



THE ECONOMICS AND DEMOGRAPHICS OF MAINE

MAINE GOVERNMENT FINANCE OFFICERS ASSOC.

JUNE 27, 2019

AMANDA RECTOR

MAINE STATE ECONOMIST



OVERVIEW

■ Demographics


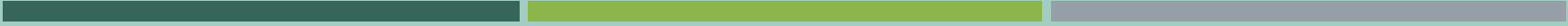
■ Employment

■ Income and GDP

■ Energy

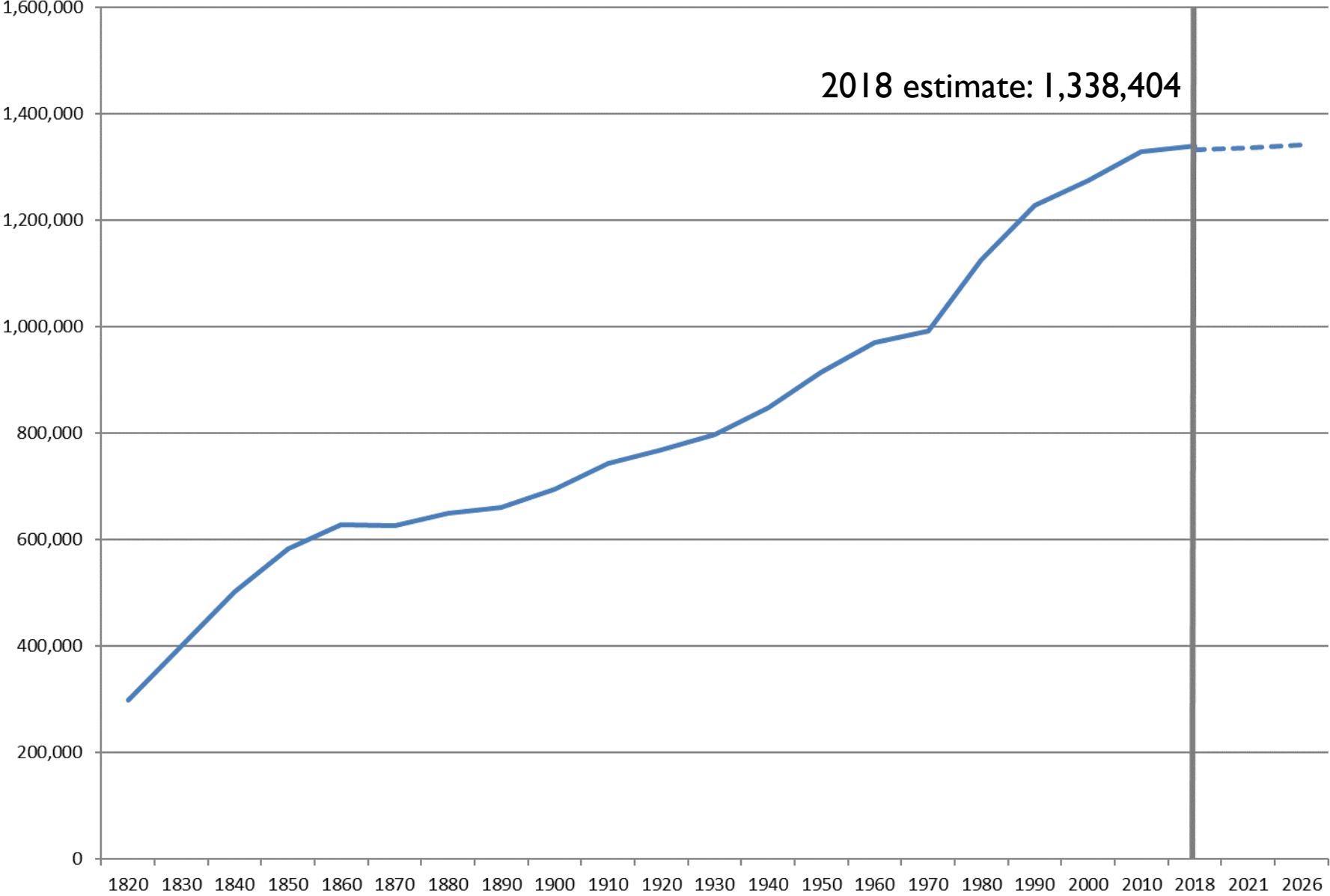
DEMOGRAPHICS





IN ORDER TO UNDERSTAND
THE **ECONOMY**, YOU
HAVE TO UNDERSTAND THE
DEMOGRAPHICS.

Total Population, Maine



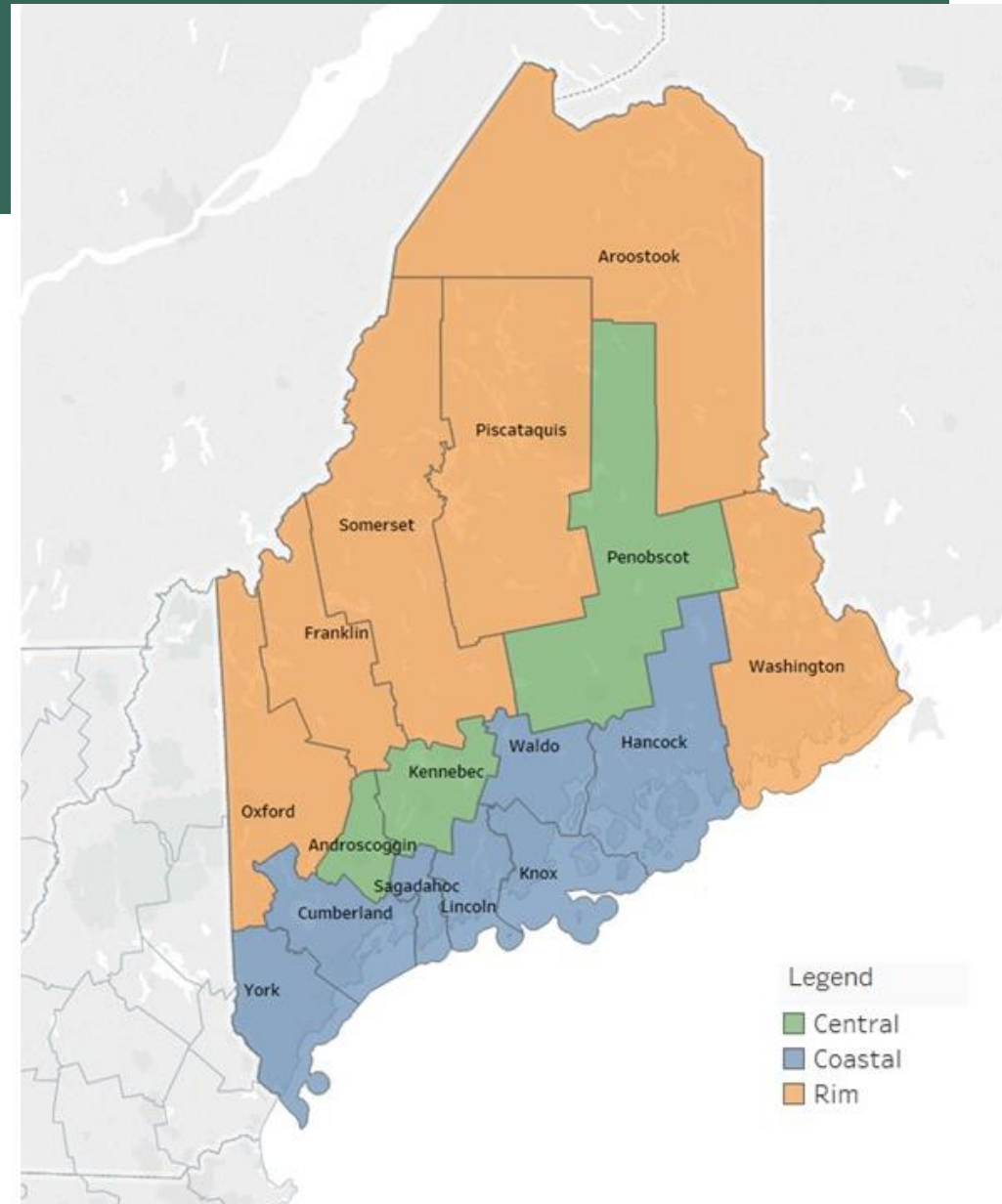
2018 estimate: 1,338,404

Sources: U.S. Census Bureau; State Economist population projections

REGIONS OF MAINE

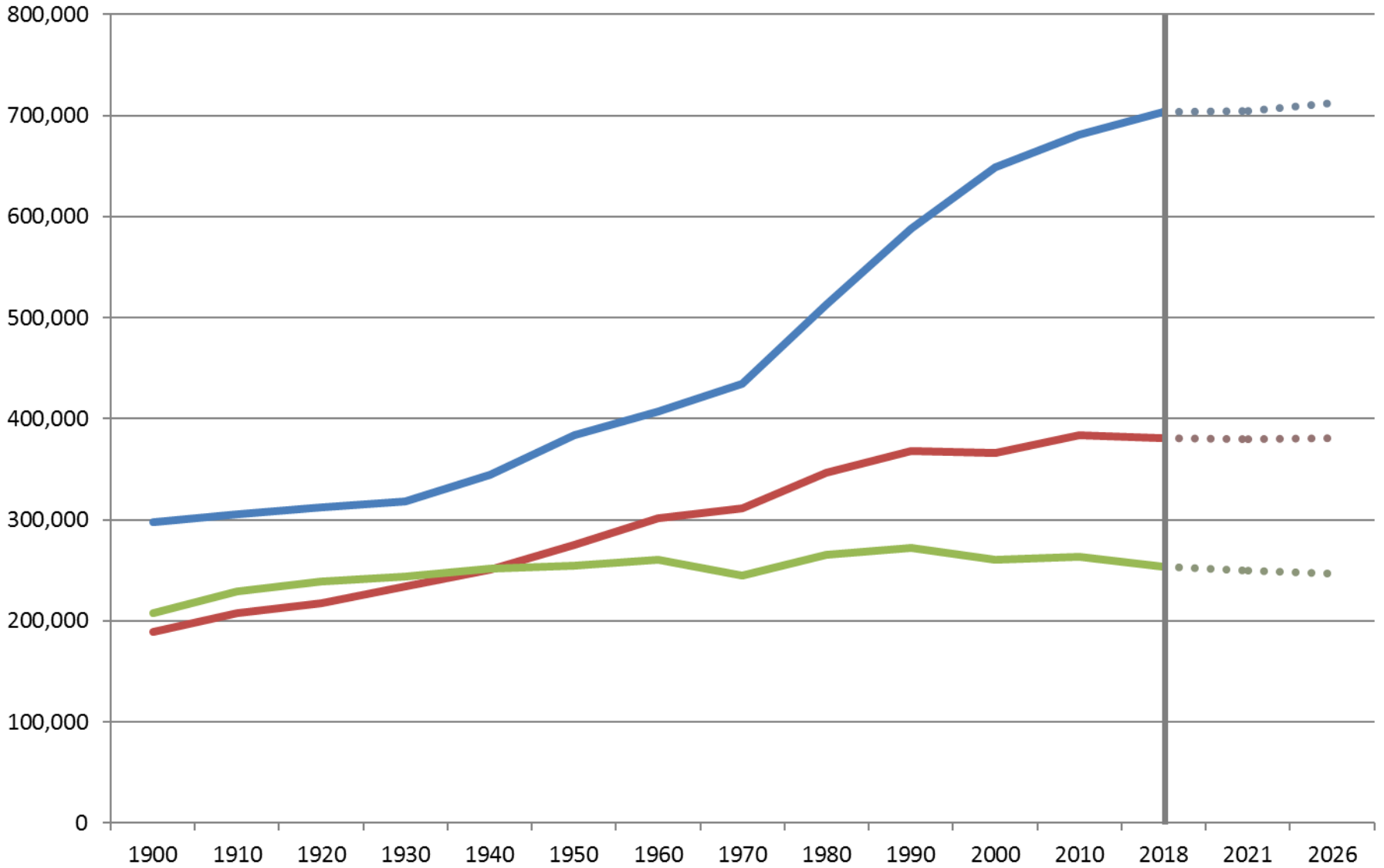
■ Three counties had peak decennial population in a year other than 2010:

