017$, not adjusted for inflation) | $109,080 | $83,013 | $96,991 | $129,806 | $106,074 | $89,225 | $113,604 | $99,468 | $122,968 | $146,692 |

Source: San Diego Association of Governments (SANDAG) Data Surfer (last download date: 7/1/2019)
Note: *Within Service Area* zip codes are assigned by the District. *Outside of Service Area* zip codes are selected by patterns in student enrollment at Miramar College. MCAS Miramar (92145) is omitted from Within Service Area due to unreliable population size.

# Appendix IV. Political and Social Trends Impacting Miramar College

**Table 22.1. Veteran Population Projections for San Diego County – Overall**

| | 2015 Benchmark | 2020 Projection | 2025 Projection | 2030 Projection | 2035 Projection | 2040 Projection | 2045 Projection | Projected Change to 2045 |
|---|---|---|---|---|---|---|---|---|
| **Overall** | 246,972 | 235,780 | 223,531 | 214,829 | 208,639 | 203,925 | 201,017 | **-18.61%** |

Source: U.S. Department of Veterans Affairs, Veteran Population Projection by Counties (last download date: 7/1/2019)

**Table 22.2. Veteran Population Projections for San Diego County – Age**

Data are not available to update this table at this time.
Source: U.S. Department of Veterans Affairs, Veteran Population Projection by Counties (last download date: 10/22/2019)

**Table 22.3. Veteran Population Projections for San Diego County – Gender**

Data are not available to update this table at this time.
Source: U.S. Department of Veterans Affairs, Veteran Population Projection by Counties (last download date: 10/22/2019)

**Table 24. Veteran Population Projection for California – Ethnicity**

Data are not available to update this table at this time.
Source: U.S. Department of Veterans Affairs, Veteran Population Projection by State (last download date: 10/22/2019)

**Table 25.1 Current Political/Social Trends Impacting Miramar College**

| Current Trends | Literature |
|---|---|
| Associate Degree for Transfer (ADT) | Program and Course Approval Handbook, September 2013 |
| | Associate Degree for Transfer Legislative Report 2017 |
| AB705 | AB 705, California Community Colleges Chancellor's Office (CCCCO) |
| California Guided Pathways | California Guided Pathways Project; Fact Sheet, Resources |
| Career Technical Education (CTE) Strong Workforce Program (SWP) | Community Colleges to receive over $16.5M for job training programs, SDCCD News Center |
| | Strong Workforce Program (CCCCO) |
| | Strong Workforce Program Planning Calendar |
| Student Equity & Achievement Program | Student Equity and Achievement Program (CCCCO) |
| Free Application for Federal Student Aid (FAFSA) Application Timeline | Free Application for Federal Student Aid (FAFSA) |
| | Student Financial Assistance Programs (SFAP) |
| | Student Web Services, Financial Aid (SDCCD) |
| Vision for Success | Vision for Success (CCCCO) |
| Student Centered Funding Formula | Chancellor's Recommendations on Funding for the California Community Colleges |

**Table 25.2 Future Political/Social Trends Impacting Miramar College**

| Future Trends | Literature |
|---|---|
| 4-Year Baccalaureate Program at California Community Colleges | San Diego Mesa College Selected as Pilot Site to Offer Bachelor's Degree in Health Information Management, SDCCD News Releases |
| | Mesa College opens door to freshmen in bachelor's degree program, SDCCD News Center |
| | State senate approves bill expanding 4-year degrees at community colleges |
| | California's Baccalaureate - Association of Community College Trustees |
| San Diego Promise | San Diego Community College District (SDCCD) San Diego Promise |
| | Free Community College 'Promise' pilot program approved, SDCCD News Center |
| | Free community college pilot program launched, SDCCD News Center |
| | Leaders mobilize to expand tuition-free community college, SDCCD News Center |
| | San Diego Promise a lifeline to students in need, SDCCD News Center |
| Social Media/Communication Trends | San Diego Miramar College Facebook |
| | San Diego Miramar College Instagram |
| | San Diego Miramar College Pinterest |
| | San Diego Miramar College Twitter |
| | San Diego Miramar College YouTube |