Economic Overview
Maine

June 10, 2019





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# Demographic Profile

The population in Maine was 1,330,158 per American Community Survey data for 2013-2017.

The region has a civilian labor force of 695,483 with a participation rate of 63.1%. Of individuals 25 to 64 in Maine, 30.9% have a bachelor’s degree or higher which compares with 32.3% in the nation.

The median household income in Maine is $53,024 and the median house value is $179,900.

| **Summary1** |
| --- |
|  | **Percent** | **Value** |
|  | **Maine** | **Maine** | **USA** | **Maine** | **Maine** | **USA** |
| **Demographics** |
| Population (ACS) | — | — | — | 1,330,158 | 1,330,158 | 321,004,407 |
| Male | 48.9% | 48.9% | 49.2% | 651,040 | 651,040 | 158,018,753 |
| Female | 51.1% | 51.1% | 50.8% | 679,118 | 679,118 | 162,985,654 |
| Median Age2 | — | — | — | 44.3 | 44.3 | 37.8 |
| Under 18 Years | 19.3% | 19.3% | 22.9% | 256,827 | 256,827 | 73,601,279 |
| 18 to 24 Years | 8.4% | 8.4% | 9.7% | 112,245 | 112,245 | 31,131,484 |
| 25 to 34 Years | 11.6% | 11.6% | 13.7% | 153,745 | 153,745 | 44,044,173 |
| 35 to 44 Years | 11.6% | 11.6% | 12.7% | 154,004 | 154,004 | 40,656,419 |
| 45 to 54 Years | 14.7% | 14.7% | 13.4% | 195,412 | 195,412 | 43,091,143 |
| 55 to 64 Years | 15.6% | 15.6% | 12.7% | 207,794 | 207,794 | 40,747,520 |
| 65 to 74 Years | 11.0% | 11.0% | 8.6% | 145,926 | 145,926 | 27,503,389 |
| 75 Years, and Over | 7.8% | 7.8% | 6.3% | 104,205 | 104,205 | 20,229,000 |
| Race: White | 94.6% | 94.6% | 73.0% | 1,258,918 | 1,258,918 | 234,370,202 |
| Race: Black or African American | 1.3% | 1.3% | 12.7% | 16,906 | 16,906 | 40,610,815 |
| Race: American Indian and Alaska Native | 0.6% | 0.6% | 0.8% | 8,212 | 8,212 | 2,632,102 |
| Race: Asian | 1.1% | 1.1% | 5.4% | 14,804 | 14,804 | 17,186,320 |
| Race: Native Hawaiian and Other Pacific Islander | 0.0% | 0.0% | 0.2% | 249 | 249 | 570,116 |
| Race: Some Other Race | 0.2% | 0.2% | 4.8% | 2,967 | 2,967 | 15,553,808 |
| Race: Two or More Races | 2.1% | 2.1% | 3.1% | 28,102 | 28,102 | 10,081,044 |
| Hispanic or Latino (of any race) | 1.5% | 1.5% | 17.6% | 20,427 | 20,427 | 56,510,571 |
| **Population Growth** |
| Population (Pop Estimates)5 | — | — | — | 1,338,404 | 1,338,404 | 327,167,434 |
| Population Annual Average Growth5 | 0.1% | 0.1% | 0.7% | 790 | 790 | 2,307,347 |
| **Economic** |
| Labor Force Participation Rate and Size (civilian population 16 years and over) | 63.1% | 63.1% | 63.3% | 695,483 | 695,483 | 161,159,470 |
| Prime-Age Labor Force Participation Rate and Size (civilian population 25-54) | 82.6% | 82.6% | 81.6% | 414,633 | 414,633 | 103,761,701 |
| Armed Forces Labor Force | 0.2% | 0.2% | 0.4% | 1,859 | 1,859 | 1,024,855 |
| Veterans, Age 18-64 | 6.4% | 6.4% | 4.9% | 52,763 | 52,763 | 9,667,749 |
