

Florida, California and Texas Dominate Future Population Growth, While Michigan's Slow Growth Moves It Out of the Top 10

Three states — Florida, California and Texas — are projected to account for nearly one-half (46 percent) of the total U.S. population growth of 82 million persons between 2000 and 2030, according to Census Bureau state population projections released today. Florida, now the fourth most populous state, would edge past New York into third place in total population by 2011; California and Texas would continue to rank first and second, respectively, in 2030. Rounding out the top 5 gainers are Arizona and North Carolina. Top five fastest-growing states between 2000 and 2030 would be Nevada (114 percent), Arizona (109 percent), Florida (80 percent), Texas (60 percent) and Utah (56 percent). Only West Virginia, North Dakota and the District of Columbia are projected to lose population over this period. (See Table 1)

Michigan is projected to gain 755,728 residents over the 30-year period. This increase places it 21st among the 50 States and District of Columbia. The 7.6 percent population increase that this represents ranks 40th. Further analysis of Michigan's projections shows that the Census Bureau expects a slowing of growth over the 30-year period, culminating in losses between 2025 and 2030¹. The 5-year population change rates projected for Michigan, starting with 2000-2005 are: 2.7%; 2.2%; 1.6%; 0.9%; 0.2%; and -0.2%. The results of these changes on Michigan's ranking among the States are shown in Table 2. Michigan is expected to hold on to its ranking of 8th through 2015. By 2020, North Carolina and Georgia will have surpassed Michigan, thus moving it to 10th place. There it is expected to remain until Arizona pushes it out of the top 10 between 2025 and 2030.

In 2000, each of the nation's 50 states had more people under 18 than 65 and older. In fact, in about half of the states, the ratio was more than two to one. In 2030, 10 states are projected to have more people 65 and older than under 18: Florida, Delaware, Maine, Montana, New Mexico, North Dakota, Pennsylvania, Vermont, West Virginia and Wyoming.

While Michigan will not see its 65 and older population surpass its youth (under 18 years) population, the gap between the two will narrow considerably. While the under 18 population is projected to decrease by 6 percent over the 30-year period, the 65 and older population will increase by 70.7 percent. This will lower the ratio between the groups from 2.1:1 in 2000 to 1.2:1 in 2030. The ratio of the population 18-64 years (often termed the working-age population) to the under 18 and 65 and over is termed the *support ratio*. The term assumes that the two age groups at the ends of the spectrum are by and large not working² and, thus, must be supported by the working-age group. A low ratio translates to more stress on a state's budget as the need for youth and elder services

¹ This tracks with the recent forecast for Southeast Michigan by SEMCOG, contained in the report **Migration and Its Impact on Southeast Michigan, 1990-2003**.

² Recent trends have shown that a large number of youth are working (though not supporting themselves) while increasing numbers of persons 65 years and older are remaining in the workforce, in both full- and part-time positions.