- Aroostook: 1960
- Piscataquis: 1920
- Washington: 1900



Total Population, Regions of Maine

Coastal Central Rim

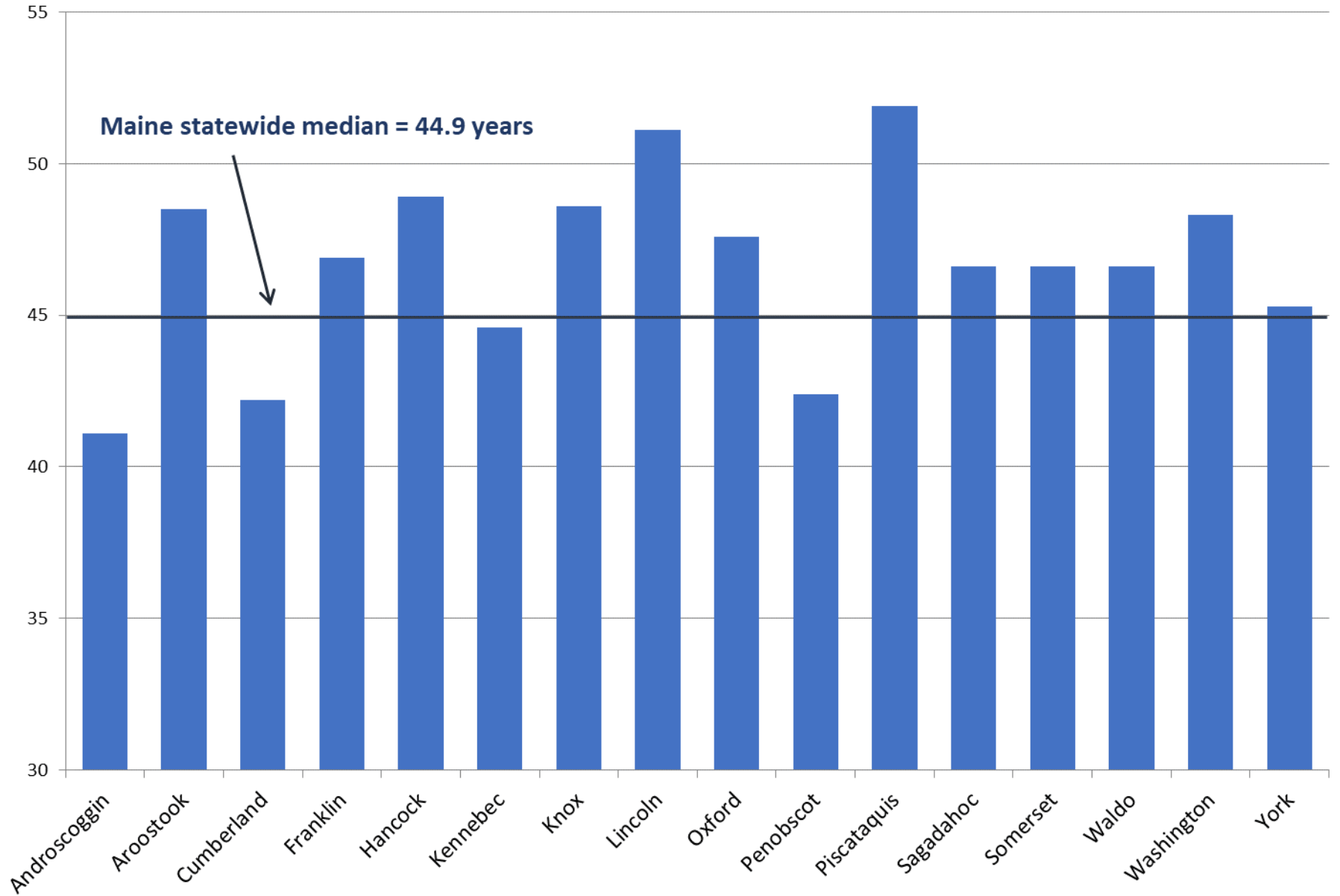


MAINE: A DEMOGRAPHIC SNAPSHOT

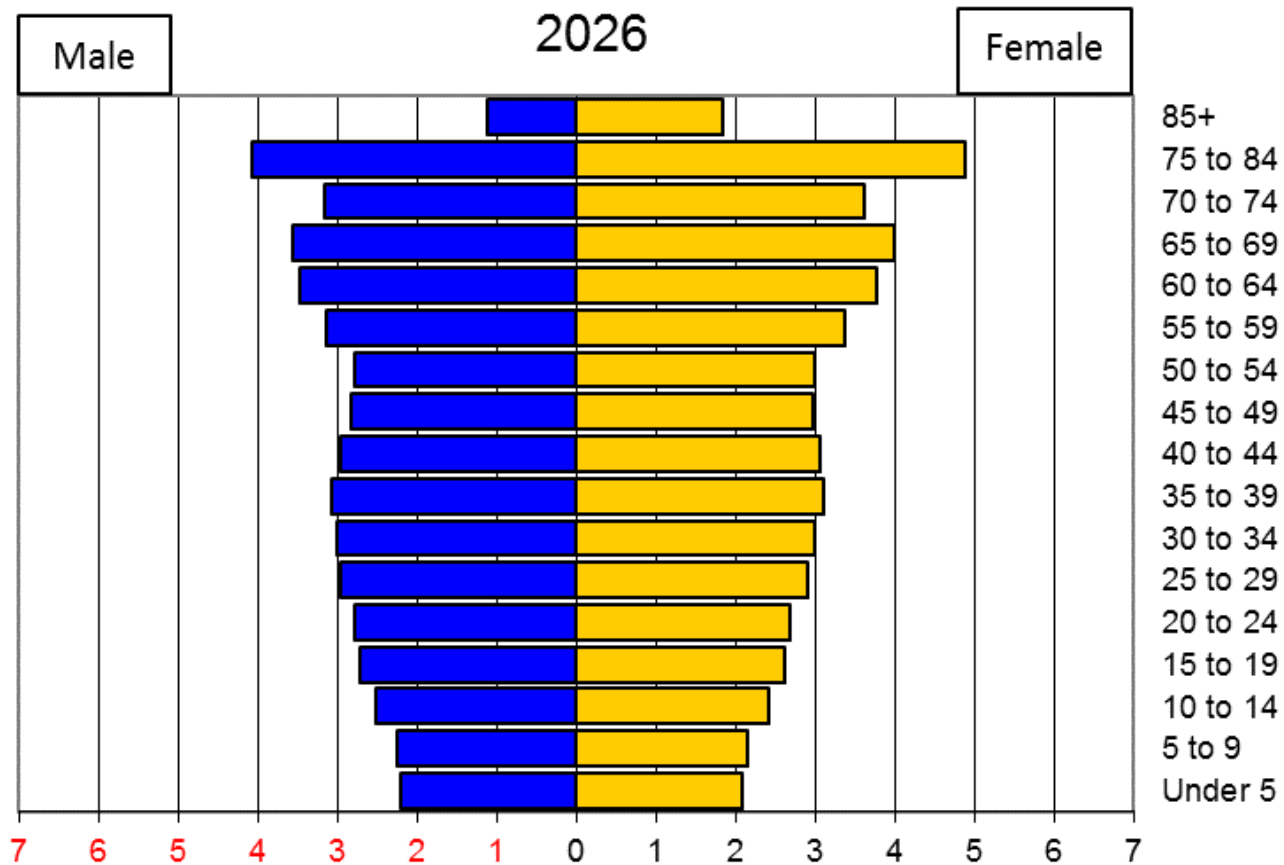
- 2018 Population Estimate: 1,338,404
 - 42nd largest in US
- 2010 – 2018 Population Change: +0.8%
 - 42nd in US (ahead of WV, IL, CT, VT, RI, MS, NY, PA)
- 2018 Median age: 44.9 years
 - Oldest in US
- 93.1% White, Non-Hispanic
 - Highest percentage in US



