MAINE'S DEMOGRAPHICS AND WORKFORCE

2019 Convention of Maine Counties

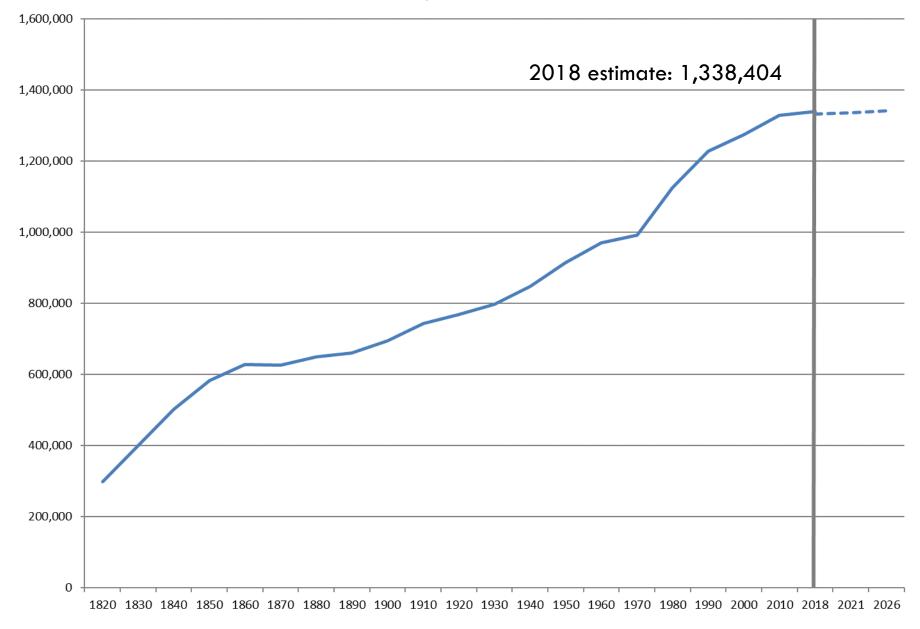
September 27, 2019

Amanda Rector Maine State Economist

Demographics: The Big Picture



Total Population, Maine





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

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

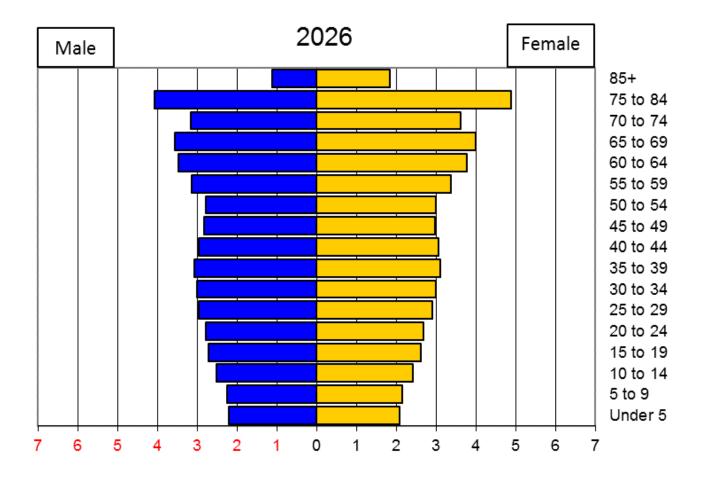


Improving Population Growth

In 2018, Maine's rate of total population increase ranked 34th and the rate of total net migration ranked 19th in the U.S.

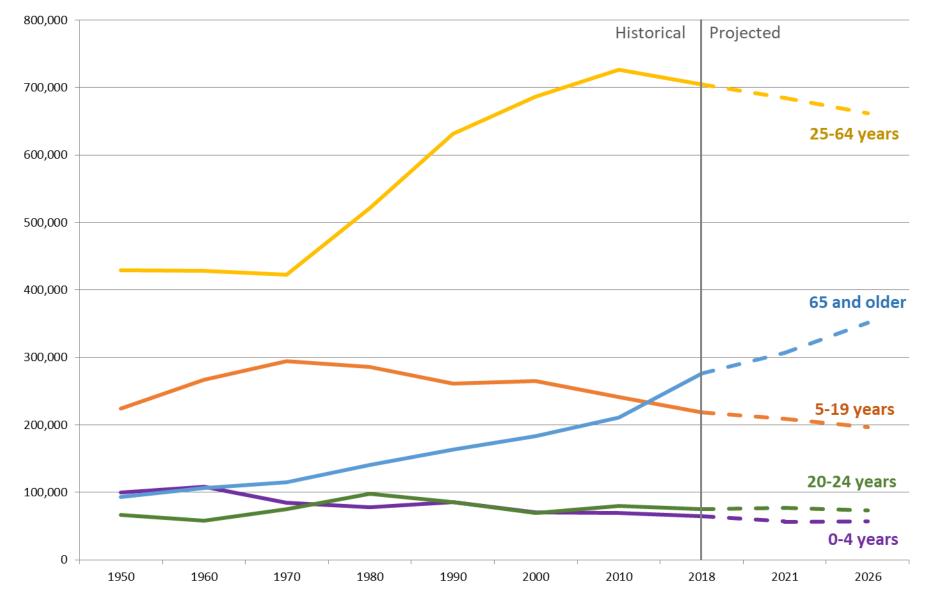
- Other states in the U.S. are starting to see their populations age and in-migration slow
- Maine has been at the leading edge and now other states are catching up

The Baby Boom Wave



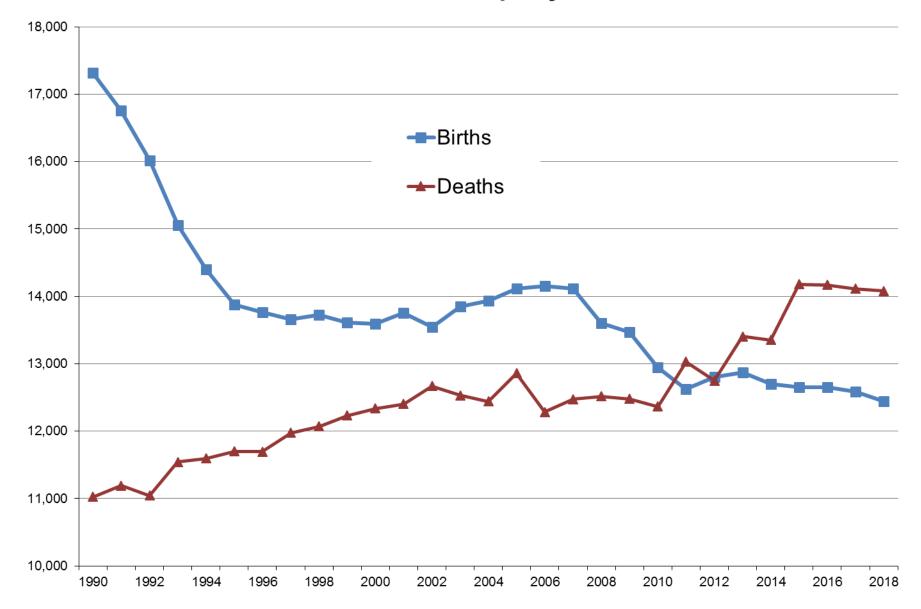
Source: U.S. Census Bureau, Decennial Censuses and State Economist population projections