Table 1. Interim Population Projections for States, 2000 - 2030

| Geographic Area | Census 2000 | Projections July 1, 2005 | Projections July 1, 2010 | Projections July 1, 2015 | Projections July 1, 2020 | Projections July 1, 2025 | Projections July 1, 2030 |
|------------------------|--------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| United States | 281,421,906 | 295,507,134 | 308,935,581 | 322,365,787 | 335,804,546 | 349,439,199 | 363,584,435 |
| Alabama | 4,447,100 | 4,527,166 | 4,596,330 | 4,663,111 | 4,728,915 | 4,800,092 | 4,874,243 |
| Alaska | 626,932 | 661,110 | 694,109 | 732,544 | 774,421 | 820,881 | 867,674 |
| Arizona | 5,130,632 | 5,868,004 | 6,637,381 | 7,495,238 | 8,456,448 | 9,531,537 | 10,712,397 |
| Arkansas | 2,673,400 | 2,777,007 | 2,875,039 | 2,968,913 | 3,060,219 | 3,151,005 | 3,240,208 |
| California | 33,871,648 | 36,038,859 | 38,067,134 | 40,123,232 | 42,206,743 | 44,305,177 | 46,444,861 |
| Colorado | 4,301,261 | 4,617,962 | 4,831,554 | 5,049,493 | 5,278,867 | 5,522,803 | 5,792,357 |
| Connecticut | 3,405,565 | 3,503,185 | 3,577,490 | 3,635,414 | 3,675,650 | 3,691,016 | 3,688,630 |
| Delaware | 783,600 | 836,687 | 884,342 | 927,400 | 963,209 | 990,694 | 1,012,658 |
| District of Columbia | 572,059 | 551,136 | 529,785 | 506,323 | 480,540 | 455,108 | 433,414 |
| Florida | 15,982,378 | 17,509,827 | 19,251,691 | 21,204,132 | 23,406,525 | 25,912,458 | 28,685,769 |
| Georgia | 8,186,453 | 8,925,796 | 9,589,080 | 10,230,578 | 10,843,753 | 11,438,622 | 12,017,838 |
| Hawaii | 1,211,537 | 1,276,552 | 1,340,674 | 1,385,952 | 1,412,373 | 1,438,720 | 1,466,046 |
| Idaho | 1,293,953 | 1,407,060 | 1,517,291 | 1,630,045 | 1,741,333 | 1,852,627 | 1,969,624 |
| Illinois | 12,419,293 | 12,699,336 | 12,916,894 | 13,097,218 | 13,236,720 | 13,340,507 | 13,432,892 |
| Indiana | 6,080,485 | 6,249,617 | 6,392,139 | 6,517,631 | 6,627,008 | 6,721,322 | 6,810,108 |
| Iowa | 2,926,324 | 2,973,700 | 3,009,907 | 3,026,380 | 3,020,496 | 2,993,222 | 2,955,172 |
| Kansas | 2,688,418 | 2,751,509 | 2,805,470 | 2,852,690 | 2,890,566 | 2,919,002 | 2,940,084 |
| Kentucky | 4,041,769 | 4,163,360 | 4,265,117 | 4,351,188 | 4,424,431 | 4,489,662 | 4,554,998 |
| Louisiana | 4,468,976 | 4,534,310 | 4,612,679 | 4,673,721 | 4,719,160 | 4,762,398 | 4,802,633 |
| Maine | 1,274,923 | 1,318,557 | 1,357,134 | 1,388,878 | 1,408,665 | 1,414,402 | 1,411,097 |
| Maryland | 5,296,486 | 5,600,563 | 5,904,970 | 6,208,392 | 6,497,626 | 6,762,732 | 7,022,251 |
| Massachusetts | 6,349,097 | 6,518,868 | 6,649,441 | 6,758,580 | 6,855,546 | 6,938,636 | 7,012,009 |
| Michigan | 9,938,444 | 10,207,421 | 10,428,683 | 10,599,122 | 10,695,993 | 10,713,730 | 10,694,172 |
| Minnesota | 4,919,479 | 5,174,743 | 5,420,636 | 5,668,211 | 5,900,769 | 6,108,787 | 6,306,130 |
| Mississippi | 2,844,658 | 2,915,696 | 2,971,412 | 3,014,409 | 3,044,812 | 3,069,420 | 3,092,410 |
| Missouri | 5,595,211 | 5,765,166 | 5,922,078 | 6,069,556 | 6,199,882 | 6,315,366 | 6,430,173 |
| Montana | 902,195 | 933,005 | 968,598 | 999,489 | 1,022,735 | 1,037,387 | 1,044,898 |
| Nebraska | 1,711,263 | 1,744,370 | 1,768,997 | 1,788,508 | 1,802,678 | 1,812,787 | 1,820,247 |
| Nevada | 1,998,257 | 2,352,086 | 2,690,531 | 3,058,190 | 3,452,283 | 3,863,298 | 4,282,102 |
| New Hampshire | 1,235,786 | 1,314,821 | 1,385,560 | 1,456,679 | 1,524,751 | 1,586,348 | 1,646,471 |
| New Jersey | 8,414,350 | 8,745,279 | 9,018,231 | 9,255,769 | 9,461,635 | 9,636,644 | 9,802,440 |
| New Mexico | 1,819,046 | 1,902,057 | 1,980,225 | 2,041,539 | 2,084,341 | 2,106,584 | 2,099,708 |
| New York | 18,976,457 | 19,258,082 | 19,443,672 | 19,546,699 | 19,576,920 | 19,540,179 | 19,477,429 |
| North Carolina | 8,049,313 | 8,702,410 | 9,345,823 | 10,010,770 | 10,709,289 | 11,449,153 | 12,227,739 |
| North Dakota | 642,200 | 635,468 | 636,623 | 635,133 | 630,112 | 620,777 | 606,566 |
| Ohio | 11,353,140 | 11,477,557 | 11,576,181 | 11,635,446 | 11,644,058 | 11,605,738 | 11,550,528 |
| Oklahoma | 3,450,654 | 3,521,379 | 3,591,516 | 3,661,694 | 3,735,690 | 3,820,994 | 3,913,251 |
| Oregon | 3,421,399 | 3,596,083 | 3,790,996 | 4,012,924 | 4,260,393 | 4,536,418 | 4,833,918 |
| Pennsylvania | 12,281,054 | 12,426,603 | 12,584,487 | 12,710,938 | 12,787,354 | 12,801,945 | 12,768,184 |
| Rhode Island | 1,048,319 | 1,086,575 | 1,116,652 | 1,139,543 | 1,154,230 | 1,157,855 | 1,152,941 |
| South Carolina | 4,012,012 | 4,239,310 | 4,446,704 | 4,642,137 | 4,822,577 | 4,989,550 | 5,148,569 |
| South Dakota | 754,844 | 771,803 | 786,399 | 796,954 | 801,939 | 801,845 | 800,462 |
| Tennessee | 5,689,283 | 5,965,317 | 6,230,852 | 6,502,017 | 6,780,670 | 7,073,125 | 7,380,634 |
| Texas | 20,851,820 | 22,775,044 | 24,648,888 | 26,585,801 | 28,634,896 | 30,865,134 | 33,317,744 |
| Utah | 2,233,169 | 2,417,998 | 2,595,013 | 2,783,040 | 2,990,094 | 3,225,680 | 3,485,367 |
| Vermont | 608,827 | 630,979 | 652,512 | 673,169 | 690,686 | 703,288 | 711,867 |
| Virginia | 7,078,515 | 7,552,581 | 8,010,245 | 8,466,864 | 8,917,395 | 9,364,304 | 9,825,019 |
| Washington | 5,894,121 | 6,204,632 | 6,541,963 | 6,950,610 | 7,432,136 | 7,996,400 | 8,624,801 |
| West Virginia | 1,808,344 | 1,818,887 | 1,829,141 | 1,822,758 | 1,801,112 | 1,766,435 | 1,719,959 |
| Wisconsin | 5,363,675 | 5,554,343 | 5,727,426 | 5,882,760 | 6,004,954 | 6,088,374 | 6,150,764 |
| Wyoming | 493,782 | 507,268 | 519,886 | 528,005 | 530,948 | 529,031 | 522,979 |

