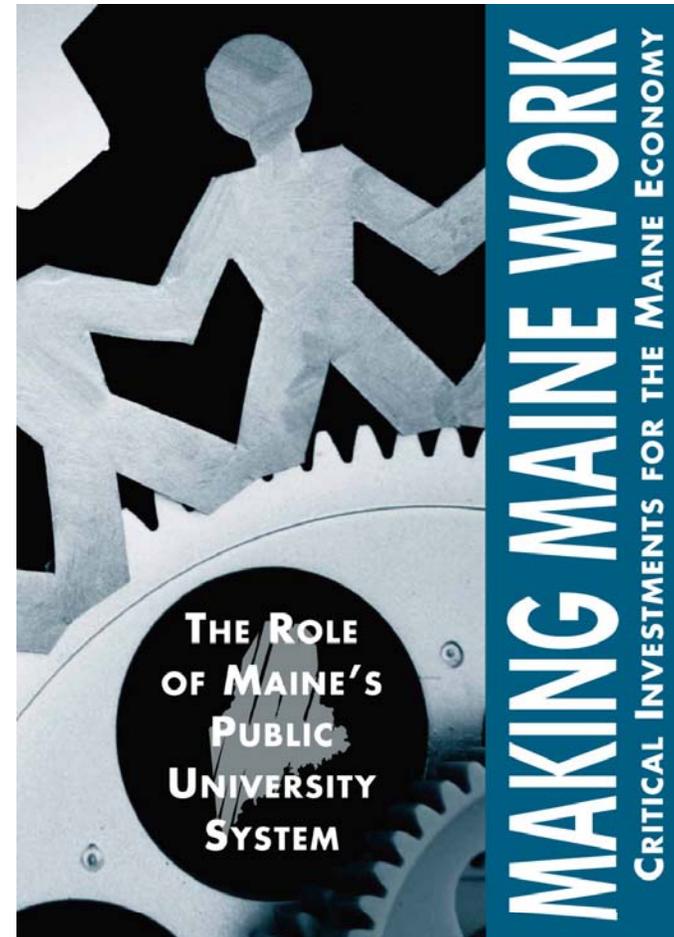
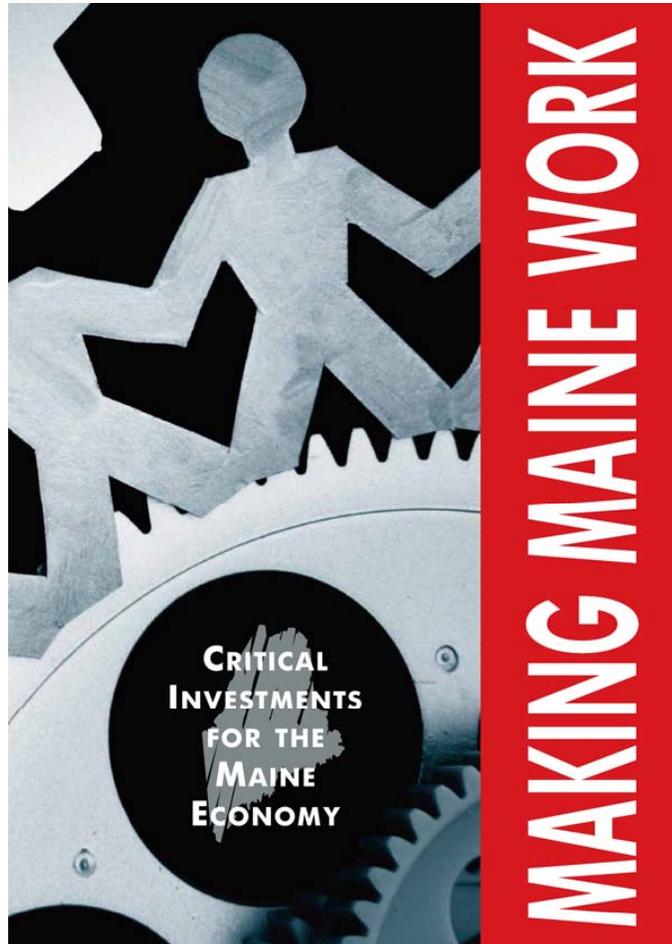
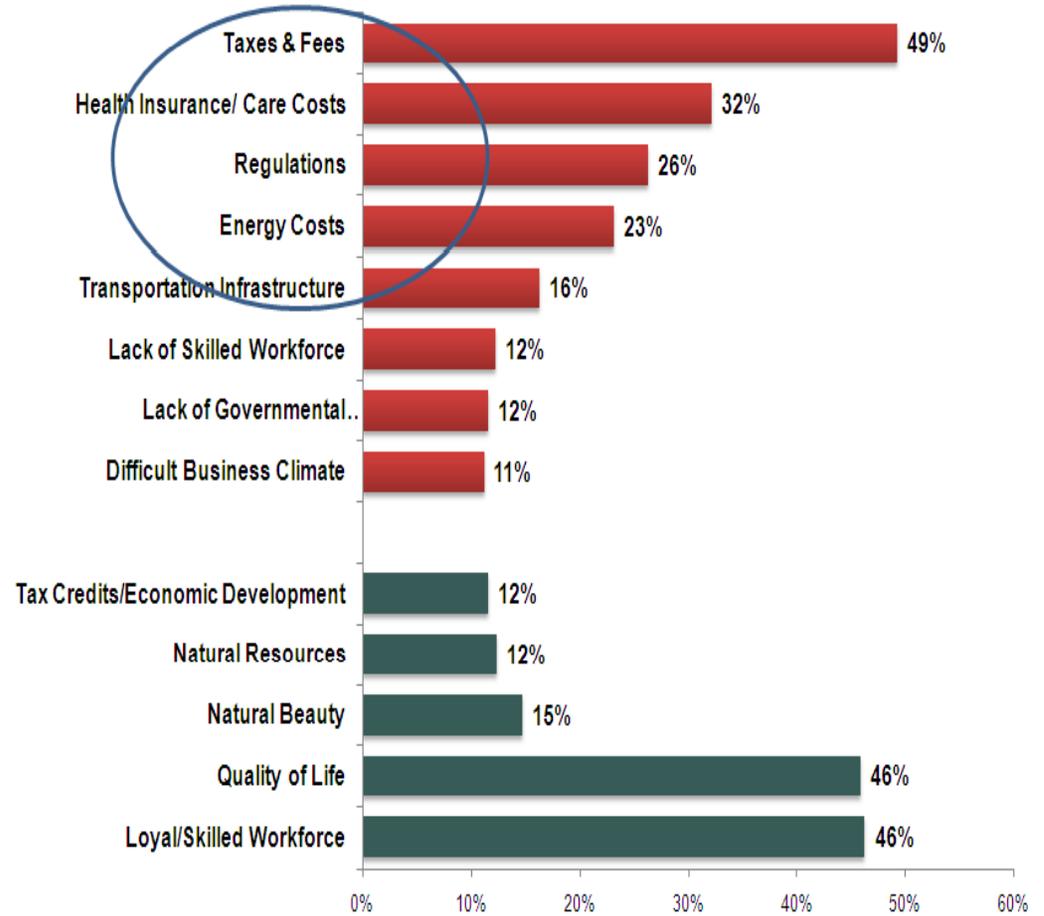
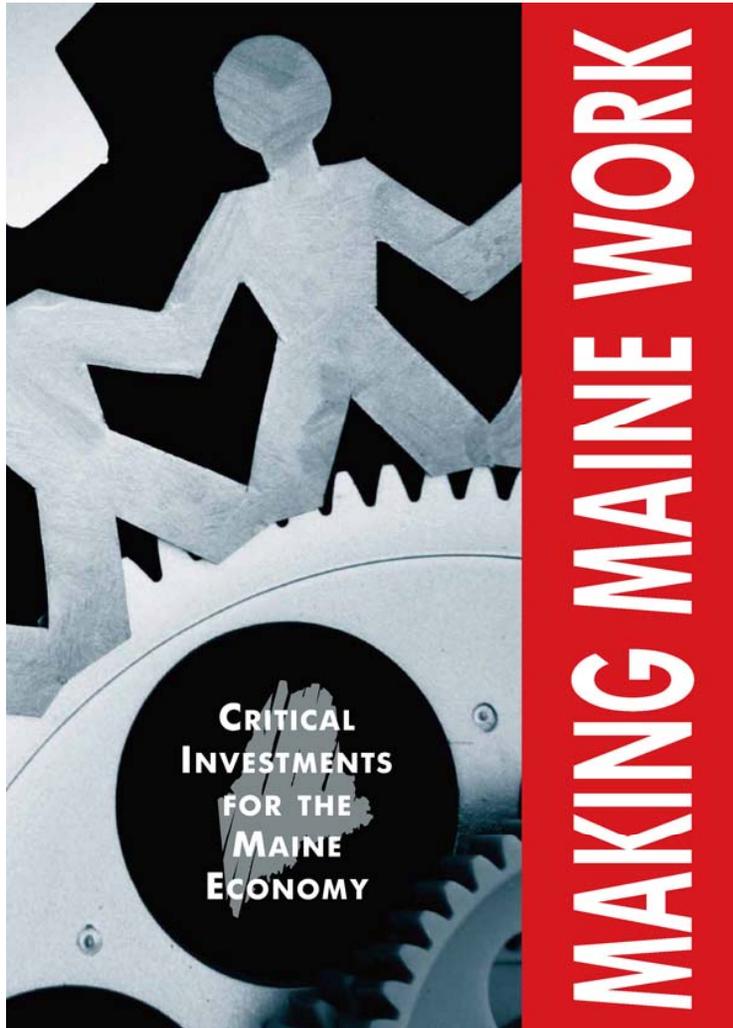


