Healthcare and Maine's Economy

HANLEY CENTER HEALTH LEADERSHIP DEVELOPMENT PROGRAM

JANUARY 17, 2025

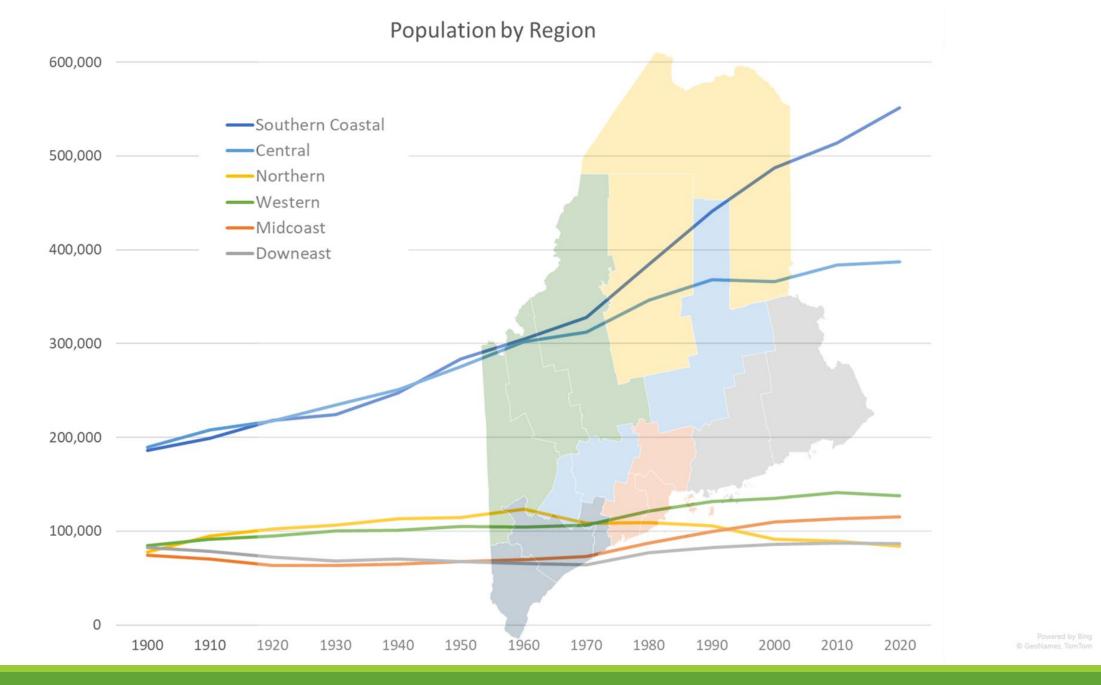
AMANDA RECTOR MAINE STATE ECONOMIST DEPARTMENT OF ADMINISTRATIVE AND FINANCIAL SERVICES

Demographics

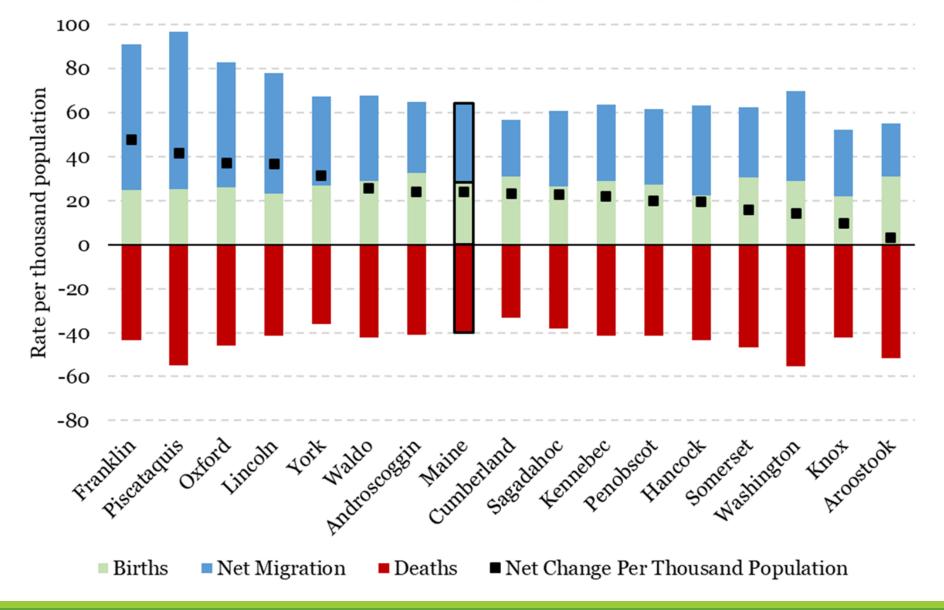
Components of Population Change, Maine

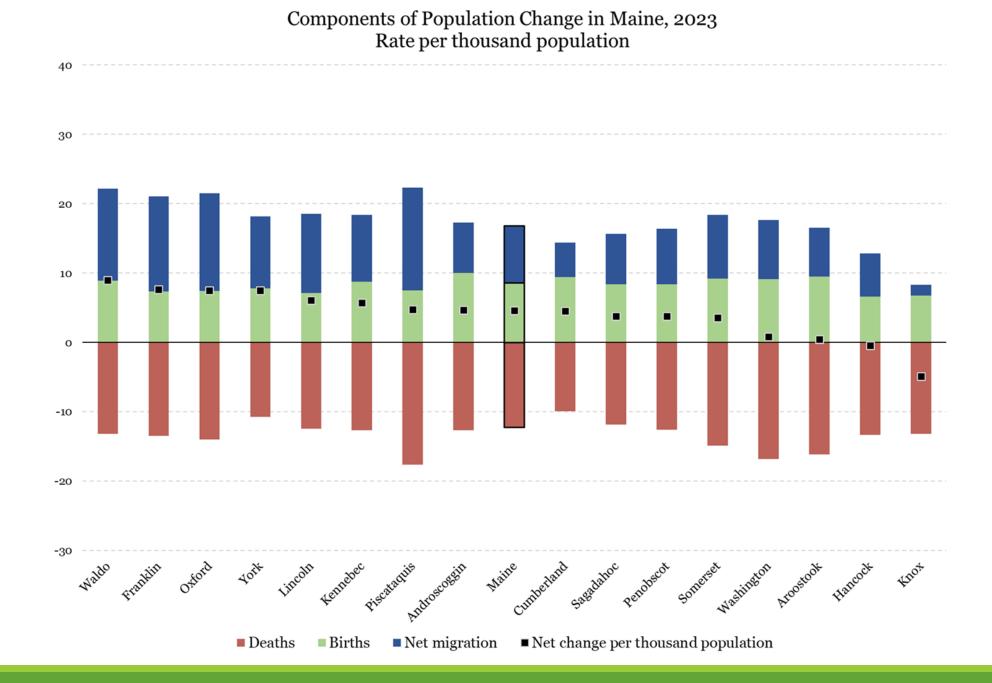
International Migration 40,000 Births Net population Net population change: Deaths change: +14,360 Net population +11,991 change: 30,000 Net population Population increase of 2.6% +8,724 change: +5,366 from 2010-2020 (42nd in U.S.) 20,000 Population increase of 3.1% 10,000 from 2020-2024 (17th in U.S.) 0 2024 net migration = 7.5 per thousand (20th in U.S.) -10,000 2024 Total Population = 1,405,012 -20,000 -30,000 2021 2022 2023 2024

