THE ECONOMICS AND DEMOGRAPHICS OF MAINE

PPM 611: Economics and Public Policy
Muskie School of Public Service

September 11, 2019

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Department of Administrative and Financial Services
Demographics
Total Population, Maine

2018 estimate: 1,338,404

Sources: U.S. Census Bureau; State Economist population projections
Three counties had peak decennial population in a year other than 2010:

- Aroostook: 1960
- Piscataquis: 1920
- Washington: 1900
Total Population, Regions of Maine

Sources: U.S. Census Bureau; State Economist population projections
Maine: A Demographic Snapshot

  - 42nd largest in US

- 2010 – 2018 Population Change: +0.8%
  - 42nd in US (ahead of WV, IL, CT, VT, RI, MS, NY, PA)

- 2018 Median age: 44.9 years
  - Oldest in US

- 93.1% White, Non-Hispanic
  - Highest percentage in US

Source: U.S. Census Bureau, Population Estimates Program
Median Age

Maine statewide median = 44.9 years

Source: U.S. Census Bureau, 2018 Population Estimates
The Baby Boom Wave

Source: U.S. Census Bureau, Decennial Censuses and State Economist population projections
Births and Deaths per year in Maine

Sources: Maine Office of Data, Research, and Vital Statistics; U.S. Census Bureau Population Estimates Program
### 2017 State-to-State Migration Patterns

<table>
<thead>
<tr>
<th>Moved to Maine from:</th>
<th>Moved from Maine to:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Massachusetts</td>
<td>Massachusetts</td>
</tr>
<tr>
<td>7,567</td>
<td>4,099</td>
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<td>New Hampshire</td>
<td>New Hampshire</td>
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<tr>
<td>4,274</td>
<td>3,950</td>
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<td>Florida</td>
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<td>3,059</td>
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<td>New York</td>
<td>California</td>
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<td>2,478</td>
<td>2,578</td>
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<tr>
<td>Connecticut</td>
<td>New York</td>
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<tr>
<td>1,690</td>
<td>1,611</td>
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<td>Pennsylvania</td>
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<td>1,629</td>
<td>1,156</td>
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<tr>
<td>California</td>
<td>Virginia</td>
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<tr>
<td>1,578</td>
<td>1,135</td>
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<tr>
<td>Georgia</td>
<td>North Carolina</td>
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<tr>
<td>1,241</td>
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<td>Virginia</td>
<td>Wisconsin</td>
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<tr>
<td>1,162</td>
<td>904</td>
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<tr>
<td>North Carolina</td>
<td>Texas</td>
</tr>
<tr>
<td>1,074</td>
<td>648</td>
</tr>
</tbody>
</table>

Source: U.S. Census Bureau, 2017 American Community Survey 1-year estimates
Annual Domestic Migration Rate by Age, 2017

Source: U.S. Census Bureau, 2017 American Community Survey 1-year estimates
Who are the people moving to Maine?

- Educational attainment
  - High School Graduate: net gain of 457
  - Some College or Associate’s: +2,555
  - Bachelor’s Degree: +2,966
  - Graduate or Professional Degree: +1,896

Source: U.S. Census Bureau, 2017 American Community Survey 1-year estimates
Percent of Population Age 25+ with a Bachelor's Degree or Higher

Source: U.S. Census Bureau, Decennial Census and American Community Survey 1-year estimates
Percent of Population Age 25+ with a Graduate or Professional Degree

Source: U.S. Census Bureau, Decennial Census and American Community Survey 1-year estimates
Labor Force and Employment
Projected Population Change and Participation Rates by Age Group in Maine

Maine Civilian Labor Force

Source: Maine Department of Labor
Monthly Unemployment Rate
(Seasonally Adjusted)

Source: Maine Department of Labor, Center for Workforce Research and Information
Total Nonfarm Employment (in thousands)
History and CEFC forecast

Pre-recession peak (2007)

New record high (2018)

Sources: Maine Department of Labor and Consensus Economic Forecasting Commission report, April 1, 2019
Revisions to CEFC Forecast of Total Nonfarm Employment (in thousands)

Source: Consensus Economic Forecasting Commission reports
Maine Wage and Salary Employment by Industry (in thousands)
Maine Wage and Salary Employment by Industry

Sources: Maine Department of Labor, Center for Workforce Research and Information
Income and GDP
Percent Change in Real Personal Income, Maine
2009-2017 and forecast to 2023

Sources: U.S. Bureau of Labor Statistics; U.S. Bureau of Economic Analysis; CEFC report, April 1, 2019
Major Components of Personal Income, 2017

- Wages and salaries
- Personal current transfer receipts
- Dividends, interest, and rent
- Supplements to wages and salaries
- Proprietors' income

Piscataquis:
- Wages and salaries: 33%
- Personal current transfer receipts: 34%
- Dividends, interest, and rent: 18%
- Supplements to wages and salaries: 10%
- Proprietors' income: 6%

Lincoln:
- Wages and salaries: 28%
- Personal current transfer receipts: 25%
- Dividends, interest, and rent: 29%
- Supplements to wages and salaries: 7%
- Proprietors' income: 10%

York:
- Wages and salaries: 39%
- Personal current transfer receipts: 21%
- Dividends, interest, and rent: 20%
- Supplements to wages and salaries: 11%
- Proprietors' income: 9%

Cumberland:
- Wages and salaries: 51%
- Personal current transfer receipts: 13%
- Dividends, interest, and rent: 18%
- Supplements to wages and salaries: 11%
- Proprietors' income: 7%

Maine:
- Wages and salaries: 44%
- Personal current transfer receipts: 21%
- Dividends, interest, and rent: 18%
- Supplements to wages and salaries: 11%
- Proprietors' income: 7%

Sources: U.S. Bureau of Economic Analysis; State Economist calculations
Components of Personal Current Transfer Receipts, 2017

- Social Security benefits: 36%
- Medicare benefits: 25%
- Medicaid: 20%
- Income maintenance benefits: 7%
- Veterans' benefits: 5%
- Education and training assistance: 2%
- Unemployment insurance compensation: 1%

Source: U.S. Bureau of Economic Analysis
Real Median Household Income (in 2018 $)

Source: U.S. Census Bureau, American Community Survey 1-year estimates
Percent of Households by Income Level, 2017

Source: U.S. Census Bureau, 2017 American Community Survey 1-year estimates
Median Household Income

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-year estimates
Maine Real GDP by Industry, 1997-2017
(in millions of chained 2012 dollars)

Source: U.S. Bureau of Economic Analysis
Share of Maine Real GDP by Metropolitan Area

- Portland-South Portland MSA (Cumberland-Sagadahoc-York counties)
- Non-MSA portion
- Bangor MSA (Penobscot County)
- Lewiston-Auburn MSA (Androscoggin County)

Source: U.S. Bureau of Economic Analysis
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