# Education: An Economic Imperative for Maine



## Barriers and Supports to Economic Growth



This is an open-ended question. The responses are offered by respondents. Topics not asked of every respondent  
 Source: Maine Development Foundation/Maine State Chamber of Commerce Web Survey with Business Leaders February 2010, n=1,039.

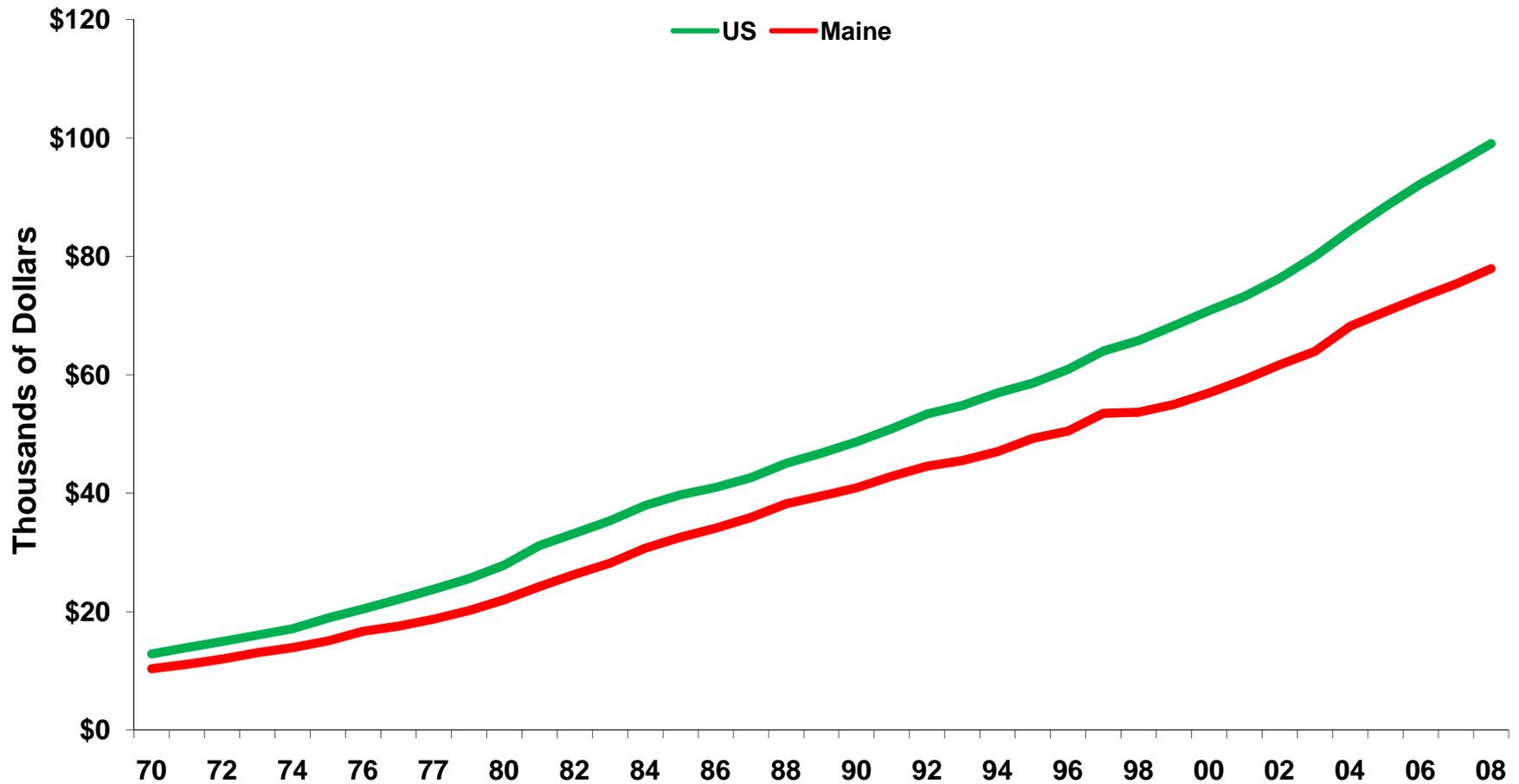
# V I S I O N

A high quality of life for all Maine people.

*Achieving this vision requires a vibrant and sustainable economy supported by vital communities and a healthy environment.*

