MAINE'S DEMOGRAPHICS AND WORKFORCE

Maine Community College Workforce Development meeting

May 6, 2019
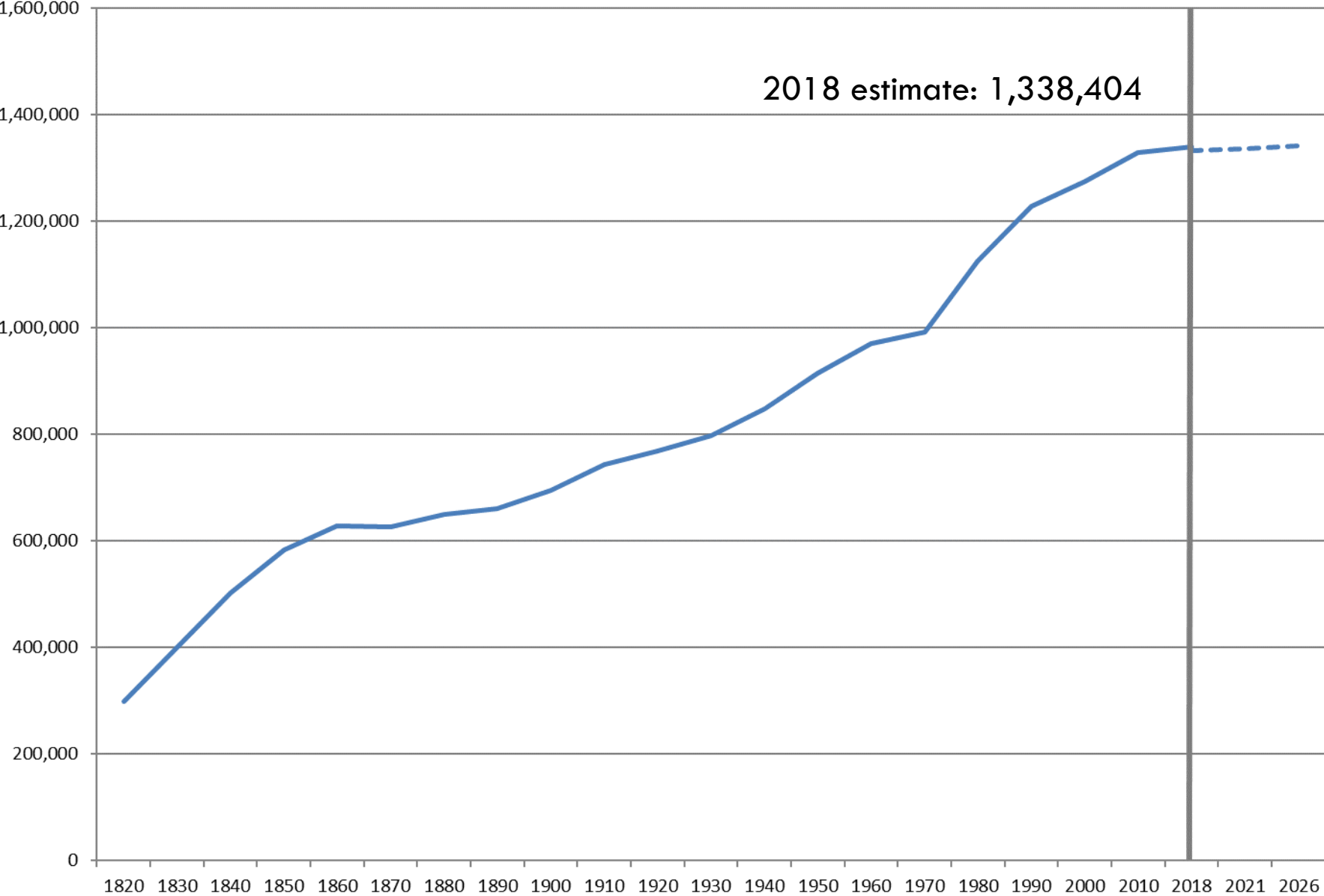
Amanda Rector

Maine State Economist

Department of Administrative and Financial Services

# Demographics: The Big Picture

Total Population, Maine

2018 estimate: 1,338,404

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

Maine
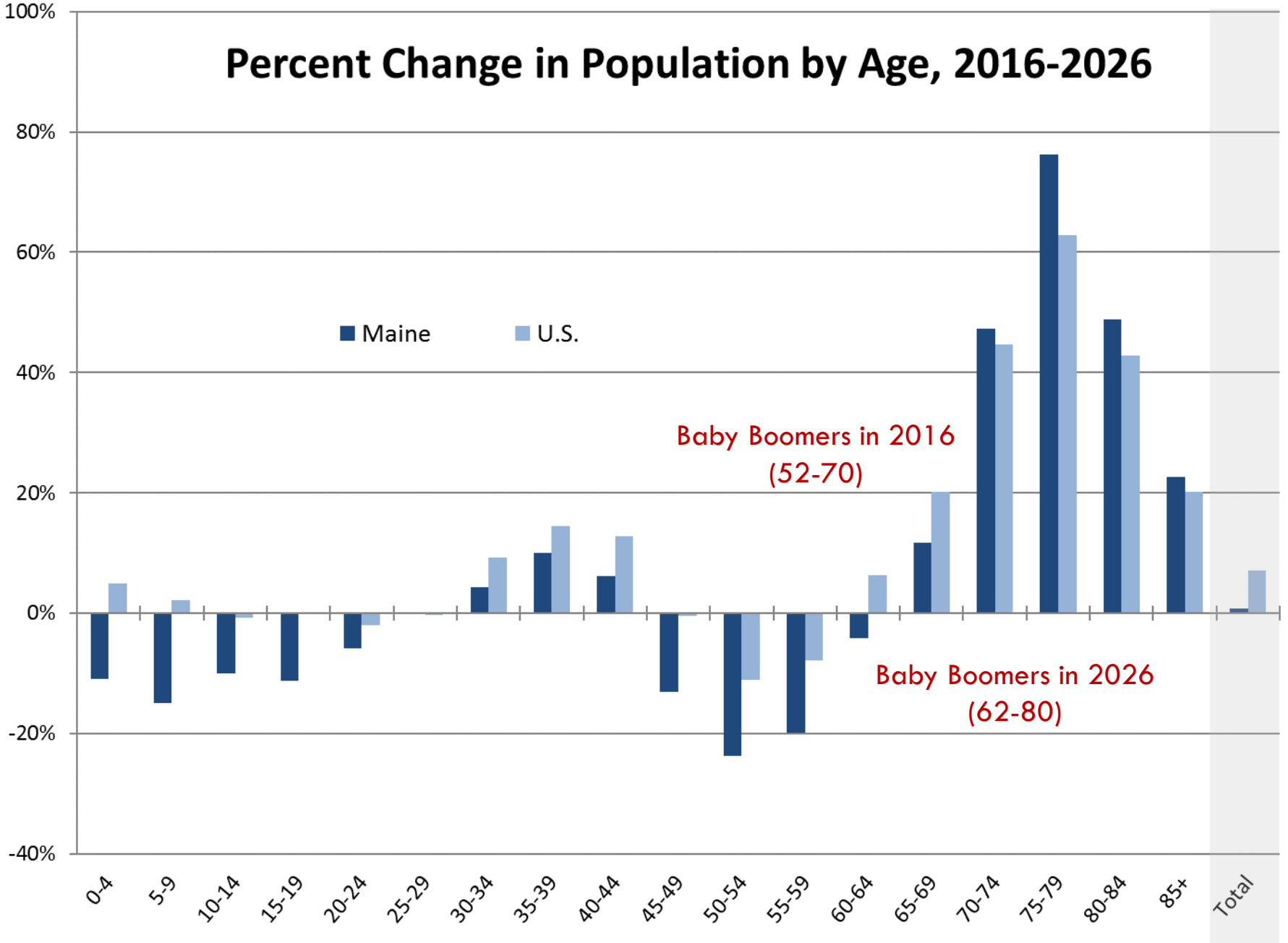
- 2018 Population Estimate: 1,338,404
  - 42nd largest in US

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

- 2017 Median age: 44.7 years
  - Oldest in US

- 93.3% White, Non-Hispanic
  - Highest percentage in US

Maine

The Baby Boom Wave
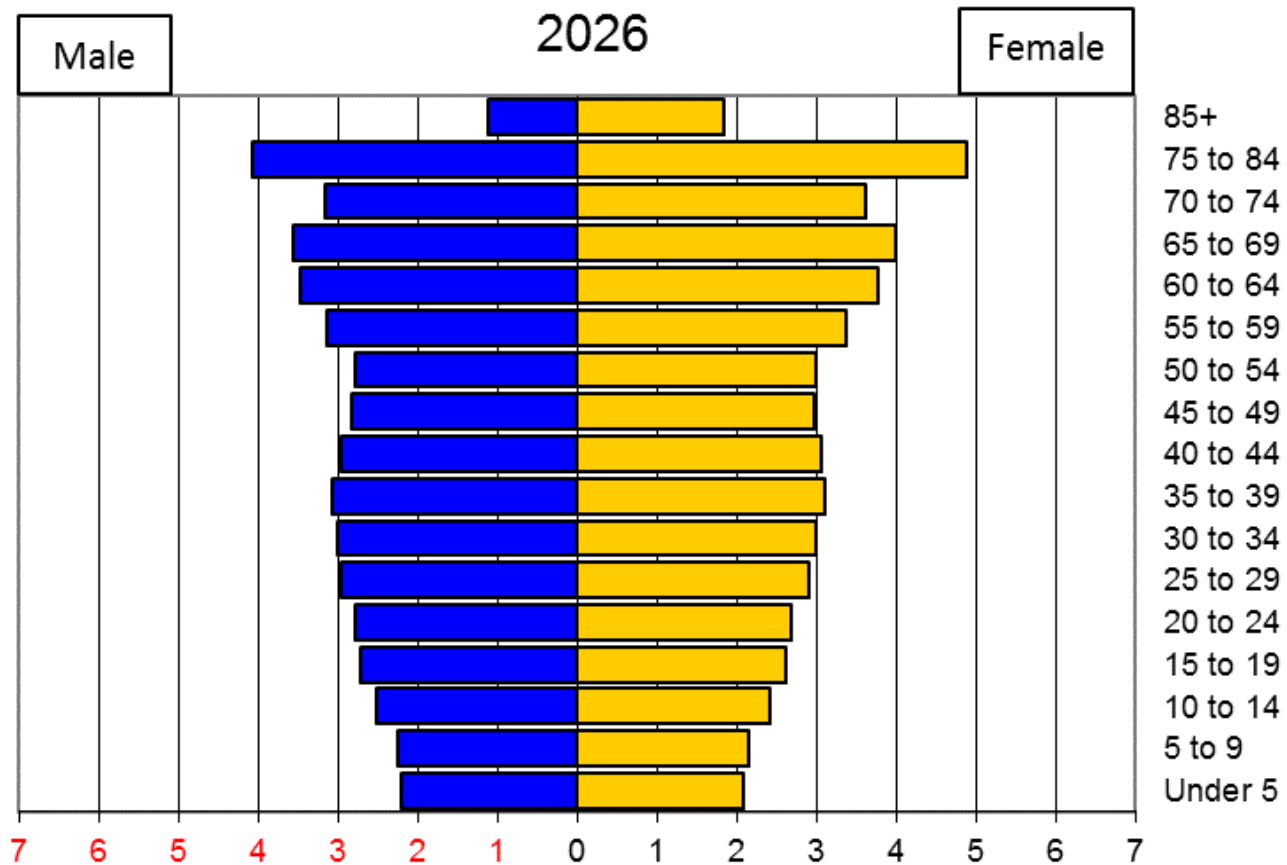
Percent Change in Population by Age, 2016-2026

Baby Boomers in 2016
(52-70)

Baby Boomers in 2026
(62-80)

■ Maine   ■ U.S.

Sources: State Economist population projections (Maine) and U.S. Census Bureau population projections (U.S.)