Maine Population Trends by Age 1950-2026



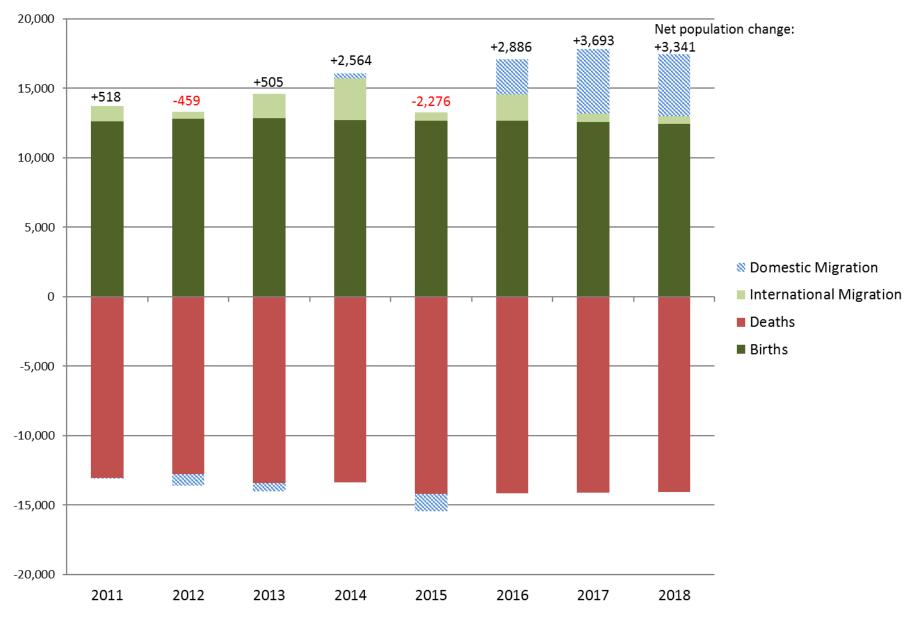
Sources: U.S. Census Bureau, Decennial Census; State Economist population projections

Births and Deaths per year in Maine



Sources: Maine Office of Data, Research, and Vital Statistics; U.S. Census Bureau Population Estimates Program

Components of Population Change, Maine

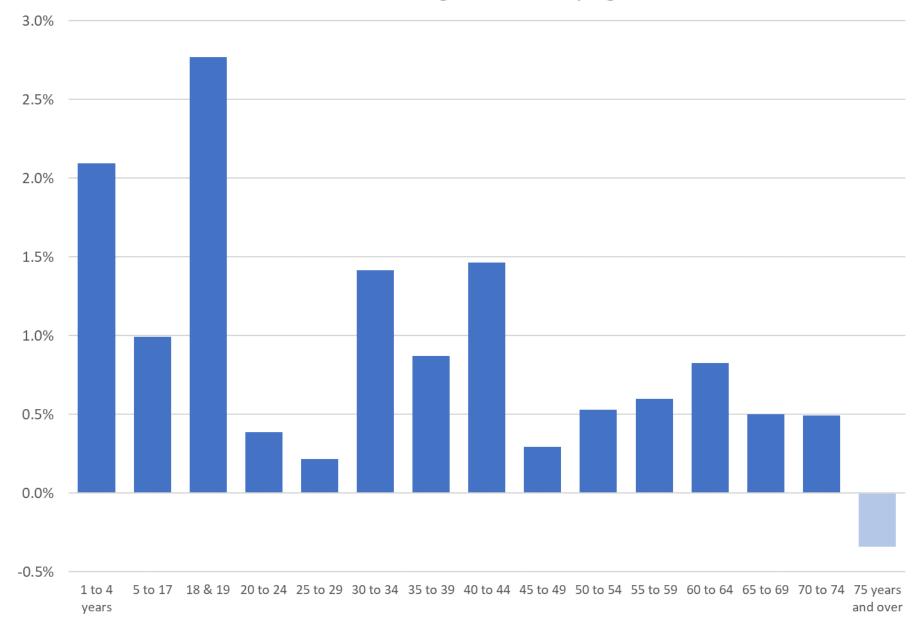


Source: U.S. Census Bureau, Population Estimates Program

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 <i>,</i> 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		

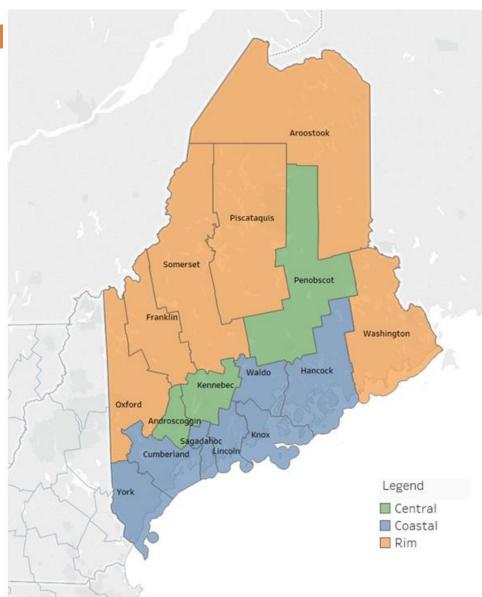
Annual Domestic Migration Rate by Age, 2018