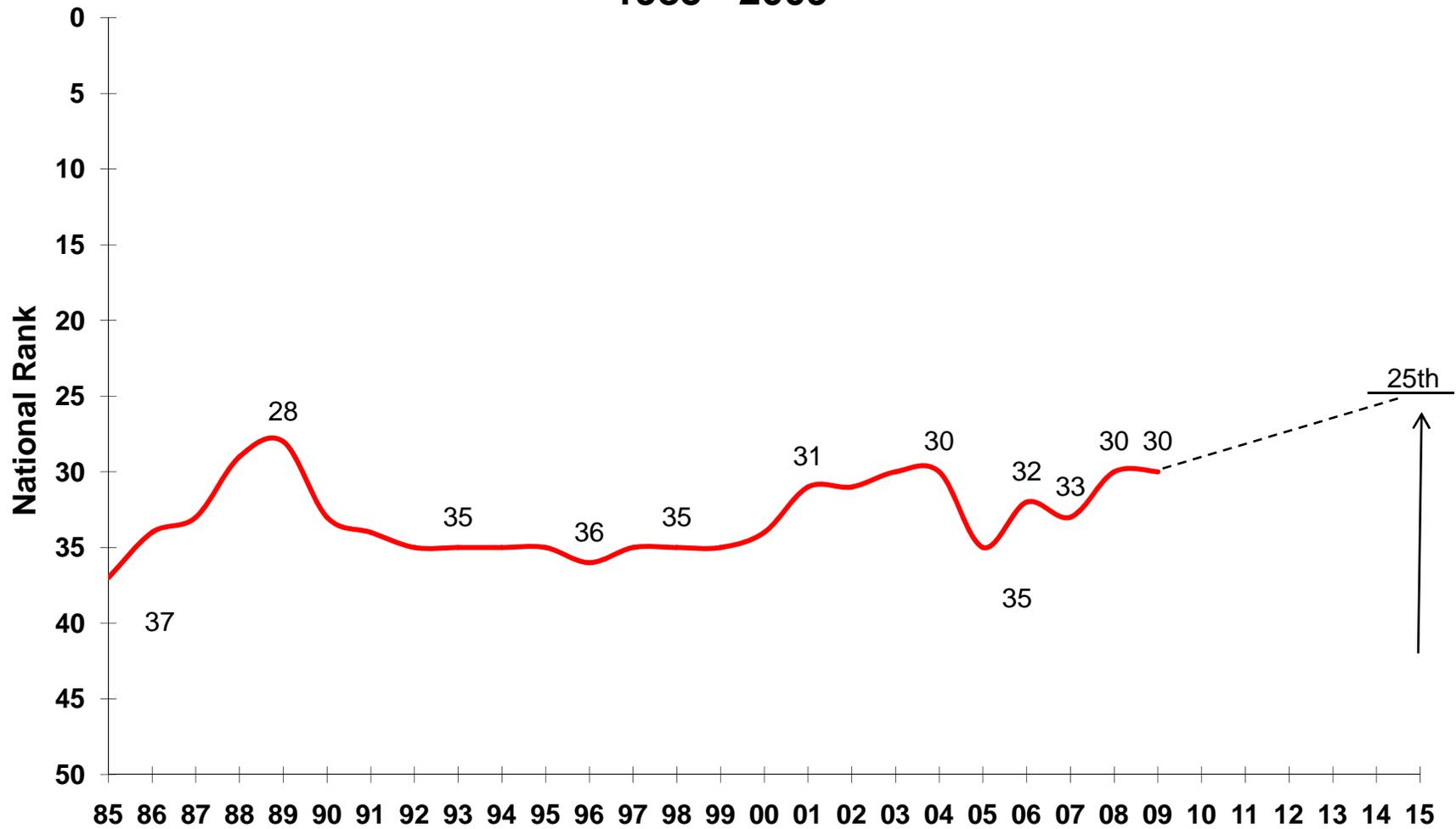


# Value Added per Worker, All Industries U.S. and Maine 1970 - 2008



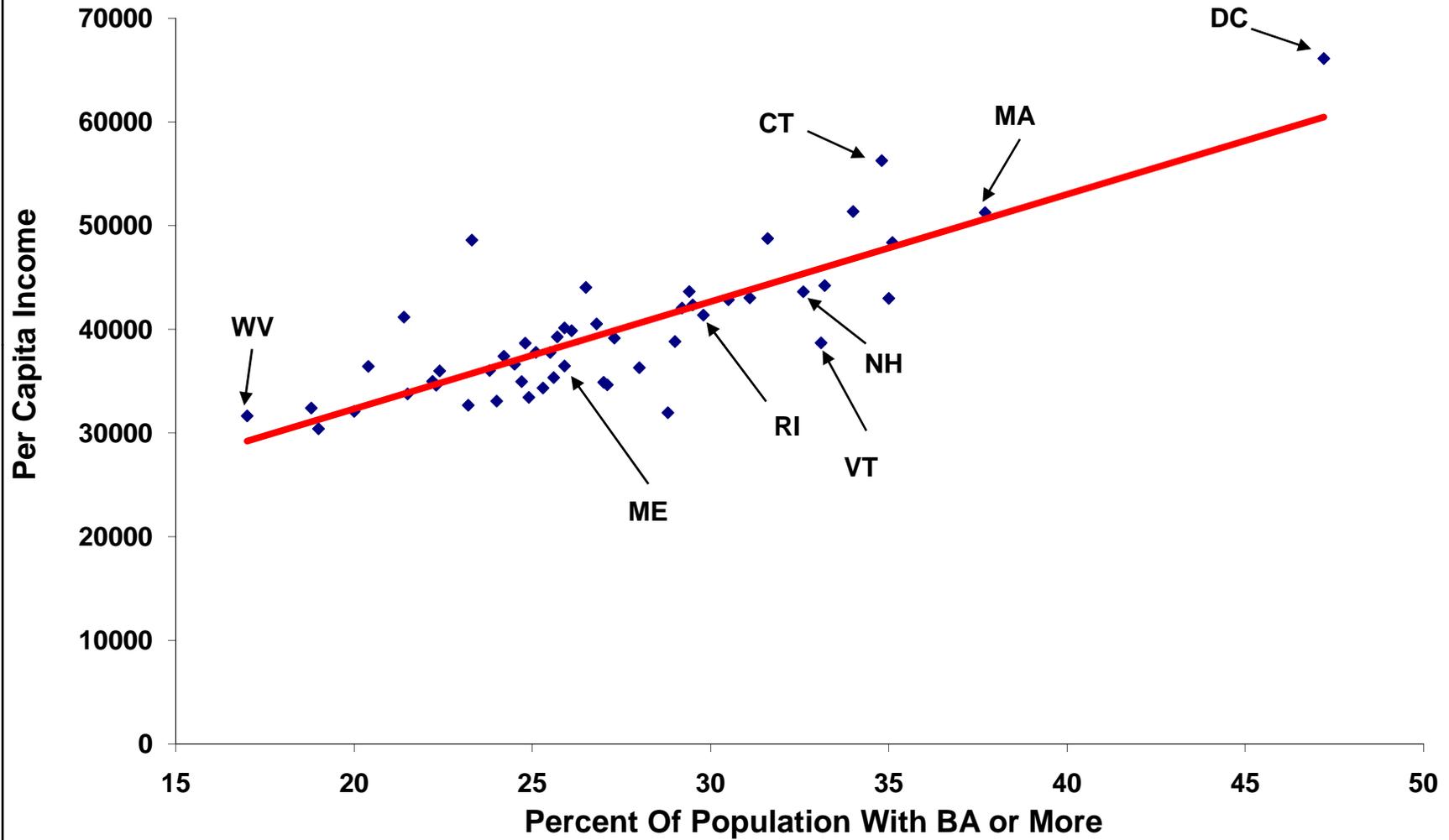
Source: Bureau of Economic Analysis, Regional Economic Accounts