Table 2. Ranking of States by Population, 2000 - 2030

| State | 2000 | 2005 | 2010 | 2015 | 2020 | 2025 | 2030 |
|-----------------|----------|----------|----------|----------|-----------|-----------|-----------|
| California | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Texas | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Florida | 4 | 4 | 4 | 3 | 3 | 3 | 3 |
| New York | 3 | 3 | 3 | 4 | 4 | 4 | 4 |
| Illinois | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Pennsylvania | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| North Carolina | 11 | 11 | 10 | 10 | 9 | 8 | 7 |
| Georgia | 10 | 9 | 9 | 9 | 8 | 9 | 8 |
| Ohio | 7 | 7 | 7 | 7 | 7 | 7 | 9 |
| Arizona | 20 | 17 | 14 | 13 | 13 | 12 | 10 |
| Michigan | 8 | 8 | 8 | 8 | 10 | 10 | 11 |

rises relative to the income tax revenue generated by the state's workforce. Michigan's working-age population accounts for 61.6 percent of its population in 2000 (a support ratio of 1.6) and ranks 31st in the country. The good news is that this share is expected to increase to 63.4 percent in 2010 (a support ratio of 1.73), tying it for 19th place with Kentucky. While all shares will decline after 2011, as the baby boom generation begins to reach the age of 65, Michigan's will fall less than 6 percentage points to 57.8 percent (a support ratio of 1.37). This will result in Michigan's ranking rising to 8th, tied with New Jersey and Illinois.