Source: U.S. Census Bureau, 2018 American Community Survey 1-year estimates



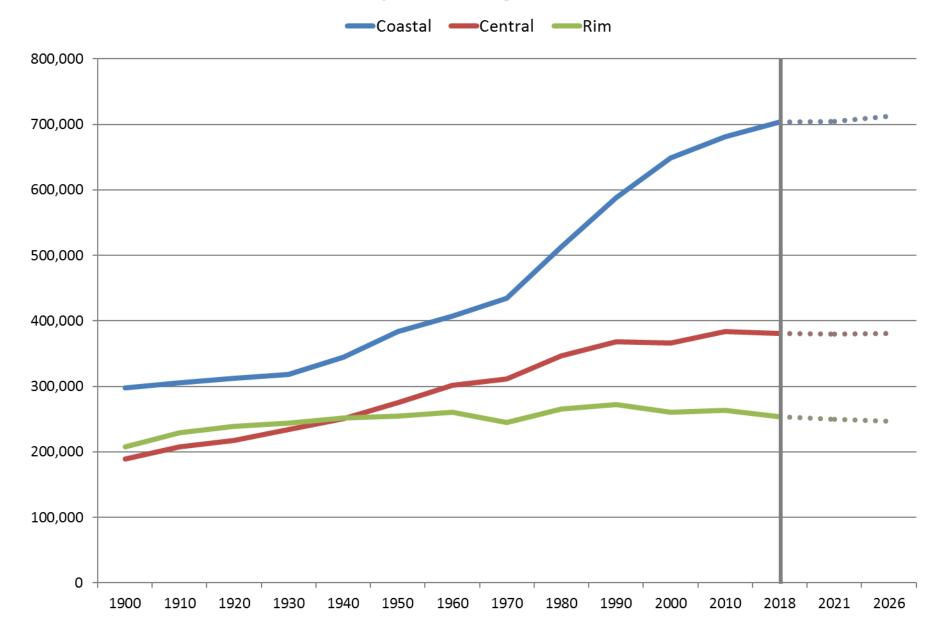
Regions of Maine



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

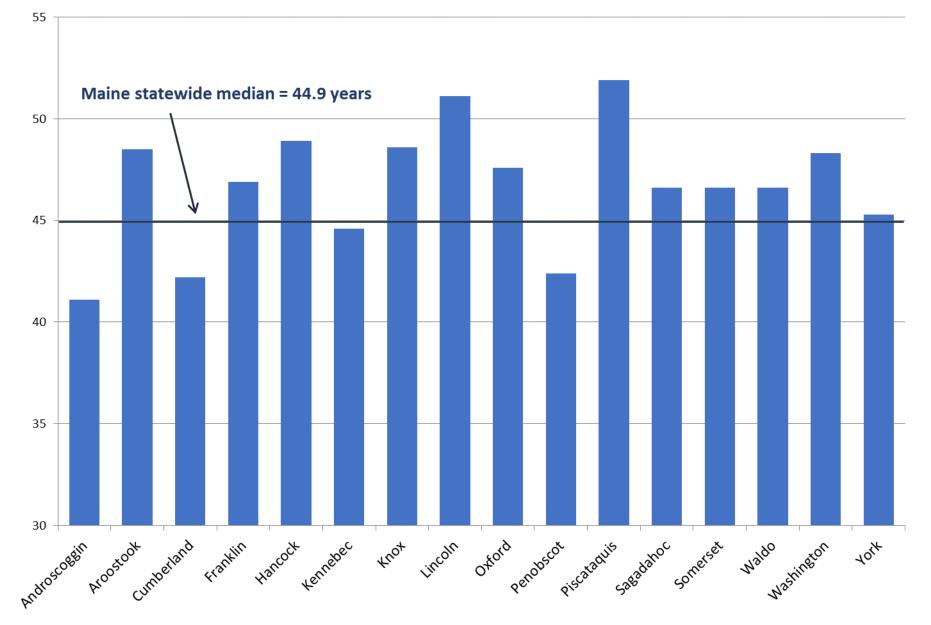
- Aroostook: 1960
- Piscataquis: 1920
- Washington: 1900

Total Population, Regions of Maine

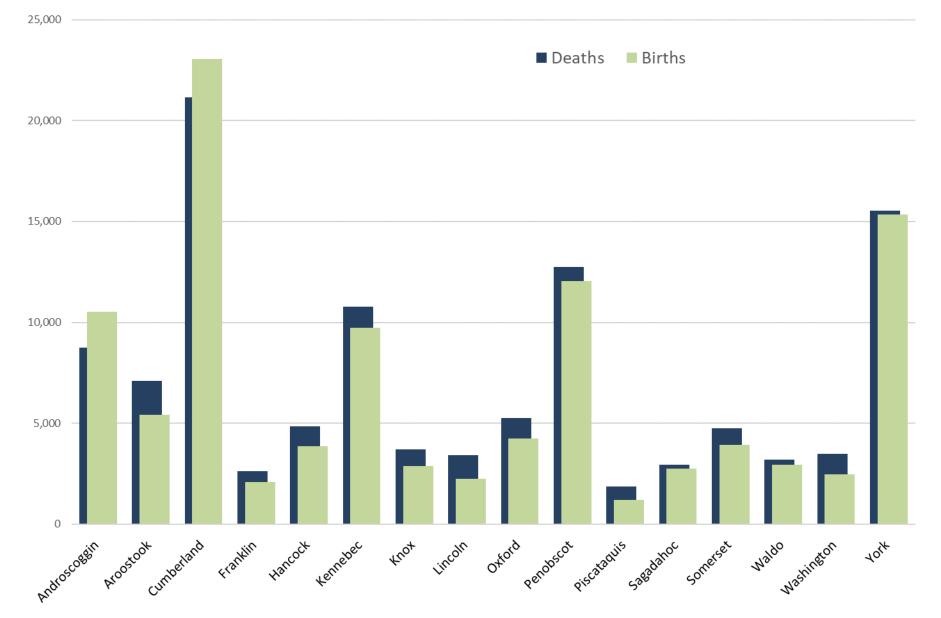




Median Age

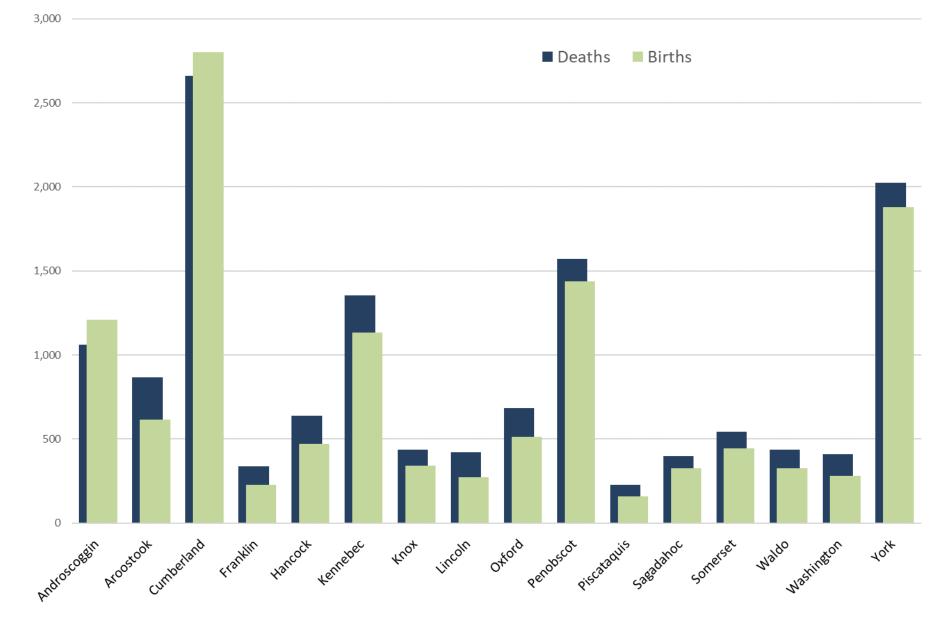


Cumulative Births and Deaths, 2010-2018



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

Births and Deaths, 2017-2018





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)

Labor Force and Employment

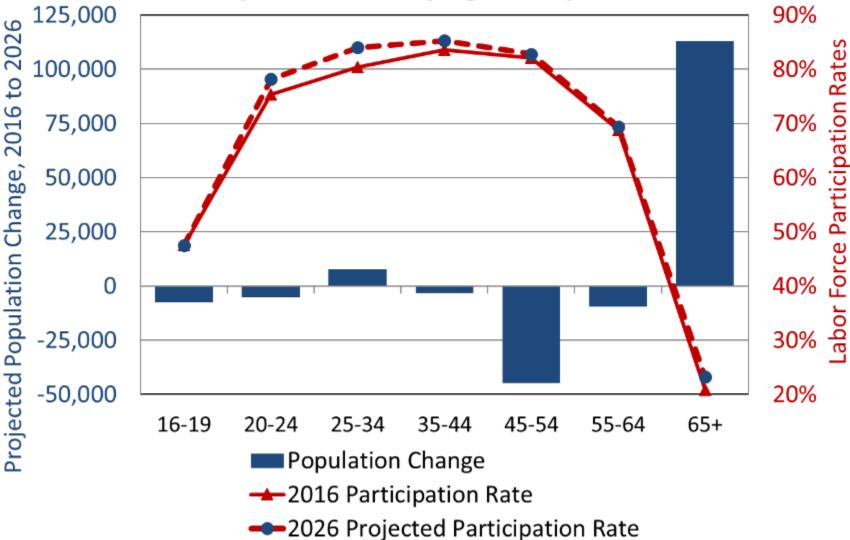
Maine Civilian Labor Force

Labor force has been flat

since 2005 750,000 Added 50,000 to labor force 700,000 every 9 years 650,000 600,000 550,000 500,000 Added 50,000 to labor force 450,000 every 6 years 400,000 350,000 300,000 2003 2011 2013 2017