## National Rank on Per Capita Personal Income 1985 - 2009



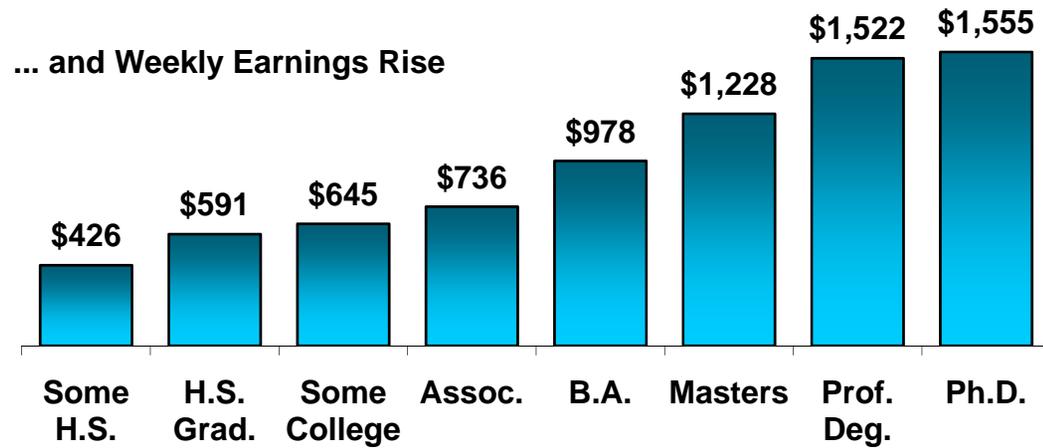
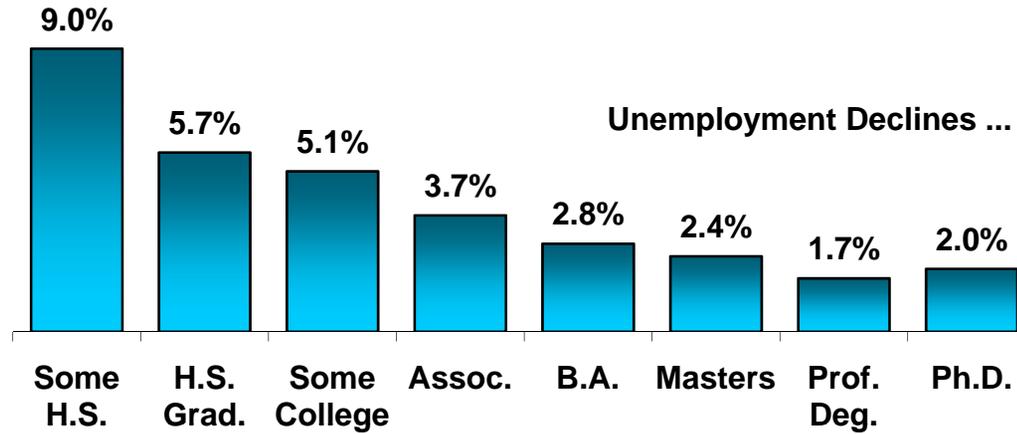
Source: Bureau of Economic Analysis