| Veterans Labor Force Participation Rate and Size, Age 18-64 | 74.3% | 74.3% | 75.8% | 39,214 | 39,214 | 7,326,514 |
| Median Household Income2 | — | — | — | $53,024 | $53,024 | $57,652 |
| Per Capita Income | — | — | — | $29,886 | $29,886 | $31,177 |
| Poverty Level (of all people) | 12.9% | 12.9% | 14.6% | 166,904 | 166,904 | 45,650,345 |
| Households Receiving Food Stamps/SNAP | 15.3% | 15.3% | 12.6% | 84,863 | 84,863 | 15,029,498 |
| Mean Commute Time (minutes) | — | — | — | 23.8 | 23.8 | 26.4 |
| Commute via Public Transportation | 0.6% | 0.6% | 5.1% | 4,142 | 4,142 | 7,607,907 |
| **Educational Attainment, Age 25-64** |
| No High School Diploma | 6.0% | 6.0% | 11.4% | 42,809 | 42,809 | 19,230,541 |
| High School Graduate | 31.2% | 31.2% | 26.0% | 222,157 | 222,157 | 43,784,920 |
| Some College, No Degree | 20.6% | 20.6% | 21.2% | 146,146 | 146,146 | 35,803,629 |
| Associate's Degree | 11.2% | 11.2% | 9.0% | 79,917 | 79,917 | 15,199,517 |
| Bachelor's Degree | 20.6% | 20.6% | 20.5% | 146,727 | 146,727 | 34,602,913 |
| Postgraduate Degree | 10.3% | 10.3% | 11.8% | 73,199 | 73,199 | 19,917,735 |
| **Housing** |
| Total Housing Units | — | — | — | 735,711 | 735,711 | 135,393,564 |
| Median House Value (of owner-occupied units)2 | — | — | — | $179,900 | $179,900 | $193,500 |
| Homeowner Vacancy | 1.9% | 1.9% | 1.7% | 7,748 | 7,748 | 1,346,331 |
| Rental Vacancy | 6.8% | 6.8% | 6.1% | 11,500 | 11,500 | 2,838,344 |
| Renter-Occupied Housing Units (% of Occupied Units) | 28.0% | 28.0% | 36.2% | 154,919 | 154,919 | 42,992,786 |
| Occupied Housing Units with No Vehicle Available (% of Occupied Units) | 7.4% | 7.4% | 8.8% | 40,892 | 40,892 | 10,468,418 |
| **Social** |
| Enrolled in Grade 12 (% of total population) | 1.2% | 1.2% | 1.4% | 16,531 | 16,531 | 4,437,324 |
| Disconnected Youth4 | 1.9% | 1.9% | 2.7% | 1,246 | 1,246 | 456,548 |
| Children in Single Parent Families (% of all children) | 32.4% | 32.4% | 34.5% | 78,778 | 78,778 | 24,106,567 |
| With a Disability, Age 18-64 | 13.6% | 13.6% | 10.3% | 110,715 | 110,715 | 20,276,199 |
| With a Disability, Age 18-64, Labor Force Participation Rate and Size | 38.6% | 38.6% | 41.4% | 42,736 | 42,736 | 8,395,884 |
| Foreign Born | 3.6% | 3.6% | 13.4% | 47,556 | 47,556 | 43,028,127 |
| Speak English Less Than Very Well (population 5 yrs and over) | 1.6% | 1.6% | 8.5% | 20,084 | 20,084 | 25,654,421 |
| **Union Membership** |
| Total3 | 11.3% | 11.3% | 10.7% | — | — | — |
| Private Sector3 | 4.8% | 4.8% | 6.4% | — | — | — |
| Manufacturing3 | 11.0% | 11.0% | 8.7% | — | — | — |
| Public Sector3 | 45.5% | 45.5% | 35.1% | — | — | — |

Source: [JobsEQ®](http://www.chmuraecon.com/jobseq)

1. American Community Survey 2013-2017, unless noted otherwise

2. Median values for certain aggregate regions (such as MSAs) may be estimated as the weighted averages of the median values from the composing counties.