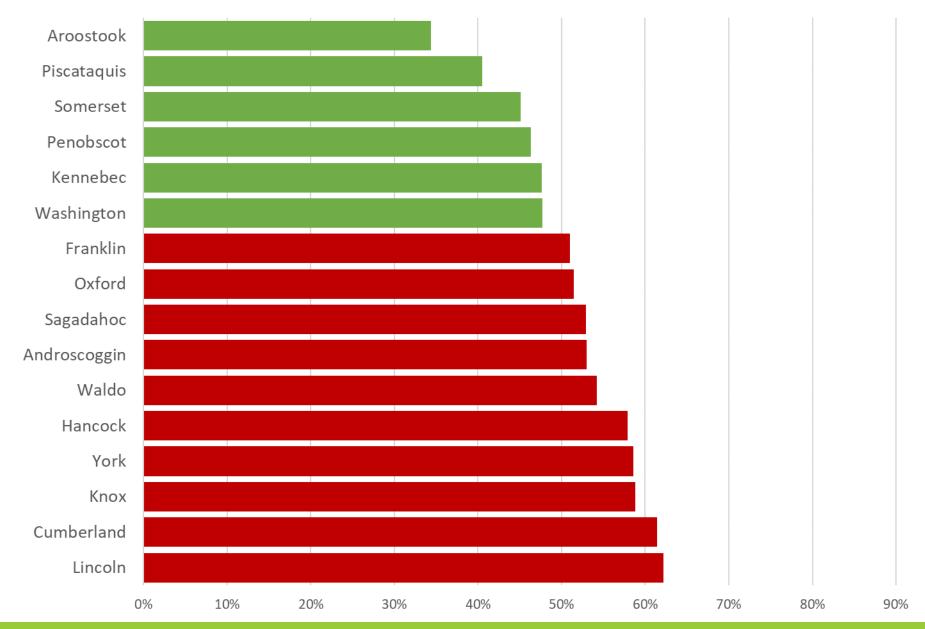
Domestic Migration

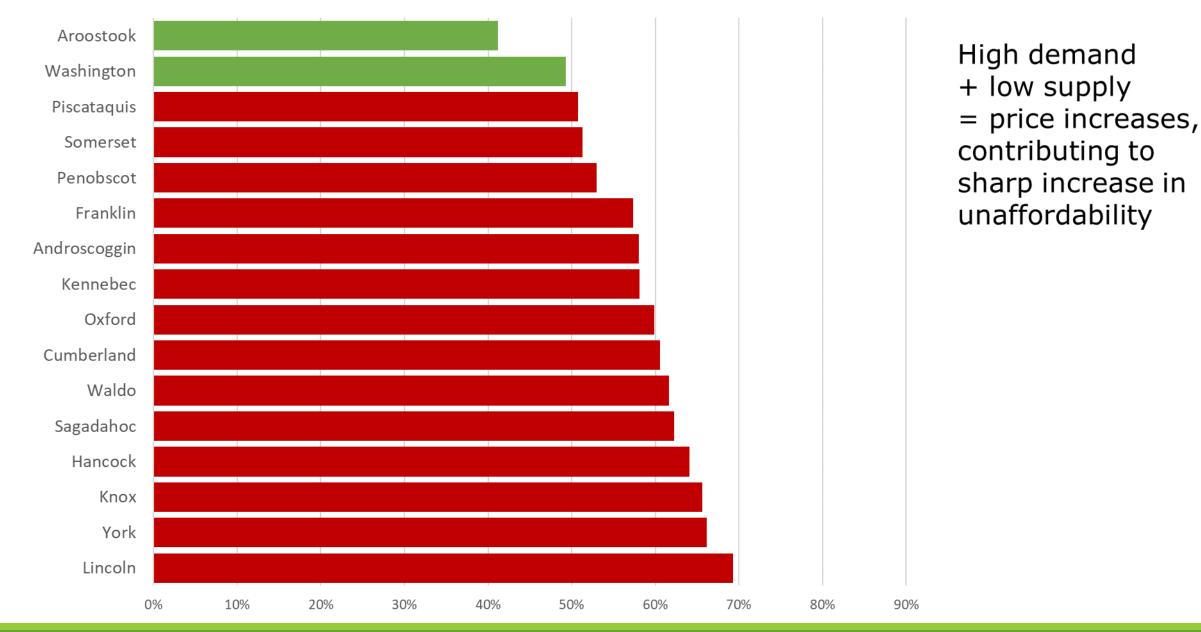


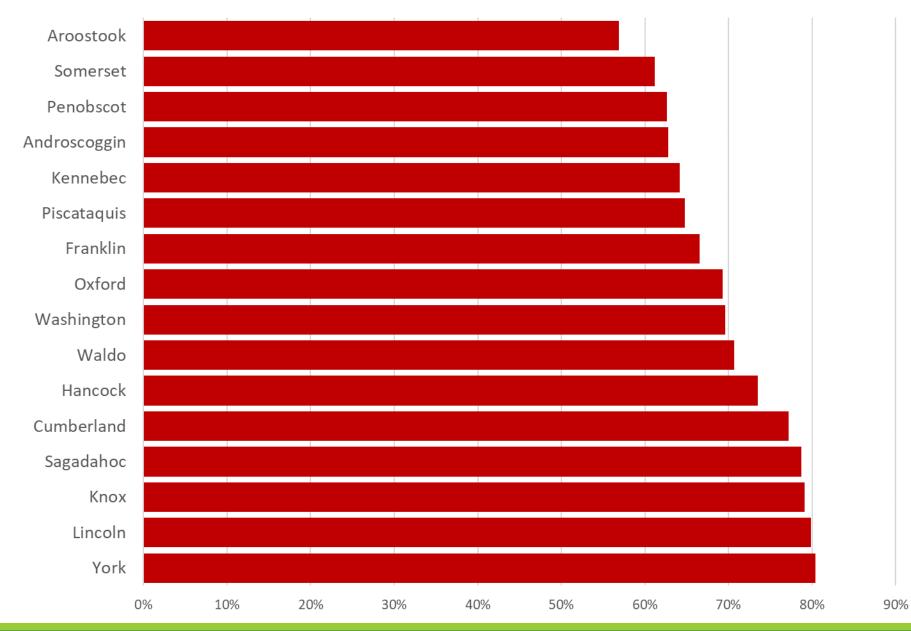
Components of Population Change in Maine, 4/2020-7/2023 Rate per thousand population



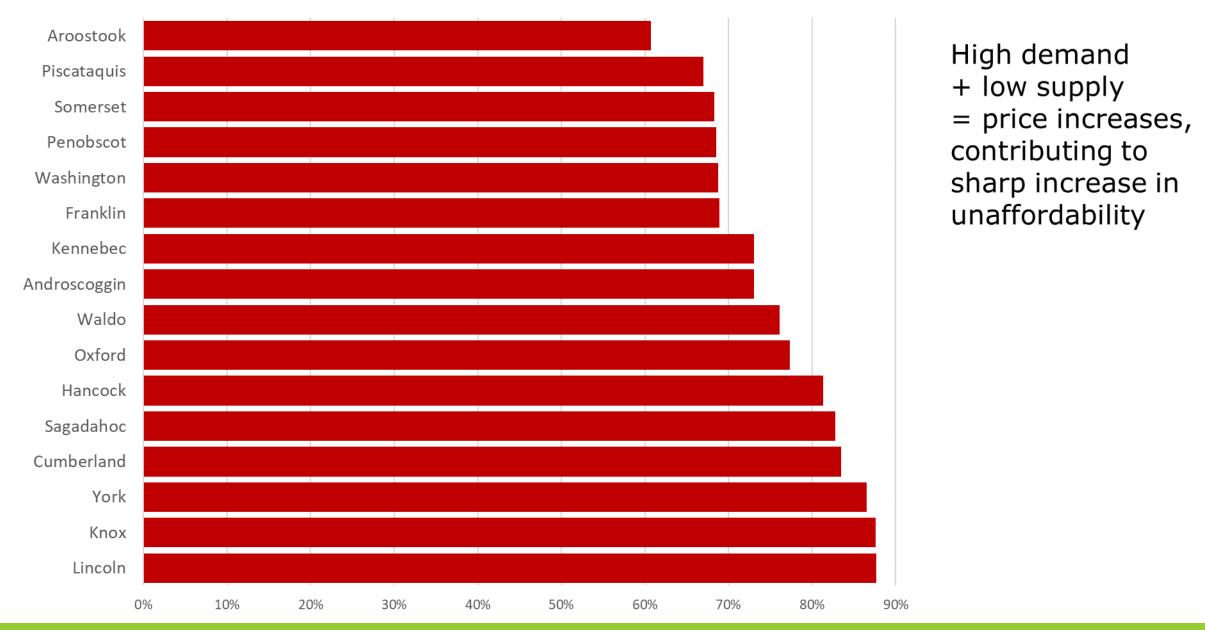




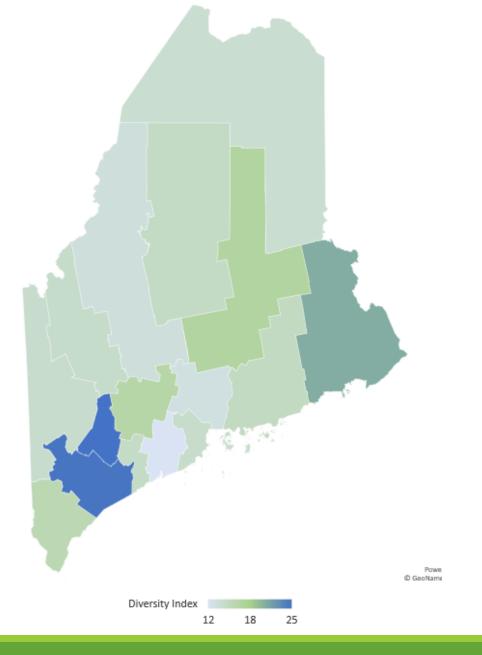




High demand + low supply = price increases, contributing to sharp increase in unaffordability



Diversity Index in Maine, 2020: All Ages



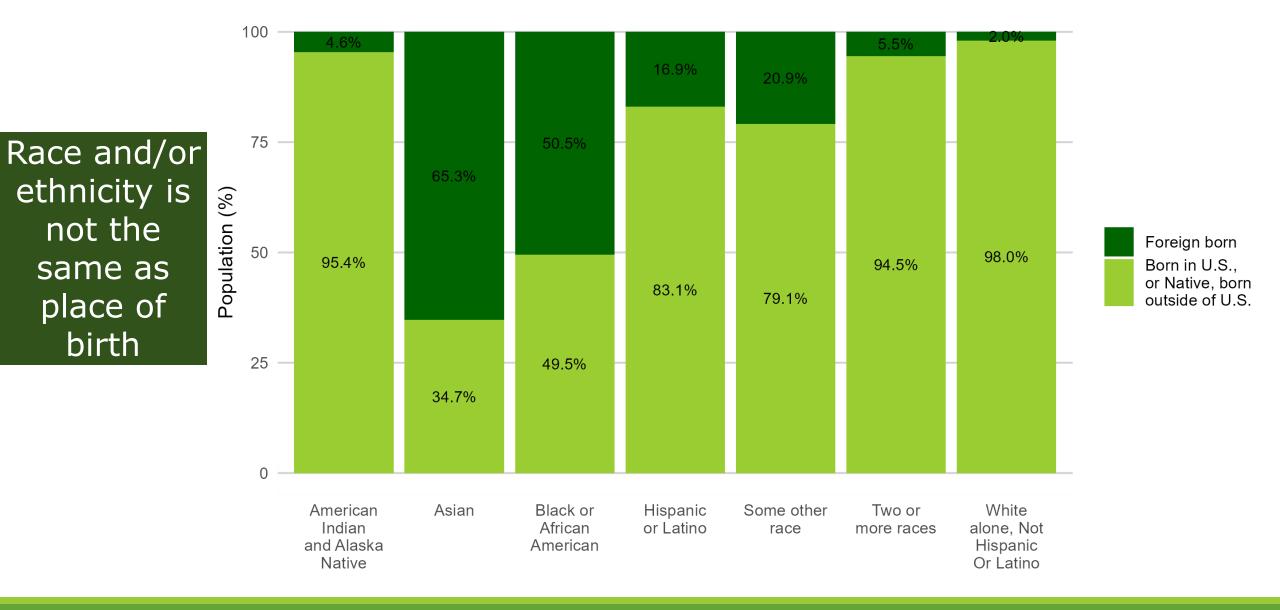
The diversity index tells us the chance that two people selected at random will be from different race or ethnicity groups