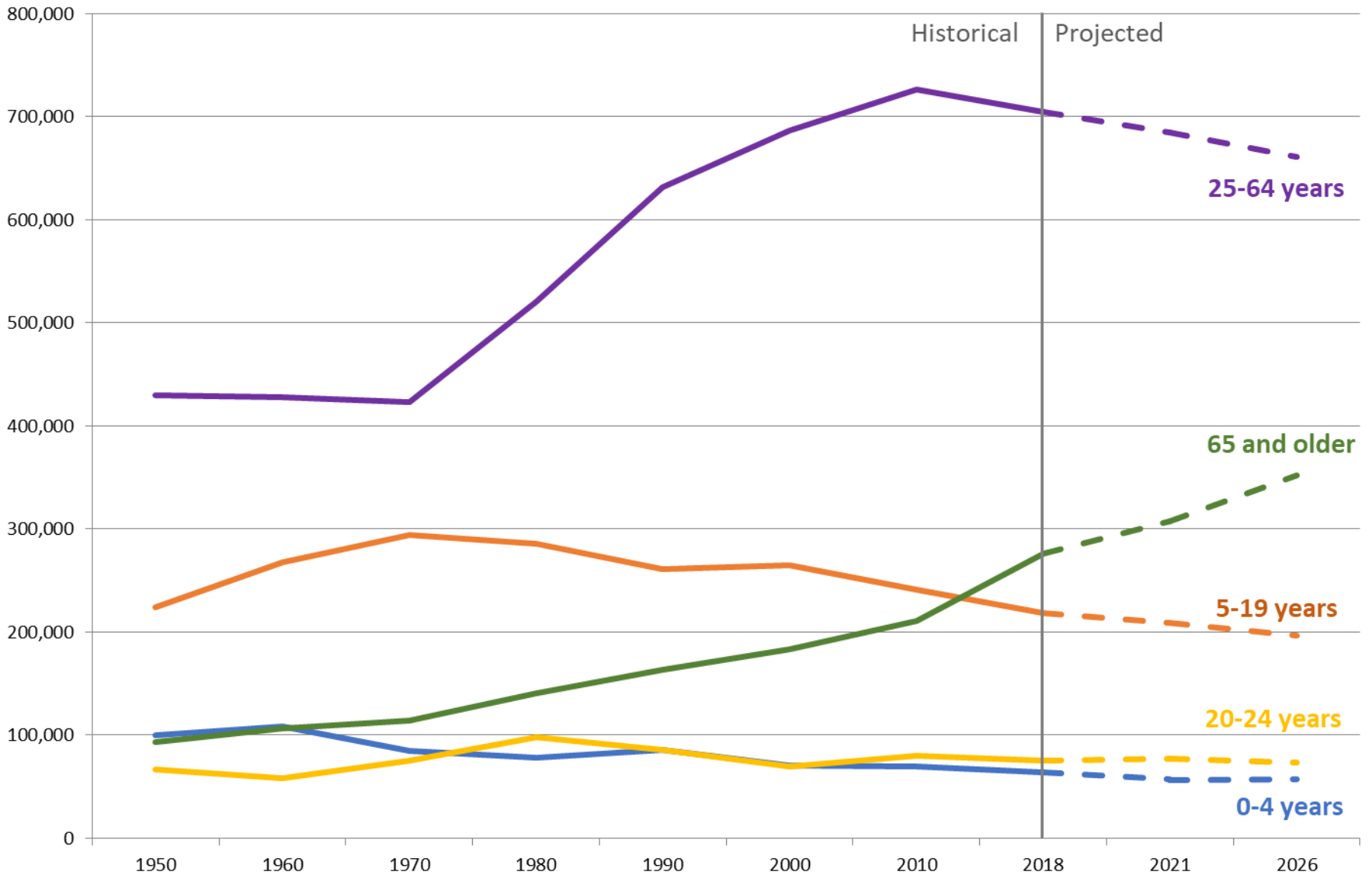
Median Age



THE BABY BOOM WAVE

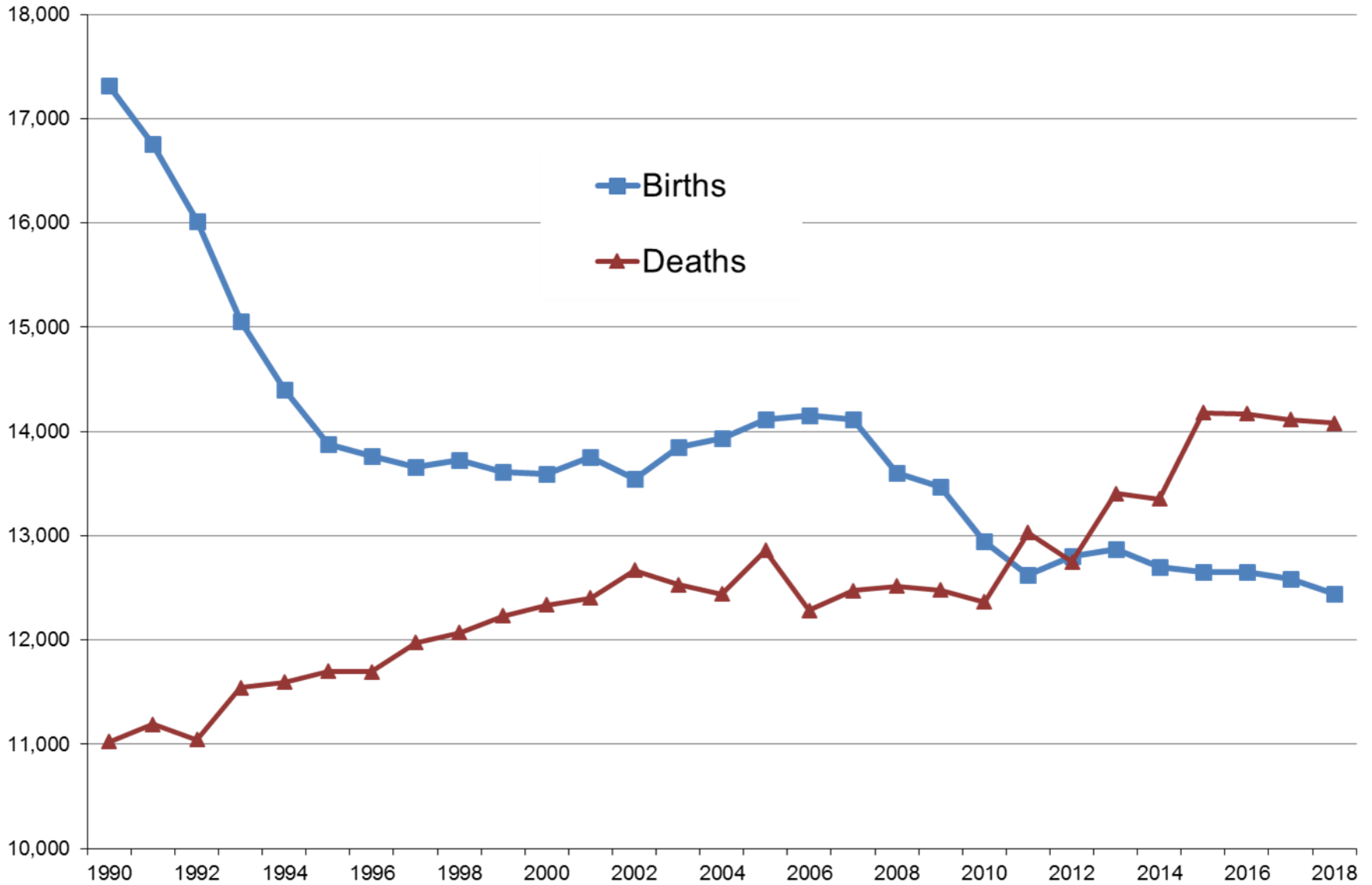


Maine Population Trends by Age 1950-2026

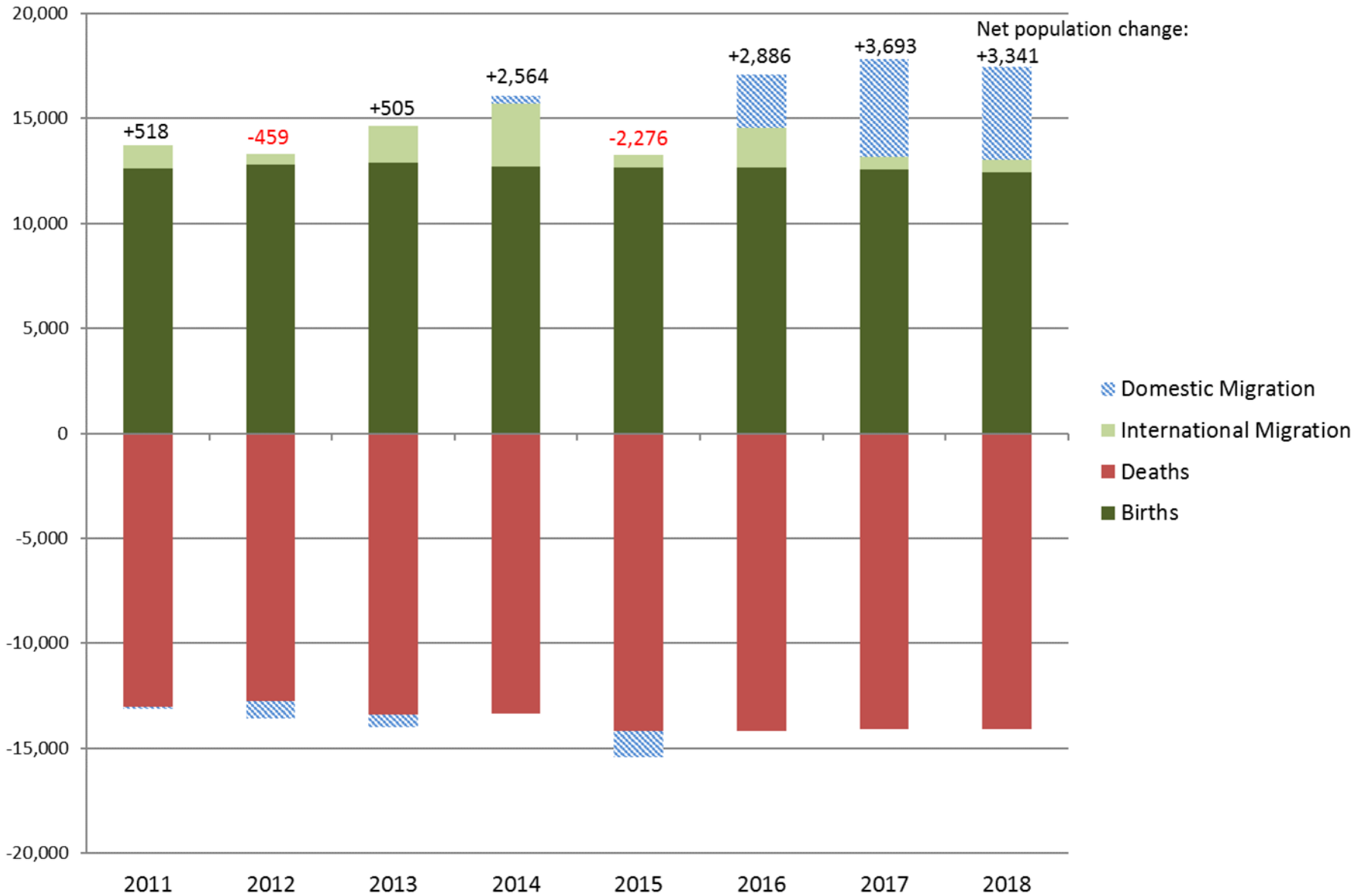


Sources: U.S. Census Bureau; State Economist population projections

Births and Deaths per year in Maine



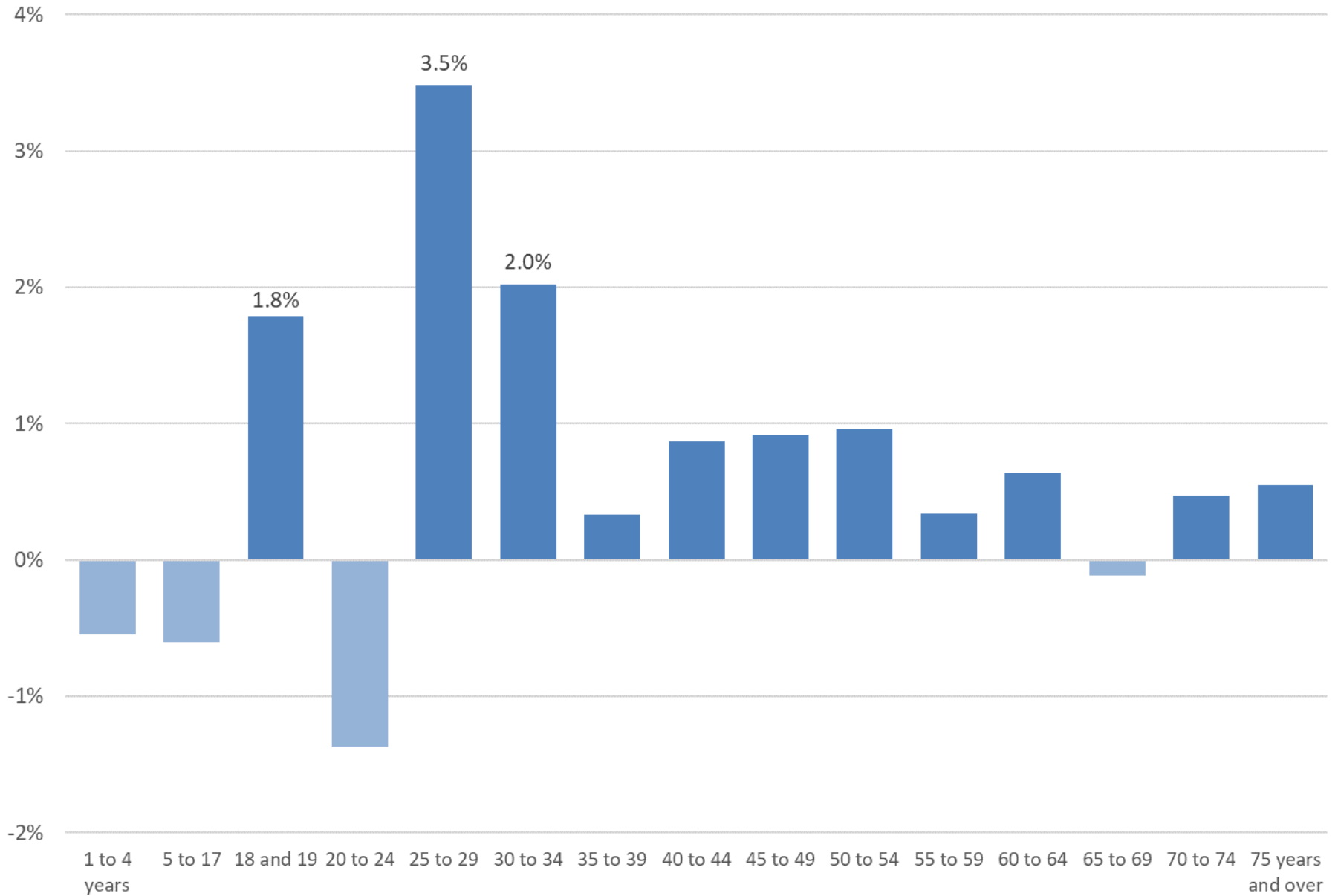
Components of Population Change, Maine



WHERE ARE PEOPLE MOVING TO/FROM?

2017 State-to-State Migration Patterns			
<i>Moved to Maine from:</i>		<i>Moved from Maine to:</i>	
Massachusetts	7,567	Massachusetts	4,099
New Hampshire	4,274	New Hampshire	3,950
Florida	3,059	Florida	2,960
New York	2,478	California	2,578
Connecticut	1,690	New York	1,611
Pennsylvania	1,629	Pennsylvania	1,156
California	1,578	Virginia	1,135
Georgia	1,241	North Carolina	1,014
Virginia	1,162	Wisconsin	904
North Carolina	1,074	Texas	648

Annual Domestic Migration Rate by Age, 2017



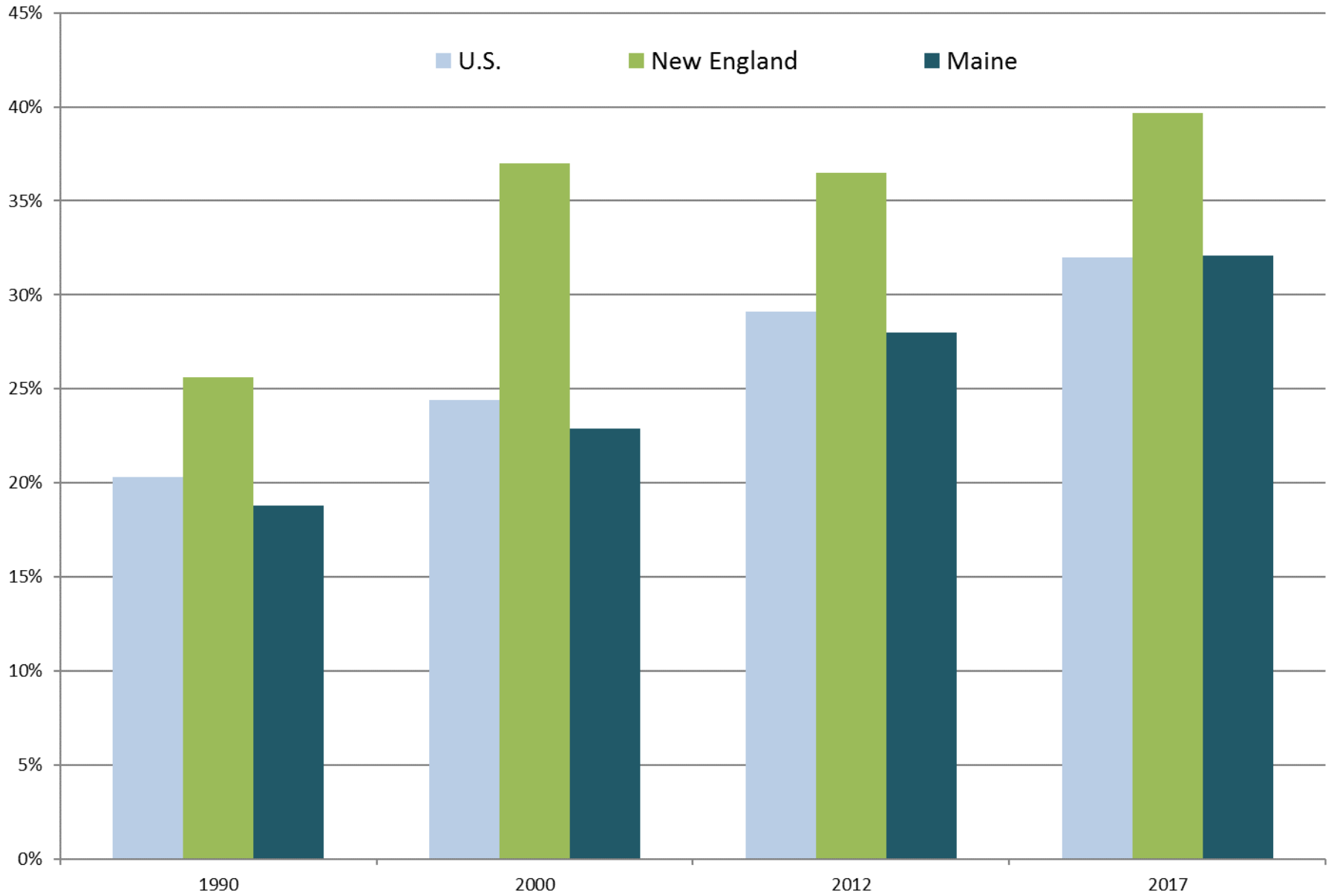
Source: U.S. Census Bureau, 2017 American Community Survey 1-year estimates

WHO ARE THE PEOPLE MOVING TO MAINE?

■ Educational attainment

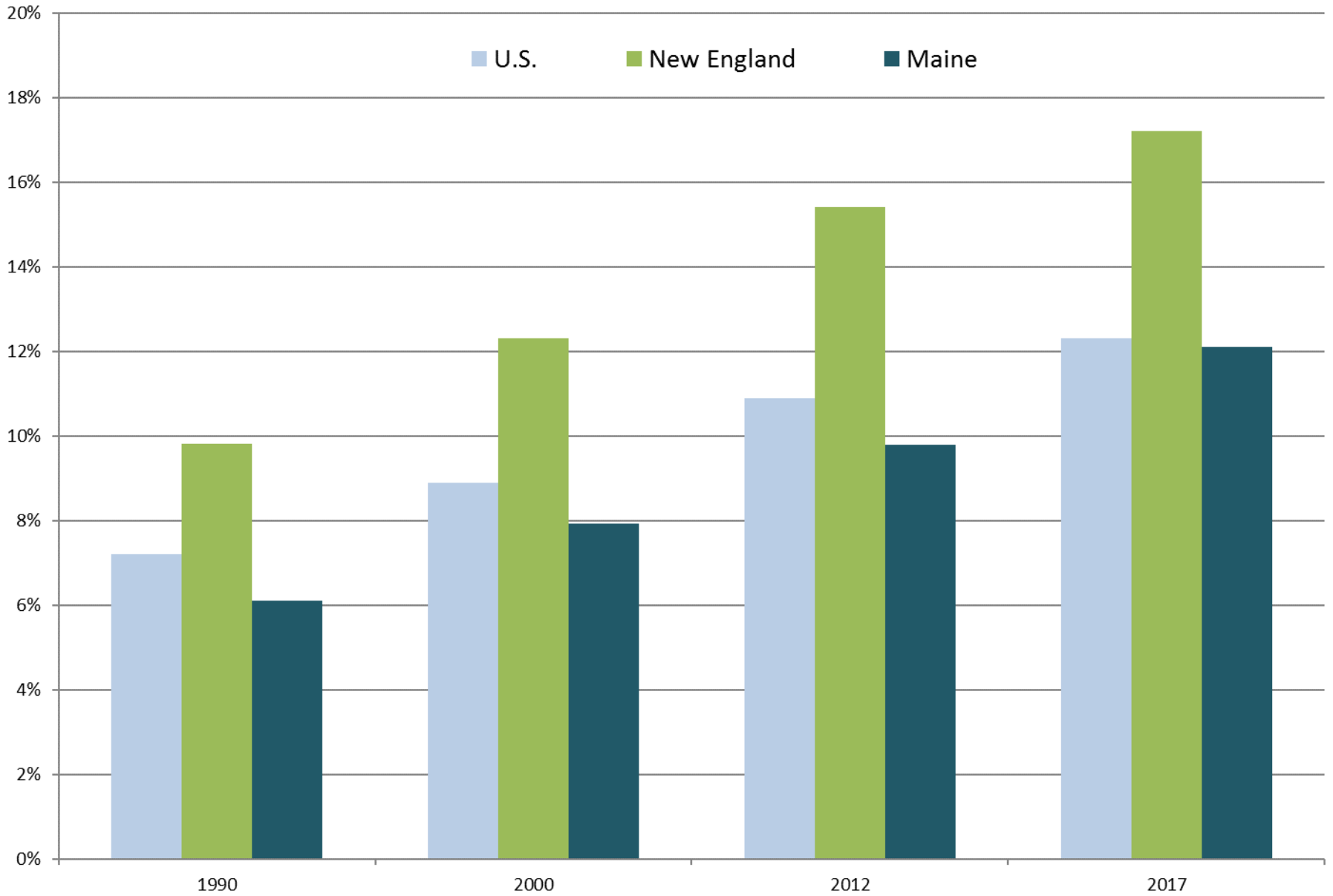
- High School Graduate: net gain of 457
- Some College or Associate's: +2,555
- Bachelor's Degree: +2,966
- Graduate or Professional Degree: +1,896