Maine Population Trends by Age
1950-2026

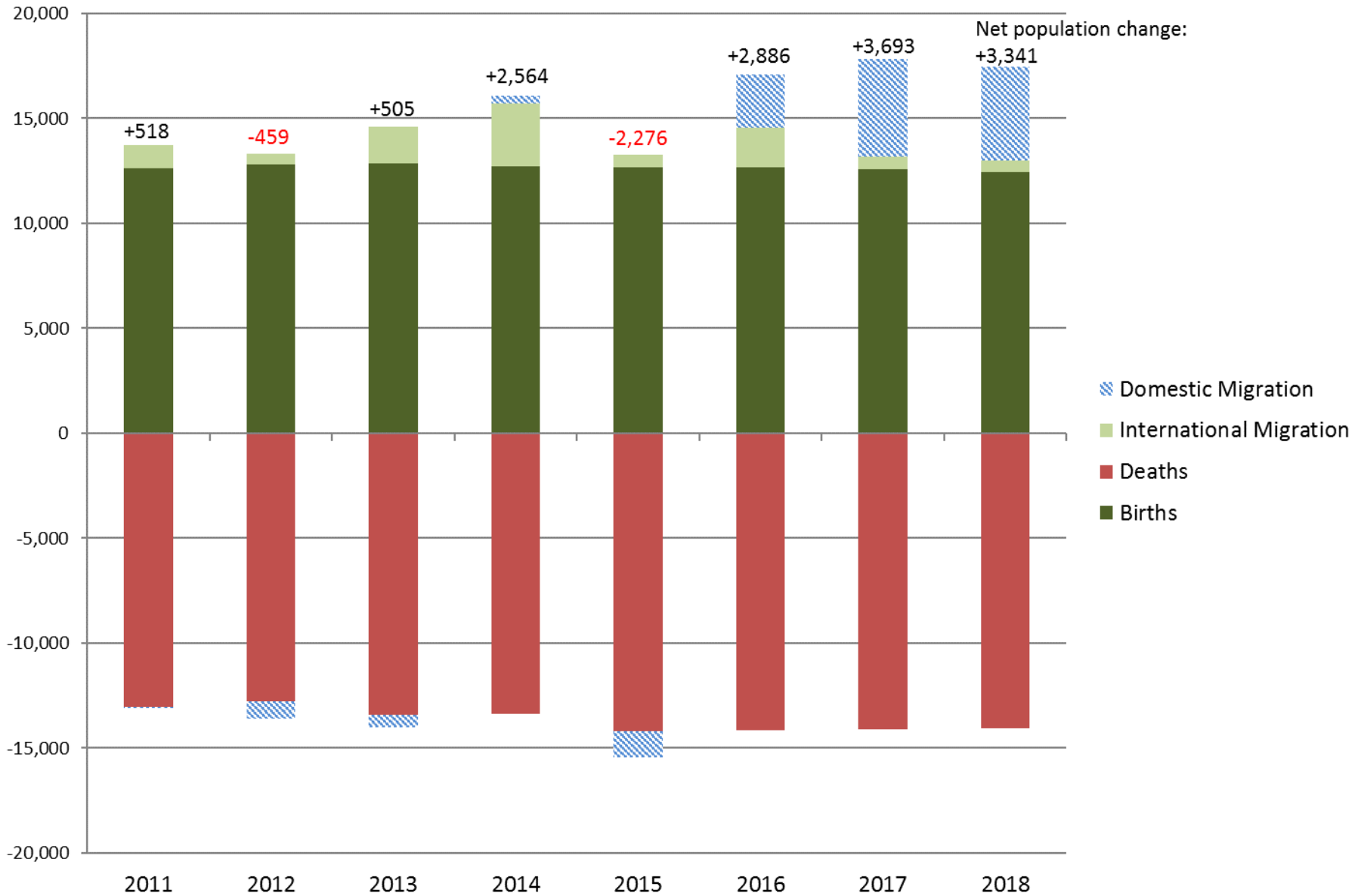Historical   Projected

25-64 years

65 and older

5-19 years

20-24 years

0-4 years

Births and Deaths per year in Maine

Legend: Births, Deaths
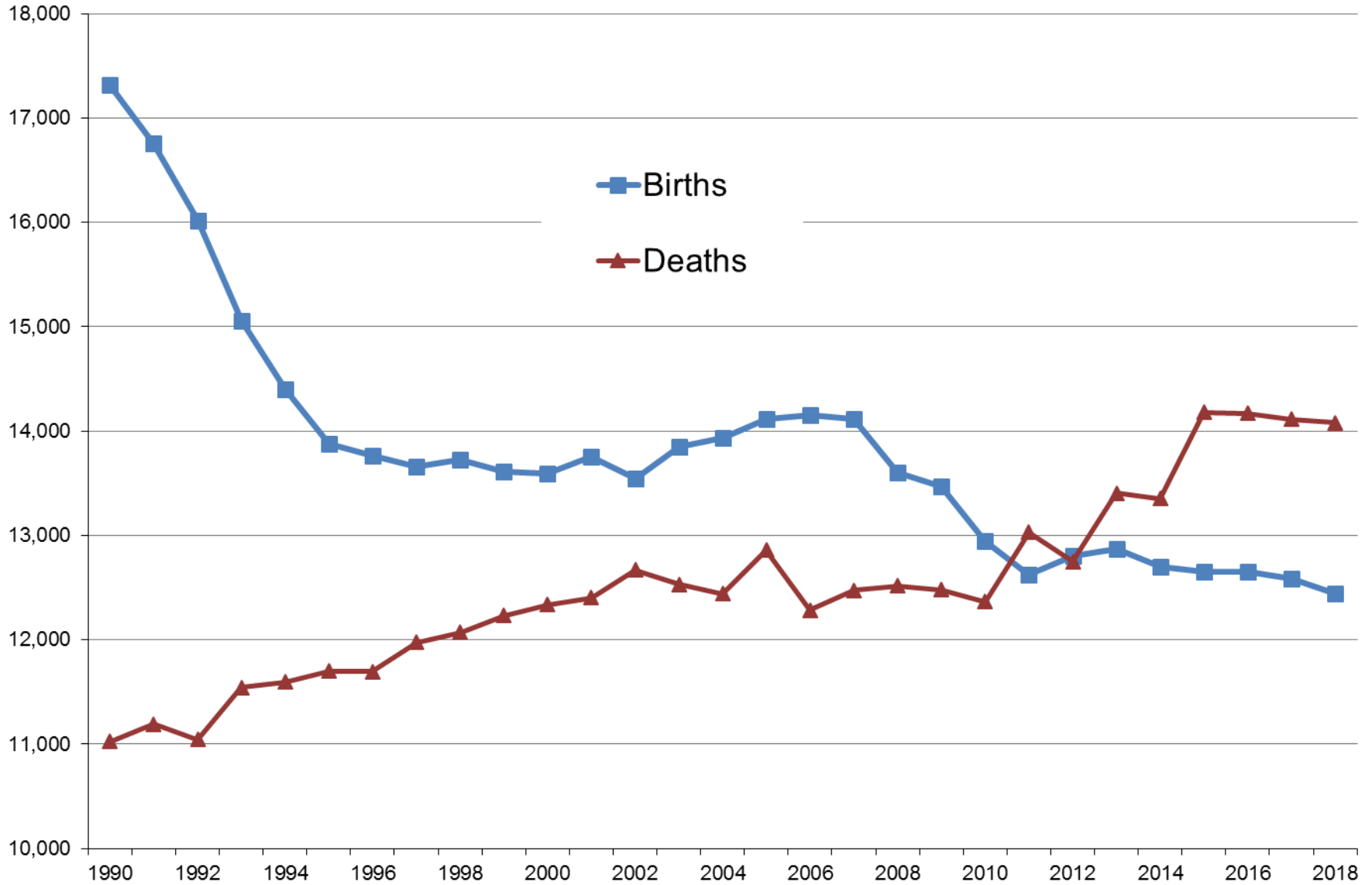
Components of Population Change, Maine

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

Where are people moving to/from?

2017 State-to-State Migration Patterns			
Moved to Maine from:		**Moved from Maine to:**	
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

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

Who are the people moving to Maine?

- Age:
  - 25-29: net gain of 2,658 (annual migration rate 3.5%)
  - 30-34: +1,565 (2.0%)

- Educational attainment:
  - Bachelor's Degree: net gain of 2,966
  - Graduate or Professional Degree: +1,896

Regional Variations

Regions of Maine
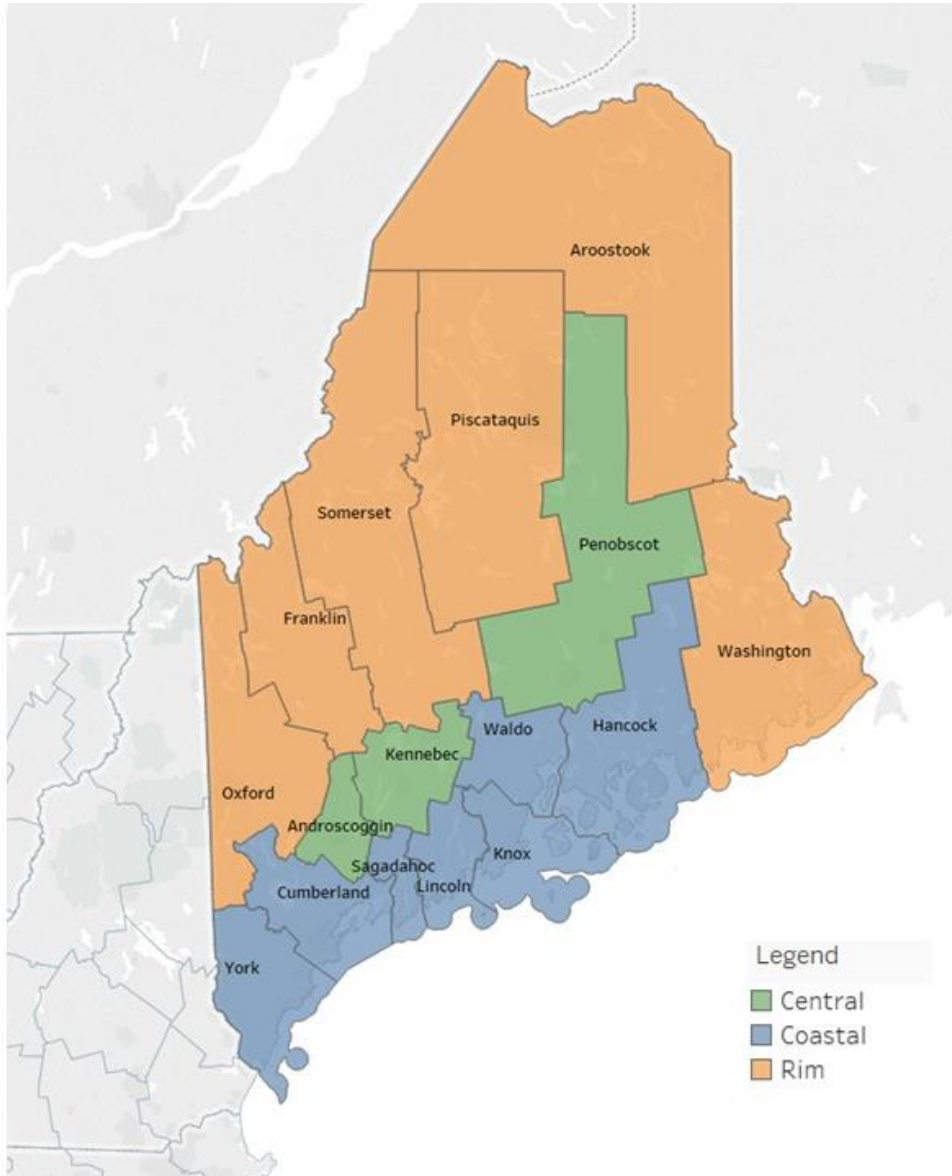
□ Three counties had peak decennial population in a year other than 2010:

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

Total Population, Regions of Maine

Coastal ——— Central ——— Rim

Median Age

Maine average = 44.7 years
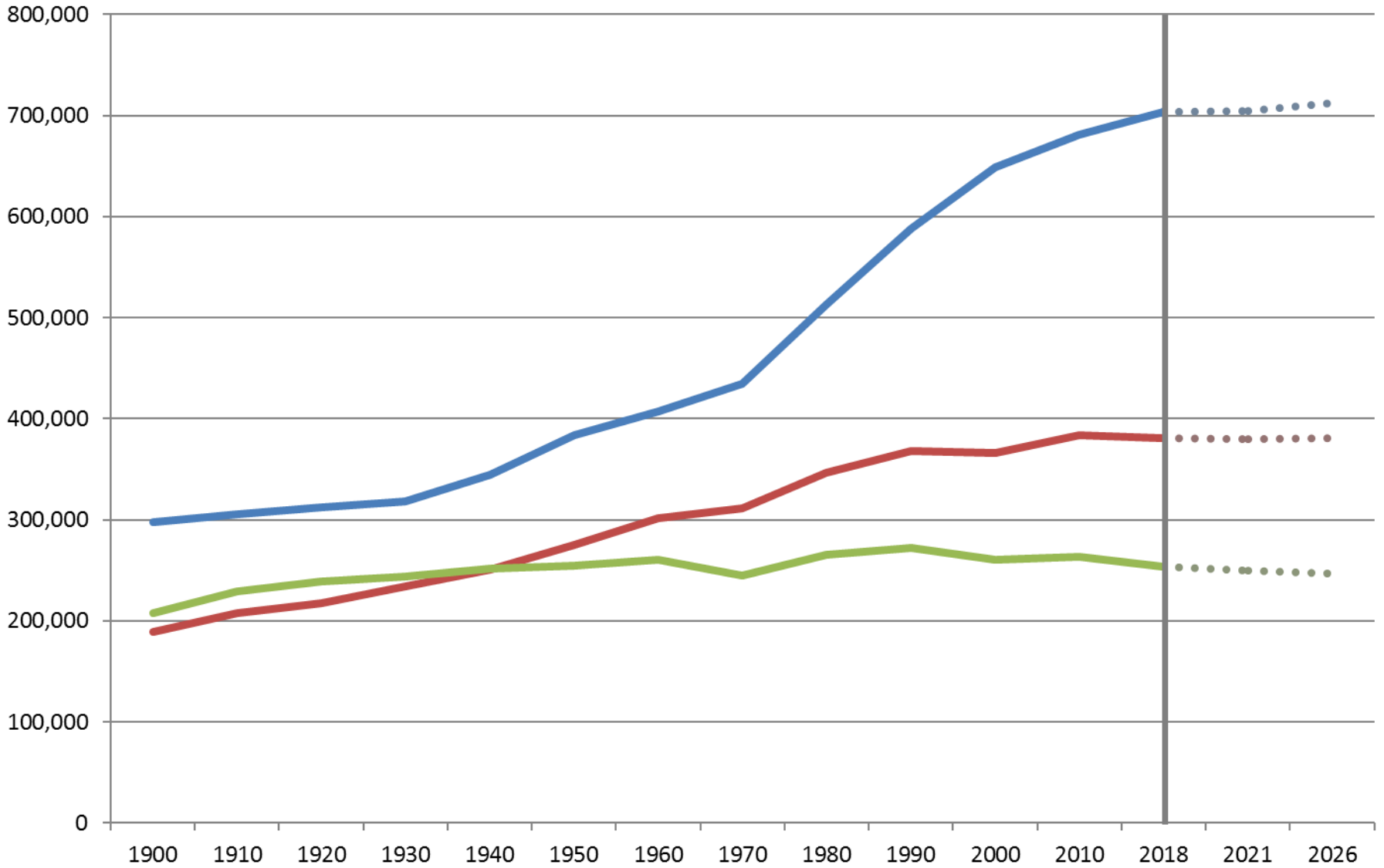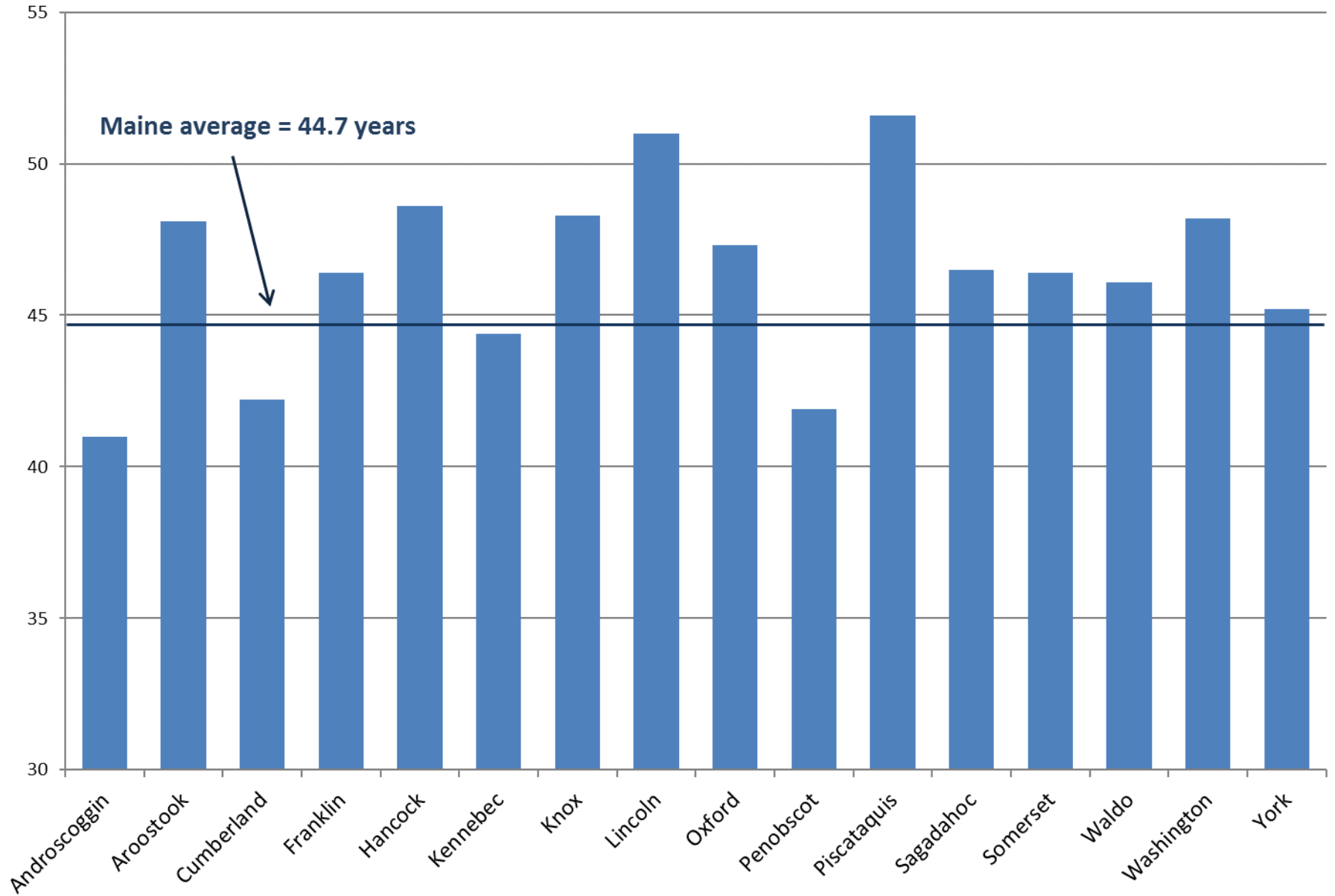
Cumulative Births and Deaths, 2010-2018

Source: U.S. Census Bureau, Population Estimates Program
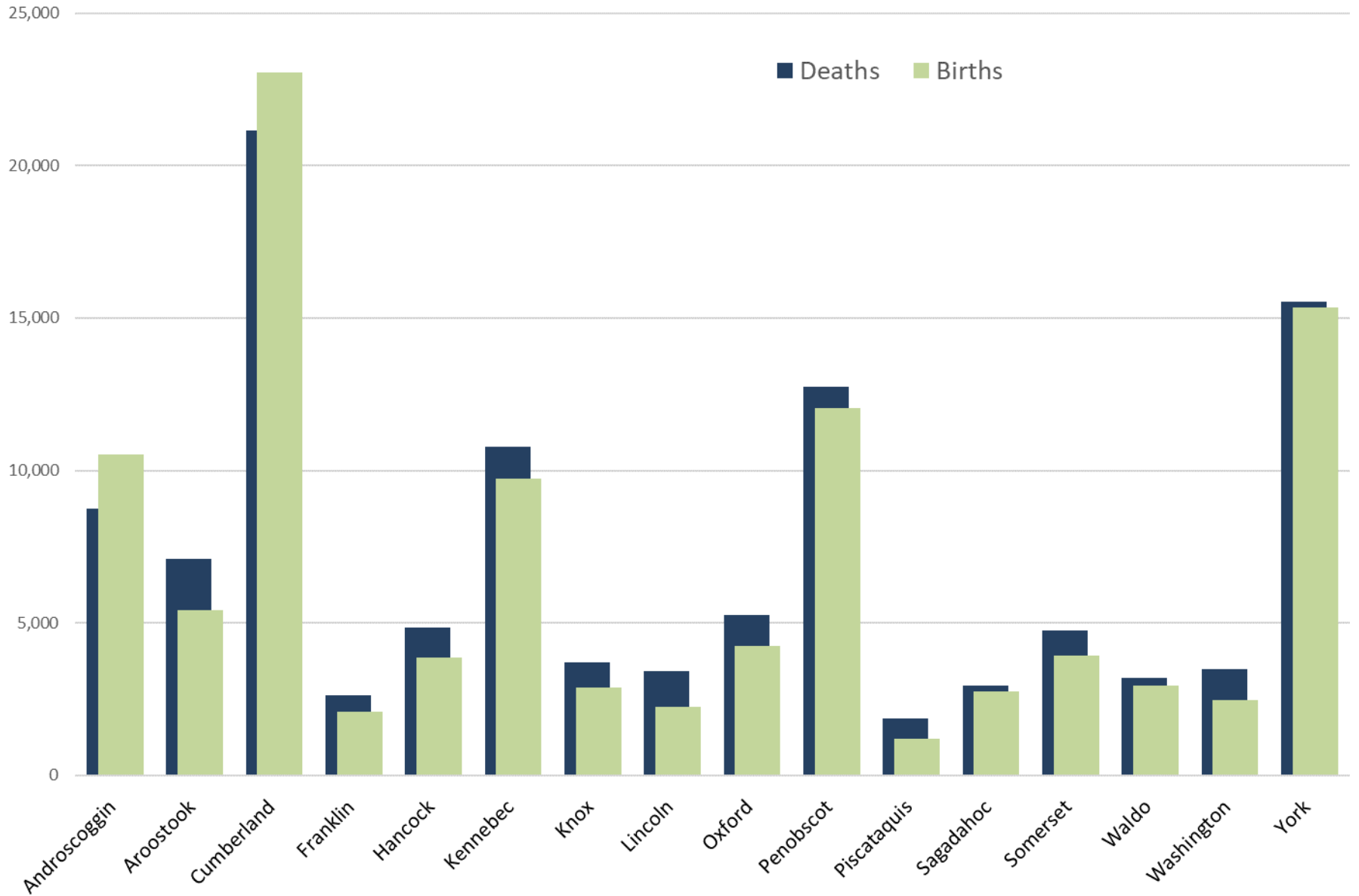
Births and Deaths, 2017-2018