- In 2020, Maine ranked as the least diverse state in the U.S.
 - ME index = 18.5
 - U.S. index = 61.1
- But there is regional variation: Cumberland, Androscoggin, and Washington counties are more diverse

	Maine	Androscoggin	Aroostook	Cumberland	Franklin	Hancock	Kennebec	Knox	Lincoln	Oxford	Penobscot	Piscataquis	Sagadahoc	Somerset	Waldo	Washington	York	Scroll through Years
14%		0.34% 0.34% 0.81%		0.39% 0.22%														Population Groups* NH/PI Some Other Race Al/AN
12%				2.37%												0.28%		Asian Black/African American Hispanic/Latino Multiracial
	0.33% 0.54% 1.22%	5.79%		3.94%			0.31%				0.28% 0.89%					4.44%	0.32%	* All one race, non-Hispanic
Percent of Total Population %	1.84%		0.20%		0.37% 0.25% 1.30%	0.40% 0.42% 1.01% 0.63%	0.98% 0.69%	0.36% 0.34% 0.62% 0.63%	0.28%	0.27% 0.32% 0.48% 0.36%	1.22% 0.95%	0.39% 0.61% 0.71% 0.34%	0.32% 0.25% 0.67% 0.80%	0.28% 0.42% 0.52%	0.34% 0.35% 0.51%	0.39% 0.50%	1.18% 0.95%	
9 4%	1.95%	2.00%	0.58% 0.63%	2.64%	0.56% 1.38%	1.75%	2.06%	1.66%	0.64%	1.50%	1.78%	1.55%	1.77%	0.49% 1.30%	0.34%	2.15%	1.93%	
2%	3.93%	4.41%	1.36% 2.77%	3.93%	3.68%	3.68%	4.42%	3.93%	3.34%	4.52%	3.99%	4.24%	4.00%	4.02%	3.90%	3.51%	3.78%	
0%]

Share of Maine Population by Region of Birth by Race/Ethnicity, 2023

Foreign born statewide, 3.8%



Median Age by County 2023

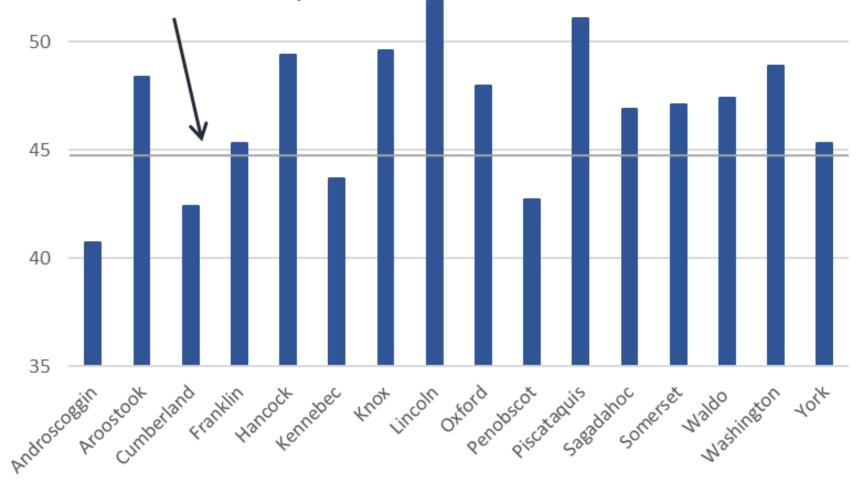
Maine statewide median = 44.8 years

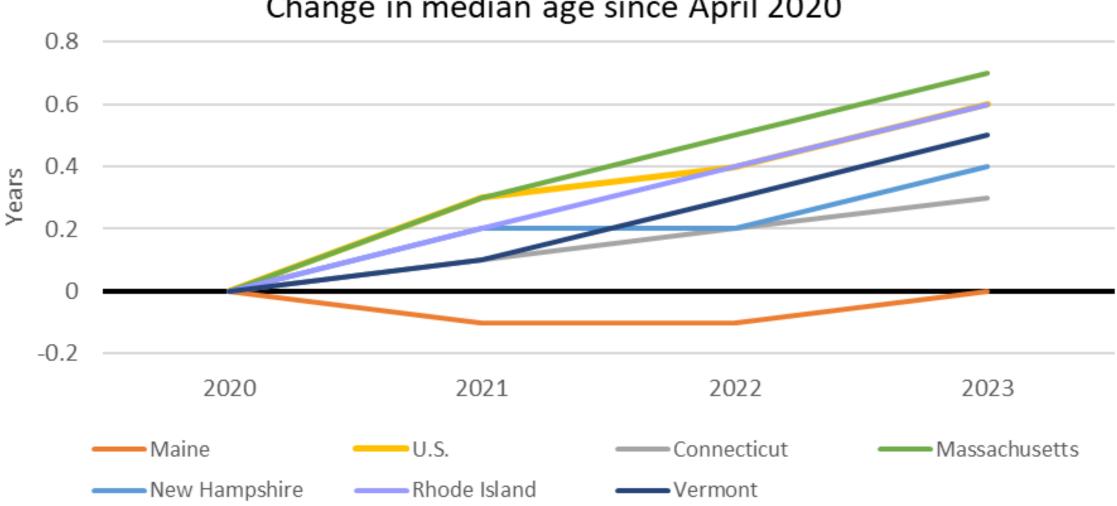
Maine has the highest... ...median age (44.8 years) ...and % of population age 65+ (23%)

But migration has made a difference:

Maine's median age was relatively stable from 2020-2023 and was the same in 2023 as in April 2020.

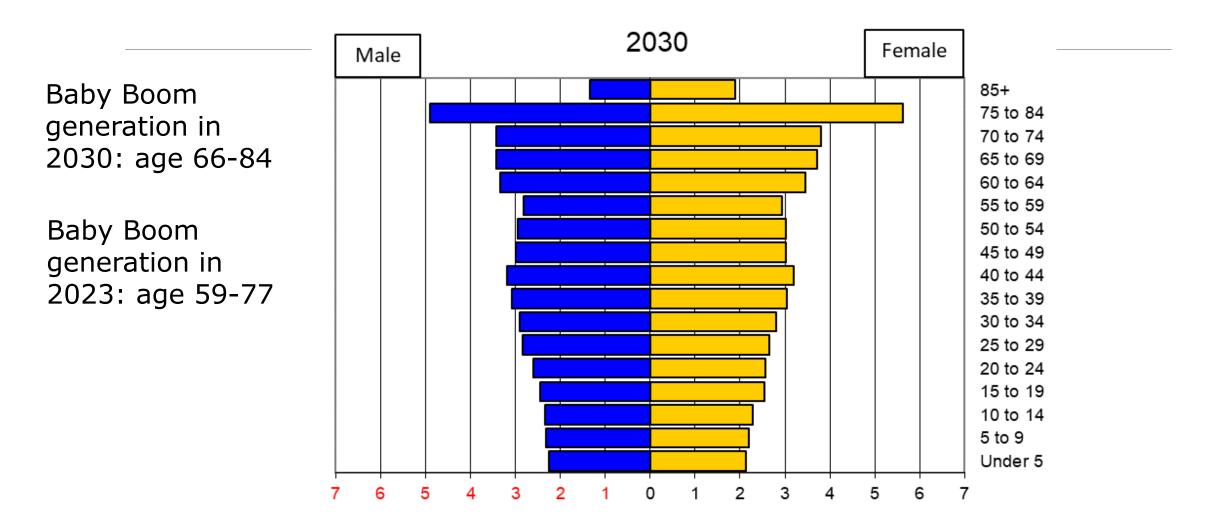
Meanwhile, the US median age increased by 0.6 years during this period.