3. 2017; Current Population Survey, unionstats.com, and Chmura; county- and zip-level data are best estimates based upon industry-, MSA-, and state-level data

4. Disconnected Youth are 16-19 year olds who are (1) not in school, (2) not high school graduates, and (3) either unemployed or not in the labor force.

5. Census 2018, annual average growth rate since 2008

# Employment Trends

As of 2019Q1, total employment for Maine was 666,378 (based on a four-quarter moving average). Over the year ending 2019Q1, employment increased 0.1% in the region.



Employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2018Q3 with preliminary estimates updated to 2019Q1.

# Unemployment Rate

The seasonally adjusted unemployment rate for Maine was 3.0% as of April 2019. The regional unemployment rate was lower than the national rate of 3.7%. One year earlier, in April 2018, the unemployment rate in Maine was 3.2%.



Unemployment rate data are from the Local Area Unemployment Statistics, provided by the Bureau of Labor Statistics and updated through April 2019.

# Wage Trends

The average worker in Maine earned annual wages of $44,577 as of 2019Q1. Average annual wages per worker increased 2.7% in the region over the preceding four quarters. For comparison purposes, annual average wages were $55,825 in the nation as of 2019Q1.



Annual average wages per worker data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2018Q3 with preliminary estimates updated to 2019Q1.

# Cost of Living Index

The Cost of Living Index estimates the relative price levels for consumer goods and services. When applied to wages and salaries, the result is a measure of relative purchasing power. The cost of living is 11.1% higher in Maine than the U.S. average.

| **Cost of Living Information** |
| --- |
|  | **Annual Average Salary** | **Cost of Living Index (Base US)** | **US Purchasing Power** |
| Maine | $44,577 | 111.1 | $40,124 |
| Maine | $44,577 | 111.1 | $40,124 |
| USA | $55,825 | 100.0 | $55,825 |

Source: [JobsEQ®](http://www.chmuraecon.com/jobseq)

Data as of 2019Q1

Cost of Living per C2ER, data as of 2019q1, imputed by Chmura where necessary.

# Industry Snapshot

The largest sector in Maine is Health Care and Social Assistance, employing 112,921 workers. The next-largest sectors in the region are Retail Trade (84,233 workers) and Manufacturing (59,946). High location quotients (LQs) indicate sectors in which a region has high concentrations of employment compared to the national average. The sectors with the largest LQs in the region are Agriculture, Forestry, Fishing and Hunting (LQ = 1.62), Retail Trade (1.20), and Health Care and Social Assistance (1.18).



Employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2018Q3 with preliminary estimates updated to 2019Q1.

Sectors in Maine with the highest average wages per worker are Management of Companies and Enterprises ($78,997), Finance and Insurance ($74,009), and Utilities ($72,420). Regional sectors with the best job growth (or most moderate job losses) over the last 3 years are Accommodation and Food Services (+3,054 jobs), Professional, Scientific, and Technical Services (+2,065), and Manufacturing (+2,022).

Over the next 3 years, employment in Maine is projected to expand by 595 jobs. The fastest growing sector in the region is expected to be Health Care and Social Assistance with a +1.0% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Health Care and Social Assistance (+3,582 jobs), Professional, Scientific, and Technical Services (+541), and Administrative and Support and Waste Management and Remediation Services (+505).