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

COUNTIES WITH POSITIVE NET MIGRATION

2010 - 2018

- Cumberland (10,151)
- York (9,412)
- Hancock (1,408)
- Waldo (1,200)
- Lincoln (1,083)
- Kennebec (1,067)
- Knox (911)
- Oxford (840)
- Sagadahoc (533)

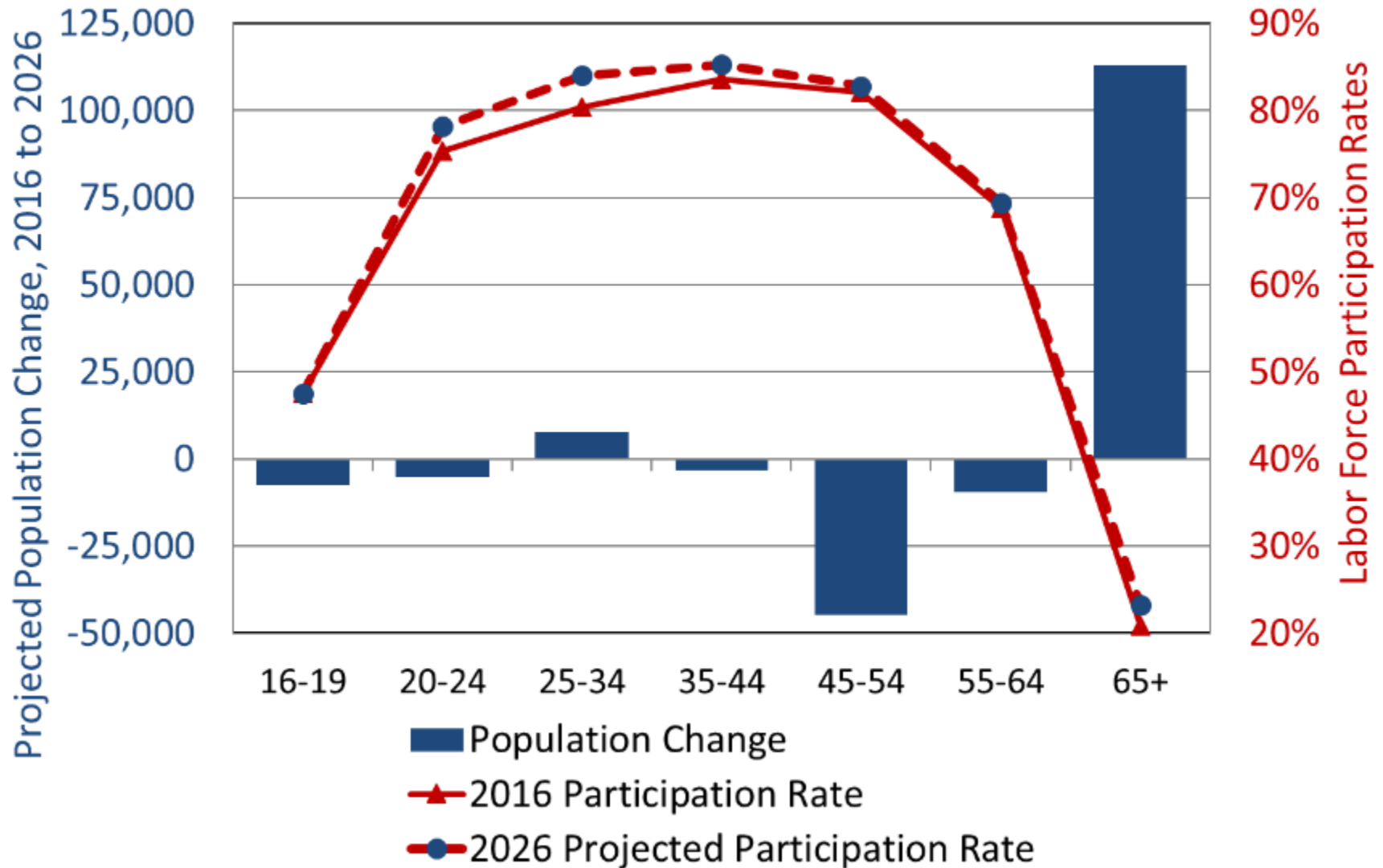
2017 - 2018

- York (1,856)
- Cumberland (1,080)
- Kennebec (386)
- Hancock (382)
- Oxford (366)
- Lincoln (304)
- Sagadahoc (288)
- Somerset (273)
- Franklin (155)
- Washington (85)
- Piscataquis (68)
- Penobscot (51)



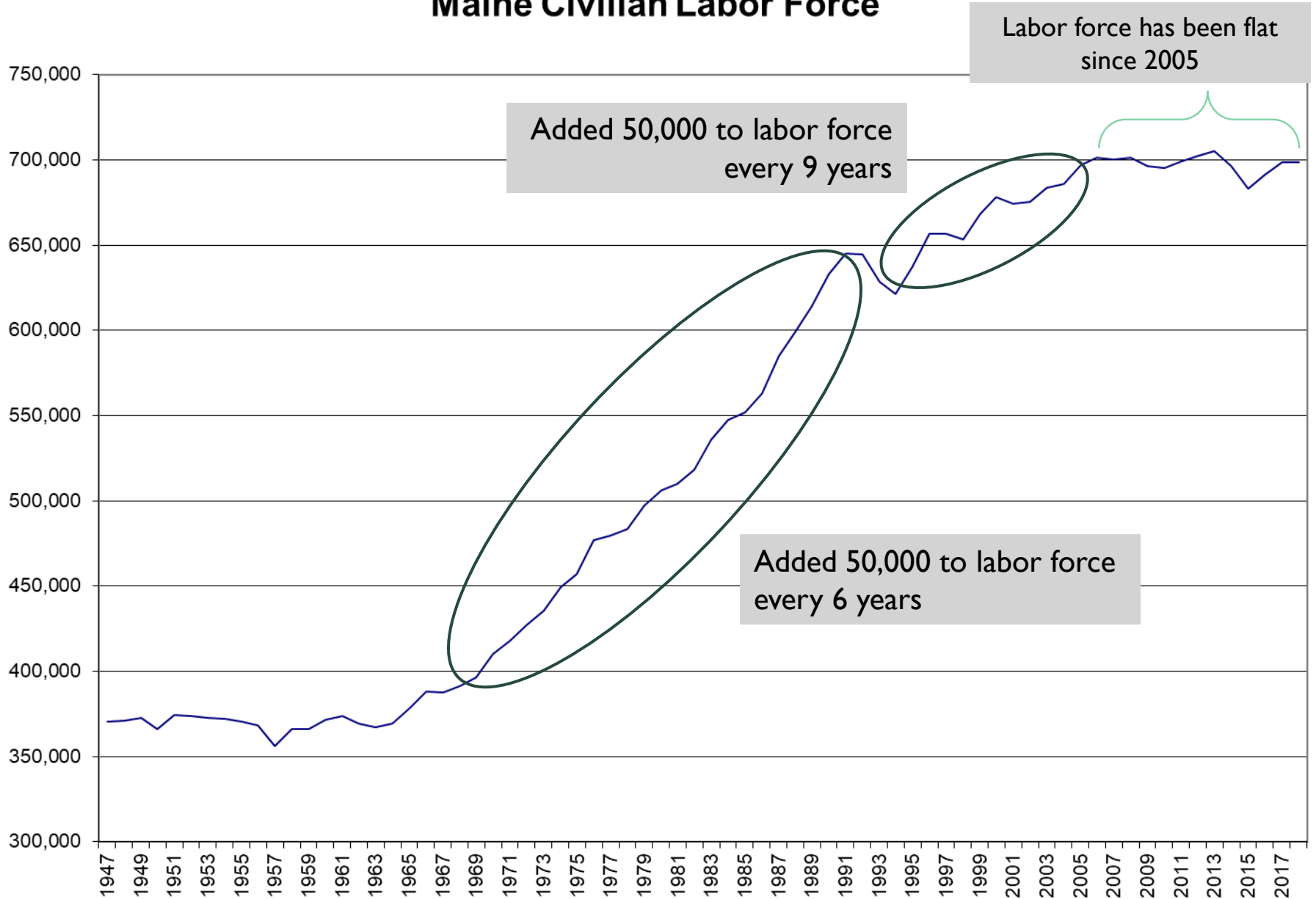
EMPLOYMENT

Projected Population Change and Participation Rates by Age Group in Maine

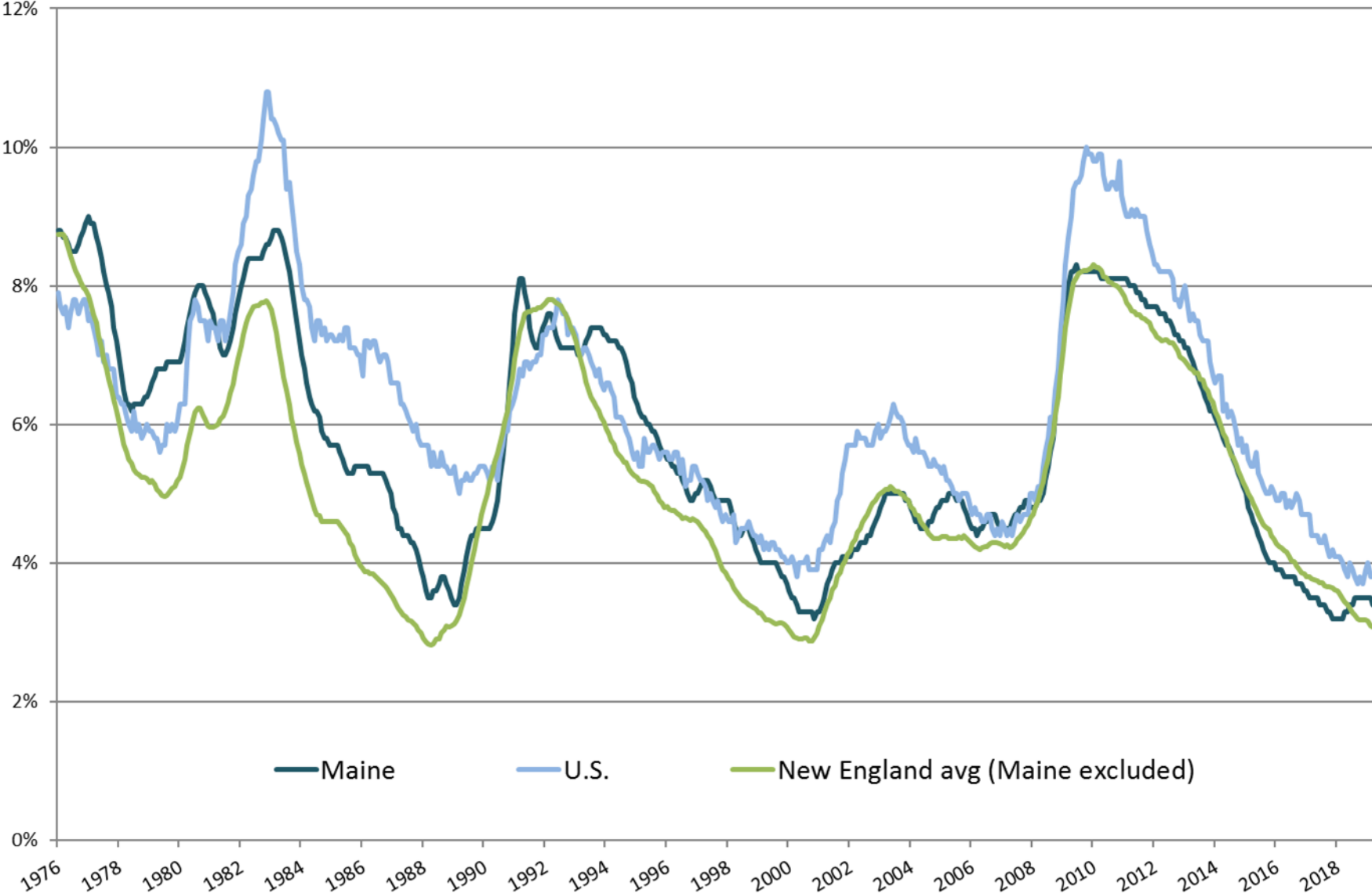


Source: Maine Department of Labor, *Employment Outlook to 2026*;
<https://cwri1.blogspot.com/2018/07/employment-outlookto-2026.html>