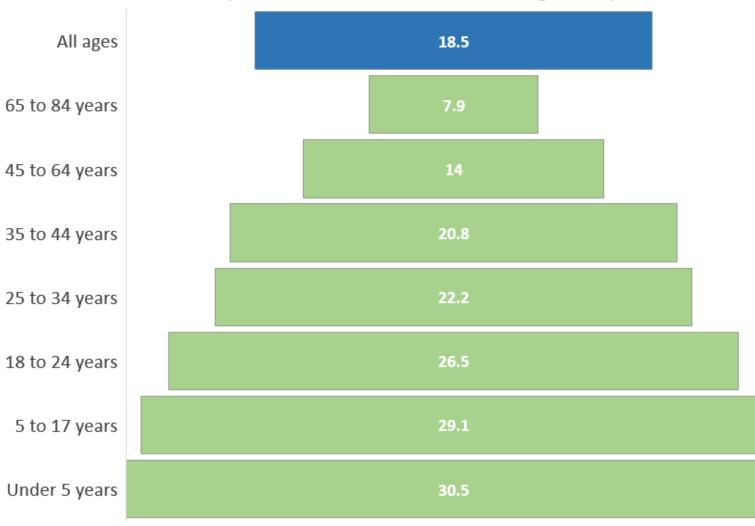




Change in median age since April 2020

The Baby Boom: 1946-1964





Diversity Index in Maine, 2020: Selected Age Groups

Younger generations in Maine are more diverse than older generations

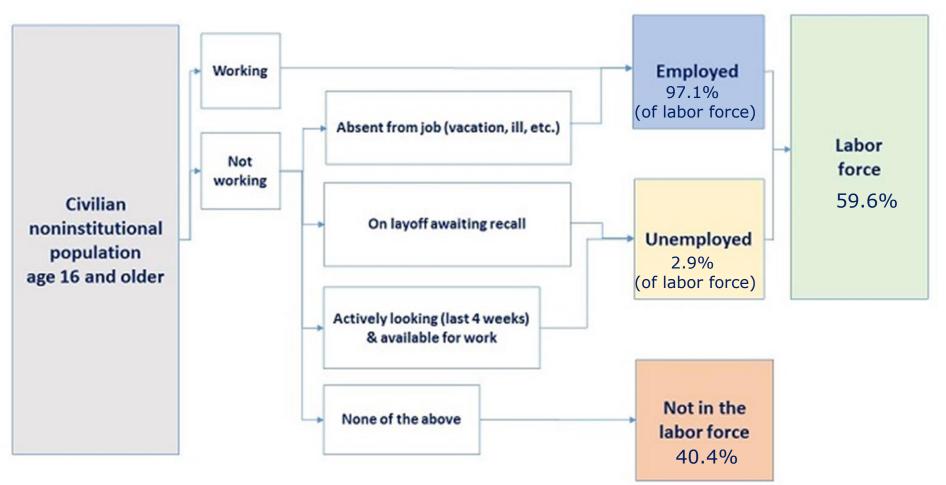
SOURCE: U.S. CENSUS BUREAU

Health Insurance Coverage of the Population, 2023

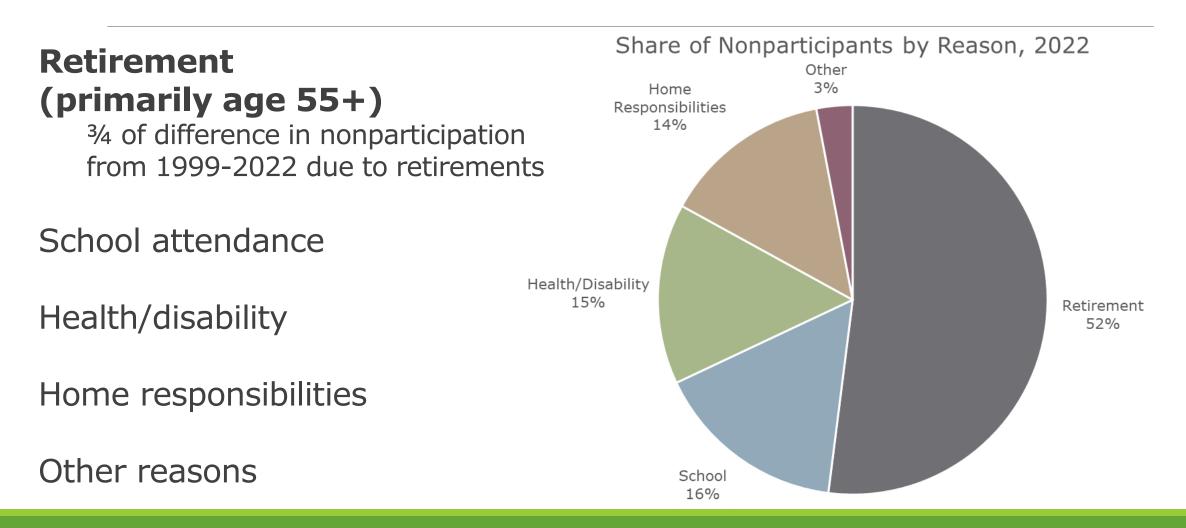
100%	Military, 1%	Military, 1%
	Uninsured, 8%	Uninsured, 6%
90%	Non-group Only, 6%	Non-group Only, 6%
80%	Medicaid Only or with Private, 18%	Medicaid Only or with Private, 16%
70%		Medicaid and Medicare, 6%
60%	Medicaid and Medicare, 4% Medicare Only or with Private,	Medicare Only or with Private,
50%	15%	19%
40%		
30%		
20%	Employer Only, 49%	Employer Only, 46%
10%		
0%		
	United States	Maine

Labor Force and Employment

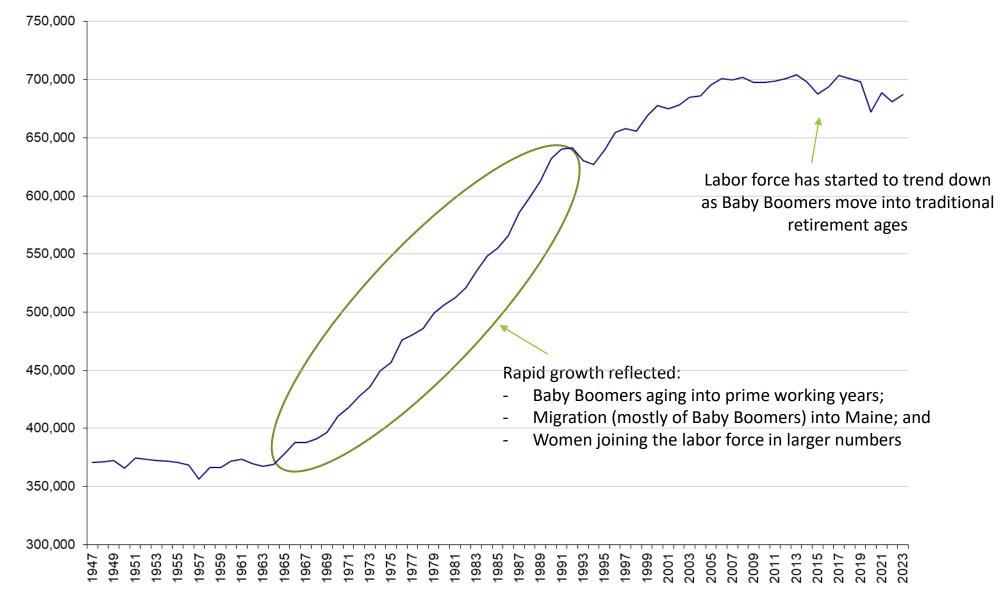
Who is in the labor force?

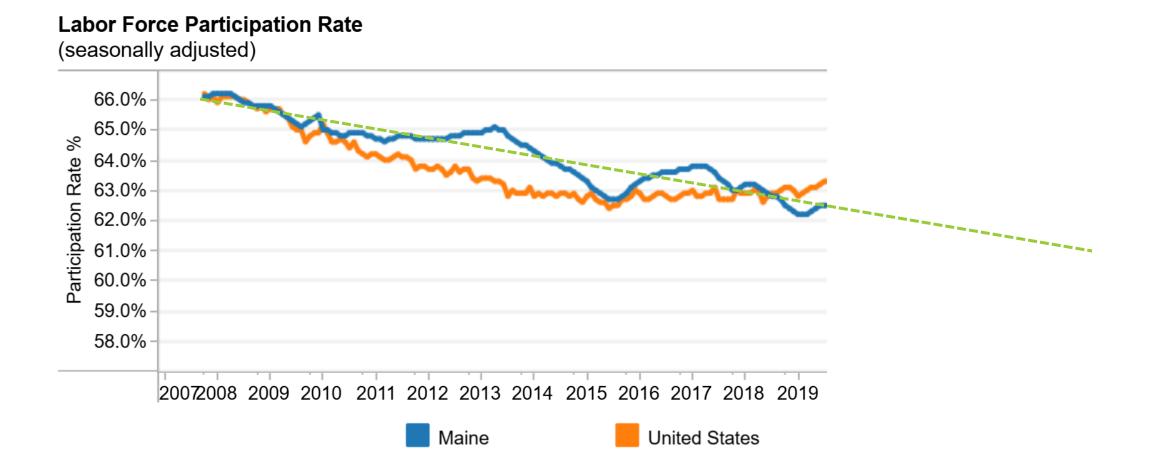


What are the reasons people nationally are not in the labor force?