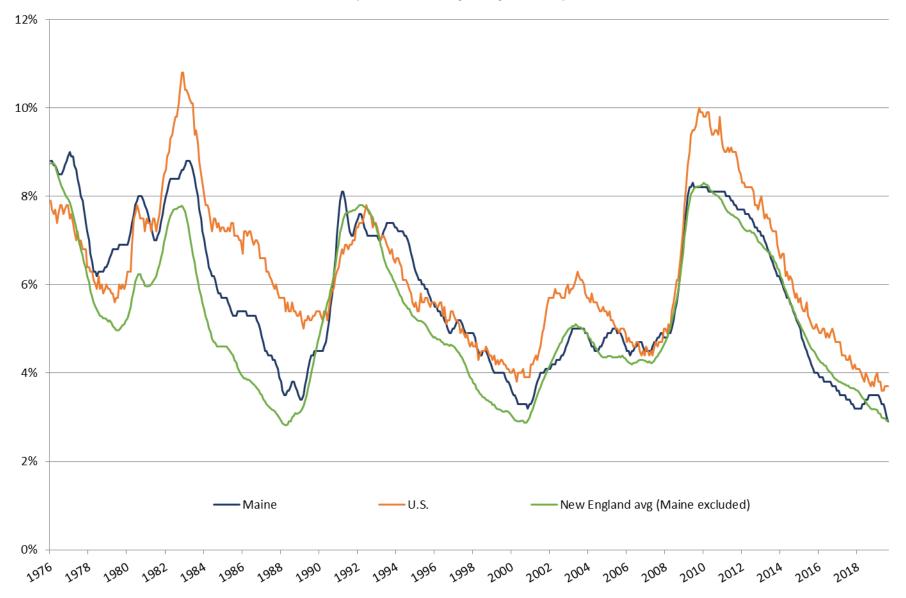
Source: Maine Department of Labor

Projected Population Change and Participation Rates by Age Group in Maine



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

Monthly Unemployment Rate (Seasonally Adjusted)



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

Regional variations persist in unemployment rates, although all are currently at 3.0% or lower

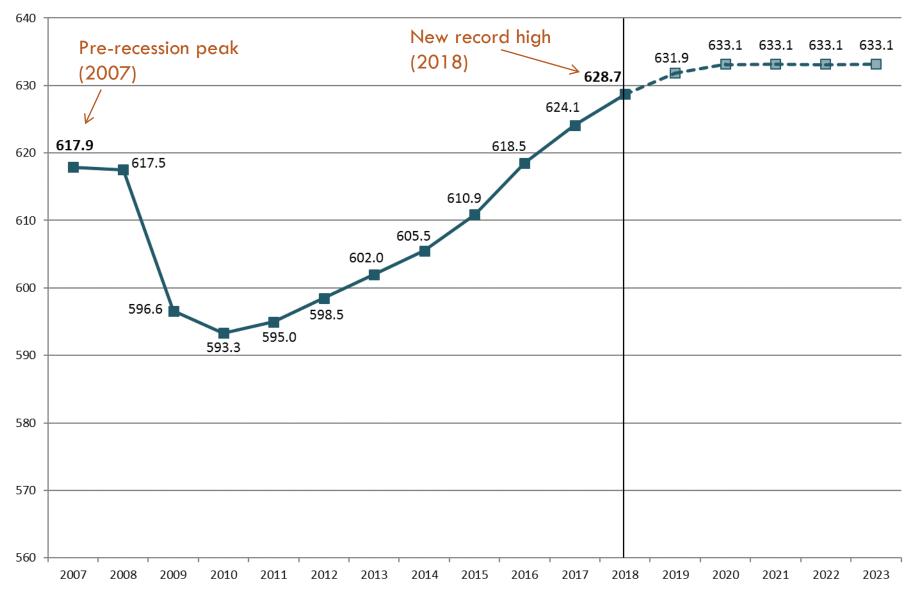
County Rates (not seasonally adjusted)

August, 2019	County	Rate	Year ago	One-yr change	Unemployment rat
	Maine	2.1%	2.8%	-0.7	+
	Androscoggin Cty	2.2%	3.0%	-0.8	+
Table	Aroostook Cty	3.0%	3.8%	-0.8	+
🔵 Graph	Cumberland Cty	1.7%	2.4%	-0.7	+
	Franklin Cty	3.0%	3.5%	-0.5	+
Map/Graph Display Unemployment rate 	Hancock Cty	1.8%	2.4%	-0.6	•
One-year change	Kennebec Cty	2.1%	2.8%	-0.7	↓
O one-year change	Knox Cty	1.7%	2.4%	-0.7	↓ <
	Lincoln Cty	1.9%	2.5%	-0.6	+ 1 - 5 -
	Oxford Cty	2.5%	3.4%	-0.9	+ 1 ²
	Penobscot Cty	2.3%	3.3%	-1.0	+ 1 4 6
	Piscataquis Cty	2.6%	3.4%	-0.8	+ 6 5 5
	Sagadahoc Cty	1.5%	2.3%	-0.8	+ Justin
	Somerset Cty	3.0%	3.9%	-0.9	: Show
	Waldo Cty	2.2%	2.8%	-0.6	+ 1. 1 3. 6
	Washington Cty	3.0%	3.8%	-0.8	+ Jun -
	York Cty	1.8%	2.5%	-0.7	+
					1.5%

Maine Department of Labor, Center for Workforce Research and Information

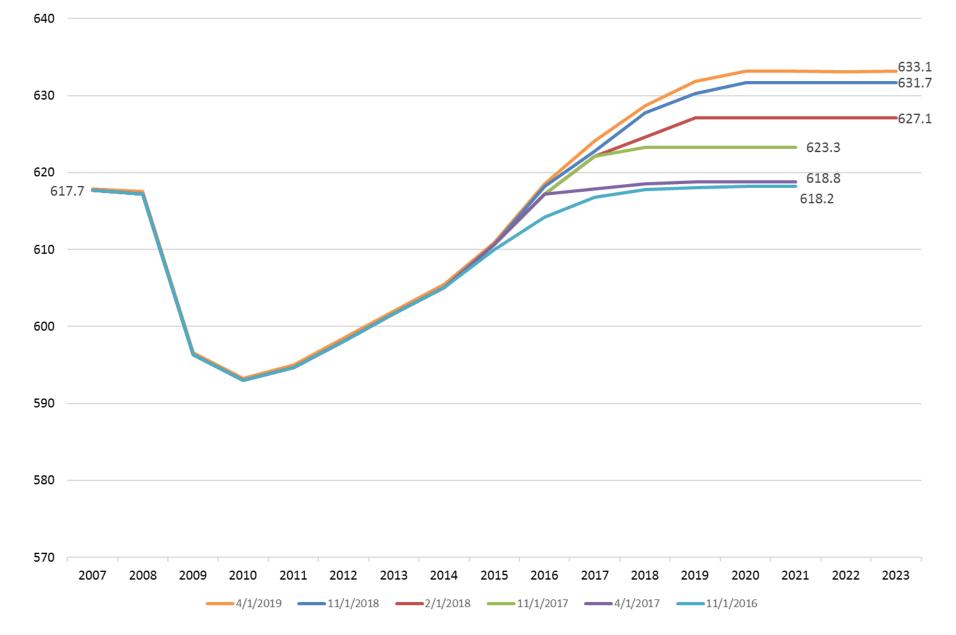
© Mapbox © OSN.