|  | **Current** | **3-Year History** | **3-Year Forecast** |
| --- | --- | --- | --- |
|  | **Four Quarters Ending with 2019q1** | **Total Change** | **Avg Ann % Chg in Empl** |  | **Separations (Approximate)** | **---Growth---** |
| **NAICS** | **Industry** | **Empl** | **Avg Ann Wages** | **LQ** | **Empl** | **Region** | **Total New Demand** | **Exits** | **Transfers** | **Empl** | **Avg Ann Rate** |
| 11 | Agriculture, Forestry, Fishing and Hunting | 14,635 | $37,814 | 1.62 | 143 | 0.3% | 4,362 | 2,027 | 2,667 | -332 | -0.8% |
| 21 | Mining, Quarrying, and Oil and Gas Extraction | 256 | $57,475 | 0.09 | 43 | 6.3% | 67 | 25 | 52 | -9 | -1.2% |
| 22 | Utilities | 2,936 | $72,420 | 0.85 | -35 | -0.4% | 867 | 291 | 512 | 64 | 0.7% |
| 23 | Construction | 41,958 | $45,989 | 1.11 | 1,837 | 1.5% | 12,897 | 4,463 | 7,959 | 475 | 0.4% |
| 31 | Manufacturing | 59,946 | $57,779 | 1.09 | 2,022 | 1.2% | 15,955 | 6,808 | 11,608 | -2,462 | -1.4% |
| 42 | Wholesale Trade | 19,941 | $65,460 | 0.79 | -630 | -1.0% | 6,016 | 2,360 | 3,892 | -235 | -0.4% |
| 44 | Retail Trade | 84,233 | $29,052 | 1.20 | -915 | -0.4% | 32,402 | 14,803 | 18,697 | -1,098 | -0.4% |
| 48 | Transportation and Warehousing | 22,350 | $43,803 | 0.75 | 199 | 0.3% | 6,885 | 3,020 | 4,051 | -187 | -0.3% |
| 51 | Information | 8,294 | $51,025 | 0.64 | -384 | -1.5% | 2,166 | 871 | 1,518 | -224 | -0.9% |
| 52 | Finance and Insurance | 23,479 | $74,009 | 0.90 | 204 | 0.3% | 6,631 | 2,543 | 4,099 | -10 | 0.0% |
| 53 | Real Estate and Rental and Leasing | 9,288 | $45,333 | 0.81 | 515 | 1.9% | 2,775 | 1,292 | 1,533 | -49 | -0.2% |
| 54 | Professional, Scientific, and Technical Services | 31,887 | $69,767 | 0.72 | 2,065 | 2.3% | 8,801 | 3,097 | 5,163 | 541 | 0.6% |
| 55 | Management of Companies and Enterprises | 11,200 | $78,997 | 1.12 | 1,917 | 6.5% | 3,027 | 1,132 | 1,909 | -15 | 0.0% |
| 56 | Administrative and Support and Waste Management and Remediation Services | 35,009 | $36,223 | 0.81 | 844 | 0.8% | 12,682 | 5,172 | 7,005 | 505 | 0.5% |
| 61 | Educational Services | 59,580 | $42,571 | 1.09 | 1,157 | 0.7% | 16,645 | 7,966 | 8,569 | 110 | 0.1% |
| 62 | Health Care and Social Assistance | 112,921 | $48,358 | 1.18 | 1,528 | 0.5% | 35,848 | 15,853 | 16,413 | 3,582 | 1.0% |
| 71 | Arts, Entertainment, and Recreation | 13,696 | $24,752 | 1.03 | 1,105 | 2.8% | 5,861 | 2,592 | 3,177 | 91 | 0.2% |
| 72 | Accommodation and Food Services | 59,839 | $22,086 | 1.00 | 3,054 | 1.8% | 29,074 | 12,856 | 16,183 | 35 | 0.0% |
| 81 | Other Services (except Public Administration) | 25,581 | $29,996 | 0.88 | -70 | -0.1% | 8,573 | 3,969 | 4,722 | -118 | -0.2% |
| 92 | Public Administration | 26,825 | $51,786 | 0.85 | -172 | -0.2% | 6,829 | 3,114 | 4,219 | -503 | -0.6% |
| 99 | Unclassified | 2,524 | $55,485 | 2.69 | 1,999 | 68.8% | 970 | 367 | 502 | 101 | 1.3% |
|  | **Total - All Industries** | **666,378** | **$44,577** | **1.00** | **16,426** | **0.8%** | **218,820** | **93,530** | **124,695** | **595** | **0.0%** |

Source: [JobsEQ®](http://www.chmuraecon.com/jobseq)

Employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2018Q3 with preliminary estimates updated to 2019Q1. Forecast employment growth uses national projections adapted for regional growth patterns.