Legend: ■ Deaths ■ Births
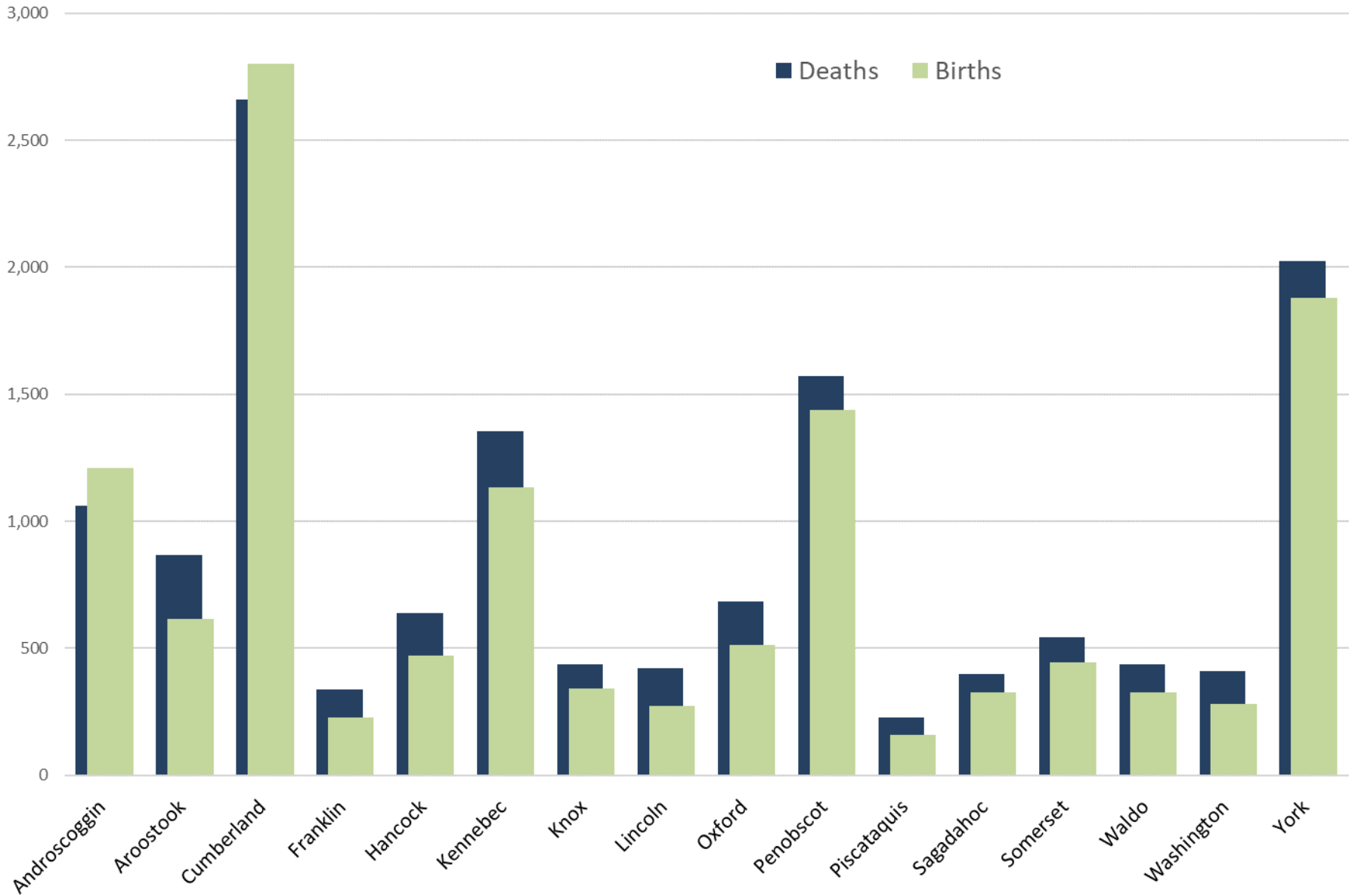
Source: U.S. Census Bureau, Population Estimates Program

Counties with positive net migration

2010 - 2018	2017 - 2018
☐ Cumberland (10,151)	☐ York (1,856)
☐ York (9,412)	☐ Cumberland (1,080)
☐ Hancock (1,408)	☐ Kennebec (386)
☐ Waldo (1,200)	☐ Hancock (382)
☐ Lincoln (1,083)	☐ Oxford (366)
☐ Kennebec (1,067)	☐ Lincoln (304)
☐ Knox (911)	☐ Sagadahoc (288)
☐ Oxford (840)	☐ Somerset (273)
☐ Sagadahoc (533)	☐ Franklin (155)
	☐ Washington (85)
	☐ Piscataquis (68)
	☐ Penobscot (51)

Workforce and Employment

Maine Civilian Labor Force
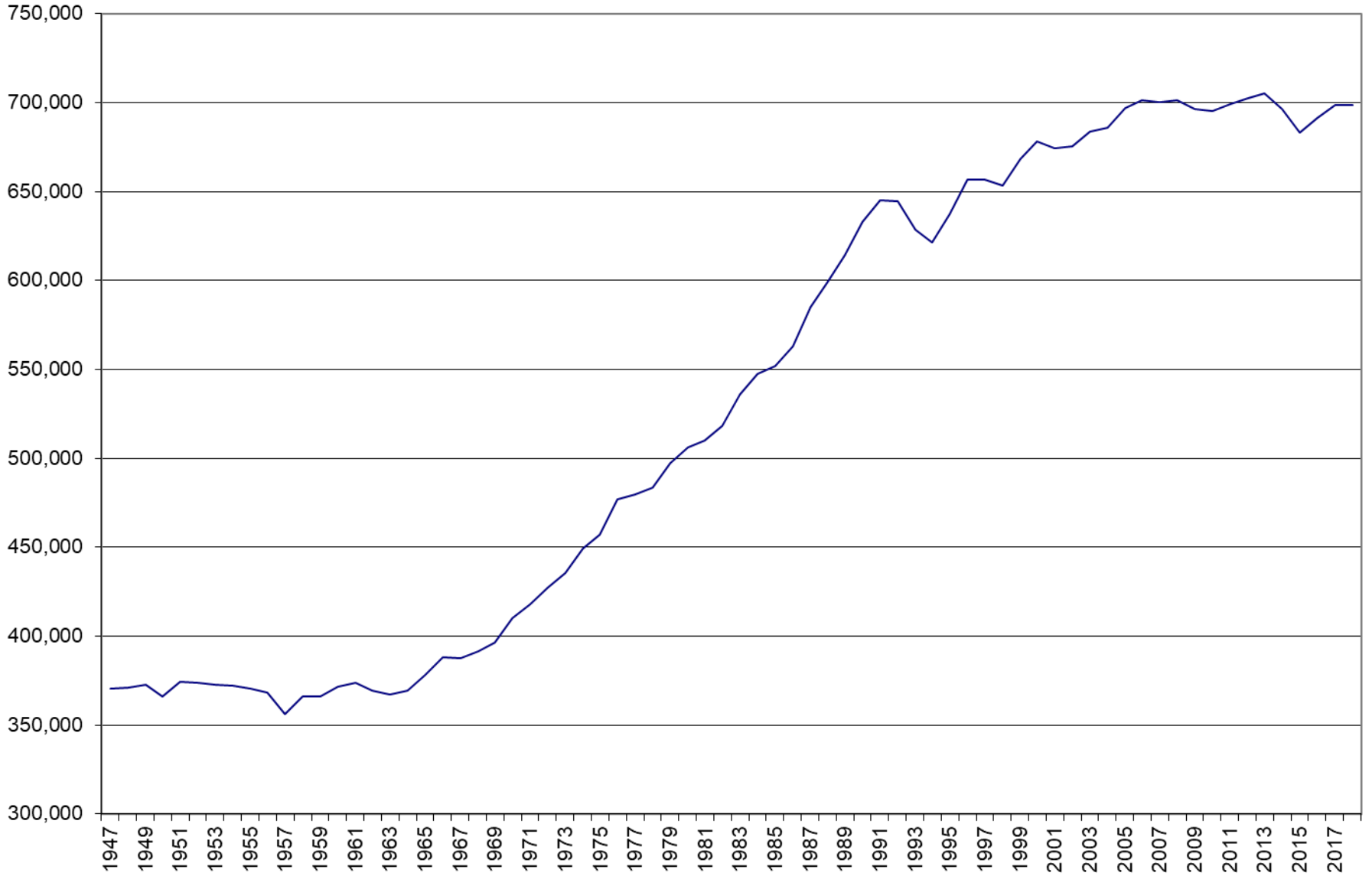
Projected Population Change and Participation Rates by Age Group in Maine
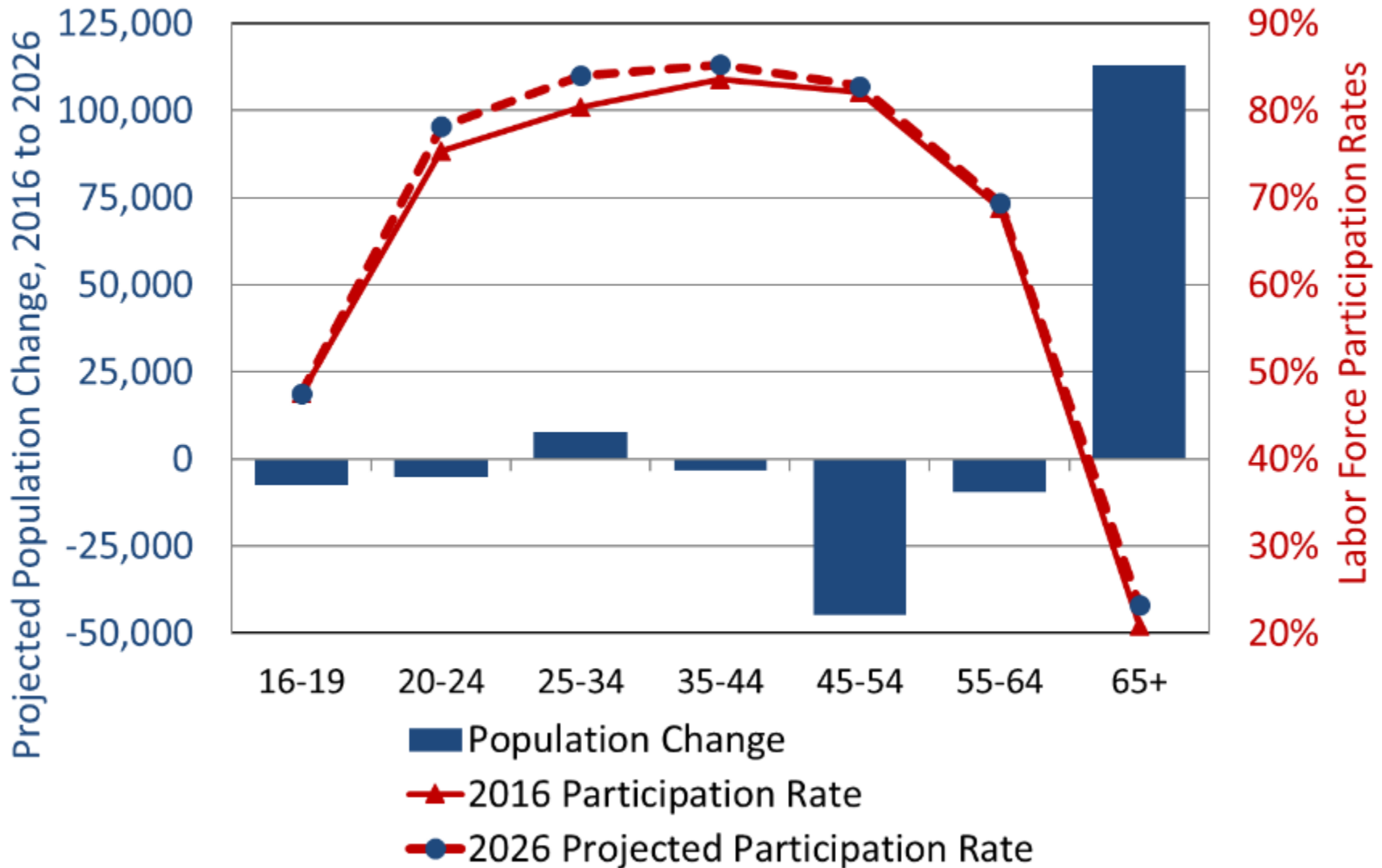
Source: Maine Department of Labor, *Employment Outlook to 2026;*
https://cwri1.blogspot.com/2018/07/employment-outlookto-2026.html

Monthly Unemployment Rate
(Seasonally Adjusted)