## Educational Attainment And Per Capita Income 2008



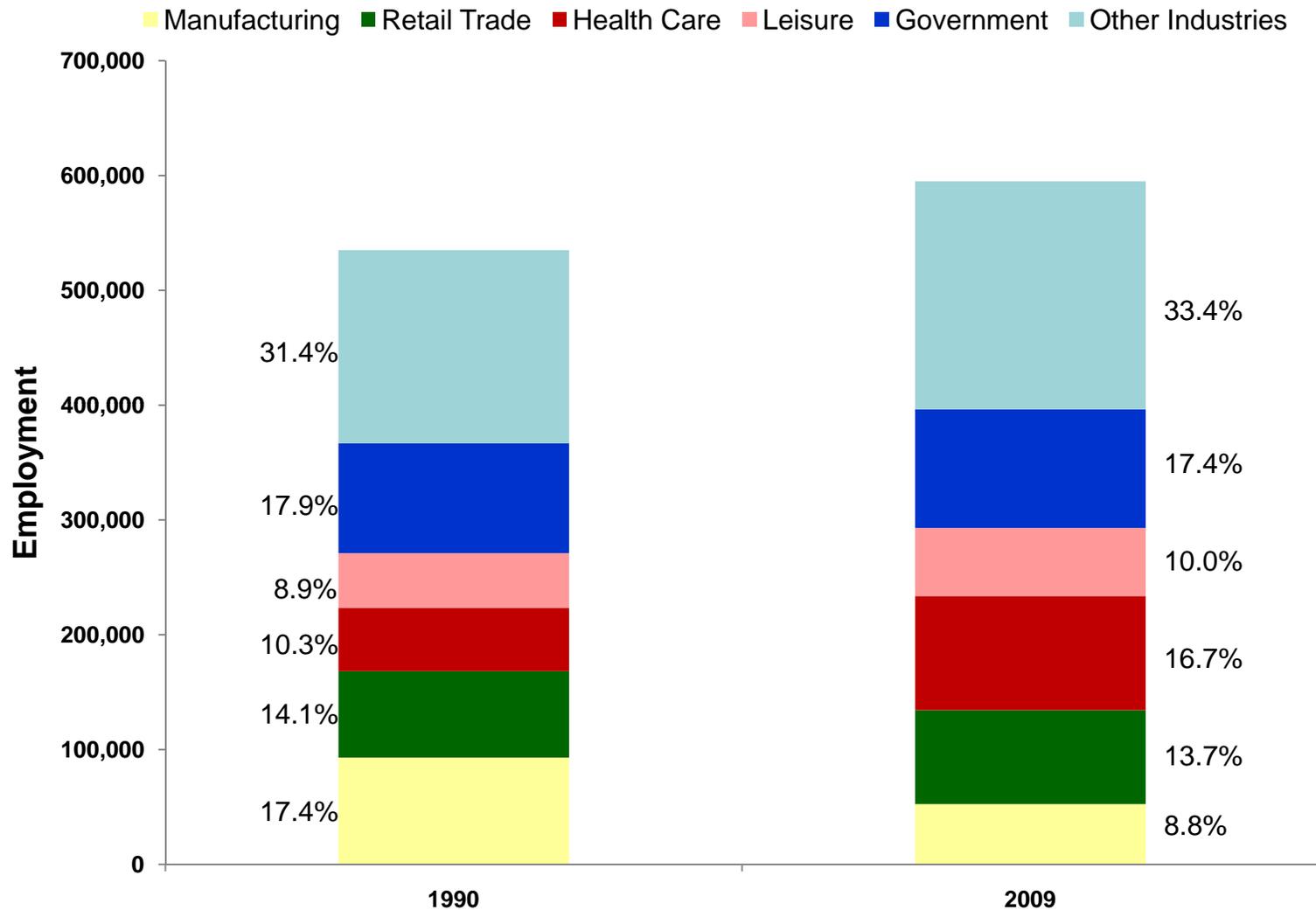
Source: Bureau of Economic Analysis

## With Additional Education (2008)



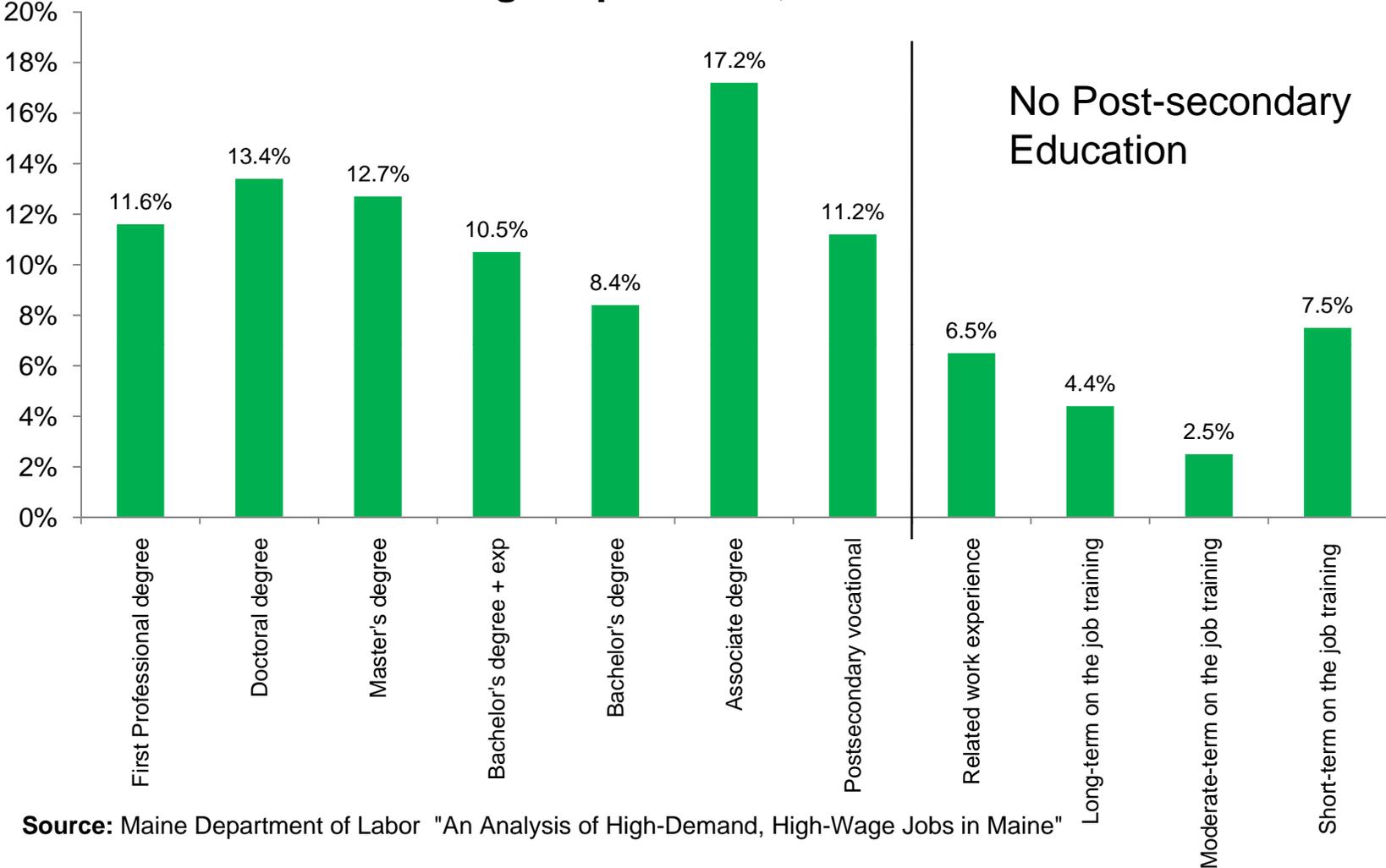
Source: Bureau of Labor Statistics

## Maine's Wage & Salary Employment by Sector



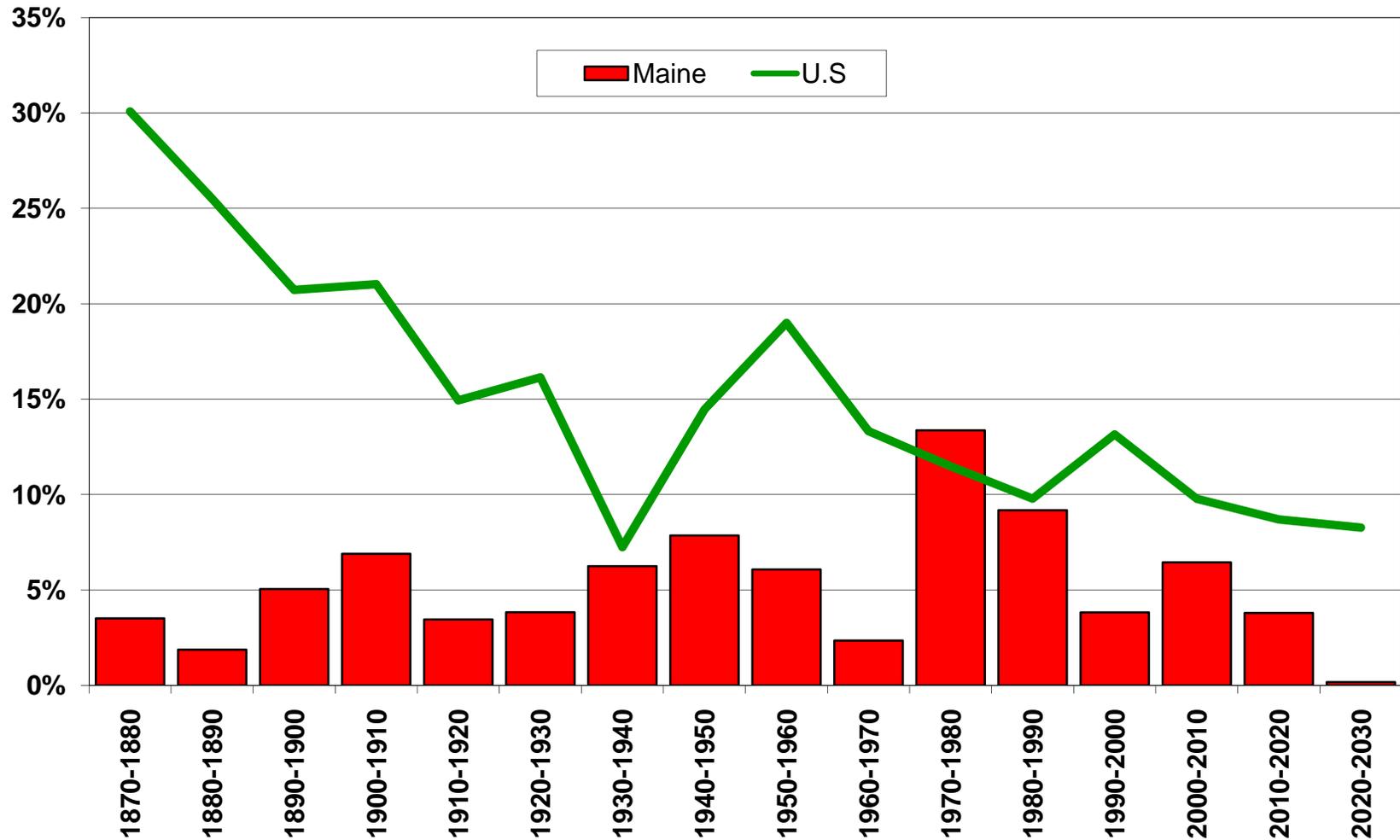
Source: Maine Department of Labor, Center for Workforce Research and Information