Maine Civilian Labor Force

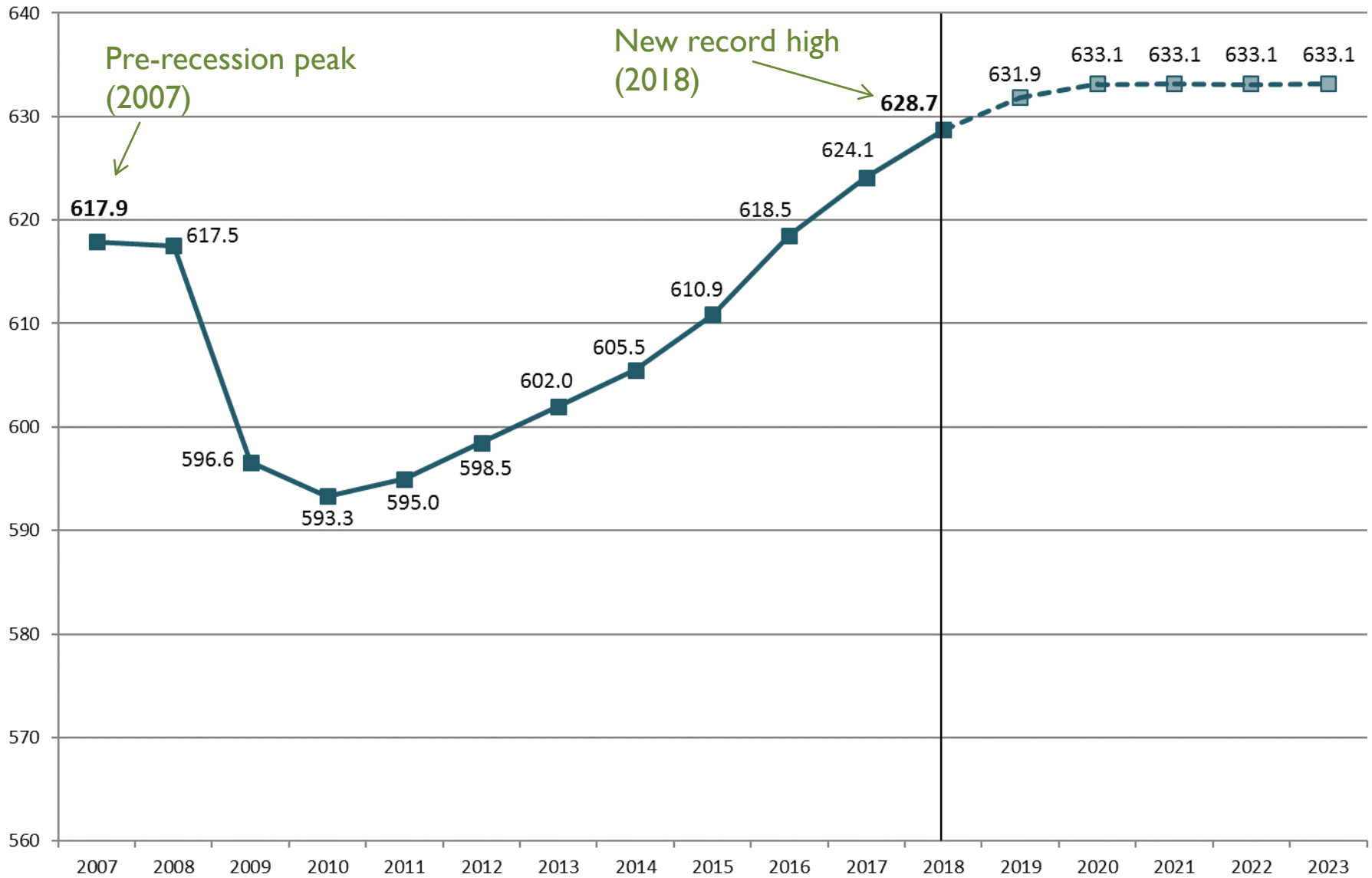


Monthly Unemployment Rate (Seasonally Adjusted)



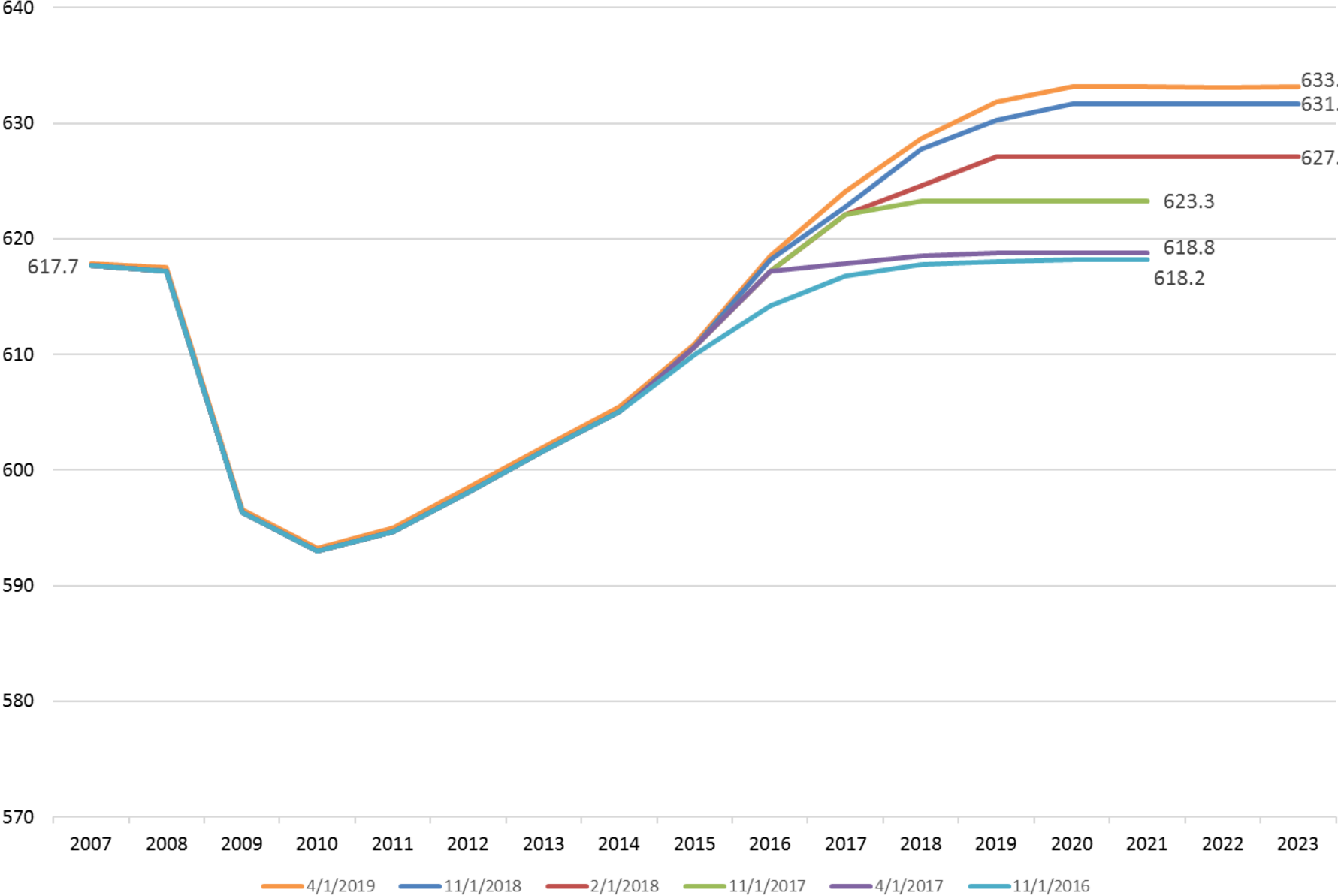
Source: Maine Department of Labor, Center for Workforce Research and Information

Total Nonfarm Employment (in thousands) History and CEFC forecast



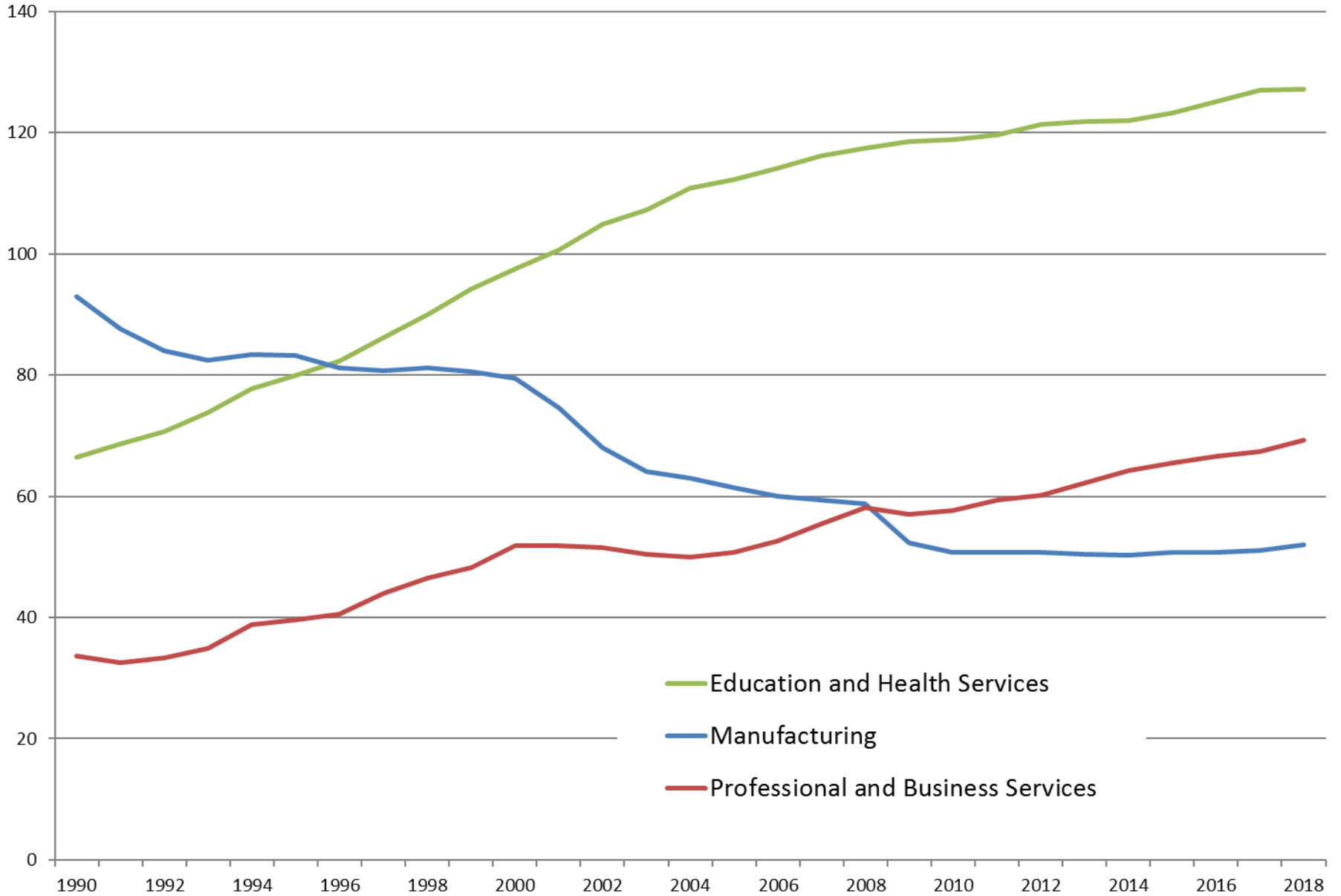
Sources: Maine Department of Labor and Consensus Economic Forecasting Commission report, April 1, 2019

Revisions to CEFC Forecast of Total Nonfarm Employment (in thousands)

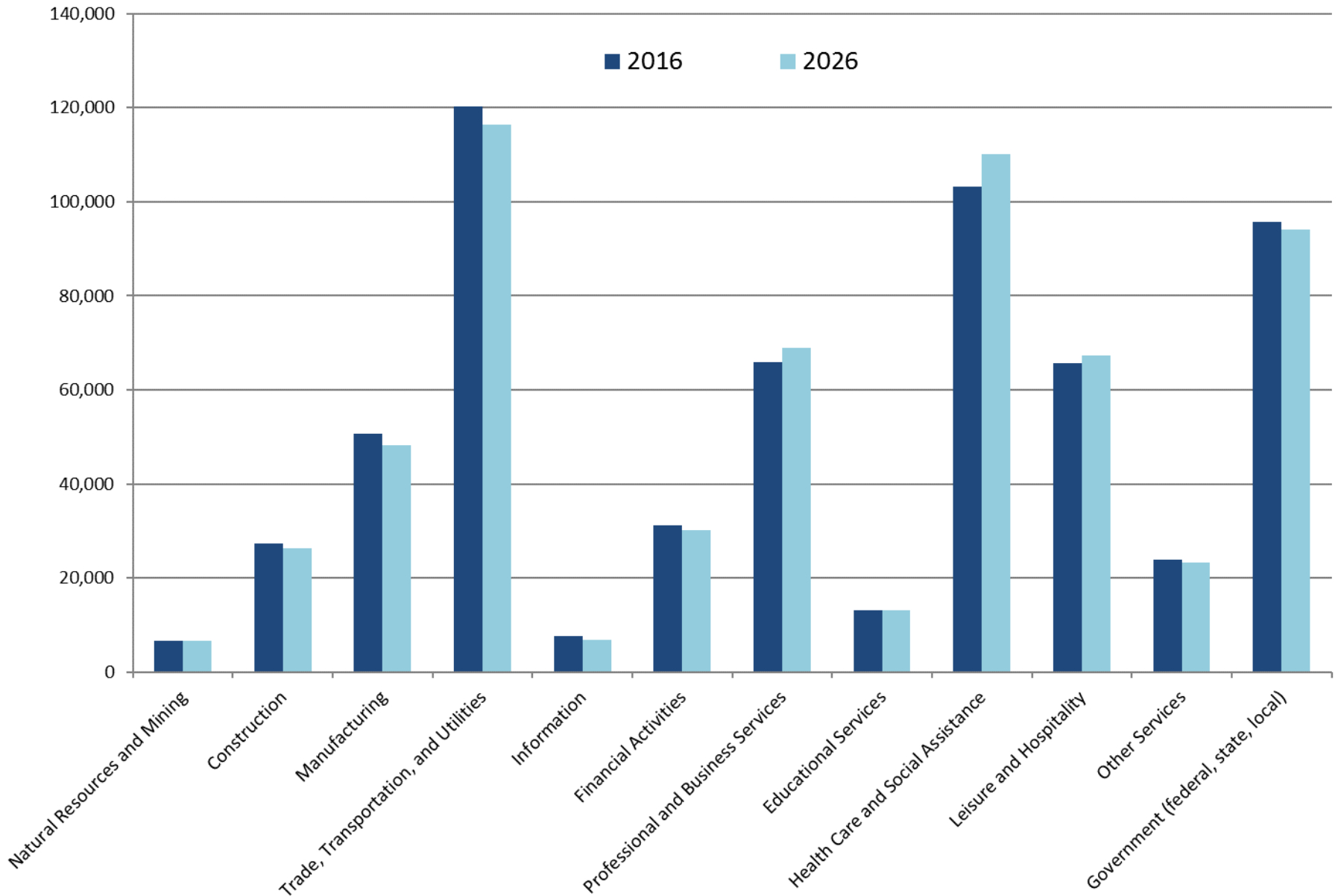


Source: Consensus Economic Forecasting Commission reports

Maine Wage and Salary Employment by Industry (in thousands)