Legend: Maine, U.S., New England avg (Maine excluded)
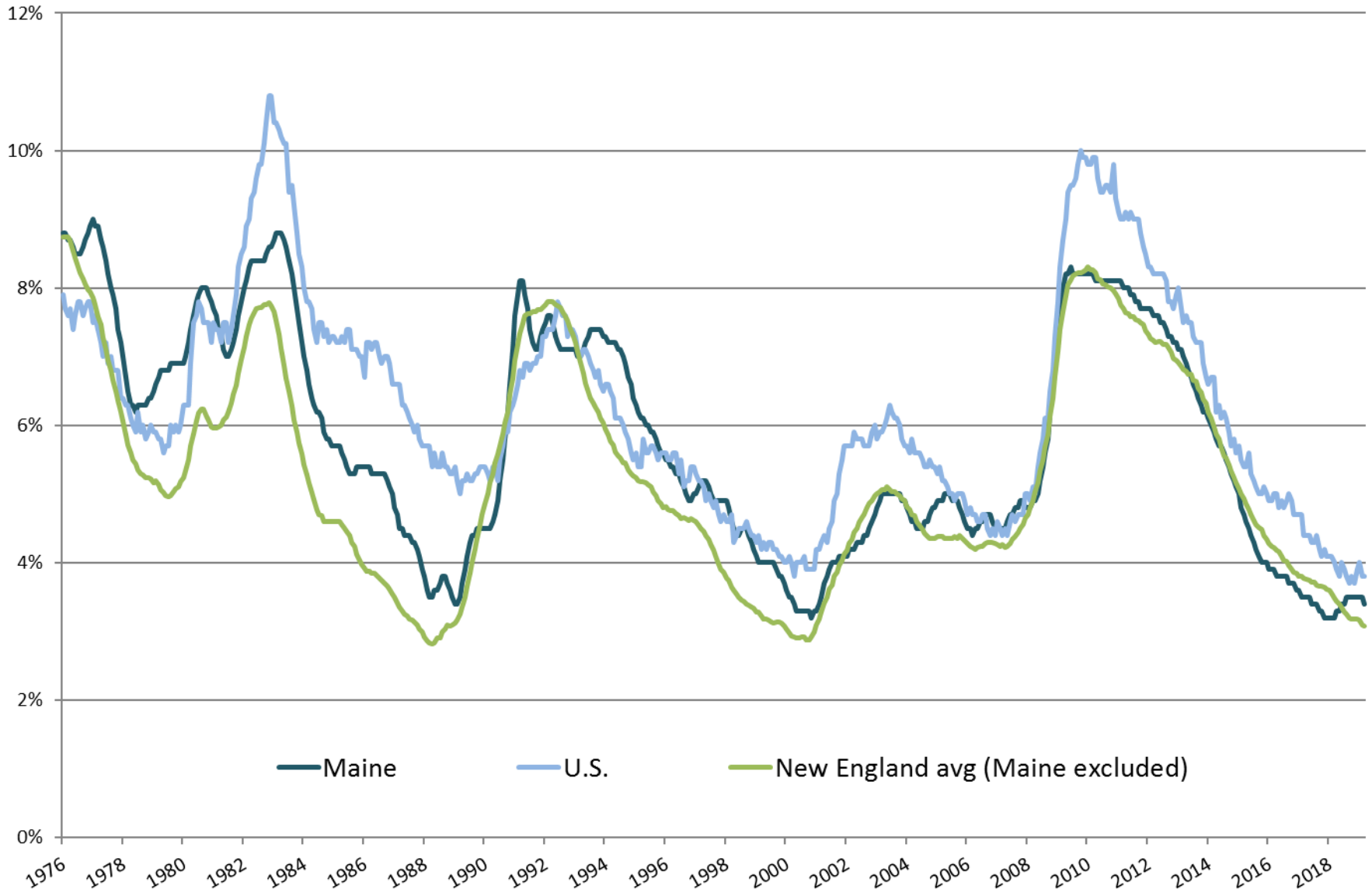
Alternative Measures of Labor Undertilization - Maine

Legend:
- U-6, U-5 plus total employed part time for economic reasons
- U-5, U-4 plus marginally attached workers
- U-4, U-3 plus discouraged workers
- U-3, Total Unemployed
- U-2, Job losers and persons who completed temporary jobs
- U-1, Persons unemployed 15 weeks or longer
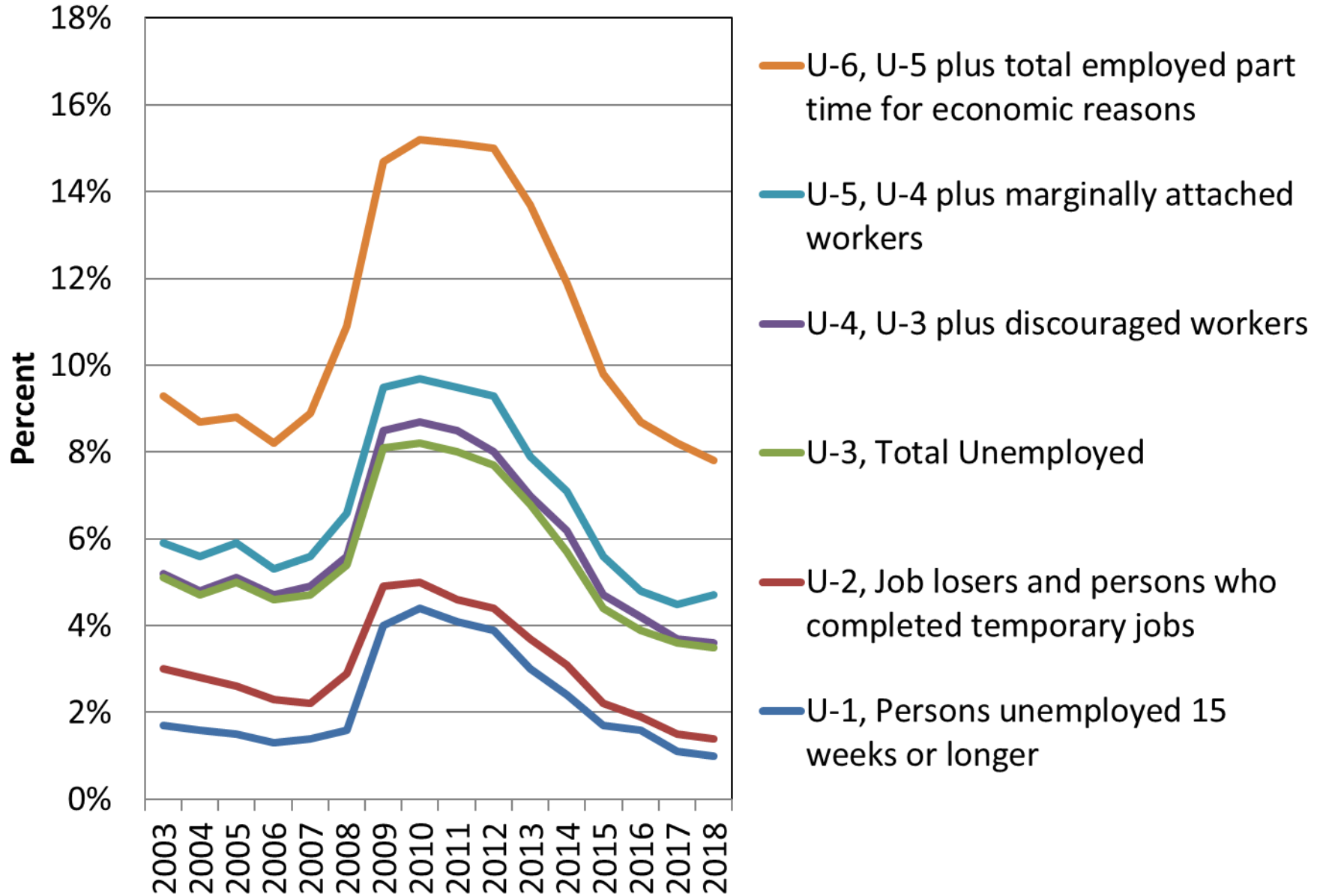
Total Nonfarm Employment (in thousands)
History and CEFC forecast
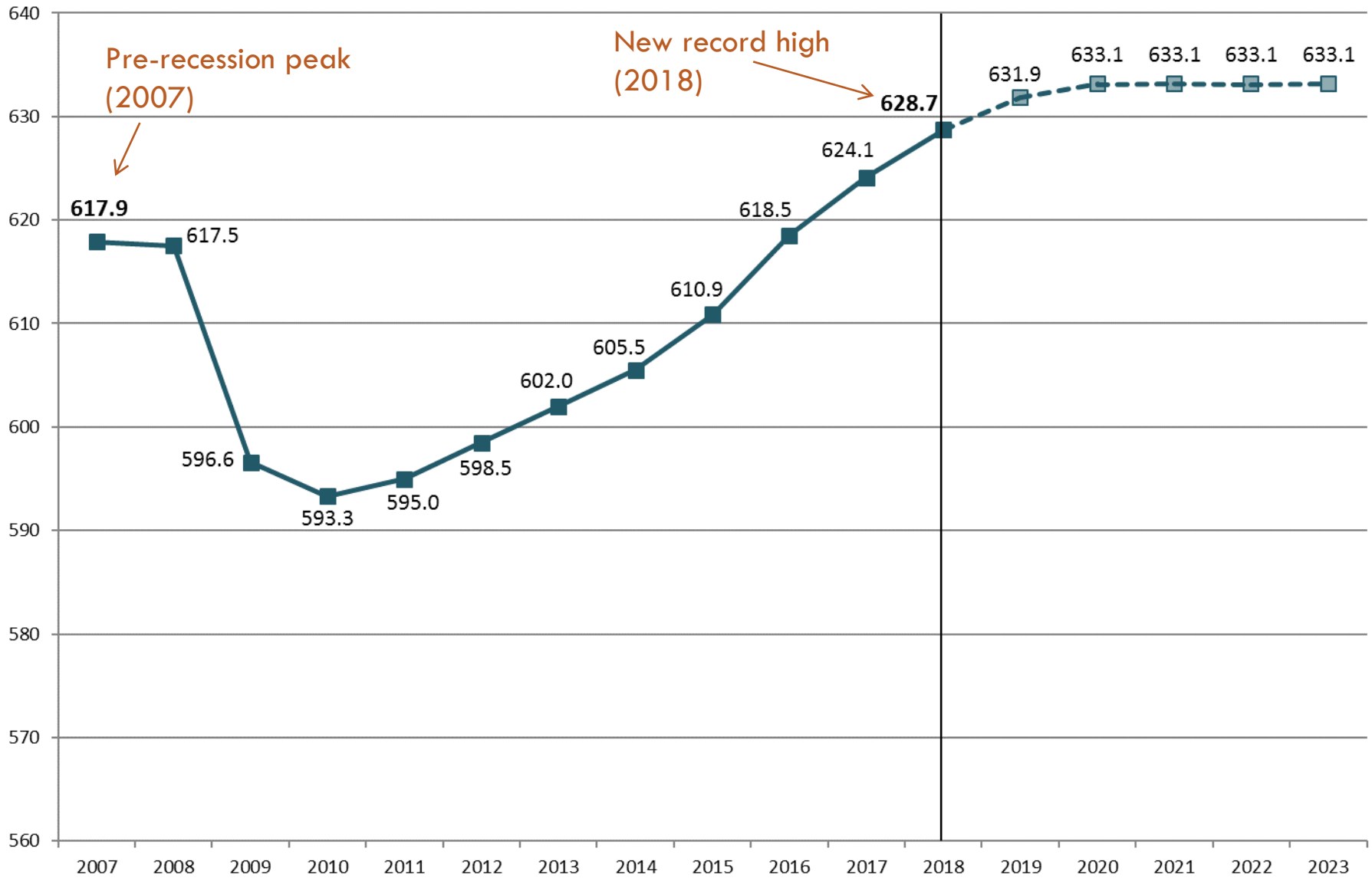
Pre-recession peak (2007)

New record high (2018)

617.9
617.5
596.6
593.3
595.0
598.5
602.0
605.5
610.9
618.5
624.1
628.7
631.9
633.1
633.1
633.1
633.1