Total Nonfarm Employment (in thousands) History and CEFC forecast



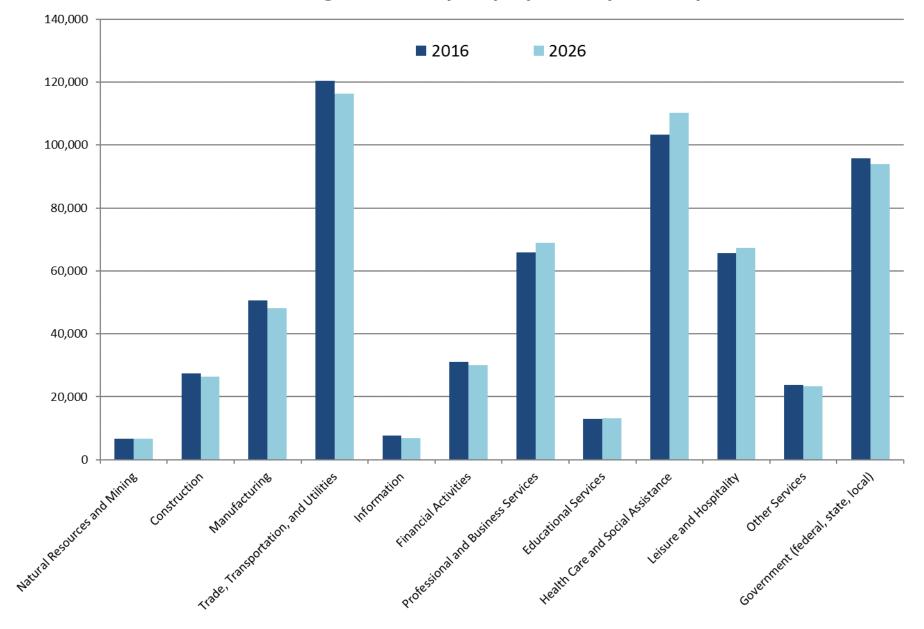
Sources: Maine Department of Labor and Consensus Economic Forecasting Commission report, April 1, 2019

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



Source: Consensus Economic Forecasting Commission reports

Maine Wage and Salary Employment by Industry



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

In nearly all counties, the local hospital/health care system is the 1st or 2nd largest employer

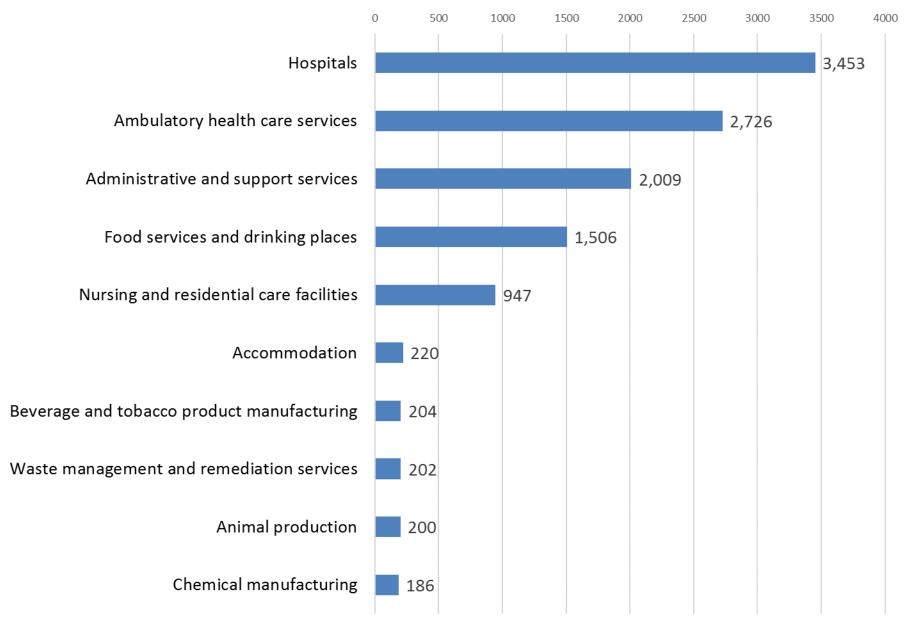
Employment Range:

Top 50 Private Employers in Maine by Average Monthly Employment

		3rd Quarter 2018		
Name	Location	Business Description	Employment Range	Rank
MAINEHEALTH	STATEWIDE	General medical and surgical hospitals	15,001 to 15,500	1
HANNAFORD BROS CO	STATEWIDE	Supermarkets and other grocery stores	8,501 to 9,000	2
WAL MART / SAM'S CLUB	STATEWIDE	Warehouse Clubs and Supercenters	6,501 to 7,000	3
BATH IRON WORKS CORP GEN DYN	BATH	Ship building and repairing	5,001 to 5,500	4
L.L.BEAN, INC.	STATEWIDE	Electronic Shopping and Mail-Order Houses	4,501 to 5,000	5
EASTERN MAINE MEDICAL CENTER	STATEWIDE	General medical and surgical hospitals	4,001 to 4,500	6
MAINEGENERAL MEDICAL CTR	STATEWIDE	General medical and surgical hospitals	3,501 to 4,000	7
T D BANK N A	STATEWIDE	Commercial banking	3,001 to 3,500	8
UNUM GROUP	PORTLAND	Direct life insurance carriers	2,501 to 3,000	9
CENTRAL MAINE HEALTHCARE CO	LEWISTON	General medical and surgical hospitals	2,501 to 3,000	10
SHAWS SUPERMARKETS INC	STATEWIDE	Supermarkets and other grocery stores	2,501 to 3,000	11
PRATT & WHITNEY AIRCRAFT GRO	NORTH BERWI	Aircraft engine and engine parts mfg.	2,001 to 2,500	12
ST MARY'S REGIONAL MEDICAL CTR	STATEWIDE	General medical and surgical hospitals	1,501 to 2,000	13
THE JACKSON LABORATORY	BAR HARBOR	Research and Development in Biotechnology	1,001 to 1,500	14
HOME DEPOT USA INC	STATEWIDE	Home centers	1,001 to 1,500	15
MERCY HOSPITAL	PORTLAND	General medical and surgical hospitals	1,001 to 1,500	16
LOWES HOME CENTERS LLC	STATEWIDE	Home centers	1,001 to 1,500	17
MID COAST HOSPITAL	BRUNSWICK	General medical and surgical hospitals	1,001 to 1,500	18
UNIVERSITY OF NEW ENGLAND	STATEWIDE	Colleges and universities	1,001 to 1,500	19
BOWDOIN COLLEGE	BRUNSWICK	Colleges and universities	1,001 to 1,500	20
CIRCLE K	STATEWIDE	Gasoline stations with convenience stores	1,001 to 1,500	21
S D WARREN	STATEWIDE	Paper, except newsprint, mills	1,001 to 1,500	22
IDEXX LABORATORIES INC	WESTBROOK	Pharmaceutical preparation manufacturing	1,001 to 1,500	23
GOODWILL INDUSTRIES OF NORTH	STATEWIDE	Vocational rehabilitation services	1,001 to 1,500	24
YORK HOSPITAL	STATEWIDE	General medical and surgical hospitals	1.001 to 1.500	25

Maine Department of Labor, Center for Workforce, Research and Information, Quarterly Census of Employment and Wages survey.