Maine Wage and Salary Employment by Industry

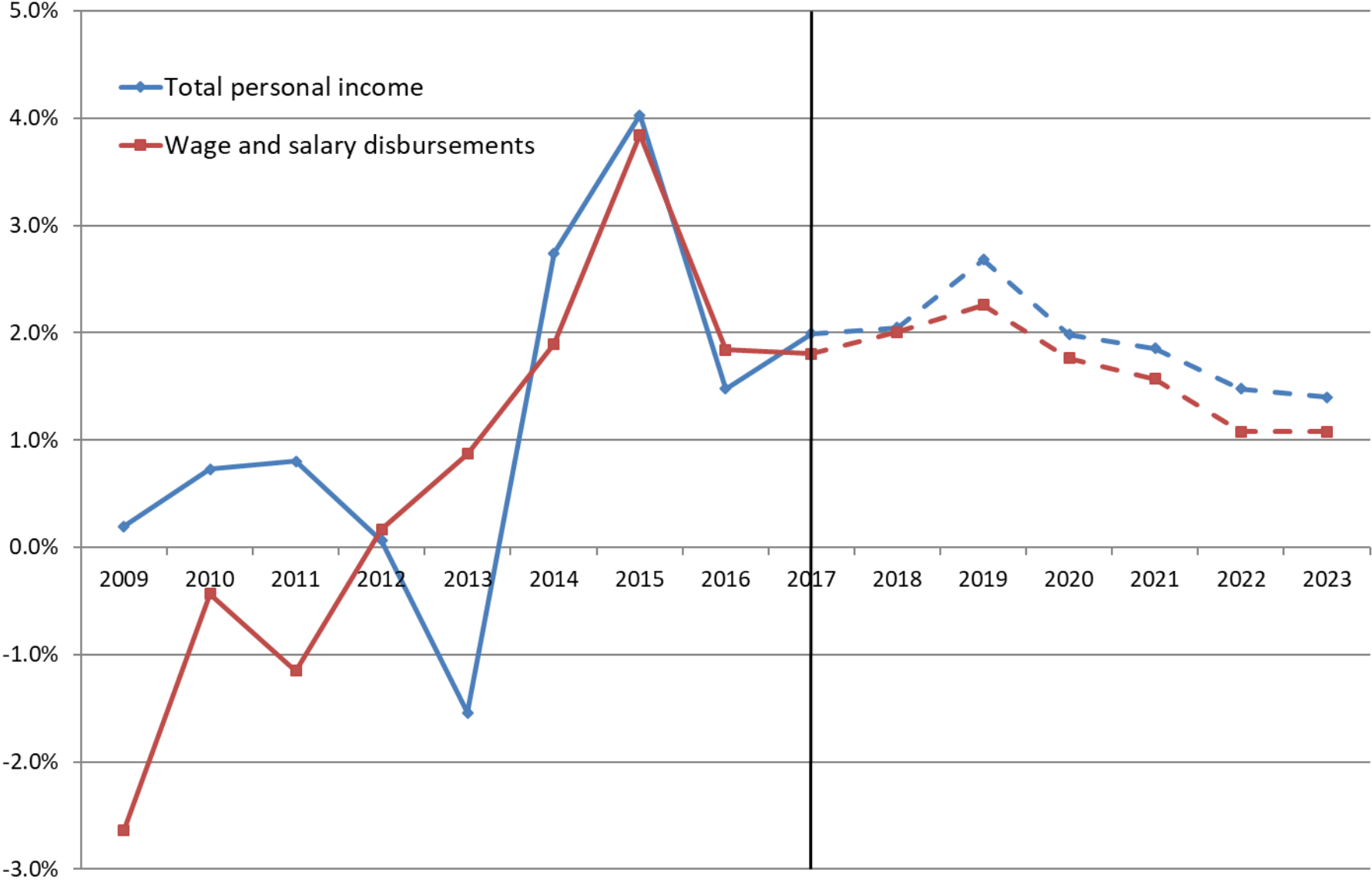


Sources: Maine Department of Labor, Center for Workforce Research and Information



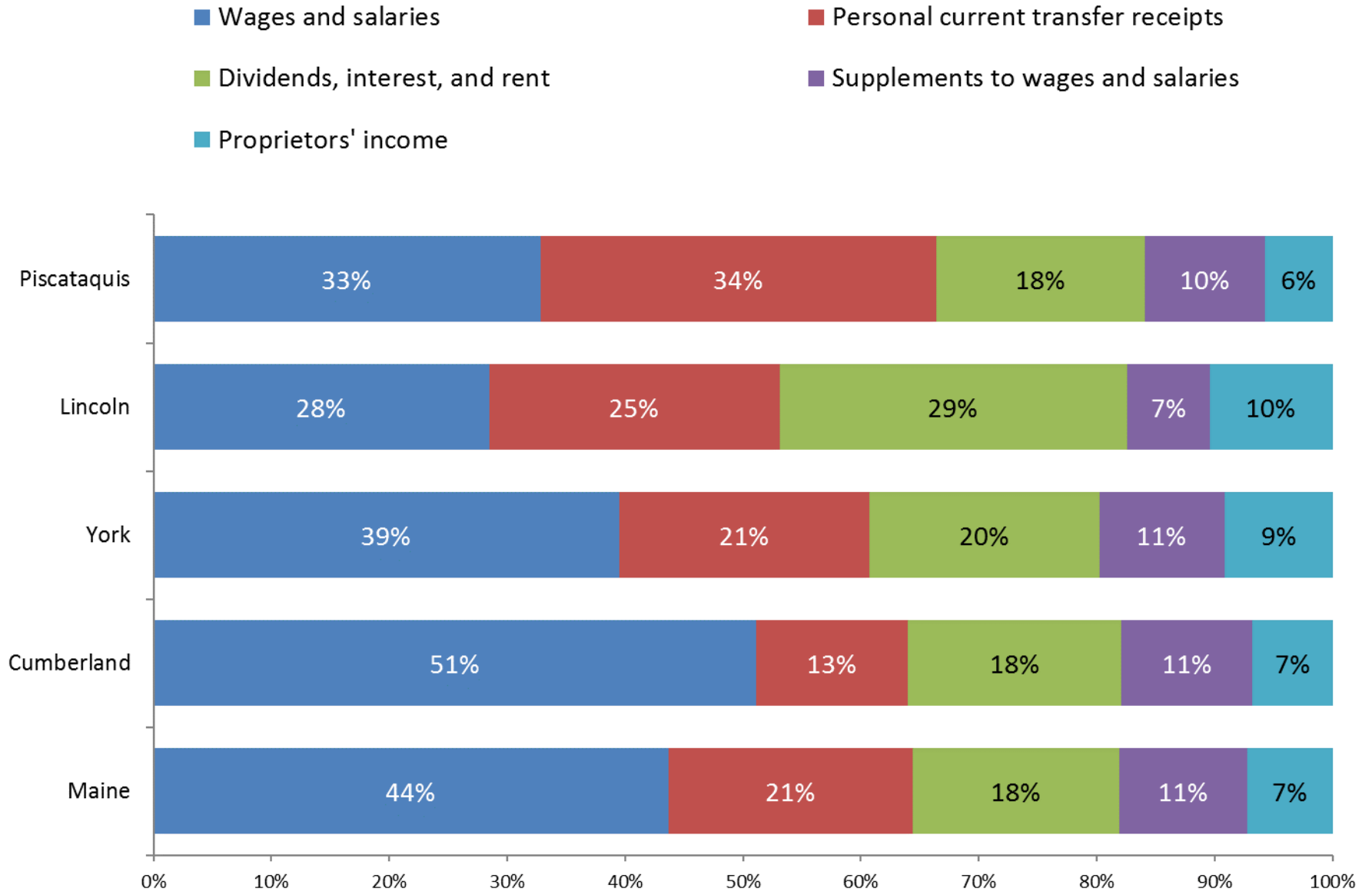
INCOME AND GDP

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

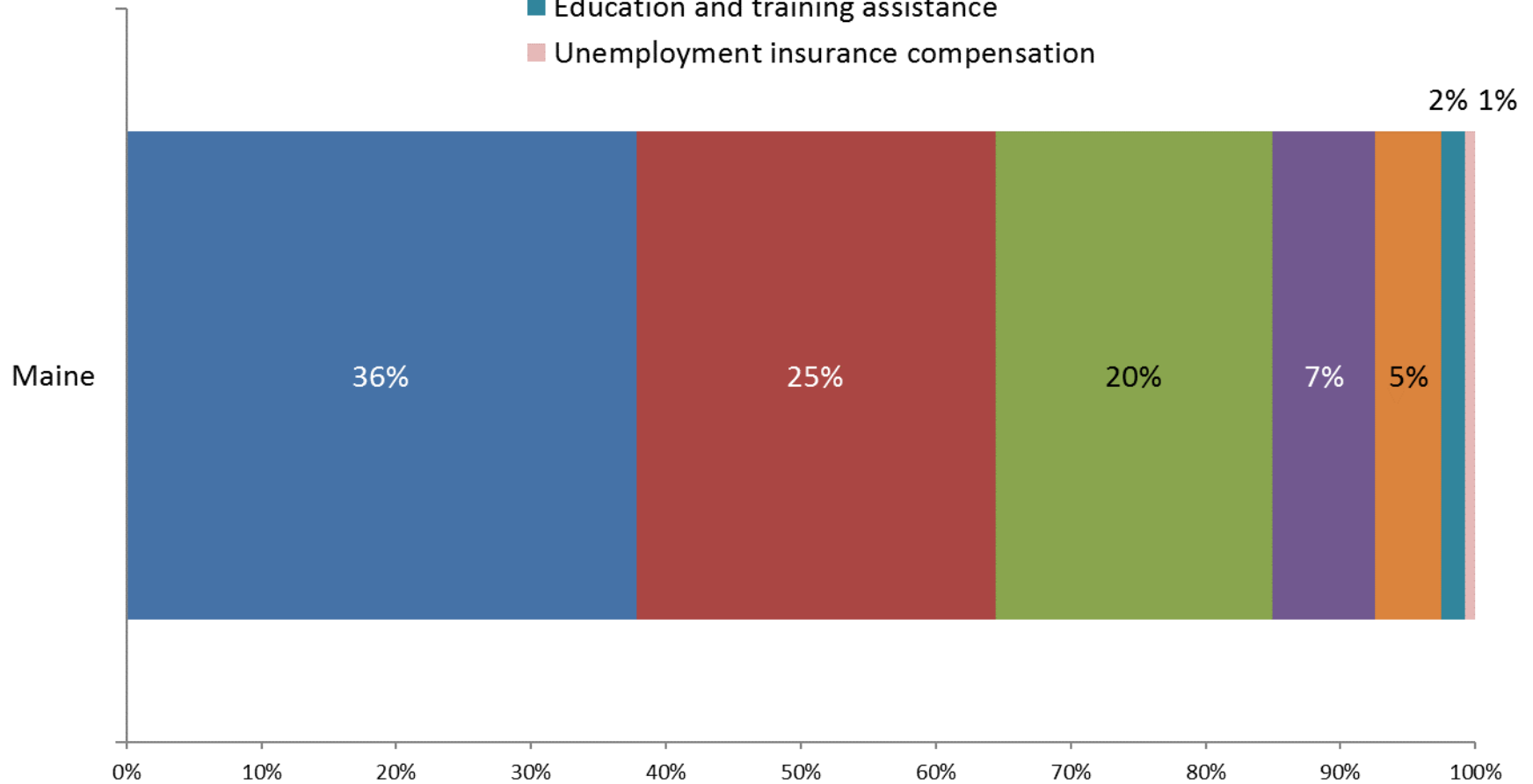
Major Components of Personal Income, 2017



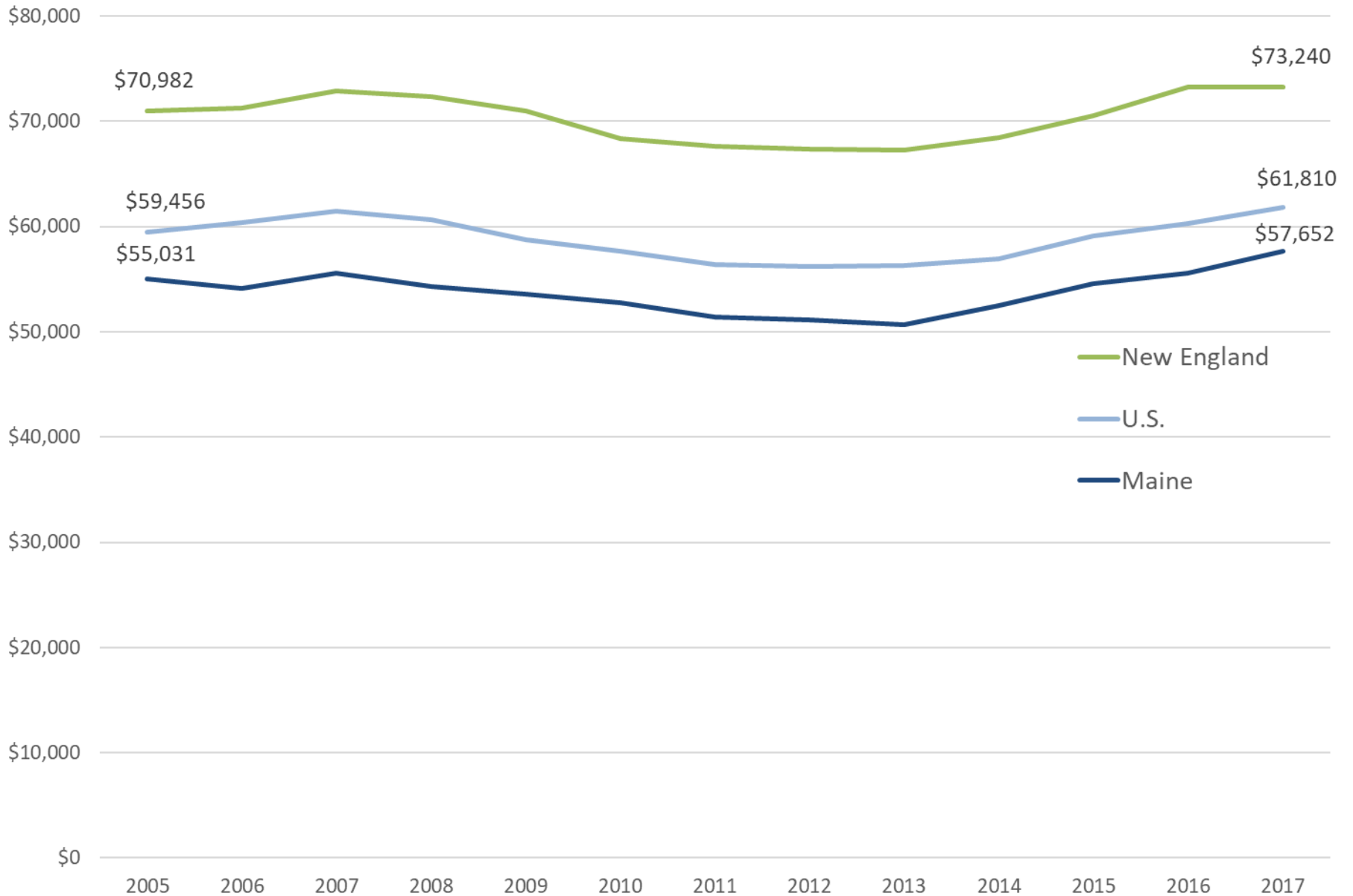
Sources: U.S. Bureau of Economic Analysis; State Economist calculations