2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023

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

4/1/2019	11/1/2018	2/1/2018	11/1/2017	4/1/2017	11/1/2016

Values shown on chart: 617.7, 633.1, 631.7, 627.1, 623.3, 618.8, 618.2

Y-axis: 570, 580, 590, 600, 610, 620, 630, 640

X-axis: 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023

Maine Wage and Salary Employment by Industry (in thousands)
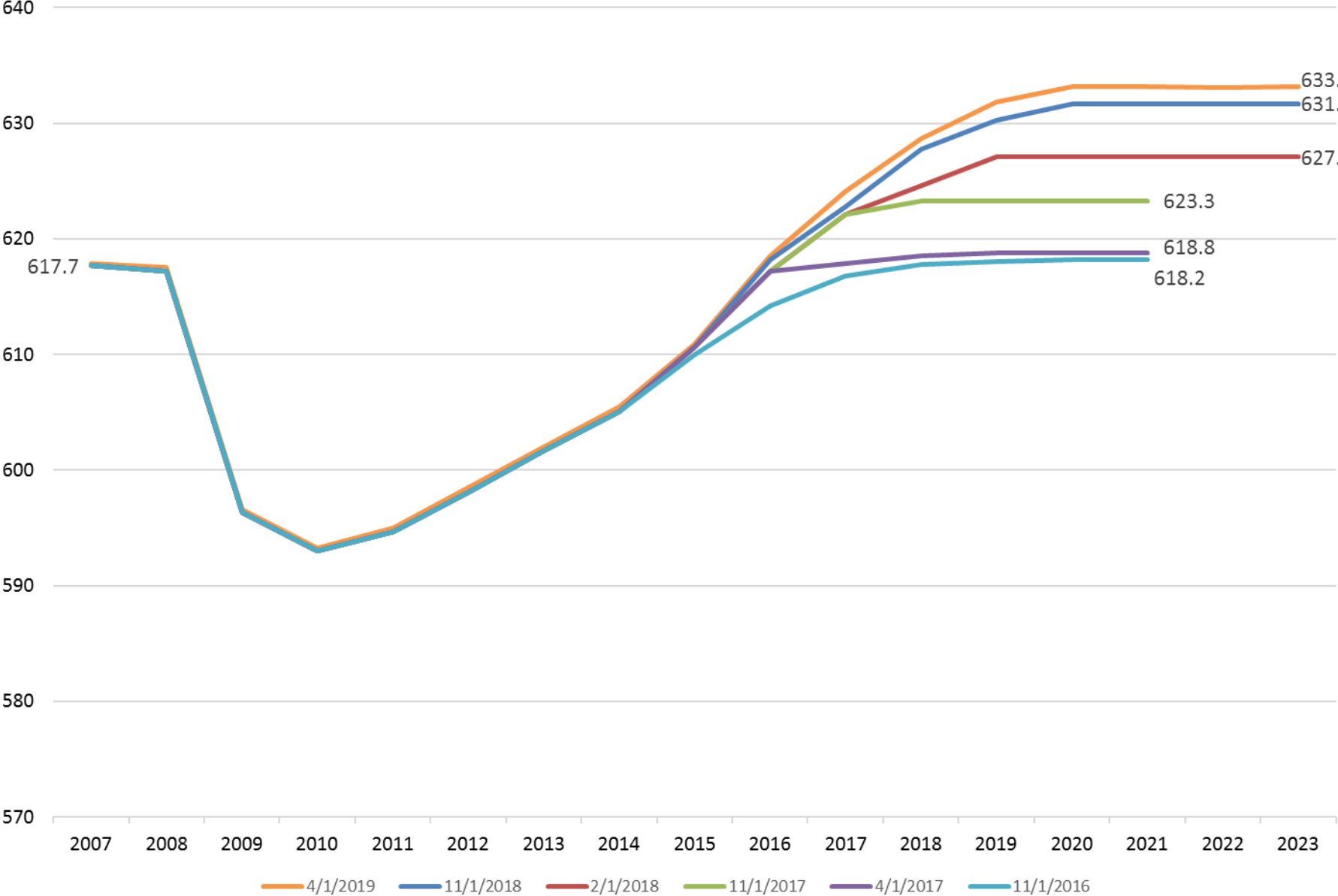
Legend:
- Education and Health Services
- Manufacturing
- Professional and Business Services

Maine Wage and Salary Employment by Industry

Source: Maine Department of Labor, Center for Workforce Research and Information
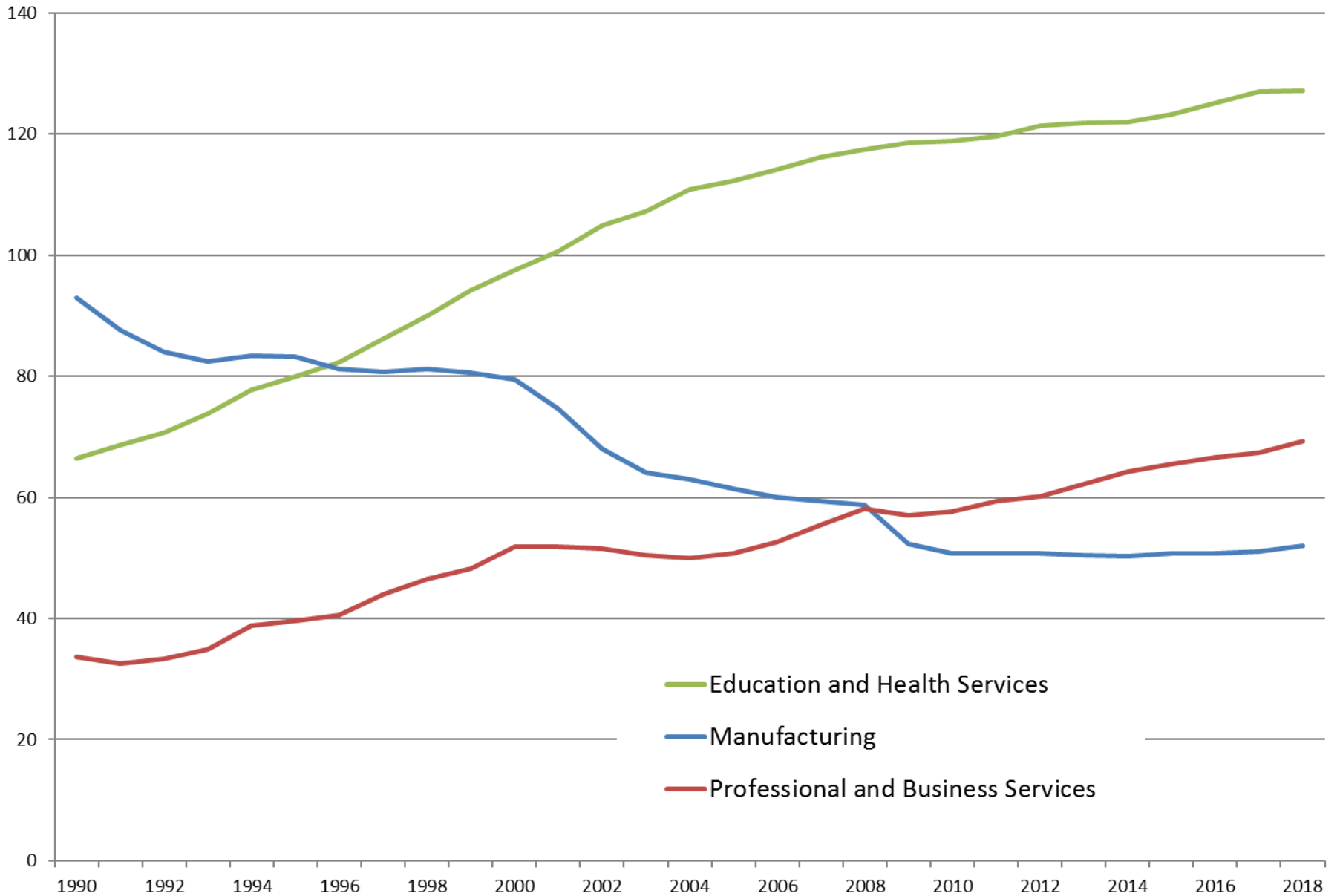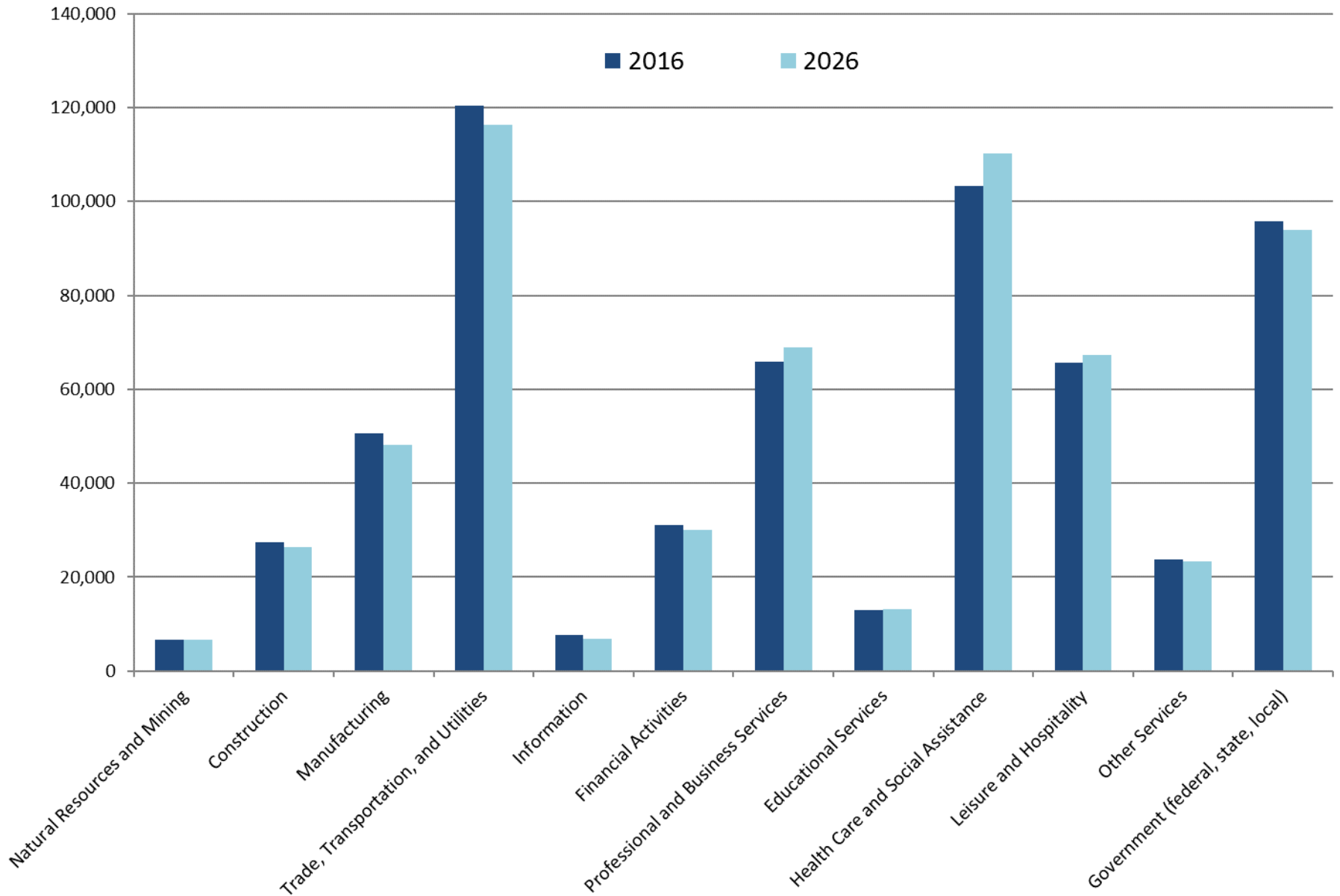
Industries Projected to Gain the Largest Number of Jobs in Maine Between 2016 and 2026

Industry	Jobs
Hospitals	3,453
Ambulatory health care services	2,726
Administrative and support services	2,009
Food services and drinking places	1,506
Nursing and residential care facilities	947
Accommodation	220
Beverage and tobacco product manufacturing	204
Waste management and remediation services	202
Animal production	200
Chemical manufacturing	186

25 Occupations with the Fastest Projected Rate of Job Growth in Maine

Display
- ⦿ Graph
- ○ Table

Top
25

Education Requirement:
- ⦿ All
- ○ High School Diploma or Less
- ○ Some College or Associate's De..
- ○ Bachelor's Degree or Higher

Select Topic:
- ○ Largest Annual Openings
- ○ Largest Net Job Growth
- ⦿ Fastest Rate of Job Growth
- ○ Largest Net Job Loss
- ○ Fastest Rate of Job Loss

Legend:
- ■ High school diploma or equiv..
- ■ Postsecondary non-degree a..
- ■ Associate's degree
- ■ Bachelor's degree
- ■ Master's degree
- ■ Doctoral or professional degr..
- ■ No formal educational crede..