Industries Projected to Gain the Largest Number of Jobs in Maine Between 2016 and 2026



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

Graph
 Table

Top 25

Education Requirement:

- 🖲 All
- O High School Diploma or Less
- O Some College or Associate's De

Percent

Change

SOC

Code

lab Title

O Bachelor's Degree or Higher

Select Topic:

- C Largest Annual Openings
- O Largest Net Job Growth
- Fastest Rate of Job Growth
- Largest Net Job Loss
- O Fastest Rate of Job Loss
- High school diploma or equi
- Postsecondary non-degree
- Associate's degree
- Bachelor's degree
- Master's degree
- Master's degree
- Doctoral or professional degr
- No formal educational crede.

Change	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%	
v 17.6%	31-2021	Physical Therapist Assistants	17.6%	
a 15.9%	31-9092	Medical Assistants	15.9%	
15.6%	31-9097	Phlebotomists	15.6%	
14.9%	29-1123	Physical Therapists	14.9%	
r 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

Source: Maine Department of Labor, Employment Outlook to 2026; https://www.maine.gov/labor/cwri/outlook.html

Graph

O Table

Region

- Coastal Counties Region
- O Central-Western Region
- O Northeast Region

Top 25

Education Requirement:

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- O Bachelor's Degree or Higher
- High school diploma or equival
- Some college, no degree
- Postsecondary non-degree awa
- Bachelor's degree
- No formal educational credentia

25 Occupations with the Largest Projected Annual Openings by Region

S	OC Code	Job Title	
41	1-2031	Retail Salespersons	1,547
35	5-3031	Waiters and Waitresses	1,419
41	1-2011	Cashiers	1,365
35	5-3021	Combined Food Preparation and Serving Workers, Including Fast Food	1,221
39	9-9021	Personal Care Aides	1,146
43	3-4051	Customer Service Representatives	810
37	7-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	787
ss 43	3-9061	Office Clerks, General	652
's De 35	5-2021	Food Preparation Workers	630
er 11	1-1021	General and Operations Managers	601
	3-5081	Stock Clerks and Order Fillers	579
ivale 35	5-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	517
	1-1014	Nursing Assistants	501
awa 37	7-3011	Landscaping and Groundskeeping Workers	496
	5-2014	Cooks, Restaurant	474
ential 37	7-2012	Maids and Housekeeping Cleaners	470
43	3-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	466
29	9-1141	Registered Nurses	454
41	1-1011	First-Line Supervisors of Retail Sales Workers	446
53	3-7062	Laborers and Freight, Stock, and Material Movers, Hand	441
43	3-3031	Bookkeeping, Accounting, and Auditing Clerks	437
53	3-3032	Heavy and Tractor-Trailer Truck Drivers	414
39	9-9011	Childcare Workers	377
47	7-2031	Carpenters	358
35	5-3011	Bartenders	358
_			0 1,000 2,000

Annual Total Openings

Graph

O Table

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- O Coastal Counties Region
- Central-Western Region
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25 Occupations with the Largest Projected Annual Openings by Region

SOC Code	Job Title	
41-2011	Cashiers	73
39-9021	Personal Care Aides	677
41-2031	Retail Salespersons	631
35-3031	Waiters and Waitresses	499
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	441
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	377
31-1014	Nursing Assistants	330
43-4051	Customer Service Representatives	329
De 35-2021	Food Preparation Workers	303
43-9061	Office Clerks, General	277
43-5081	Stock Clerks and Order Fillers	275
53-3032	Heavy and Tractor-Trailer Truck Drivers	274
29-1141	Registered Nurses	263
wa 11-1021	General and Operations Managers	243
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	242
39-9011	Childcare Workers	223
37-3011	Landscaping and Groundskeeping Workers	220
41-1011	First-Line Supervisors of Retail Sales Workers	218
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	206
43-3031	Bookkeeping, Accounting, and Auditing Clerks	182
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	182
25-9041	Teacher Assistants	182
37-2012	Maids and Housekeeping Cleaners	166
35-2014	Cooks, Restaurant	164
35-3011	Bartenders	142

Annual Total Openings

- Graph
- O Table

Region

Coastal Counties Region

- O Central-Western Region
- Northeast Region

Тор 25

Education Requirement:

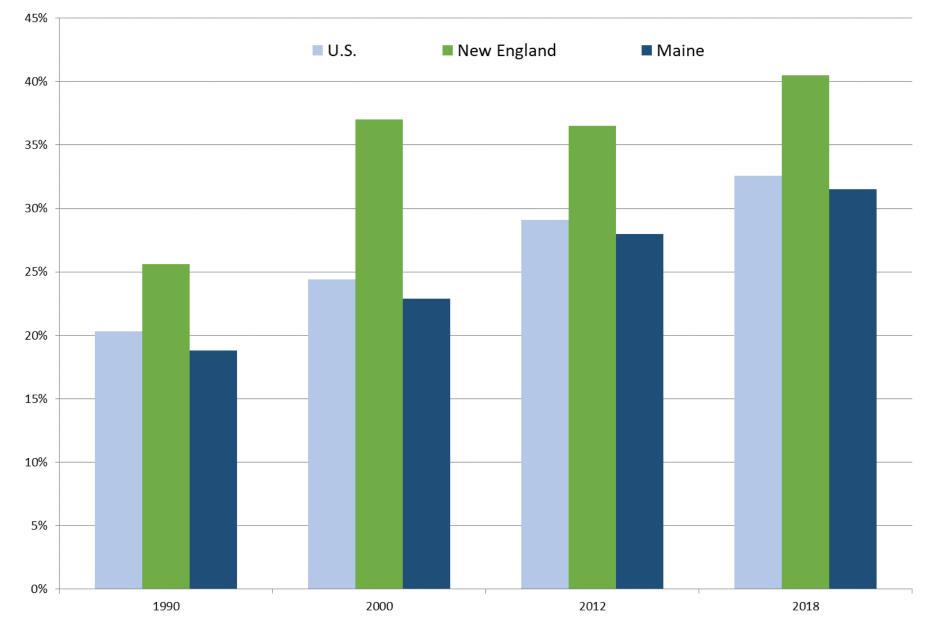
- All
 All
- O High School Diploma or L
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- O Bachelor's Degree or High
- High school diploma or e
- Some college, no degree
- Postsecondary non-degree
- Bachelor's degree
- No formal educational cre