# Expected Occupational Job Growth by Usual Education or Training Requirement, 2004 - 2014



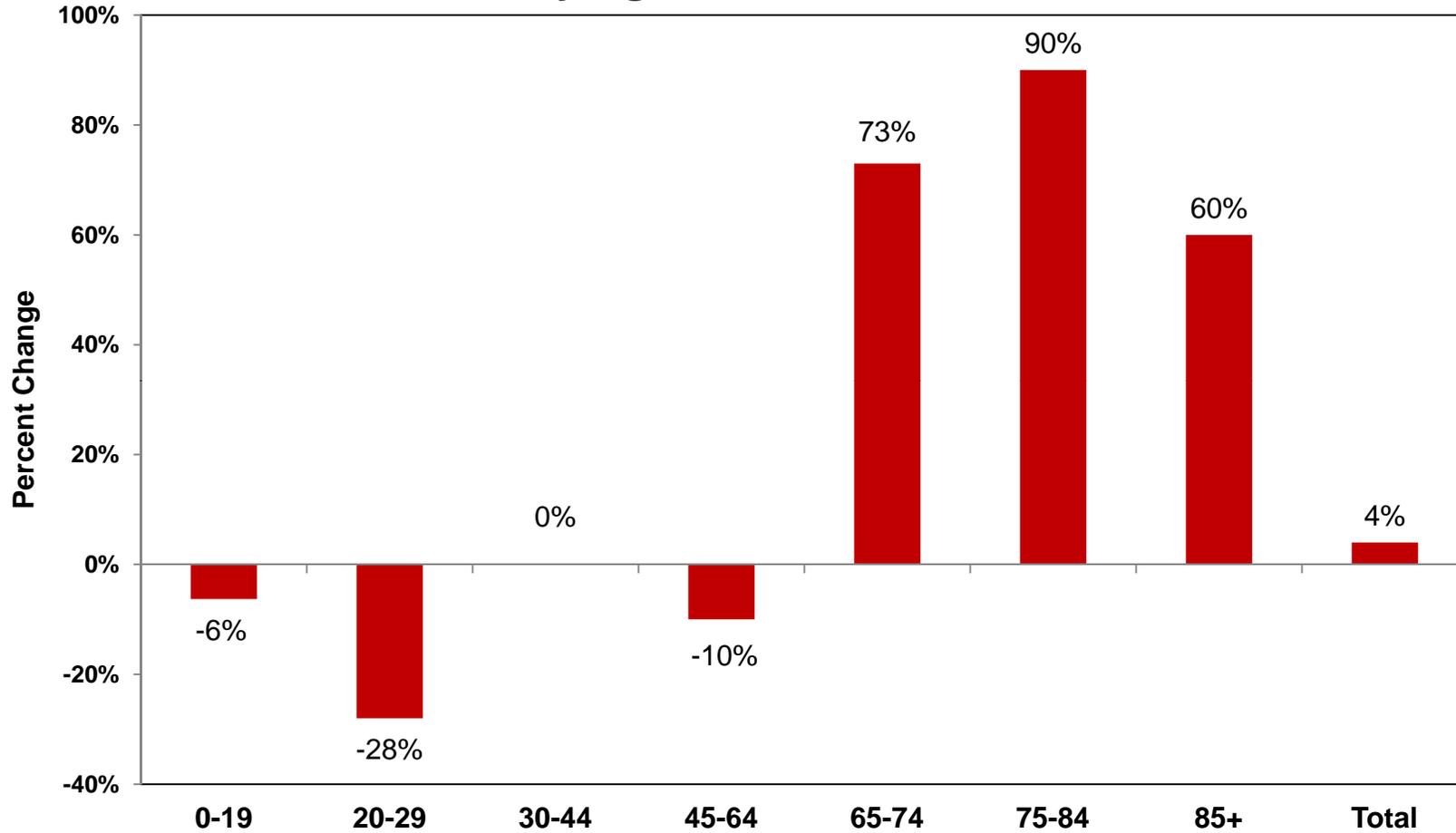
Source: Maine Department of Labor "An Analysis of High-Demand, High-Wage Jobs in Maine"