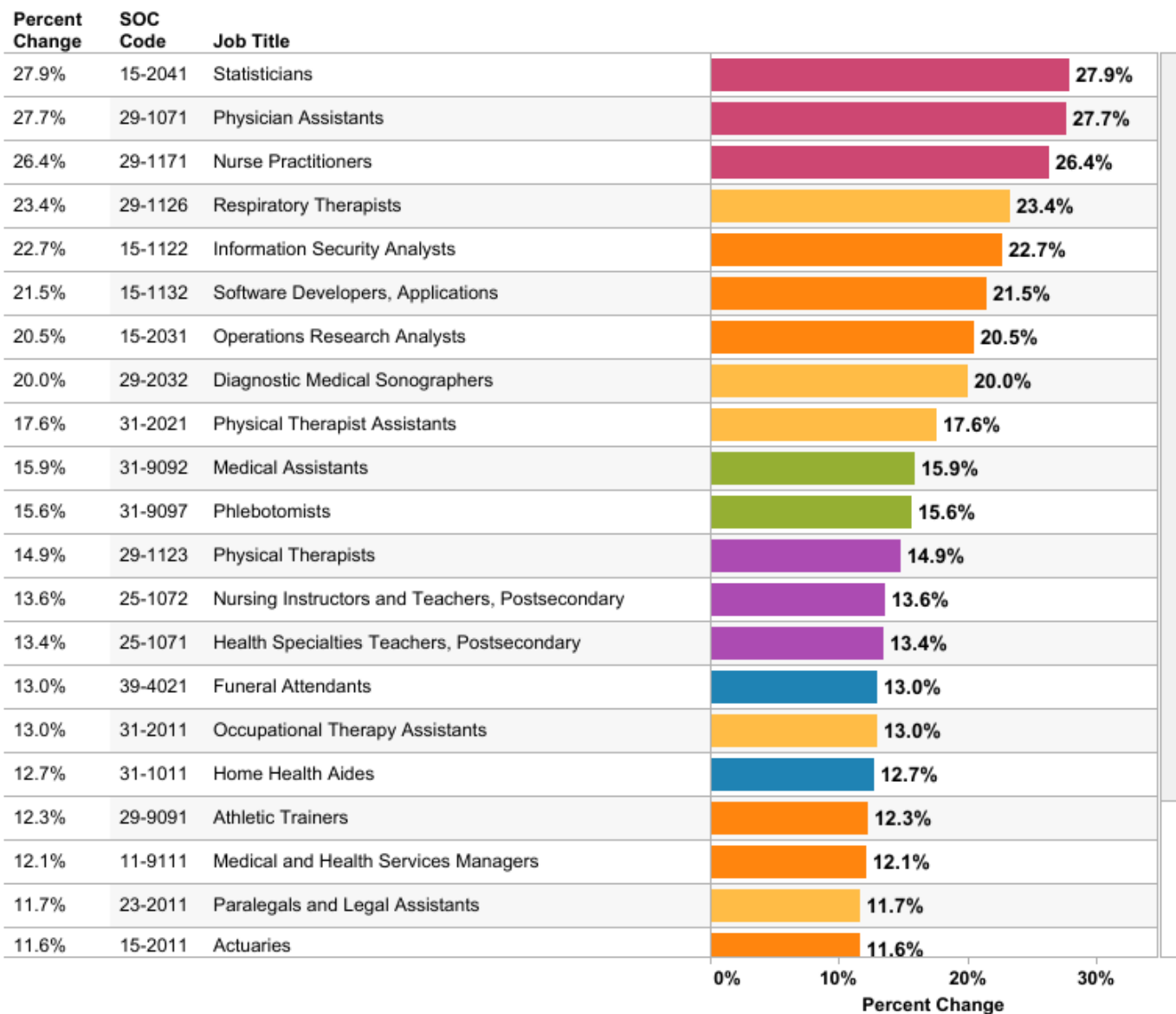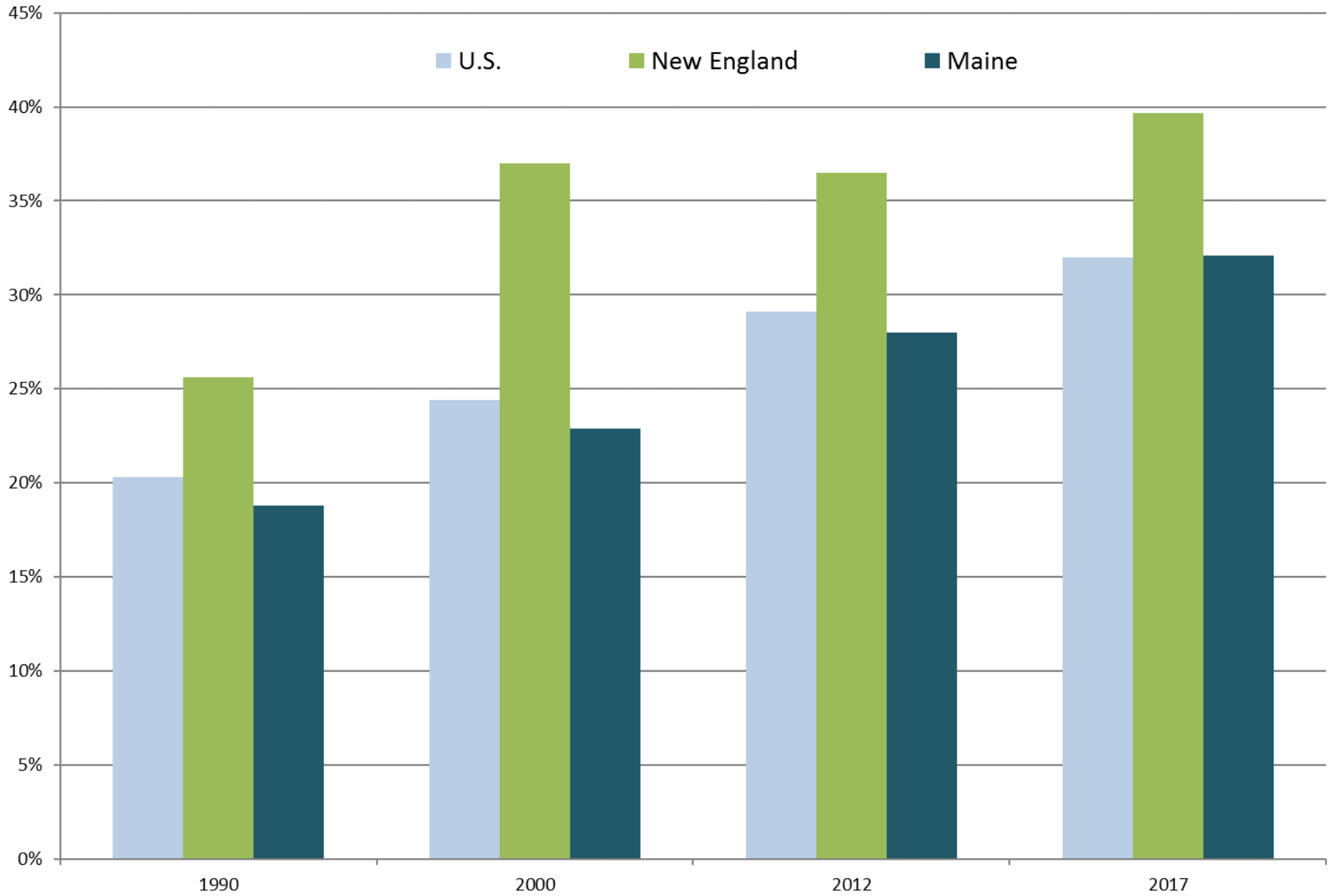| Percent Change	SOC Code	Job Title	
27.9%	15-2041	Statisticians	27.9%
27.7%	29-1071	Physician Assistants	27.7%
26.4%	29-1171	Nurse Practitioners	26.4%
23.4%	29-1126	Respiratory Therapists	23.4%
22.7%	15-1122	Information Security Analysts	22.7%
21.5%	15-1132	Software Developers, Applications	21.5%
20.5%	15-2031	Operations Research Analysts	20.5%
20.0%	29-2032	Diagnostic Medical Sonographers	20.0%
17.6%	31-2021	Physical Therapist Assistants	17.6%
15.9%	31-9092	Medical Assistants	15.9%
15.6%	31-9097	Phlebotomists	15.6%
14.9%	29-1123	Physical Therapists	14.9%
13.6%	25-1072	Nursing Instructors and Teachers, Postsecondary	13.6%
13.4%	25-1071	Health Specialties Teachers, Postsecondary	13.4%
13.0%	39-4021	Funeral Attendants	13.0%
13.0%	31-2011	Occupational Therapy Assistants	13.0%
12.7%	31-1011	Home Health Aides	12.7%
12.3%	29-9091	Athletic Trainers	12.3%
12.1%	11-9111	Medical and Health Services Managers	12.1%
11.7%	23-2011	Paralegals and Legal Assistants	11.7%
11.6%	15-2011	Actuaries	11.6%

Percent Change (x-axis: 0% 10% 20% 30%)

Percent of Population Age 25+ with a Bachelor's Degree or Higher

Legend: U.S. (light blue), New England (green), Maine (dark blue)

Year	U.S.	New England	Maine
1990	20.3%	25.6%	18.8%
2000	24.4%	37.0%	22.9%
2012	29.1%	36.5%	28.0%
2017	32.0%	39.7%	32.1%

Percent of Population Age 25+ with a Graduate or Professional Degree
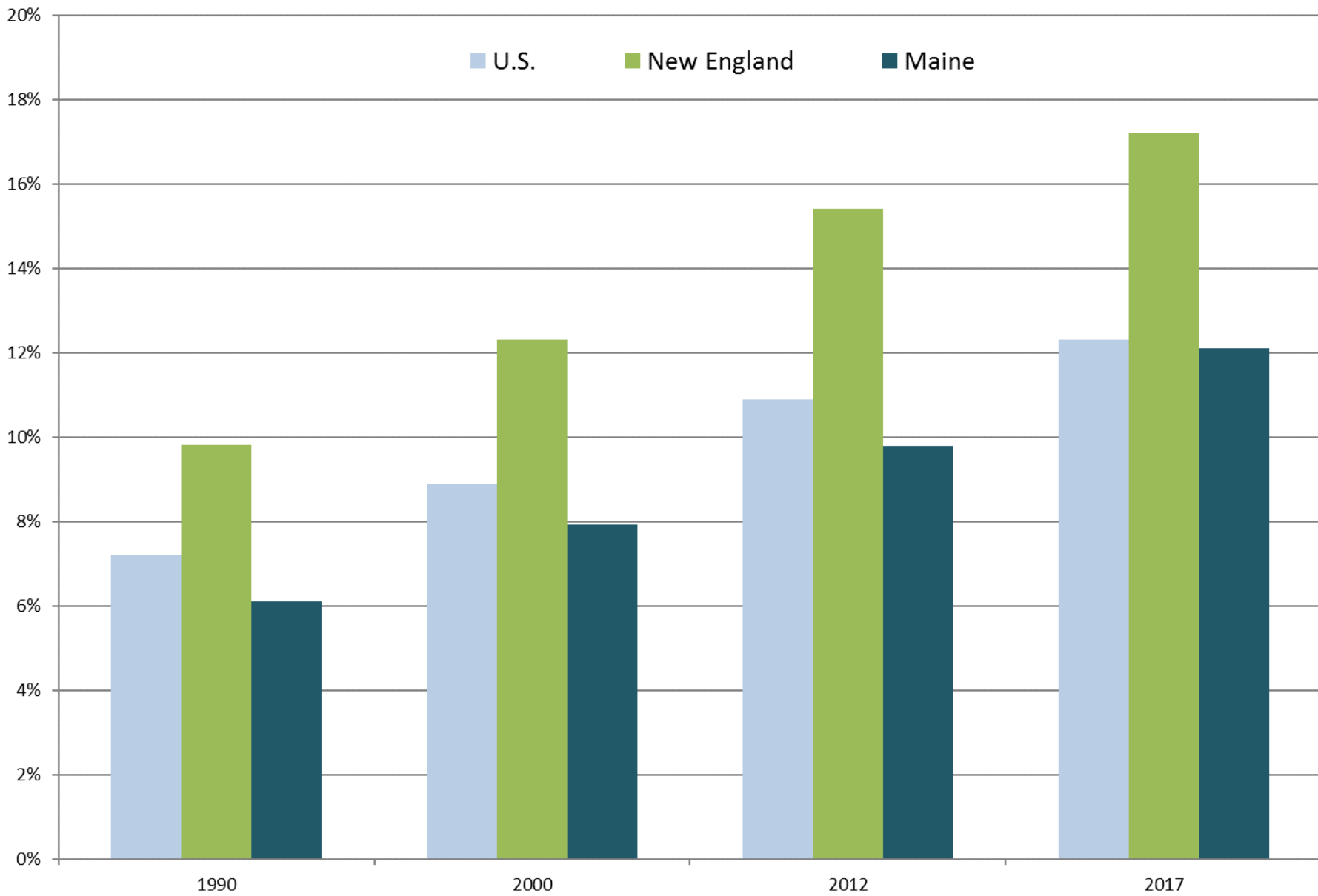
Legend: U.S. | New England | Maine