# Occupation Snapshot

The largest major occupation group in Maine is Office and Administrative Support Occupations, employing 94,694 workers. The next-largest occupation groups in the region are Sales and Related Occupations (66,268 workers) and Food Preparation and Serving Related Occupations (56,977). High location quotients (LQs) indicate occupation groups in which a region has high concentrations of employment compared to the national average. The major groups with the largest LQs in the region are Farming, Fishing, and Forestry Occupations (LQ = 1.62), Community and Social Service Occupations (1.19), and Healthcare Support Occupations (1.17).

Occupation groups in Maine with the highest average wages per worker are Management Occupations ($94,700), Legal Occupations ($78,700), and Healthcare Practitioners and Technical Occupations ($78,600). The unemployment rate in the region varied among the major groups from 1.5% among Life, Physical, and Social Science Occupations to 11.1% among Farming, Fishing, and Forestry Occupations.

Over the next 3 years, the fastest growing occupation group in Maine is expected to be Personal Care and Service Occupations with a +1.4% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Personal Care and Service Occupations (+1,358 jobs) and Healthcare Practitioners and Technical Occupations (+755). Over the same period, the highest separation demand (occupation demand due to retirements and workers moving from one occupation to another) is expected in Office and Administrative Support Occupations (30,871 jobs) and Food Preparation and Serving Related Occupations (29,066).