## Actual and Projected Decennial Population Increases Maine and U.S., 1870-2030



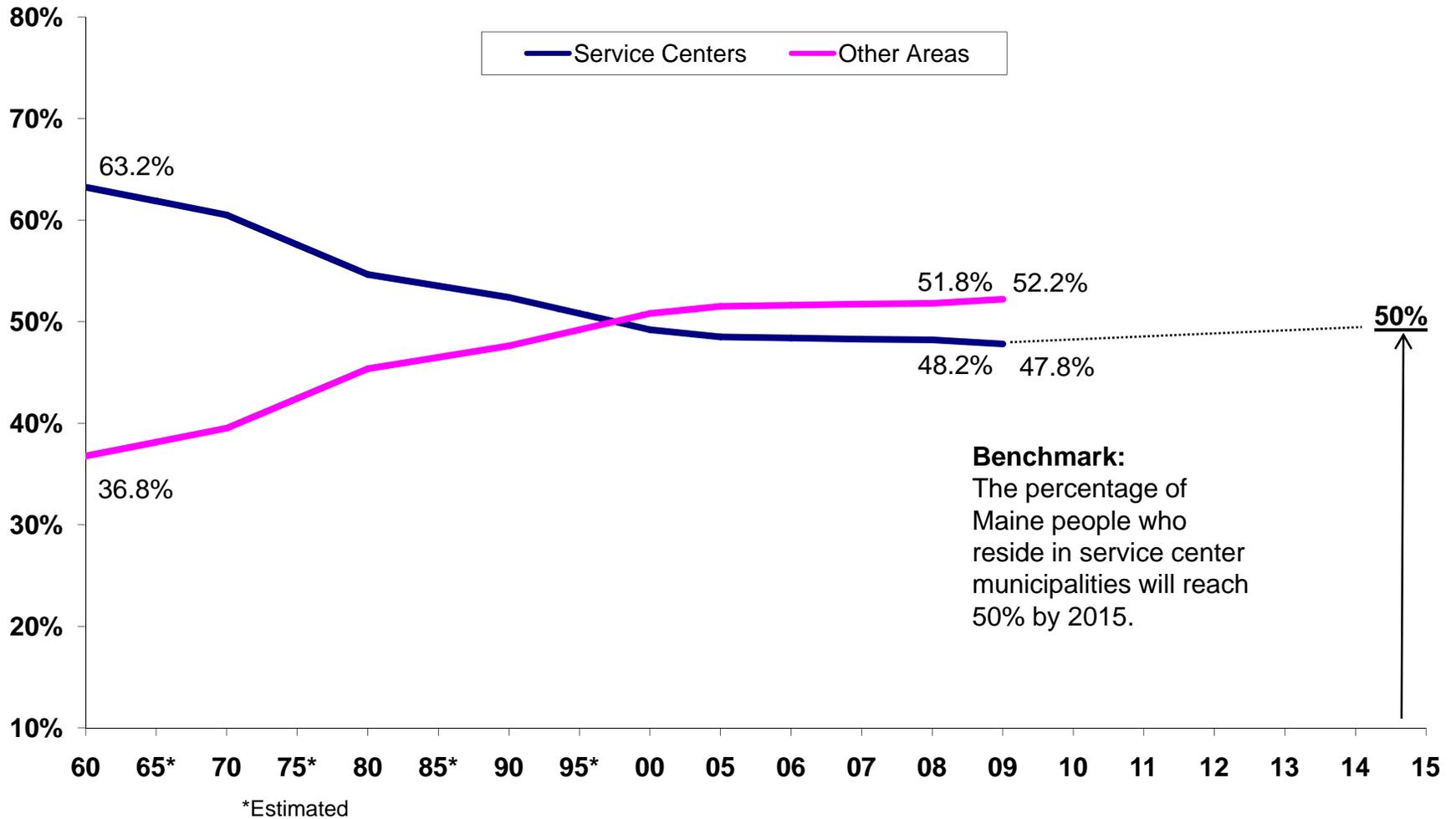
Source: U.S. Census Bureau

## Projected Percent Maine Population Change by Age Cohort, 2010-2030



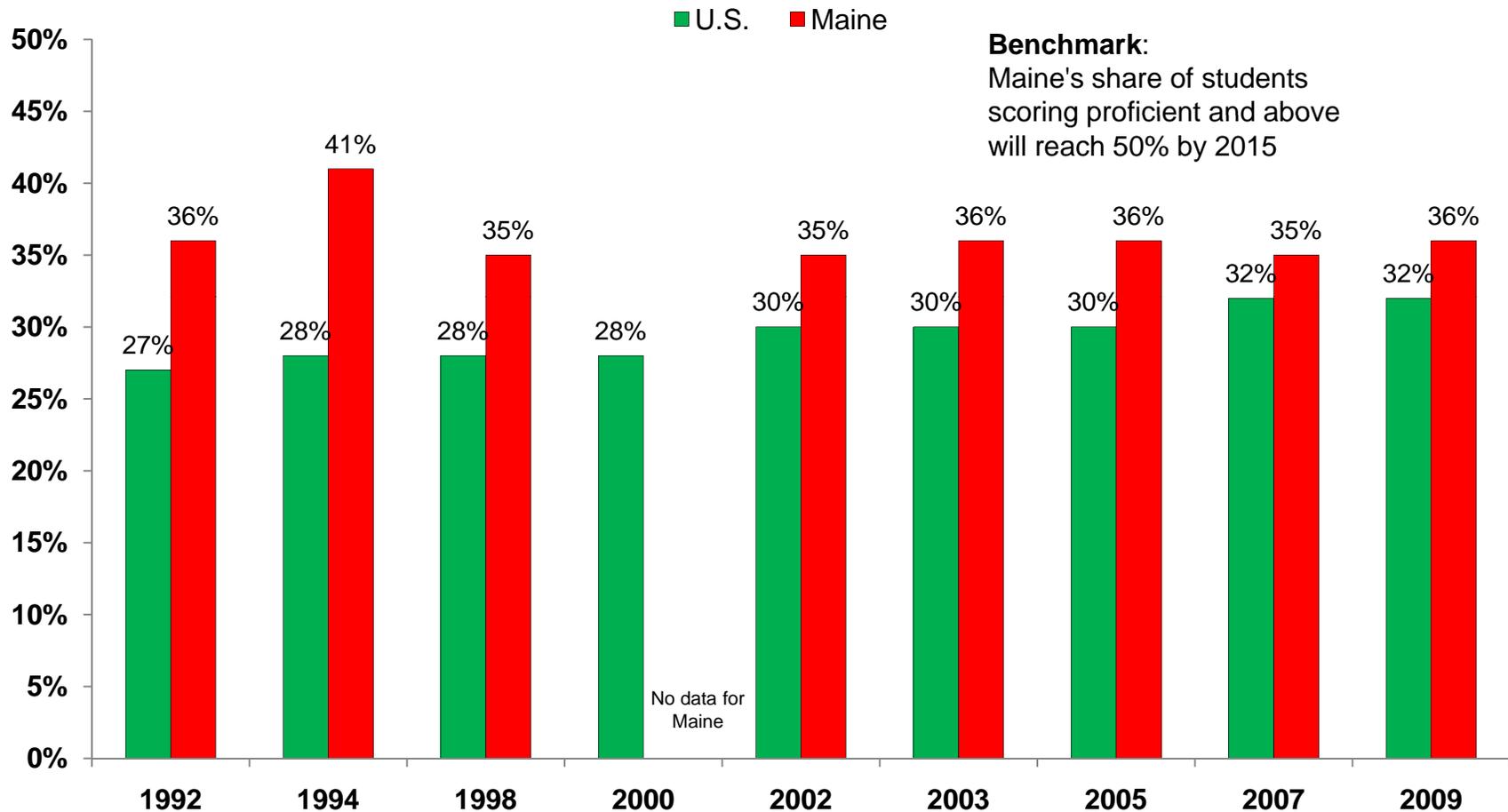
Source: U.S. Census Bureau

## Percent of Maine's Population Living in Regional Service Centers (Compared to Other Municipalities) 1960 - 2009



Source: Maine State Planning Office

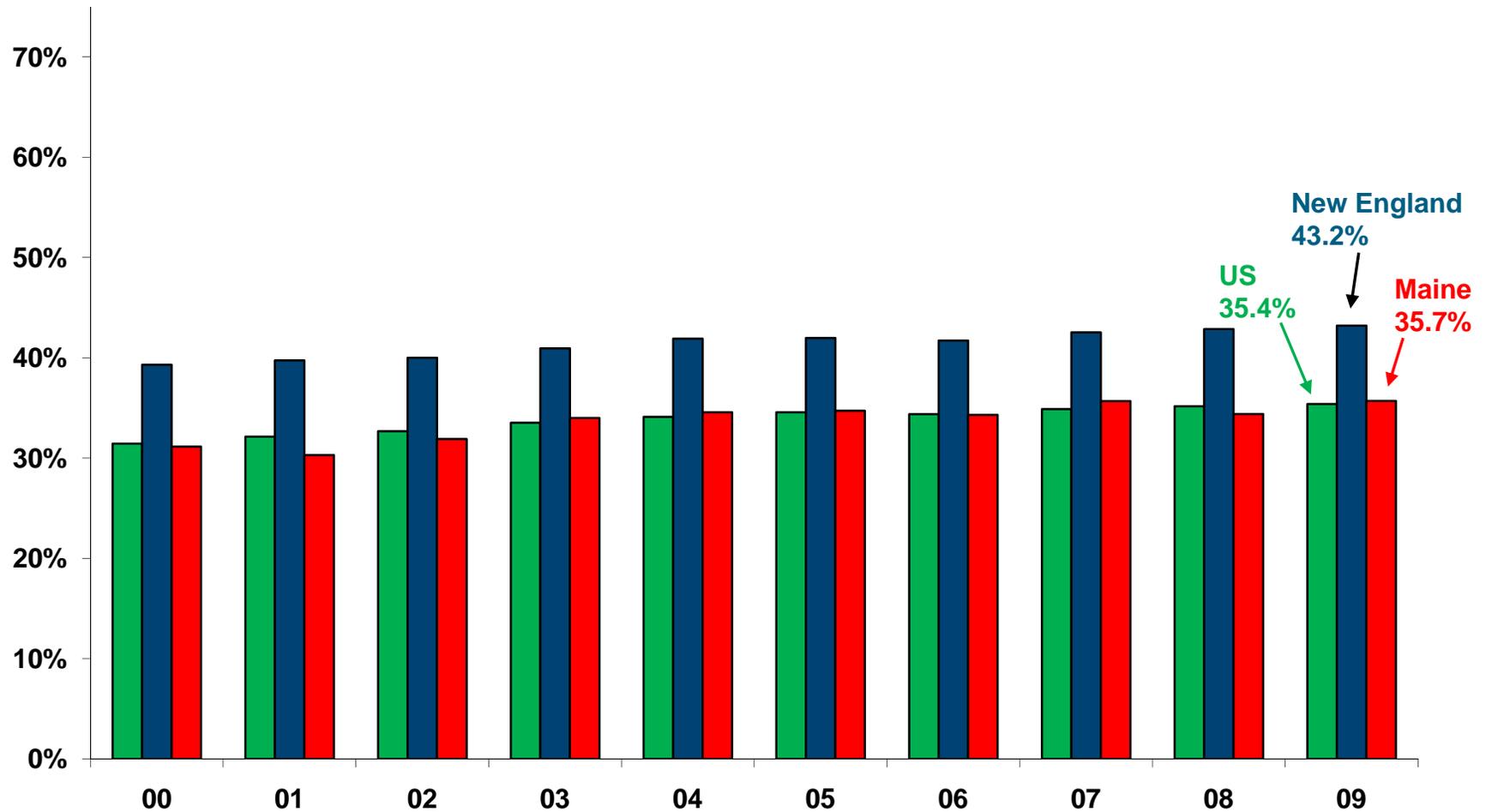
## National Assessment of Education Progress (NAEP) Average 4th Grade Reading Scores, Share Scoring Proficient\* and Above, Maine and U.S. 1992 - 2009