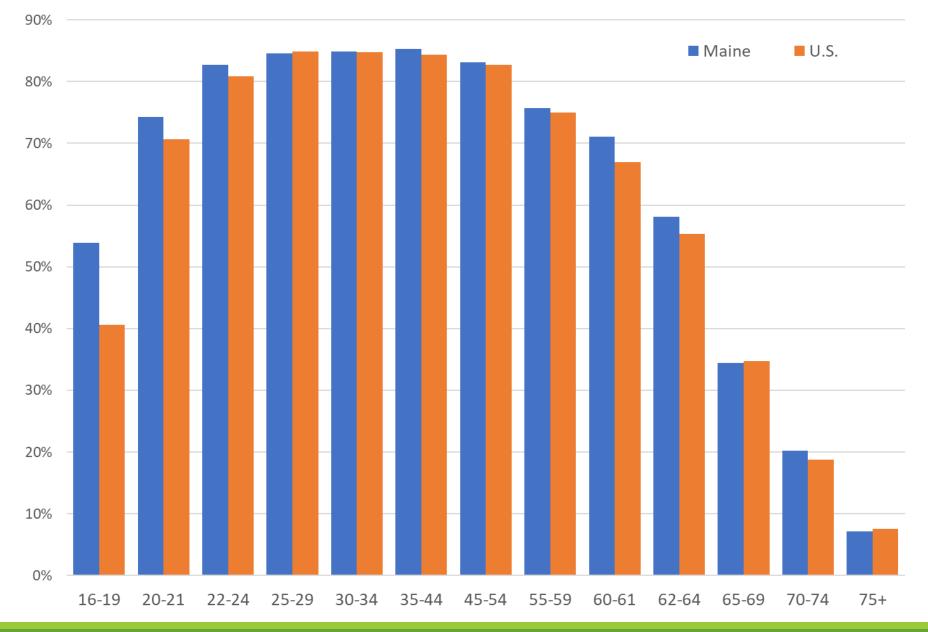


Maine Civilian Labor Force

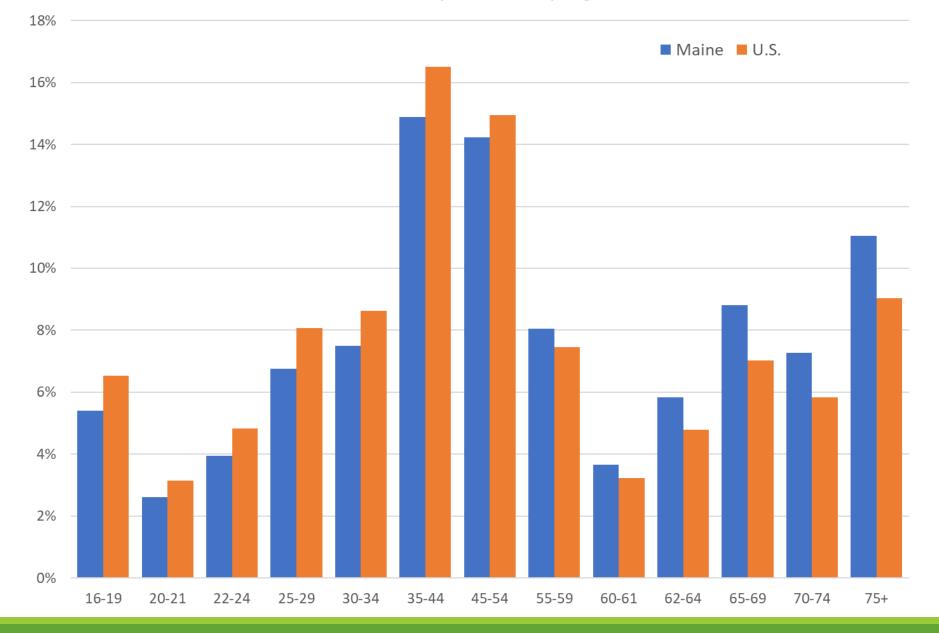




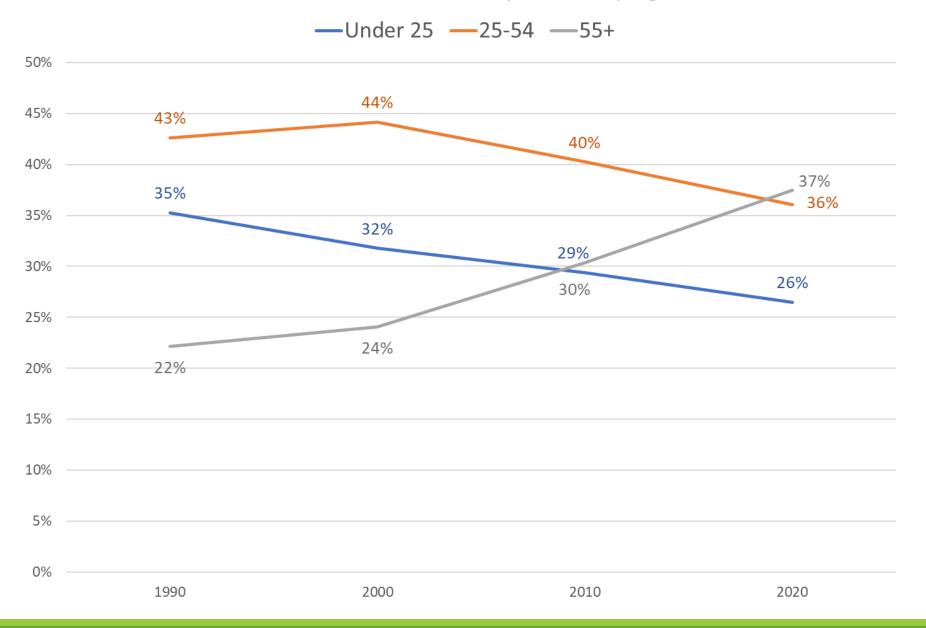
2023 Labor Force Participation Rate



Share of 16+ Population by Age, 2023



Share of Total Maine Population by Age



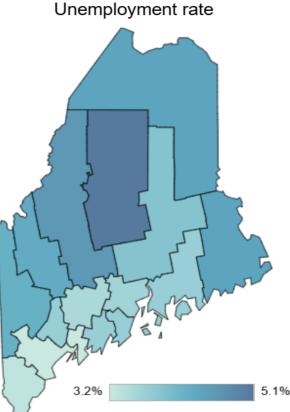
Unemployed Persons per Job Opening Ratio - Maine



Maine's seasonally-adjusted 3.1% unemployment rate in November 2024 is below both the U.S. and New England rates

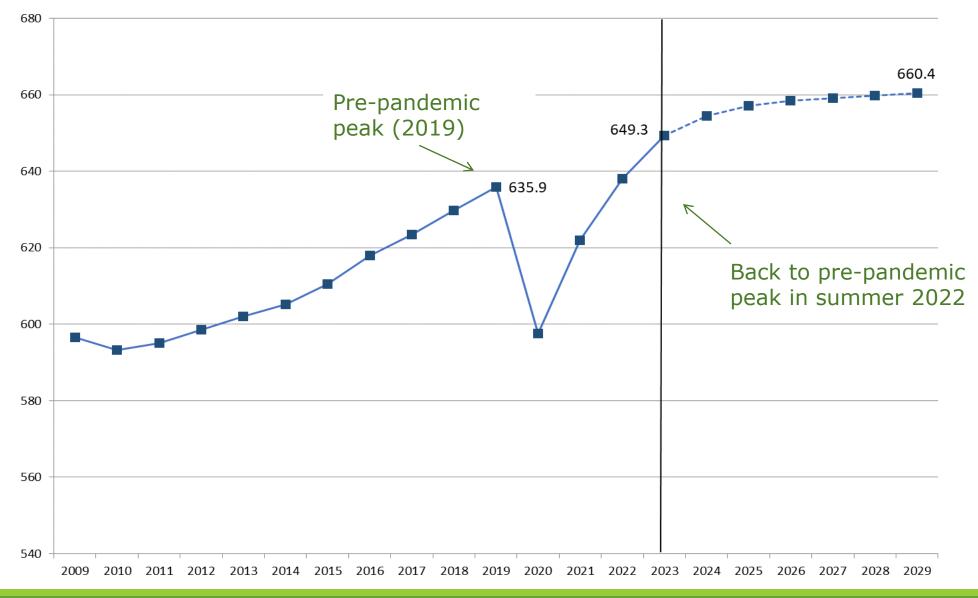
County Rates (not seasonally adjusted)

November, 2024	County	Rate	Year ago	One-yr change	
0	Maine	3.6%	3.4%	0.2	+
	Androscoggin	3.7%	3.3%	0.4	+
 Table 	Aroostook	4.4%	4.1%	0.3	+
Graph	Cumberland	3.2%	2.9%	0.3	+
Man/Grank Dianlay	Franklin	4.3%	4.4%	-0.1	+
Map/Graph Display	Hancock	3.7%	3.7%	0.0	-
Unemployment rate	Kennebec	3.5%	3.1%	0.4	+
One-year change	Knox	3.7%	3.4%	0.3	+
	Lincoln	3.7%	3.4%	0.3	+
	Oxford	4.2%	3.9%	0.3	+
	Penobscot	3.9%	3.7%	0.2	+
	Piscataquis	5.1%	4.6%	0.5	+
	Sagadahoc	3.2%	2.7%	0.5	+
	Somerset	4.6%	4.7%	-0.1	+
	Waldo	3.6%	3.4%	0.2	+
	Washington	4.4%	4.8%	-0.4	+
	York	3.3%	3.1%	0.2	+



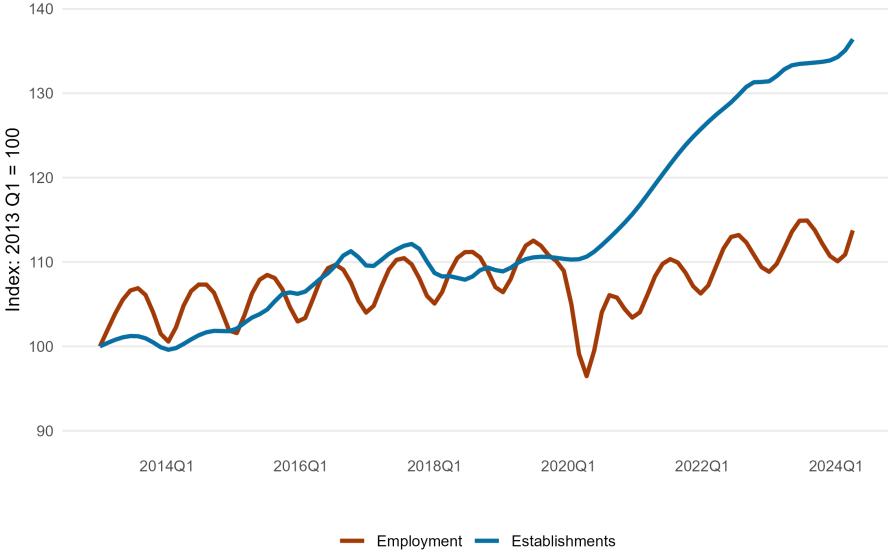
Maine Department of Labor, Center for Workforce Research and Information

Total Nonfarm Employment (in thousands) History and Consensus Economic Forecasting Commission forecast



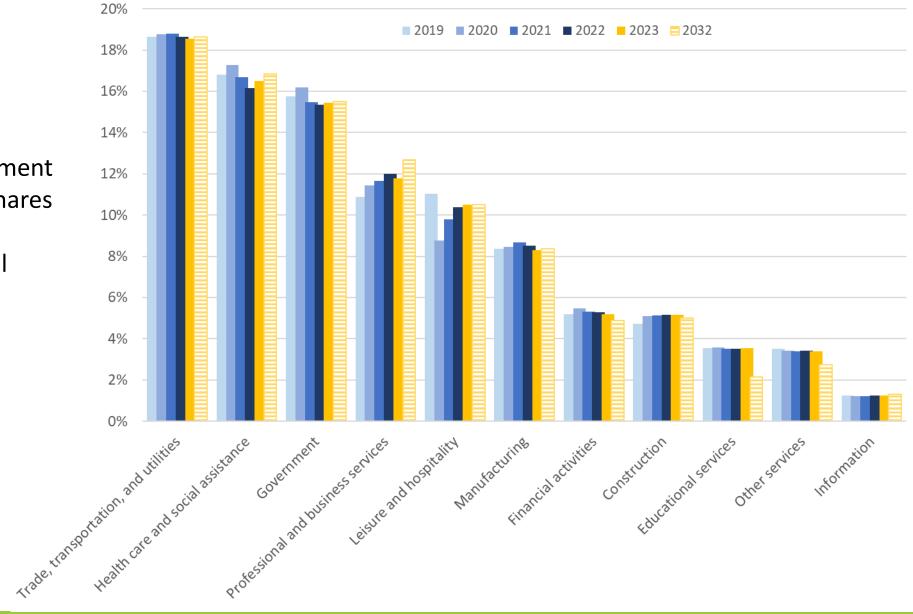
Wage and Salary Employment & Private Employer Establishments | Maine

As remote work grew during the pandemic, Maine saw employer establishments grow at a faster rate than jobs as out-of-state firms reported small numbers of workers now in Maine.