Table 3. States Ranked by Percent Working-Age Population in 2030

| State | 2000 | 2010 | 2030 |
|----------------------|-------------|-------------|-------------|
| United States | 61.9 | 62.9 | 56.8 |
| District of Columbia | 67.7 | 66.9 | 63.4 |
| Washington | 63.1 | 65.1 | 59.1 |
| Oregon | 62.5 | 64.2 | 58.6 |
| California | 62.1 | 63.5 | 58.4 |
| Colorado | 64.7 | 64.7 | 58.2 |
| Georgia | 63.9 | 63.7 | 57.9 |
| Maryland | 63.1 | 64.0 | 57.9 |
| New Jersey | 62.0 | 63.2 | 57.8 |
| Michigan | 61.6 | 63.4 | 57.8 |
| Illinois | 61.8 | 62.9 | 57.8 |
| New York | 62.4 | 63.6 | 57.7 |

Table 4 completes the analysis by looking at projected trends by age in Michigan over the next 30 years. It becomes quite apparent that, even though our support ratio is not anticipated to change drastically, our population is definitely aging, and our working-age population in 2030 will be older than it is in 2000. While some age groups experience

“growth spurts” during the 30-year period, the overall trend shows that all age groups less than 45 years of age will experience losses between now and 2030, with only the groups over 45 years of age showing growth. Most important for planning – being it active retirement villages, assisted living centers, geriatric training, etc. – is the fact that the population 65 years and over is projected to increase by 70.7 percent, with the population 85 years and over more than doubling.

It is not too early for the State to be looking at these trends and planning for them. No forecasts are “set in stone.” The aging of the population is inevitable, but Michigan can work to change the expectations for younger workers by developing the economic and cultural climate that will be attractive to them as we move toward 2030.

Table 4. Michigan Population Projections by Age, 2000 – 2030

| | 2000 | 2005 | 2010 | 2015 | 2020 | 2025 | 2030 | 2000 - 2010 | 2000 - 2020 | 2000 - 2030 |
|-------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------|-------------|-------------|
| Total | 9,938,444 | 10,207,421 | 10,428,683 | 10,599,122 | 10,695,993 | 10,713,730 | 10,694,172 | 4.9% | 7.6% | 7.6% |
| Under 5 years | 672,005 | 664,482 | 681,154 | 697,665 | 686,660 | 669,206 | 660,794 | 1.4% | 2.2% | -1.7% |
| 5 to 13 years | 1,344,979 | 1,280,119 | 1,230,833 | 1,231,785 | 1,260,622 | 1,253,119 | 1,222,371 | -8.5% | -6.3% | -9.1% |
| 14 to 17 years | 578,783 | 610,721 | 575,071 | 549,473 | 531,982 | 549,549 | 550,164 | -0.6% | -8.1% | -4.9% |
| 18 to 24 years | 932,137 | 985,474 | 1,013,270 | 975,026 | 913,222 | 885,599 | 897,581 | 8.7% | -2.0% | -3.7% |
| 25 to 44 years | 2,960,544 | 2,847,836 | 2,809,069 | 2,824,255 | 2,855,660 | 2,812,329 | 2,716,612 | -5.1% | -3.5% | -8.2% |
| 45 to 64 years | 2,230,978 | 2,573,145 | 2,784,795 | 2,814,062 | 2,736,371 | 2,617,532 | 2,565,925 | 24.8% | 22.7% | 15.0% |
| 65 years and over | 1,219,018 | 1,245,644 | 1,334,491 | 1,506,856 | 1,711,476 | 1,926,396 | 2,080,725 | 9.5% | 40.4% | 70.7% |
| Under 15 years | 2,164,198 | 2,102,231 | 2,053,193 | 2,070,009 | 2,083,265 | 2,062,861 | 2,022,073 | -5.1% | -3.7% | -6.6% |
| 16 years and over | 7,628,170 | 7,946,639 | 8,231,741 | 8,391,601 | 8,478,624 | 8,511,825 | 8,533,755 | 7.9% | 11.1% | 11.9% |
| 18 years and over | 932,137 | 985,474 | 1,013,270 | 975,026 | 913,222 | 885,599 | 897,581 | 8.7% | -2.0% | -3.7% |
| 21 years and over | 6,914,135 | 7,227,556 | 7,489,009 | 7,713,865 | 7,820,561 | 7,856,546 | 7,863,571 | 8.3% | 13.1% | 13.7% |
| 62 years and over | 1,436,729 | 1,508,594 | 1,654,316 | 1,861,994 | 2,102,925 | 2,305,951 | 2,420,447 | 15.1% | 46.4% | 68.5% |
| 85 years and over | 142,460 | 173,113 | 205,188 | 225,643 | 231,805 | 246,421 | 287,089 | 44.0% | 62.7% | 101.5% |

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