25 Occupations with the Largest Projected Annual Openings by Region

SOC Code	Job Title	
41-2011	Cashiers	72
39-9021	Personal Care Aides	620
41-2031	Retail Salespersons	600
35-3031	Waiters and Waitresses	485
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	430
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	325
35-2021	Food Preparation Workers	290
s 53-3032	Heavy and Tractor-Trailer Truck Drivers	270
s De 31-1014	Nursing Assistants	259
43-4051	Customer Service Representatives	255
43-9061	Office Clerks, General	240
43-5081	Stock Clerks and Order Fillers	239
29-1141	Registered Nurses	223
awa 41-1011	First-Line Supervisors of Retail Sales Workers	206
39-9011	Childcare Workers	204
11-1021	General and Operations Managers	202
37-2012	Maids and Housekeeping Cleaners	198
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	191
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	186
25-9041	Teacher Assistants	177
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	165
37-3011	Landscaping and Groundskeeping Workers	161
35-2014	Cooks, Restaurant	160
43-3031	Bookkeeping, Accounting, and Auditing Clerks	158
53-3033	Light Truck or Delivery Services Drivers	131
		0 200 400 600

Annual Total Openings

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

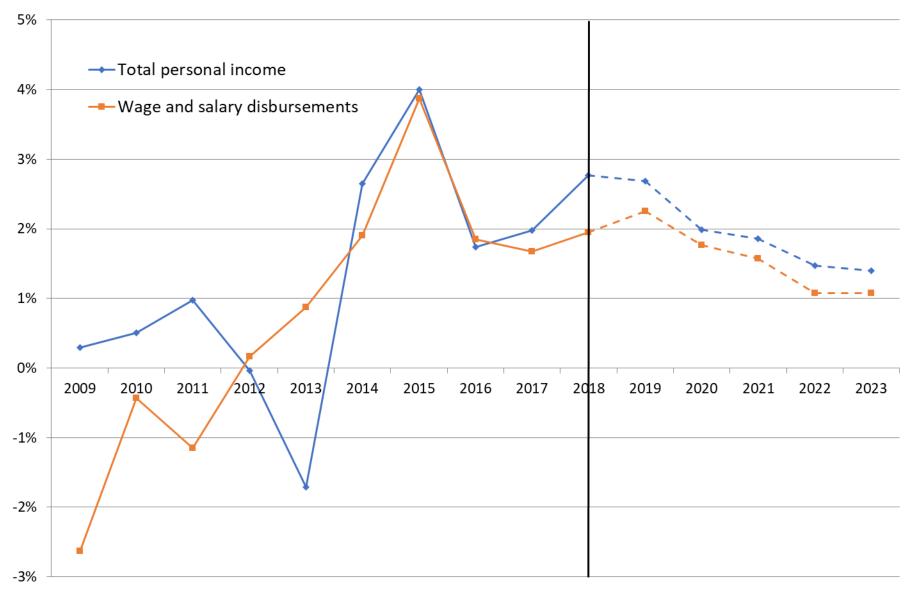
Percent of Population Age 25+ with a Graduate or Professional Degree



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



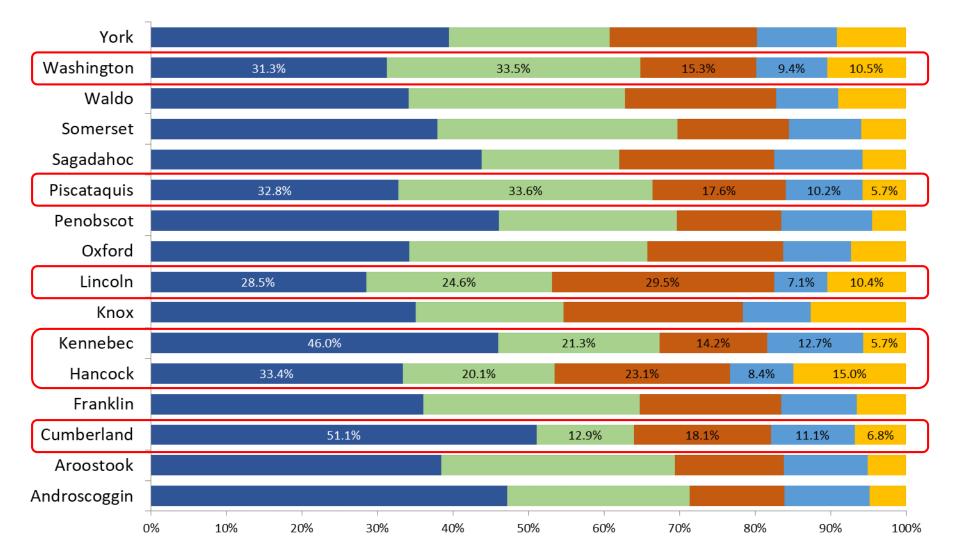
Percent Change in Real Personal Income, Maine 2009-2018 and forecast to 2023



Major Components of Personal Income, 2017

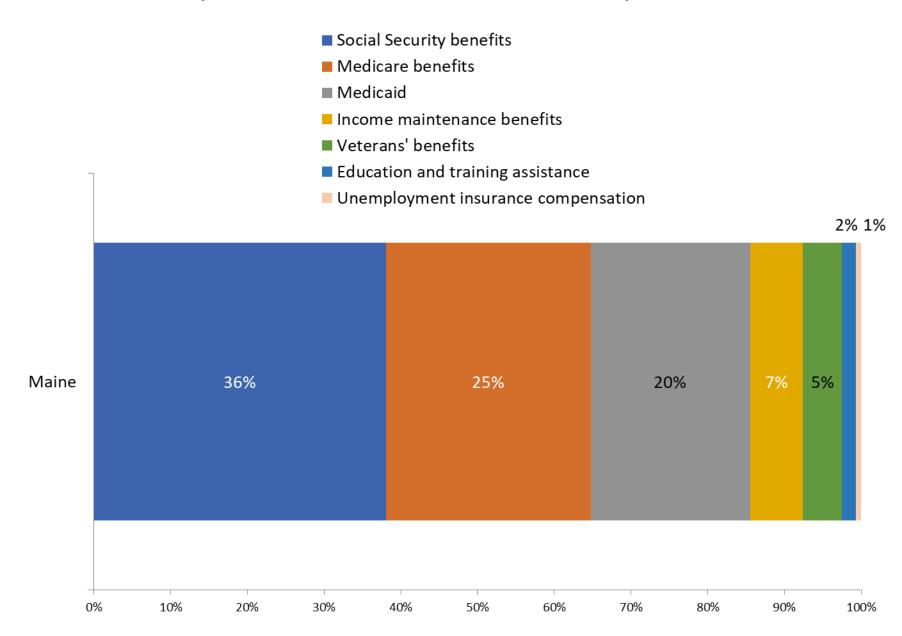
Wages and salaries Personal current transfer receipts
Dividends, interest, and rent