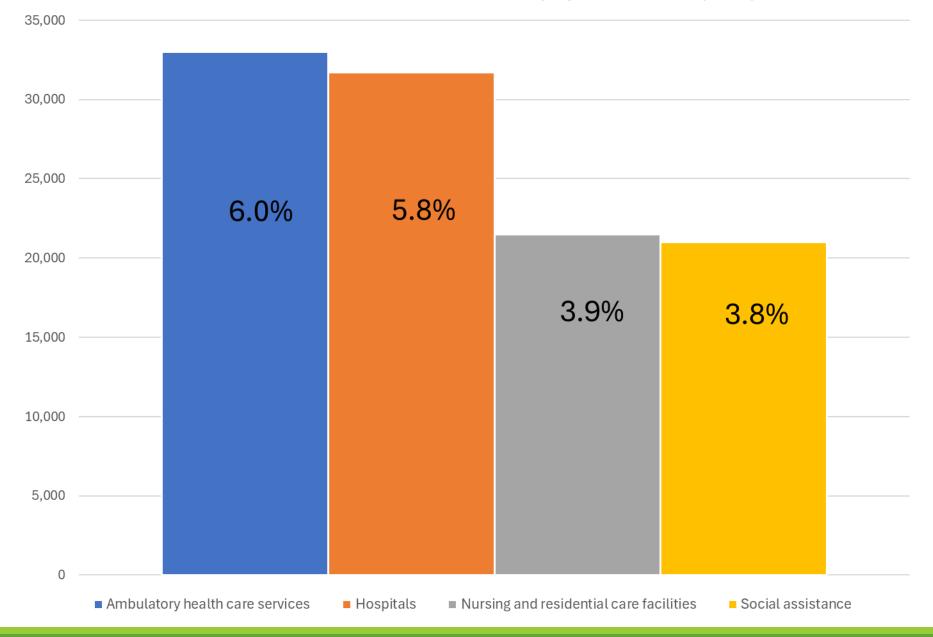


Share of Maine Nonfarm Employment by Industry

According to the Maine Department of Labor's Employment Outlook to 2032, the relative shares are not expected to change by much (the same sectors are still expected to be the largest)



Healthcare & Social Assistance Private Employment in Maine (2023)



Display: Bar Graph Table Bubble Graph	SOC Code	Typical Education Required (All) ✓	Typical Education I Associate's degree Bachelor's degree Doctoral or profe	ree ee		s Only) High sch Master's No forma	degree			Posi		-	-degree legree	award
		Maine Hig	h-Wage, In-Demand Education Requireme		/ Education	า								
	Оссира	ation	Ŧ											
Heavy and Tractor-Traile												_		139
General and Operations	Managers											1	,050	_
Registered Nurses										823				
First-Line Supervisors of	Retail Sales Workers									800				
Carpenters								573						
Clergy							452							
Accountants and Auditor	S						446							
Business Operations Spe	ecialists, All Other						442							
Elementary School Teach	hers, Except Special Education						423							
Insurance Sales Agents							419							
First-Line Supervisors of Office and Administrative Support Workers						4	06							
Secondary School Teachers, Except Special and Career/Technical Education						376	;							
Managers, All Other						348								
	Wholesale and Manufacturing, Exc	cept Technical and Scientific Produc	1	0 100	200 30	348	500 A	600 nnual O	700 penings		900 1	1000	1100 ·	1200

Source: Maine Department of Labor, Center for Workforce Research and Information, 2022-2032 Occupational Employment Projections and 2023 Occupational Employment and Wage Estimates for Maine.

Top 25	SOC Code	Job Title						
Education Requirement:	35-2014	Cooks, Restaurant	816					
All High School Diploma or Less	31-1120	Home Health and Personal Care Aides	677					
Some College or Associate's Degree	29-1171	Nurse Practitioners	472					
Bachelor's Degree or Higher	11-9111	Medical and Health Services Managers	471					
Select Topic: C Largest Annual Openings	53-7065	Stockers and Order Fillers	424					
Largest Net Job Growth Fastest Rate of Job Growth	15-1252	Software Developers	401					
C Largest Net Job Loss	53-3054	Taxi Drivers	384 298					
 Fastest Rate of Job Loss 	31-9092	Medical Assistants						
Associate's degree	11-3031	Financial Managers	276					
Bachelor's degree	15-2051	Data Scientists	243					
Doctoral or professional degree High school diploma or equivalent	13-1161	Market Research Analysts and Marketing Specialists	206					
Master's degree	31-1131	Nursing Assistants	202					
No formal educational credential Postsecondary non-degree award	29-1141	Registered Nurses	196					
r ostaccondary non-degree award	29-1071	Physician Assistants	176					
	13-1111	Management Analysts	174					
	23-1011	Lawyers	137					
	49-9041	Industrial Machinery Mechanics	134					
	47-4051	Highway Maintenance Workers	123					
	11-3021	Computer and Information Systems Managers	113					
	29-2052	Pharmacy Technicians	110					

25 Occupations with the Largest Projected Net Job Growth in Maine

0 100 200 300 400 500 600 700 800 900 Net Growth

34

How do we find enough workforce in the future?

<u>Migration</u>: continue to attract workers to Maine; housing is currently a constraint

<u>Retirements</u>: find creative ways to keep older adults engaged in the workforce

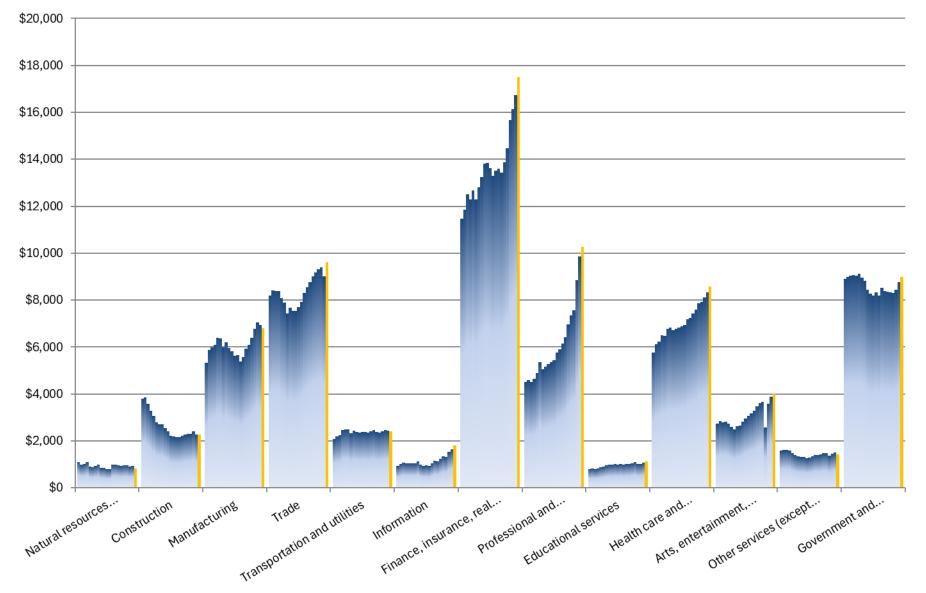
Labor Force Participation: remove roadblocks for historically underemployed populations

<u>Automation</u>: use technology to substitute for labor

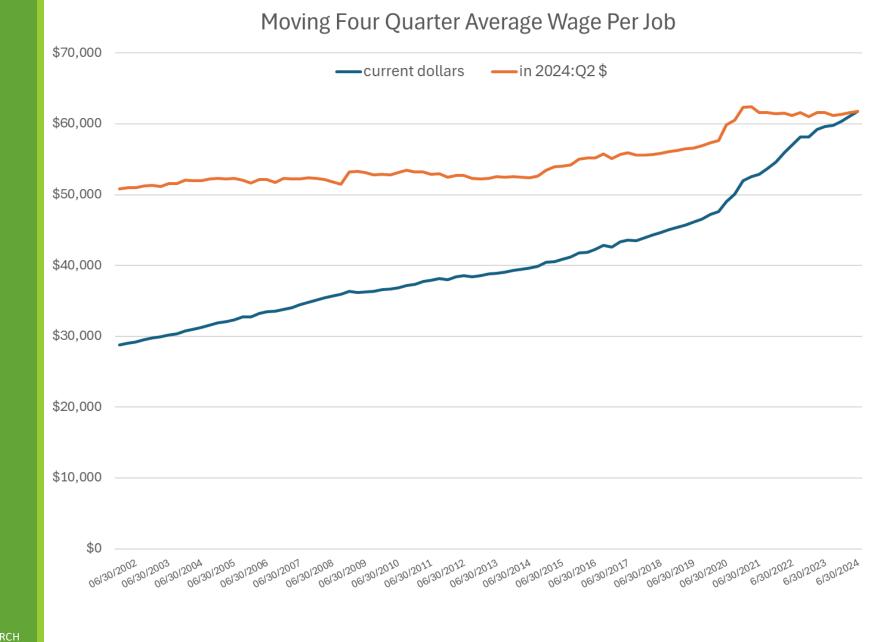
Gross Domestic Product, Income, and Spending