| **Occupation Snapshot in Maine, 2019q1** |
| --- |
|  | **Current** | **3-Year History** | **3-Year Forecast** |
|  | **Four Quarters Ending with 2019q1** | **-----2019q1-----** |  | **Total Change** | **Avg Ann % Chg in Empl** |  | **--Separations--** | **---Growth---** |
| **SOC** | **Occupation** | **Empl** | **Avg Ann Wages1** | **LQ** | **Unempl** | **Unempl Rate** | **Online Job Ads2** | **Empl** | **Region** | **Total New Demand** | **Exits** | **Transfer** | **Empl** | **Avg Ann Rate** |
| 11-0000 | Management | 43,346 | $94,700 | 1.07 | 789 | 1.8% | 2,156 | 1,125 | 0.9% | 10,271 | 3,600 | 6,437 | 234 | 0.2% |
| 13-0000 | Business and Financial Operations | 27,310 | $66,100 | 0.79 | 699 | 2.5% | 1,604 | 1,049 | 1.3% | 7,369 | 2,434 | 4,806 | 130 | 0.2% |
| 15-0000 | Computer and Mathematical | 13,510 | $75,500 | 0.68 | 304 | 2.3% | 1,610 | 984 | 2.6% | 2,966 | 712 | 1,986 | 268 | 0.7% |
| 17-0000 | Architecture and Engineering | 10,188 | $77,700 | 0.89 | 252 | 2.4% | 361 | 620 | 2.1% | 2,216 | 779 | 1,423 | 14 | 0.0% |
| 19-0000 | Life, Physical, and Social Science | 5,000 | $65,200 | 0.92 | 76 | 1.5% | 320 | 197 | 1.3% | 1,321 | 383 | 916 | 23 | 0.2% |
| 21-0000 | Community and Social Service | 12,916 | $47,000 | 1.19 | 220 | 1.7% | 2,052 | -133 | -0.3% | 4,690 | 1,602 | 2,695 | 393 | 1.0% |
| 23-0000 | Legal | 4,310 | $78,700 | 0.79 | 81 | 1.8% | 90 | 23 | 0.2% | 833 | 325 | 478 | 30 | 0.2% |
| 25-0000 | Education, Training, and Library | 41,119 | $48,800 | 1.10 | 787 | 1.9% | 1,458 | 975 | 0.8% | 10,838 | 5,359 | 5,155 | 324 | 0.3% |
| 27-0000 | Arts, Design, Entertainment, Sports, and Media | 11,423 | $42,200 | 0.96 | 336 | 2.9% | 534 | 172 | 0.5% | 3,233 | 1,395 | 1,890 | -51 | -0.2% |
| 29-0000 | Healthcare Practitioners and Technical | 42,286 | $78,600 | 1.12 | 711 | 1.6% | 4,795 | 539 | 0.4% | 7,447 | 3,372 | 3,319 | 755 | 0.6% |
| 31-0000 | Healthcare Support | 21,789 | $30,300 | 1.17 | 651 | 2.9% | 1,659 | 193 | 0.3% | 8,324 | 3,859 | 3,749 | 717 | 1.1% |
| 33-0000 | Protective Service | 10,333 | $39,100 | 0.72 | 490 | 4.4% | 453 | 68 | 0.2% | 3,168 | 1,598 | 1,677 | -108 | -0.3% |
| 35-0000 | Food Preparation and Serving Related | 56,977 | $25,300 | 1.00 | 3,971 | 6.4% | 3,353 | 3,012 | 1.8% | 29,264 | 12,878 | 16,188 | 198 | 0.1% |
| 37-0000 | Building and Grounds Cleaning and Maintenance | 26,139 | $29,300 | 1.13 | 2,014 | 7.2% | 1,508 | 807 | 1.1% | 9,841 | 4,703 | 5,023 | 114 | 0.1% |
| 39-0000 | Personal Care and Service | 31,386 | $26,100 | 1.11 | 1,219 | 3.8% | 943 | 1,300 | 1.4% | 15,731 | 7,607 | 6,765 | 1,358 | 1.4% |
| 41-0000 | Sales and Related | 66,268 | $34,700 | 0.99 | 3,532 | 5.0% | 5,993 | -295 | -0.1% | 26,303 | 11,837 | 15,133 | -667 | -0.3% |
| 43-0000 | Office and Administrative Support | 94,694 | $35,800 | 0.98 | 3,841 | 3.9% | 4,531 | 1,748 | 0.6% | 29,228 | 14,241 | 16,630 | -1,643 | -0.6% |
| 45-0000 | Farming, Fishing, and Forestry | 7,016 | $34,100 | 1.62 | 843 | 11.1% | 90 | 279 | 1.4% | 2,375 | 710 | 1,879 | -214 | -1.0% |
| 47-0000 | Construction and Extraction | 34,332 | $41,900 | 1.11 | 2,236 | 6.2% | 898 | 1,305 | 1.3% | 10,520 | 3,641 | 6,640 | 239 | 0.2% |
| 49-0000 | Installation, Maintenance, and Repair | 26,388 | $44,700 | 1.03 | 816 | 3.0% | 1,328 | 744 | 1.0% | 7,283 | 2,706 | 4,682 | -105 | -0.1% |
| 51-0000 | Production | 40,780 | $39,400 | 1.01 | 1,770 | 4.2% | 1,011 | 847 | 0.7% | 11,531 | 4,820 | 8,160 | -1,448 | -1.2% |
| 53-0000 | Transportation and Material Moving | 38,868 | $34,100 | 0.85 | 1,977 | 4.9% | 2,048 | 868 | 0.8% | 13,370 | 5,580 | 8,016 | -226 | -0.2% |
|  | **Total - All Occupations** | **666,378** | **$45,000** | **1.00** | **n/a** | **n/a** | **38,795** | **16,426** | **0.8%** | **218,378** | **94,141** | **123,647** | **590** | **0.0%** |

Source: [JobsEQ®](http://www.chmuraecon.com/jobseq)

Data as of 2019Q1 unless noted otherwise

Note: Figures may not sum due to rounding.

1. Occupation wages are as of 2017 and should be taken as the average for all Covered Employment

2. Data represent found online ads active within the last thirty days in the selected region; data represents a sampling rather than the complete universe of postings. Ads lacking zip code information but designating a place (city, town, etc.) may be assigned to the zip code with greatest employment in that place for queries in this analytic. Due to alternative county-assignment algorithms, ad counts in this analytic may not match that shown in RTI (nor in the popup window ad list).