Percent of Population Age 25+ with Some College, No Degree
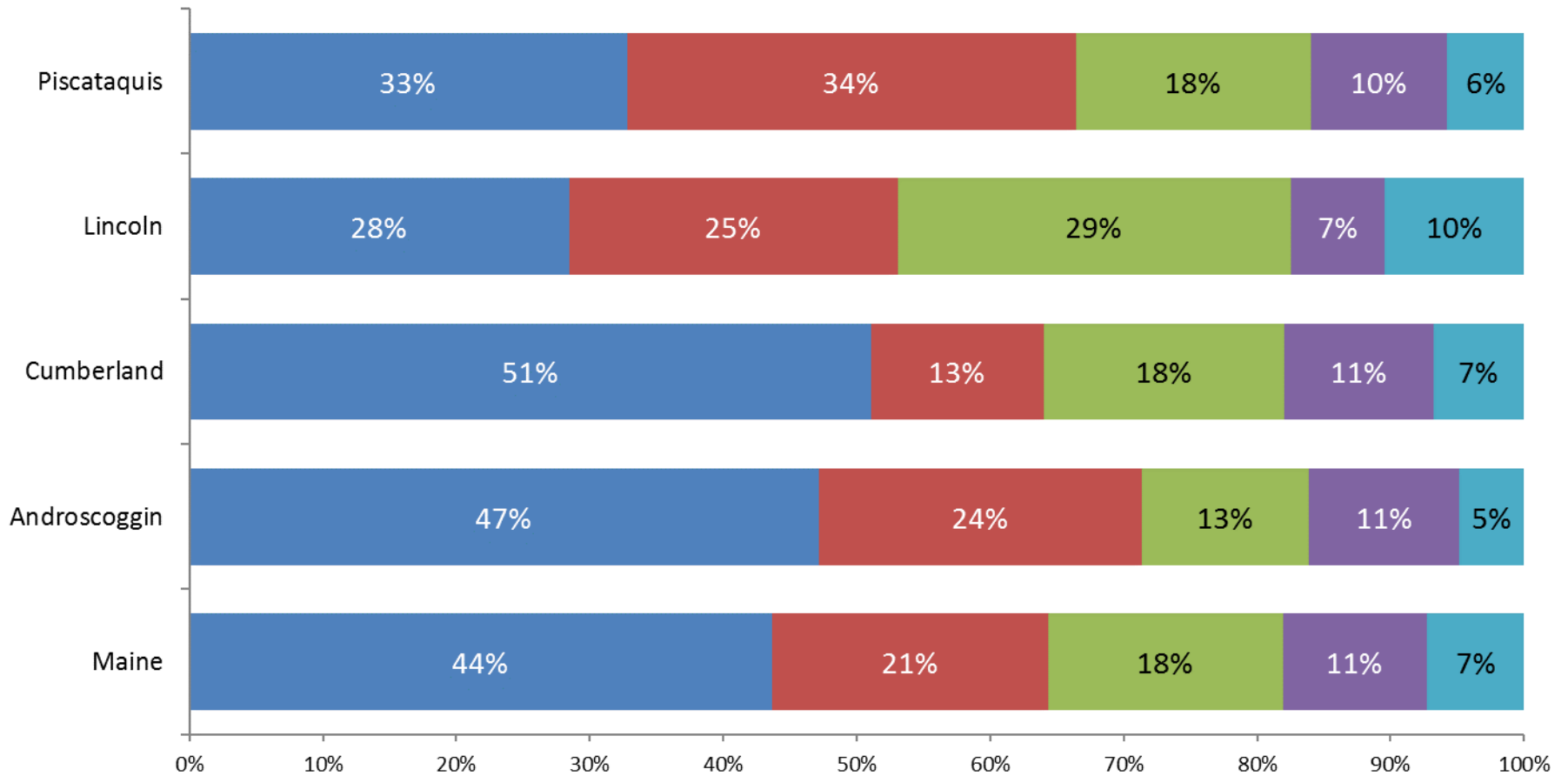

Legend: U.S. | New England | Maine

Percent of Households by Income Level, 2017

Legend: ■ U.S. ■ New England ■ Maine
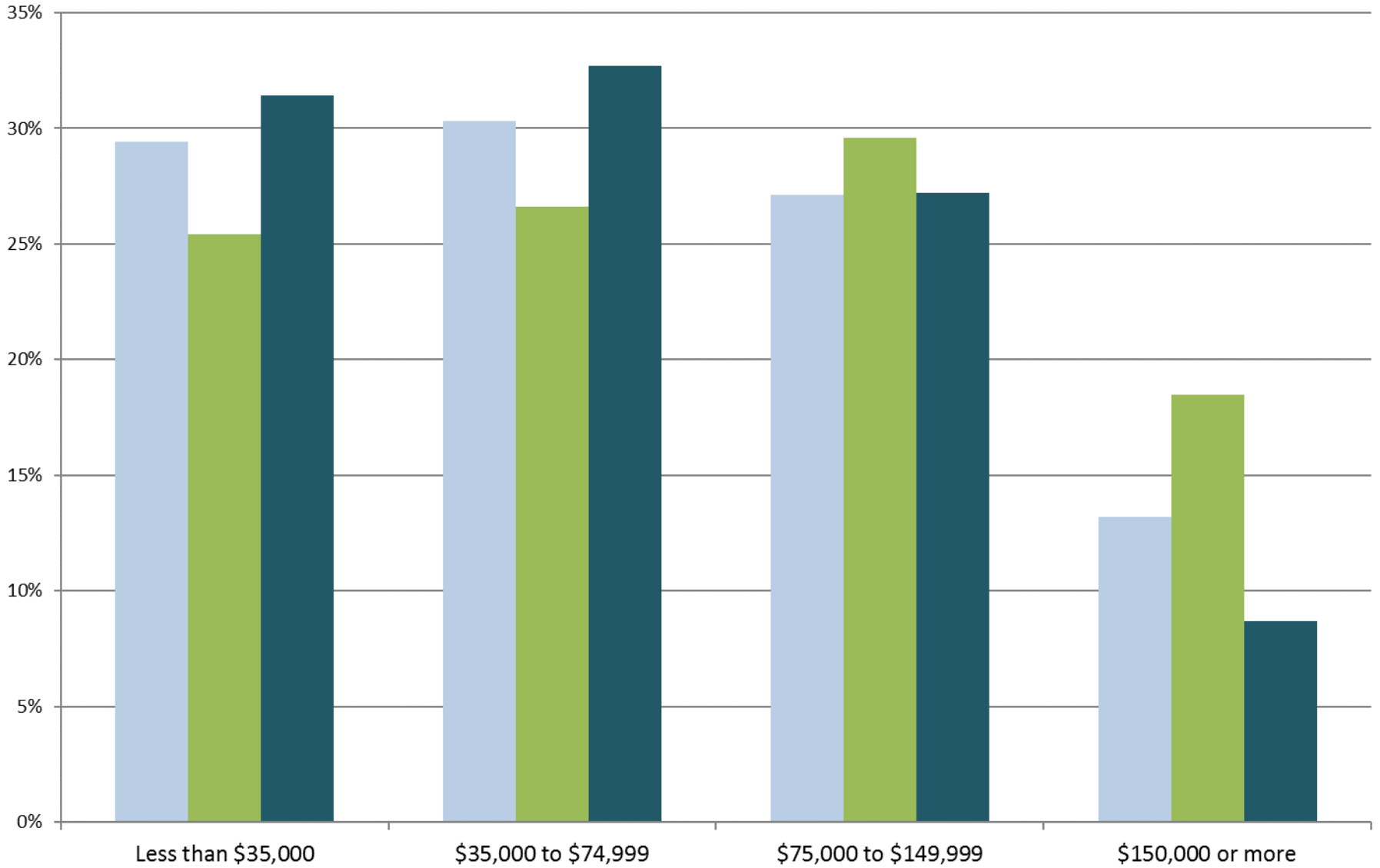
Major Components of Personal Income, 2017

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

	Wages and salaries	Personal current transfer receipts	Dividends, interest, and rent	Supplements to wages and salaries	Proprietors' income
Piscataquis	33%	34%	18%	10%	6%
Lincoln	28%	25%	29%	7%	10%
Cumberland	51%	13%	18%	11%	7%
Androscoggin	47%	24%	13%	11%	5%
Maine	44%	21%	18%	11%	7%

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

Maine: 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%
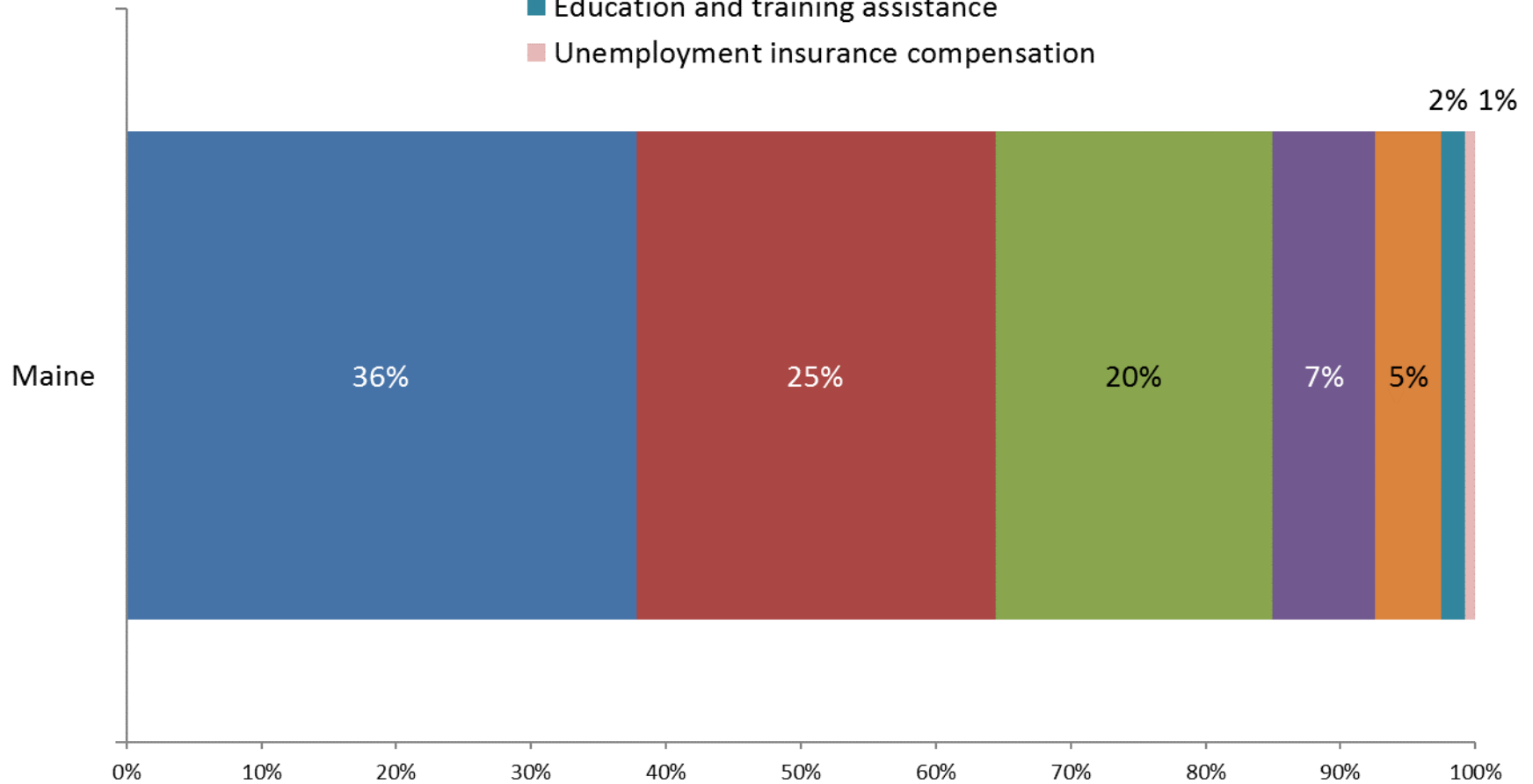
To sum up

- ☐ Existing workforce is aging and population growth has been slow (although starting to accelerate)

- ☐ Continued economic growth requires attracting new workers while utilizing all the potential workers we already have

Contact Information

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