Maine Real GDP by Industry, 2003-2023 (in millions of chained 2017 dollars)

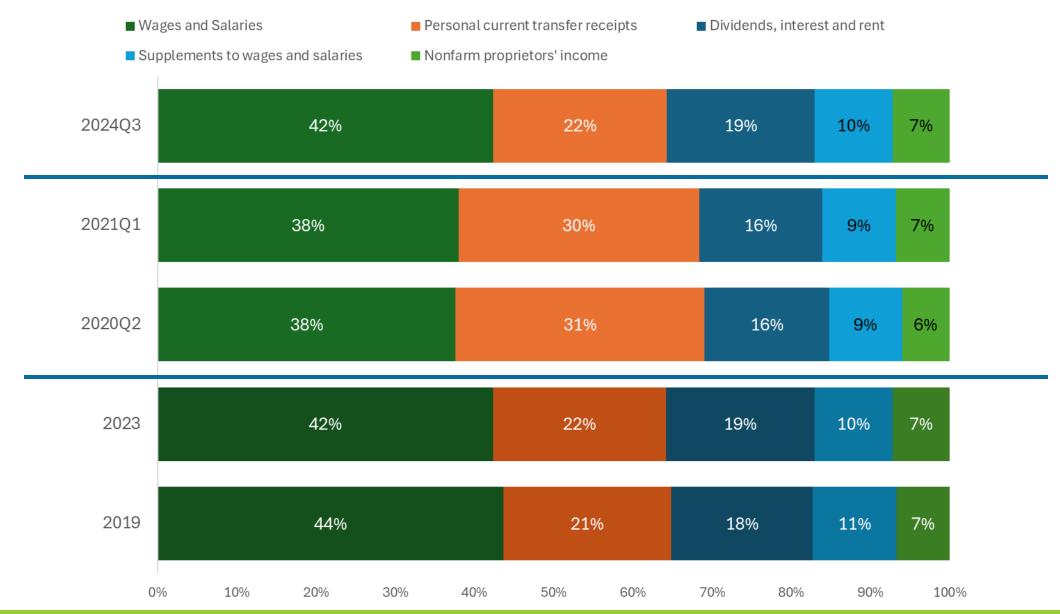


Wages increased sharply during the first part of the pandemic, but increases since then have just kept pace with inflation



SOURCES: MAINE DEPARTMENT OF LABOR, CENTER FOR WORKFORCE RESEARCH AND INFORMATION; U.S. BUREAU OF LABOR STATISTICS

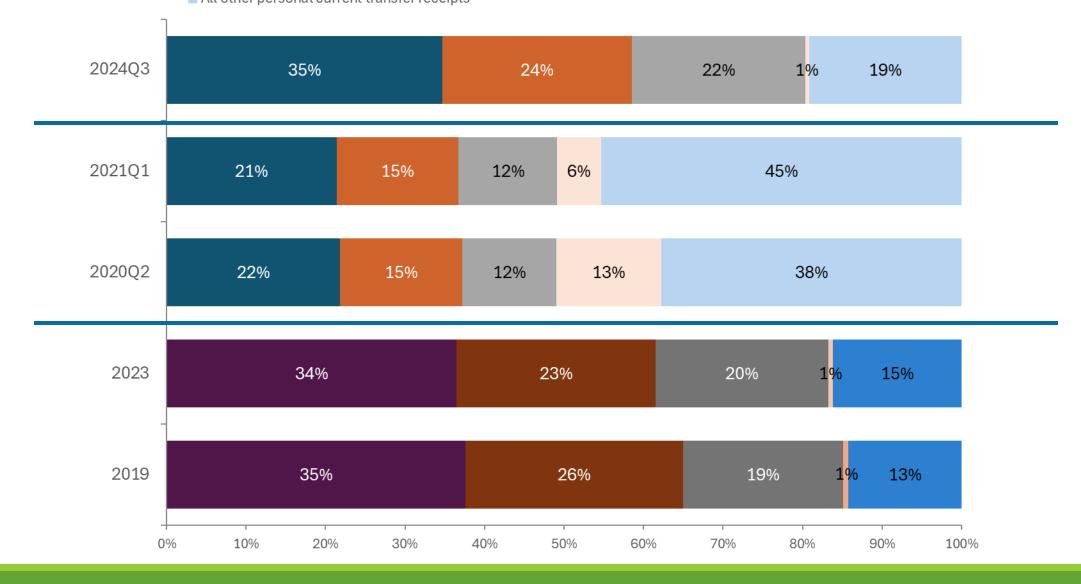
Major Components of Personal Income, Maine



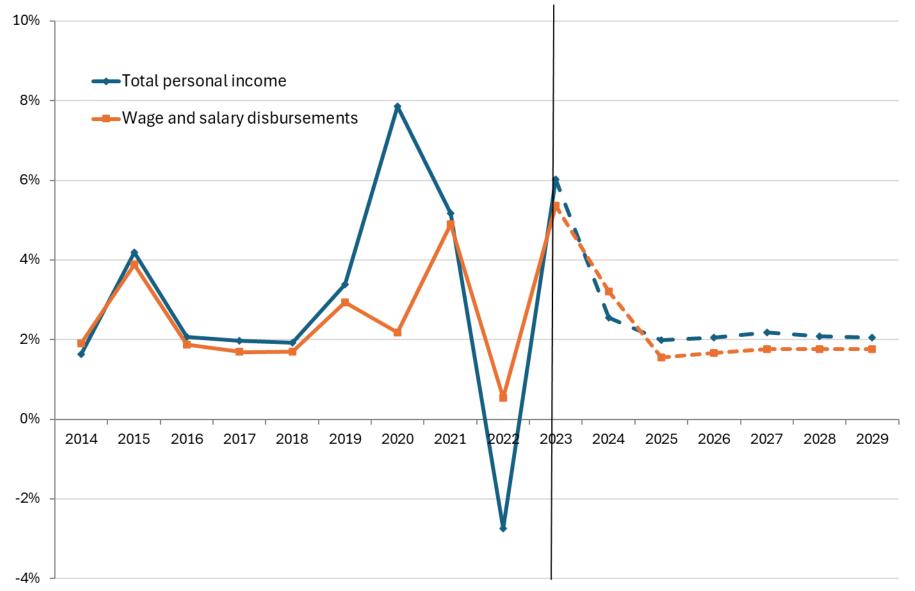
Components of Personal Current Transfer Receipts,

- Social Security benefits Medicar
- Medicaid
- All other personal current transfer receipts

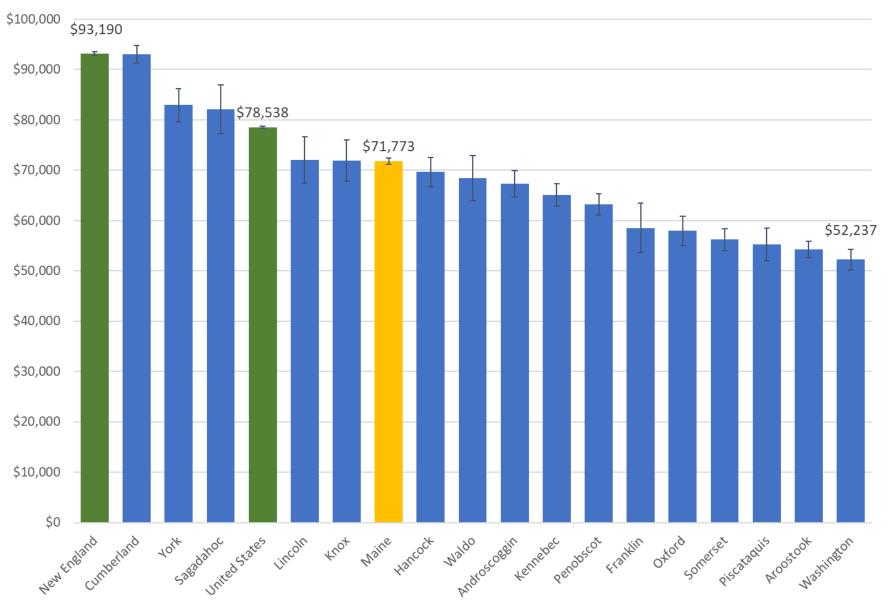
- Medicare benefits
- Unemployment insurance compensation



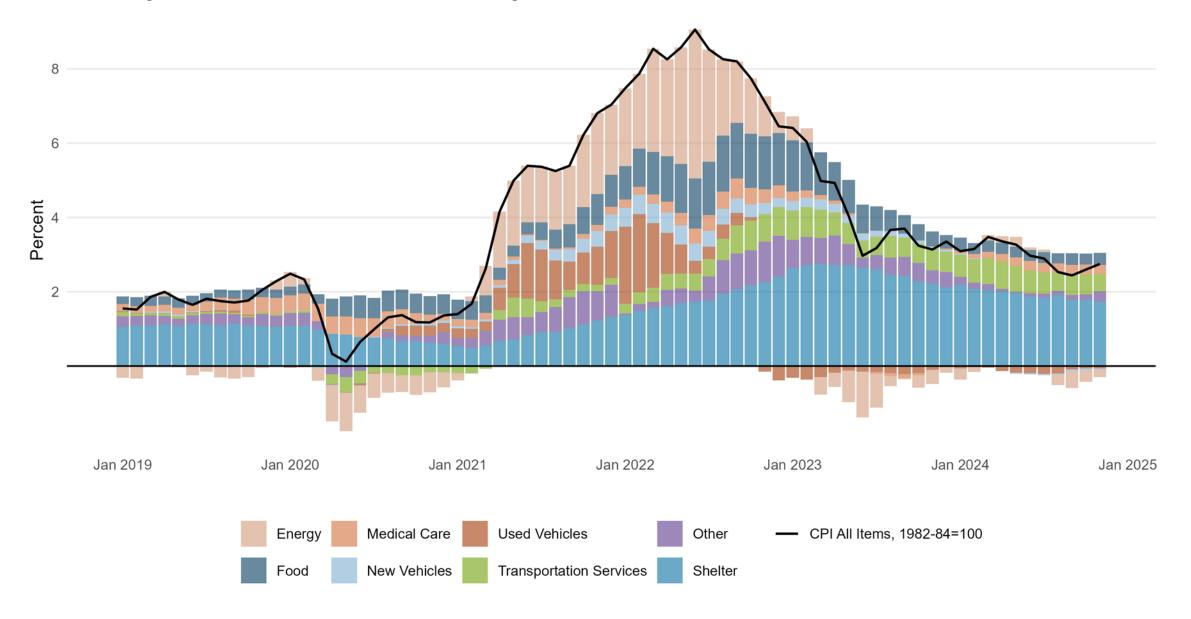
Percent Change in Real Personal Income (2023 \$), Maine 2014-2023 and forecast to 2029