Supplements to wages and salaries Proprietors' income



Source: U.S. Bureau of Economic Analysis

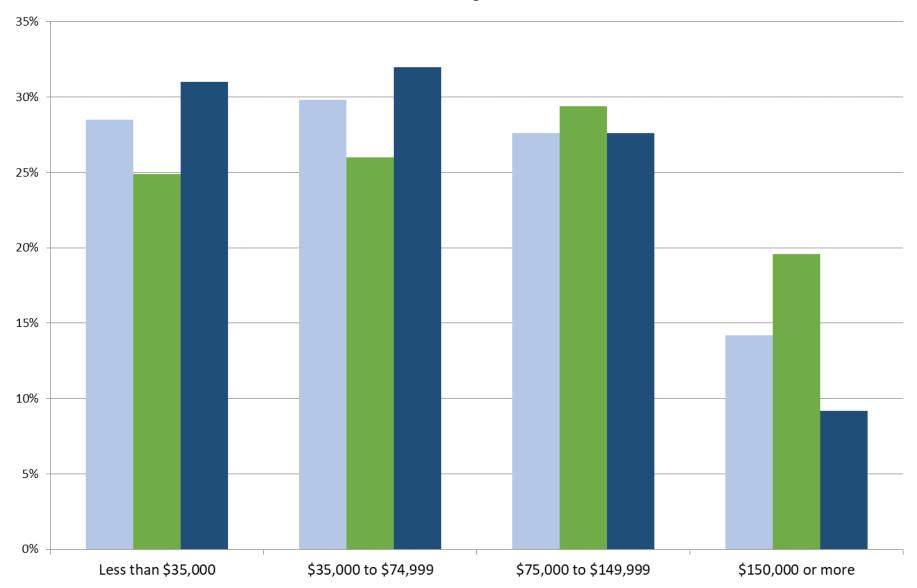
Components of Personal Current Transfer Receipts, 2018



Source: U.S. Bureau of Economic Analysis

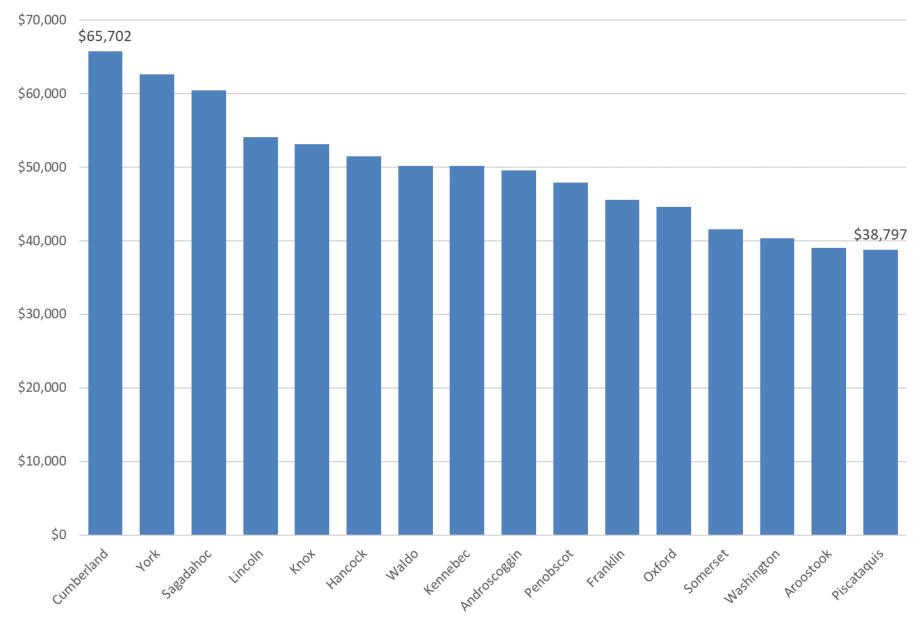
Percent of Households by Income Level, 2018

■ U.S. ■ New England ■ Maine



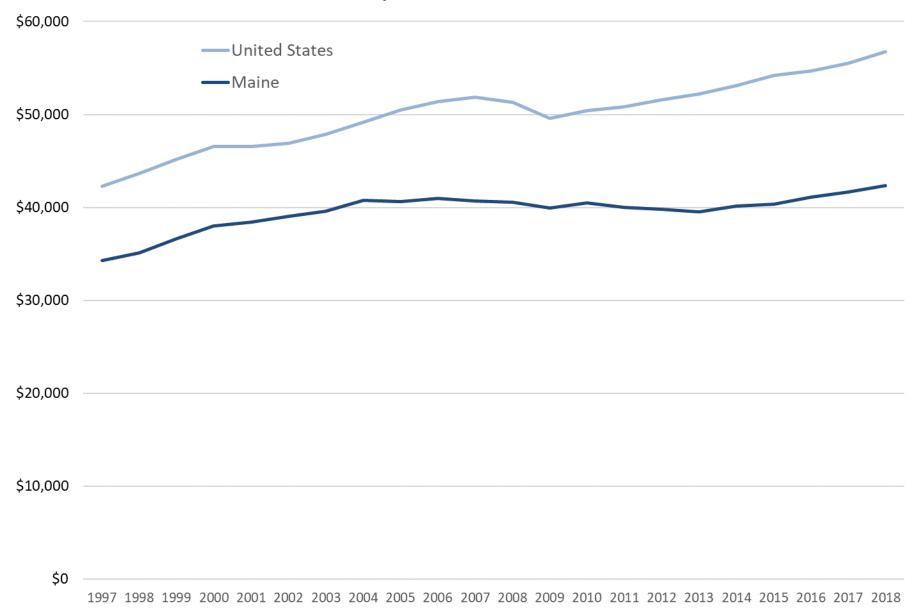
Source: U.S. Census Bureau, 2018 American Community Survey 1-year estimates

Median Household Income

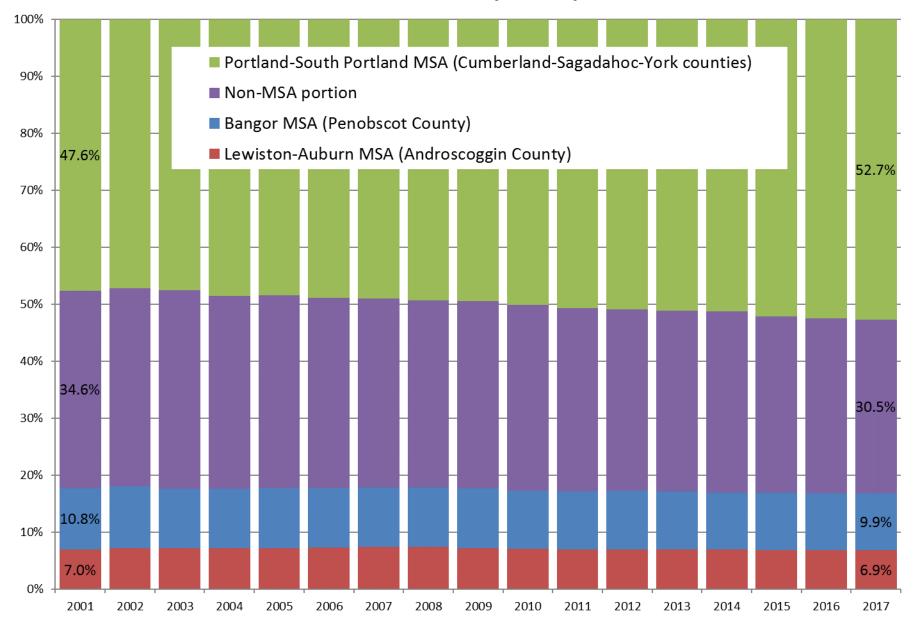


Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-year estimates

Per Capita Real Total GDP



Share of Maine Real GDP by Metropolitan Area





 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

Demographic and economic growth has been uneven across the state

Contact Information

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