Components of Personal Current Transfer Receipts, 2017

- Social Security benefits
- Medicare benefits
- Medicaid
- Income maintenance benefits
- Veterans' benefits
- Education and training assistance
- Unemployment insurance compensation

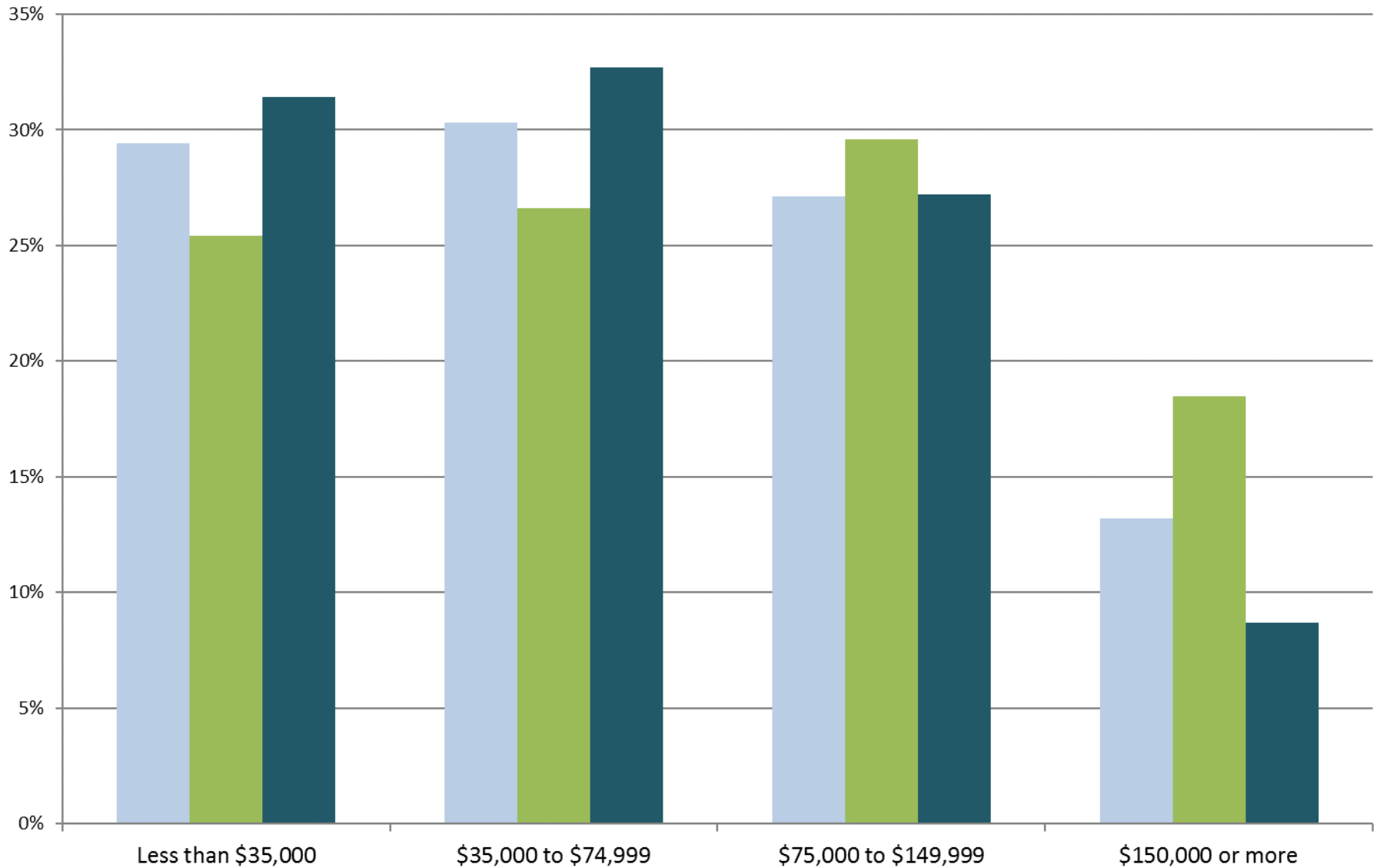


Real Median Household Income (in 2018 \$)