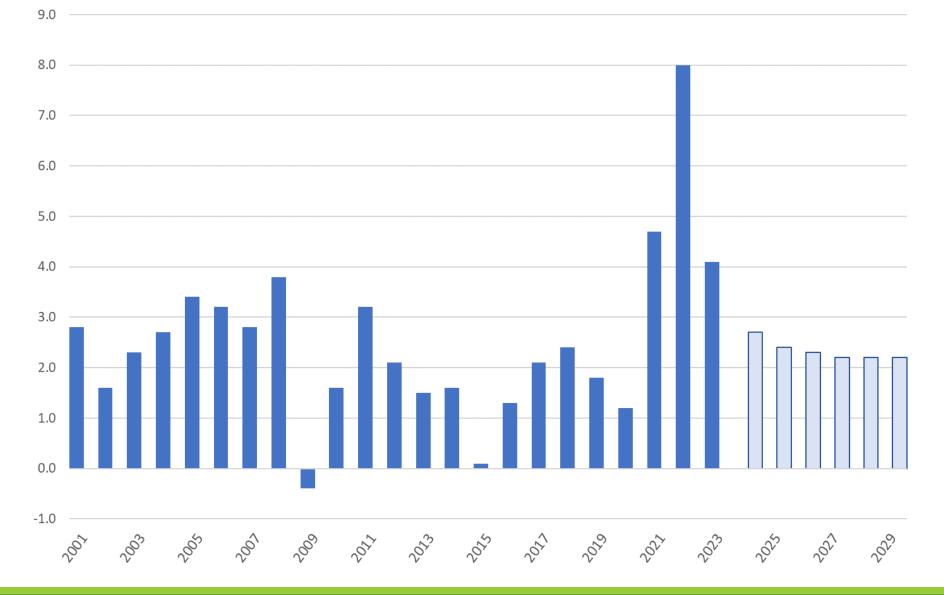
Median Household Income

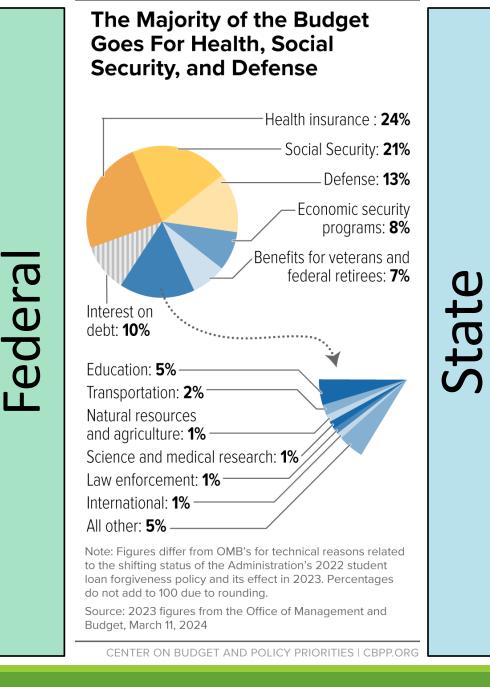


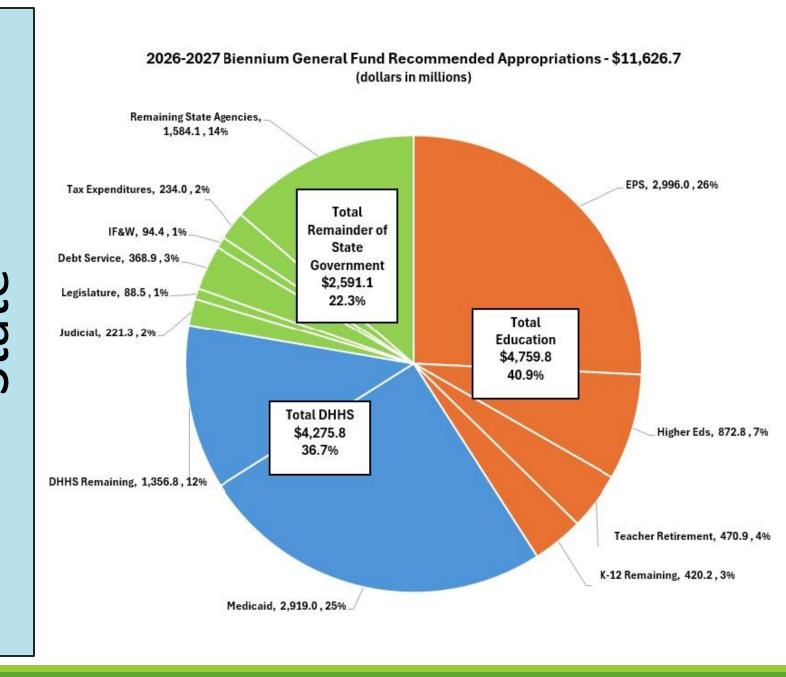
Percentage Point Contribution to YoY Percent Change in CPI



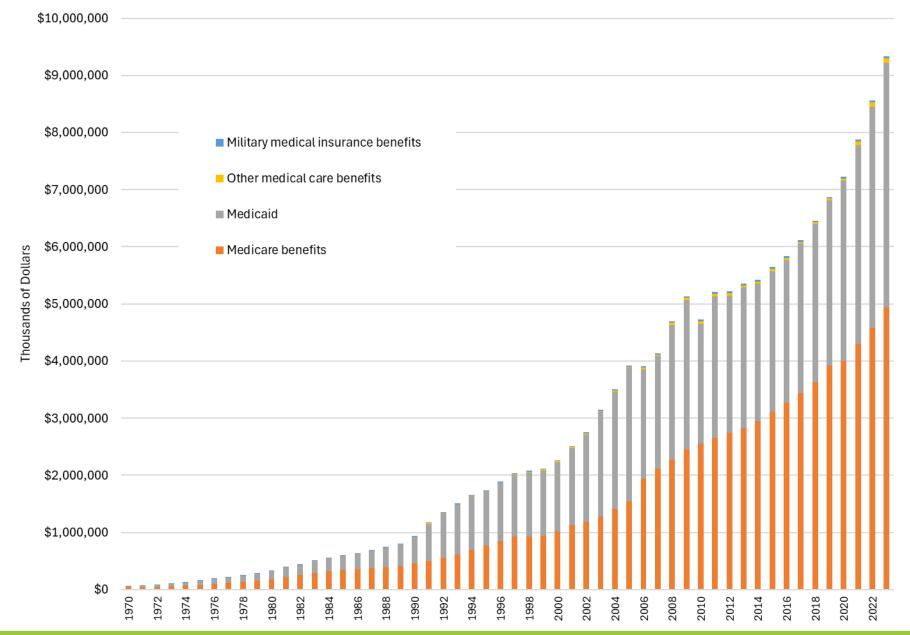
Year-over-year percent change in Consumer Price Index; 2001-2023 historical and 2024-2029 forecast

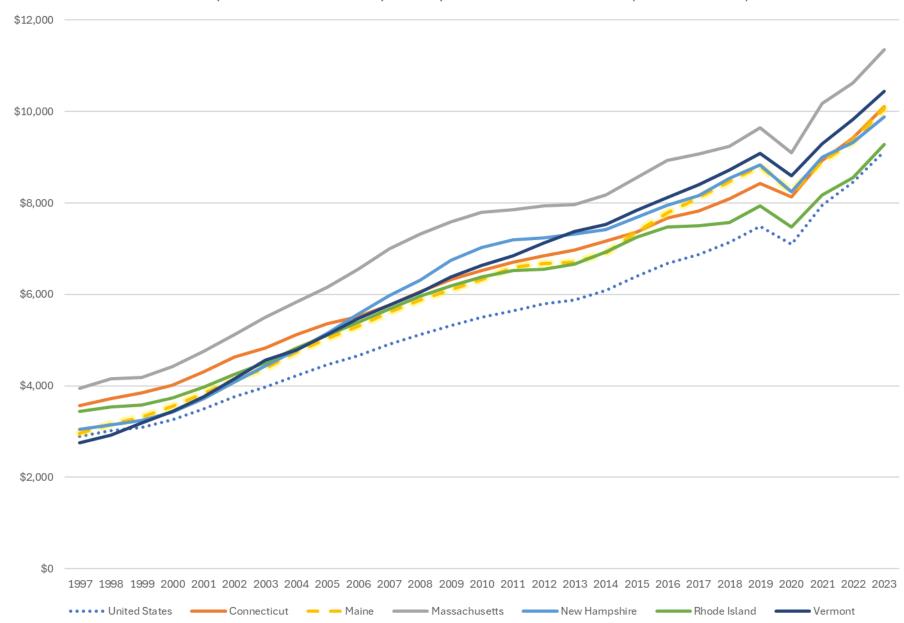






Maine Personal Current Transfer Receipts: Medical Benefits





Per Capita Personal Consumption Expenditures on Healthcare (current dollars)

Contact Information

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