Occupation employment data are estimated via industry employment data and the estimated industry/occupation mix. Industry employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and currently updated through 2018Q3, imputed where necessary with preliminary estimates updated to 2019Q1. Wages by occupation are as of 2017 provided by the BLS and imputed where necessary. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.

# Industry Clusters

A cluster is a geographic concentration of interrelated industries or occupations. The industry cluster in Maine with the highest relative concentration is Wood/Paper with a location quotient of 2.52. This cluster employs 13,640 workers in the region with an average wage of $48,945. Employment in the Wood/Paper cluster is projected to contract in the region about 2.1% per year over the next ten years.



Location quotient and average wage data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics, imputed where necessary, and updated through 2018Q3 with preliminary estimates updated to 2019Q1. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.

# Education Levels

Expected growth rates for occupations vary by the education and training required. While all employment in Maine is projected to grow 0.0% over the next ten years, occupations typically requiring a postgraduate degree are expected to grow 0.7% per year, those requiring a bachelor’s degree are forecast to grow 0.3% per year, and occupations typically needing a 2-year degree or certificate are expected to grow 0.3% per year.



Employment by occupation data are estimates are as of 2019Q1. Education levels of occupations are based on BLS assignments. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.

# Gross Domestic Product

Gross Domestic Product (GDP) is the total value of goods and services produced by a region. In 2017, nominal GDP in Maine expanded 3.2%. This follows growth of 3.9% in 2016. As of 2017, total GDP in Maine was $61,404,000,000.



Gross Domestic Product data are provided by the Bureau of Economic Analysis, imputed by Chmura where necessary, updated through 2017.

Of the sectors in Maine, Real Estate and Rental and Leasing contributed the largest portion of GDP in 2017, $9,102,416,000 The next-largest contributions came from Health Care and Social Assistance ($7,532,223,000); Manufacturing ($6,697,986,000); and Retail Trade ($5,124,514,000).



Gross Domestic Product data are provided by the Bureau of Economic Analysis, imputed by Chmura where necessary, updated through 2017.

# FAQ

**What is a location quotient?**

A location quotient (LQ) is a measurement of concentration in comparison to the nation. An LQ of 1.00 indicates a region has the same concentration of an industry (or occupation) as the nation. An LQ of 2.00 would mean the region has twice the expected employment compared to the nation and an LQ of 0.50 would mean the region has half the expected employment in comparison to the nation.

**What is separation demand?**

Separation demand is the number of jobs required due to separations—labor force exits (including retirements) and turnover resulting from workers moving from one occupation into another. Note that separation demand does not include all turnover—it does not include when workers stay in the same occupation but switch employers. The total projected demand for an occupation is the sum of the separation demand and the growth demand (which is the increase or decrease of jobs in an occupation expected due to expansion or contraction of the overall number of jobs in that occupation).

**What is a cluster?**

A cluster is a geographic concentration of interrelated industries or occupations. If a regional cluster has a location quotient of 1.25 or greater, the region is considered to possess a *competitive advantage* in that cluster.

**What is the difference between industry wages and occupation wages?**

Industry wages and occupation wages are estimated via separate data sets, often the time periods being reported do not align, and wages are defined slightly differently in the two systems (for example, certain bonuses are included in the industry wages but not the occupation wages). It is therefore common that estimates of the average industry wages and average occupation wages in a region do not match exactly.

**What is NAICS?**

The North American Industry Classification System (NAICS) is used to classify business establishments according to the type of economic activity. The NAICS Code comprises six levels, from the “all industry” level to the 6-digit level. The first two digits define the top level category, known as the “sector,” which is the level examined in this report.

**What is SOC?**

The Standard Occupational Classification system (SOC) is used to classify workers into occupational categories. All workers are classified into one of over 820 occupations according to their occupational definition. To facilitate classification, occupations are combined to form 23 major groups, 96 minor groups, and 449 occupation groups. Each occupation group includes detailed occupations requiring similar job duties, skills, education, or experience.

#### About This Report

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