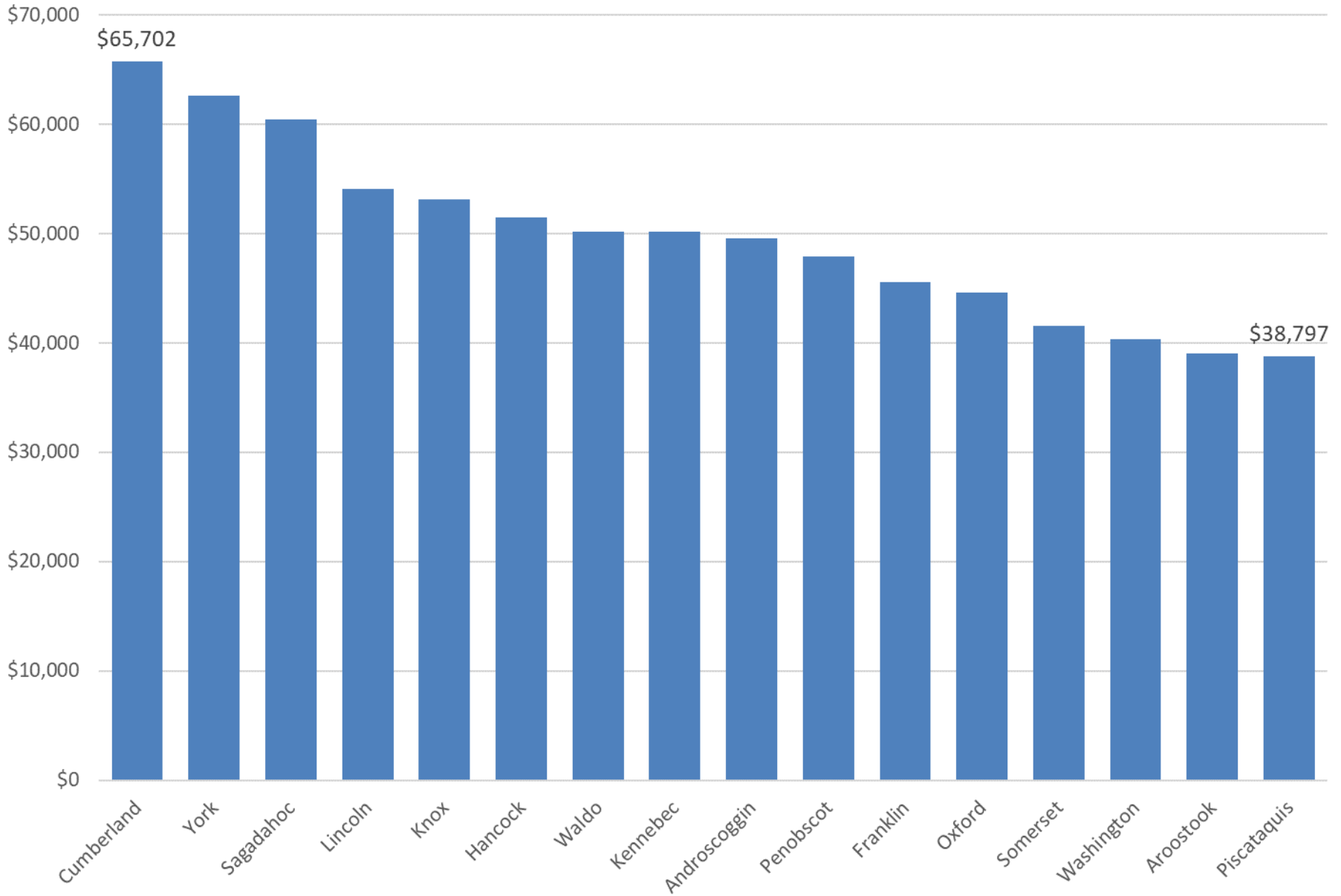


Percent of Households by Income Level, 2017

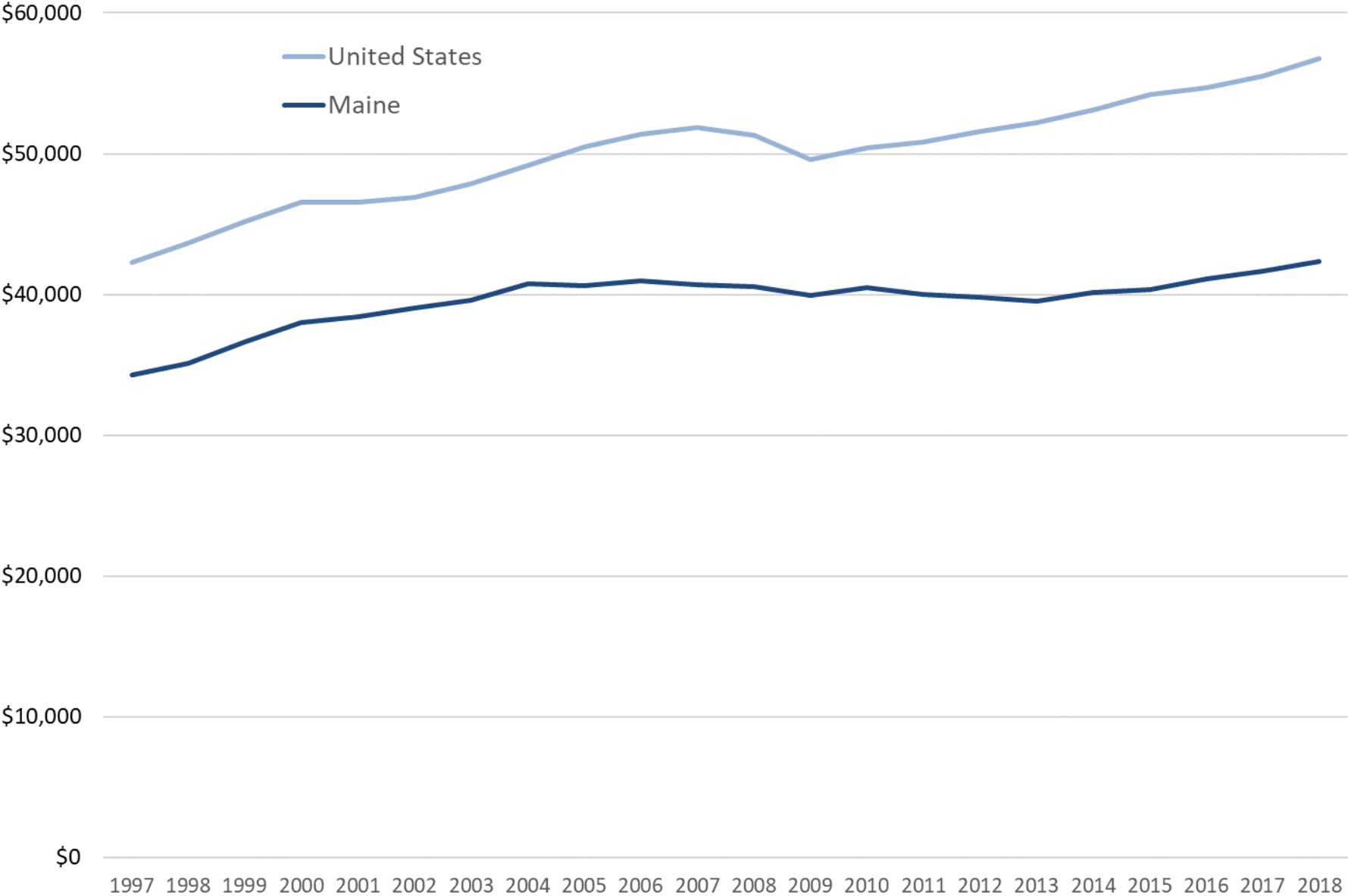
■ U.S. ■ New England ■ Maine



Median Household Income



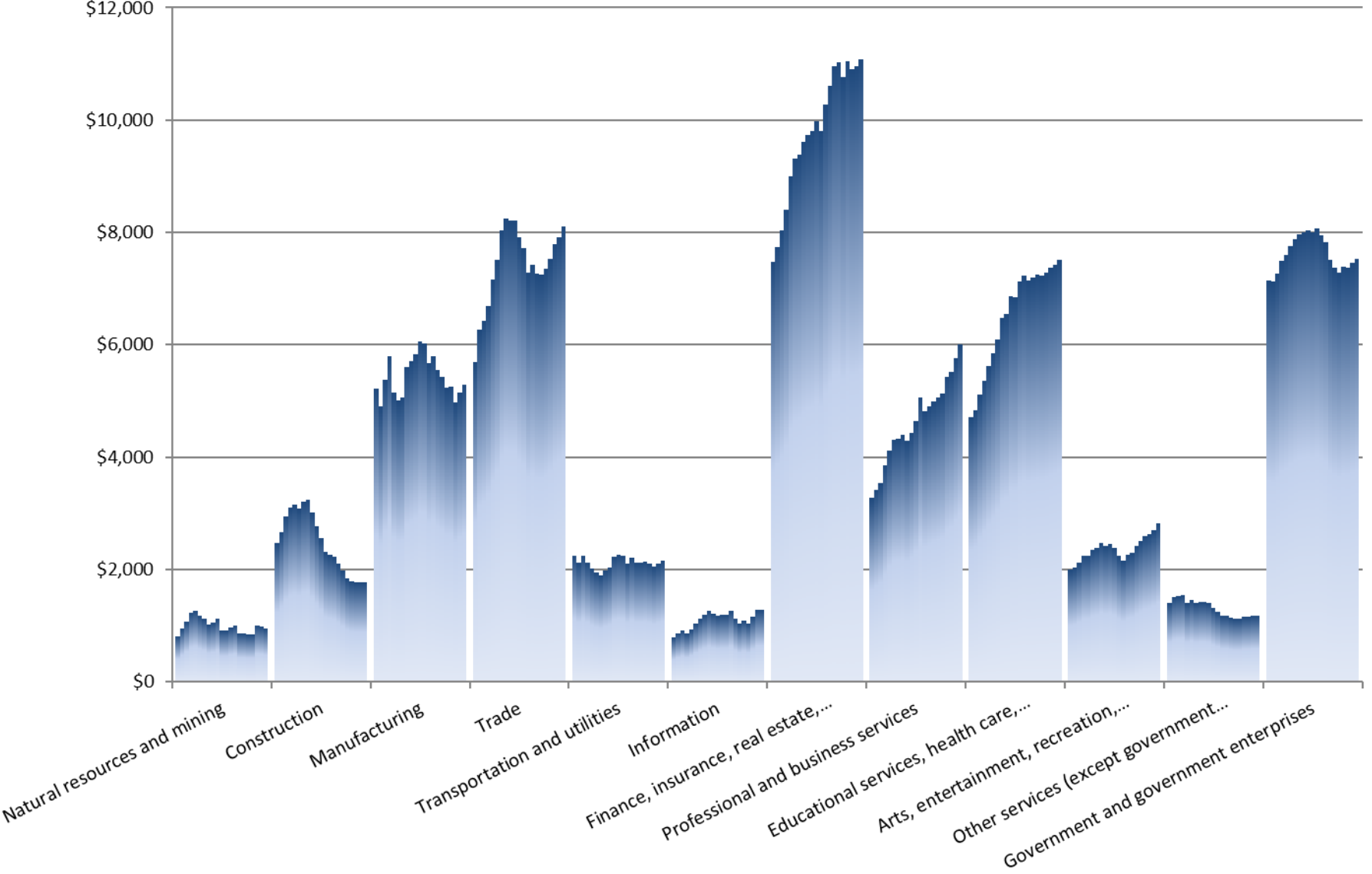
Per Capita Real Total GDP



Source: U.S. Bureau of Economic Analysis

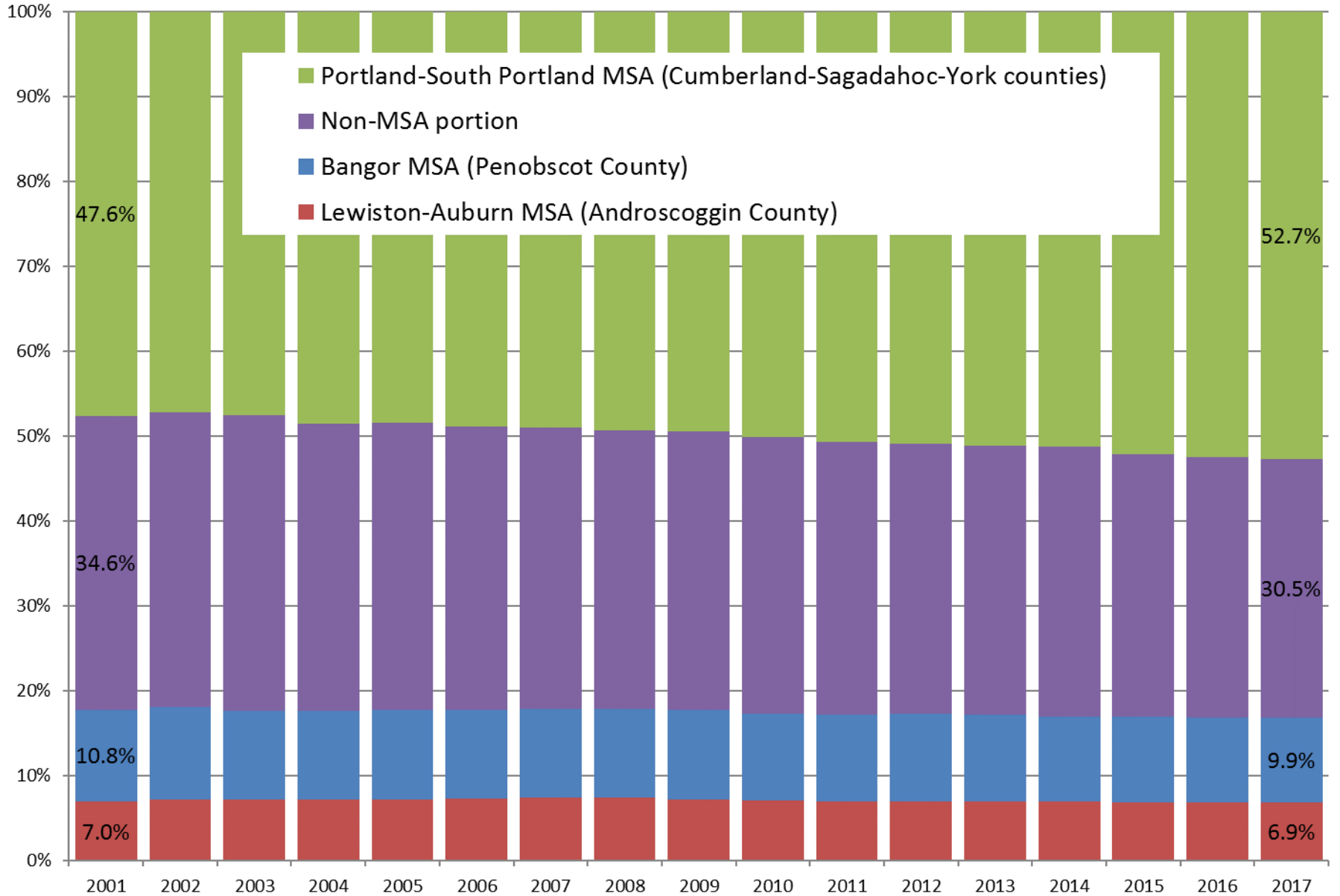
Maine Real GDP by Industry, 1997-2017

(in millions of chained 2012 dollars)



Source: U.S. Bureau of Economic Analysis

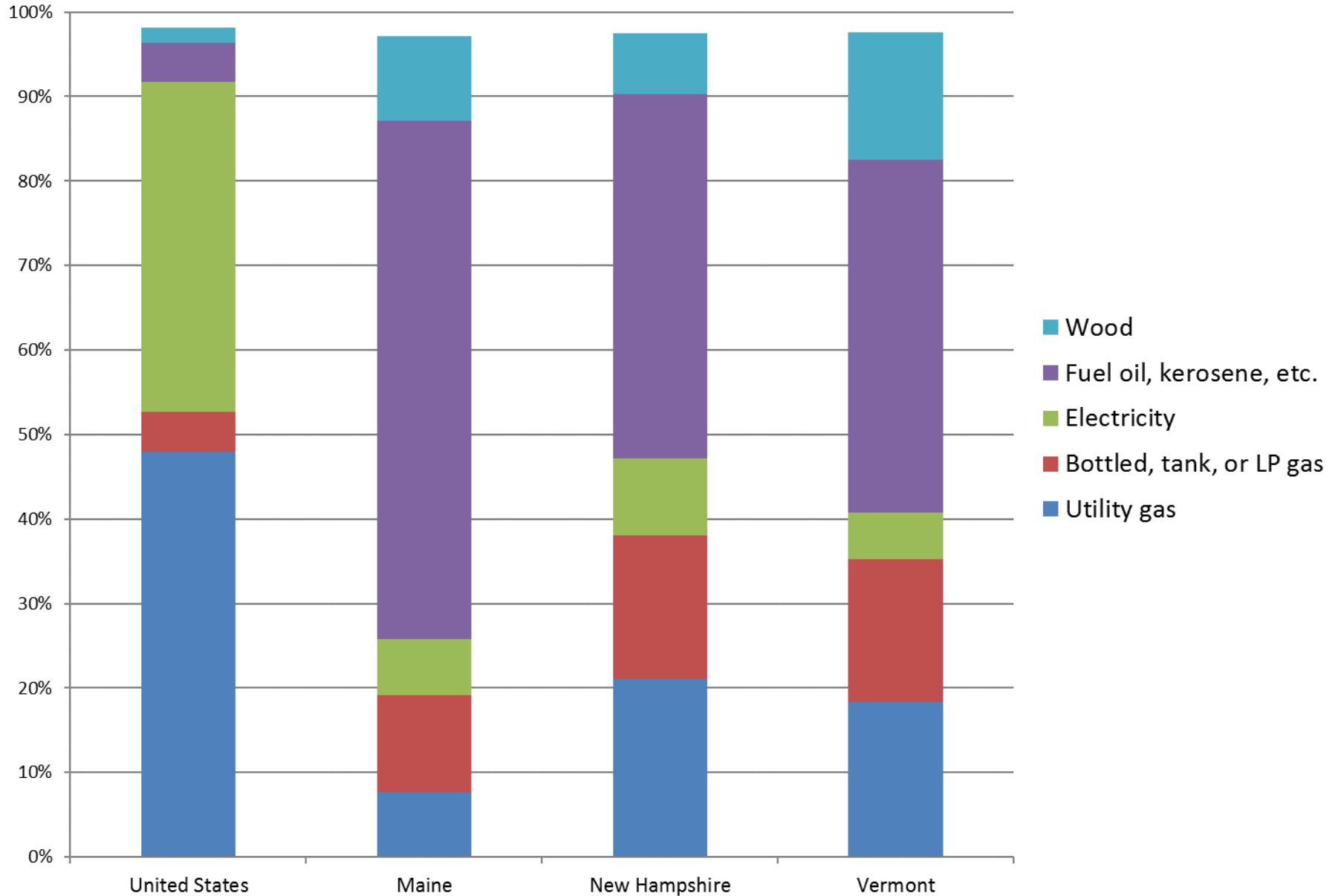
Share of Maine Real GDP by Metropolitan Area



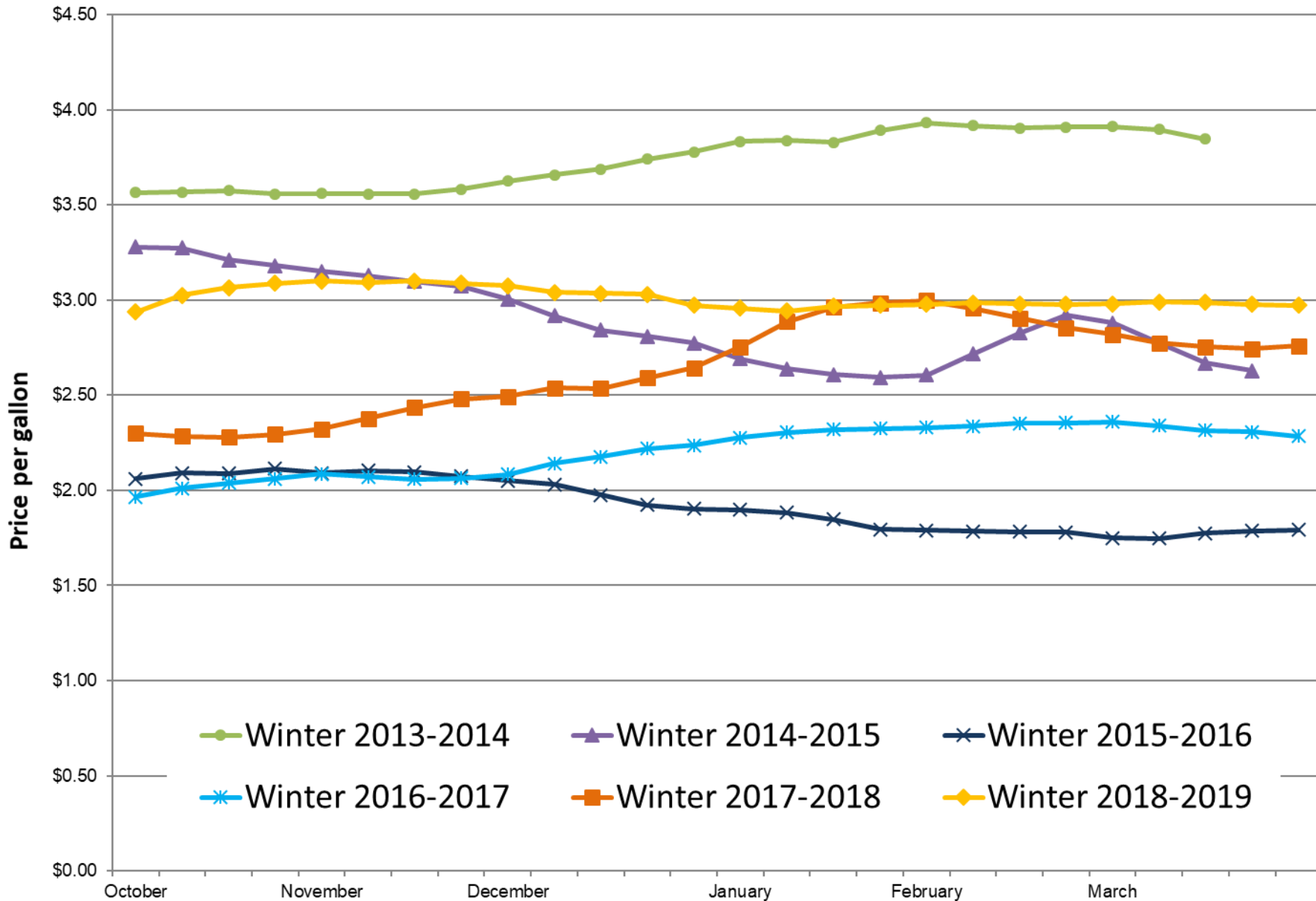
ENERGY

Maine relies heavily on heating oil and gasoline – as a result, crude oil prices have a big impact on Maine's economy

Percent of Housing Units by Type of Primary Heating Fuel (2017)



Maine No. 2 Heating Oil Residential Price



Weekly New England Retail Gasoline Prices (Dollars per Gallon)



Source: U.S. Energy Information Administration

TAXABLE RETAIL SALES

Maine Retail Sales	% Change from Mar. 2018 to Mar. 2019	% Change last three months / same 3 month period one year ago
Building Supply	2.8%	3.5%
Food Store	0.8%	1.2%
General Merchandise	5.0%	2.0%
Other Retail	7.1%	7.6%
Restaurant	4.9%	4.3%
Lodging	17.4%	20.1%
Auto Transportation	6.4%	4.4%
Total	5.9%	5.2%
Business Operating	11.2%	12.3%
Personal Consumption	5.2%	4.3%

THE NEAR-UNIVERSAL CHALLENGE: WORKFORCE

Existing workforce is aging, population growth has been slow (although starting to accelerate), and unemployment is at historic lows

Solution: need to continue attracting new workers and utilizing all the potential workers we already have

How do we make sure workers know there are jobs in Maine?

CONTACT INFORMATION

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