Source: National Center for Education Statistics

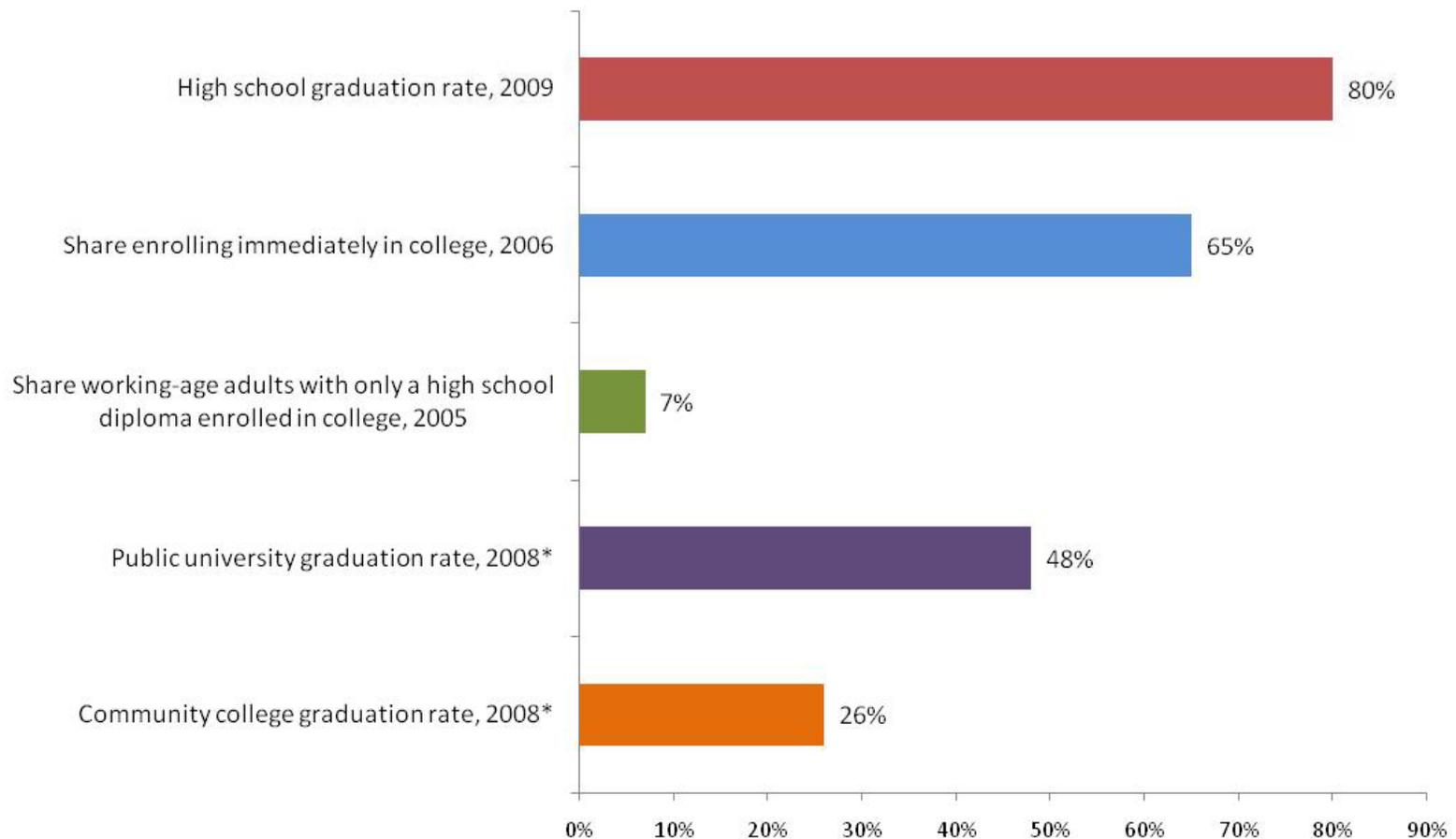
\*Proficient defined as competency over challenging subject matter, application to real-world situations, and appropriate analytical skills

## Higher Degree Attainment Among Residents Aged 25 and Over U.S., New England and Maine 2000 - 2009



Source: U.S. Census Bureau, American Community Survey

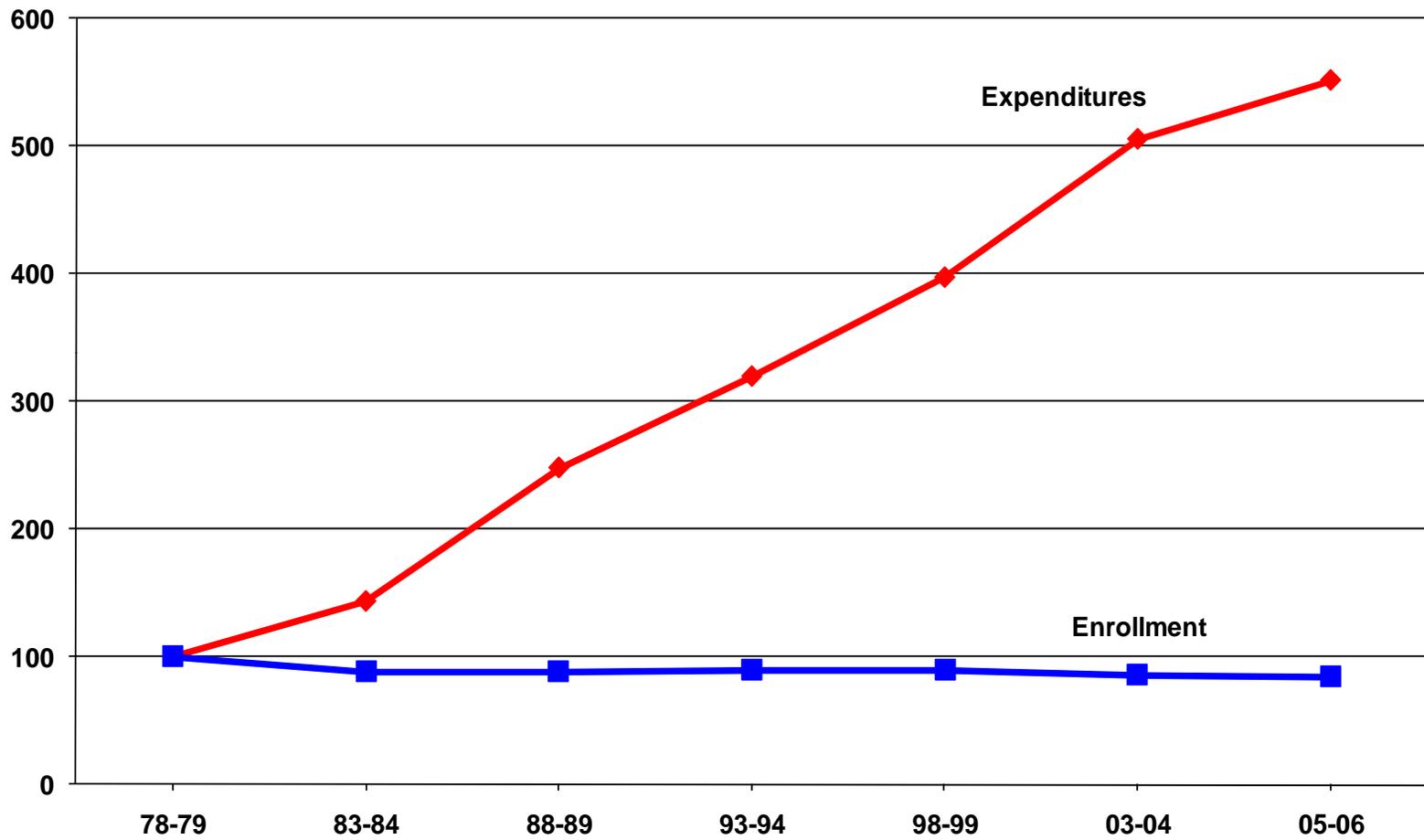
## College Preparation, Participation and Completion in Maine



\* Graduation within 150% of normal program time (3 years for associate degrees and 6 years for baccalaureate degrees); does not include students who transfer and graduate from another institution

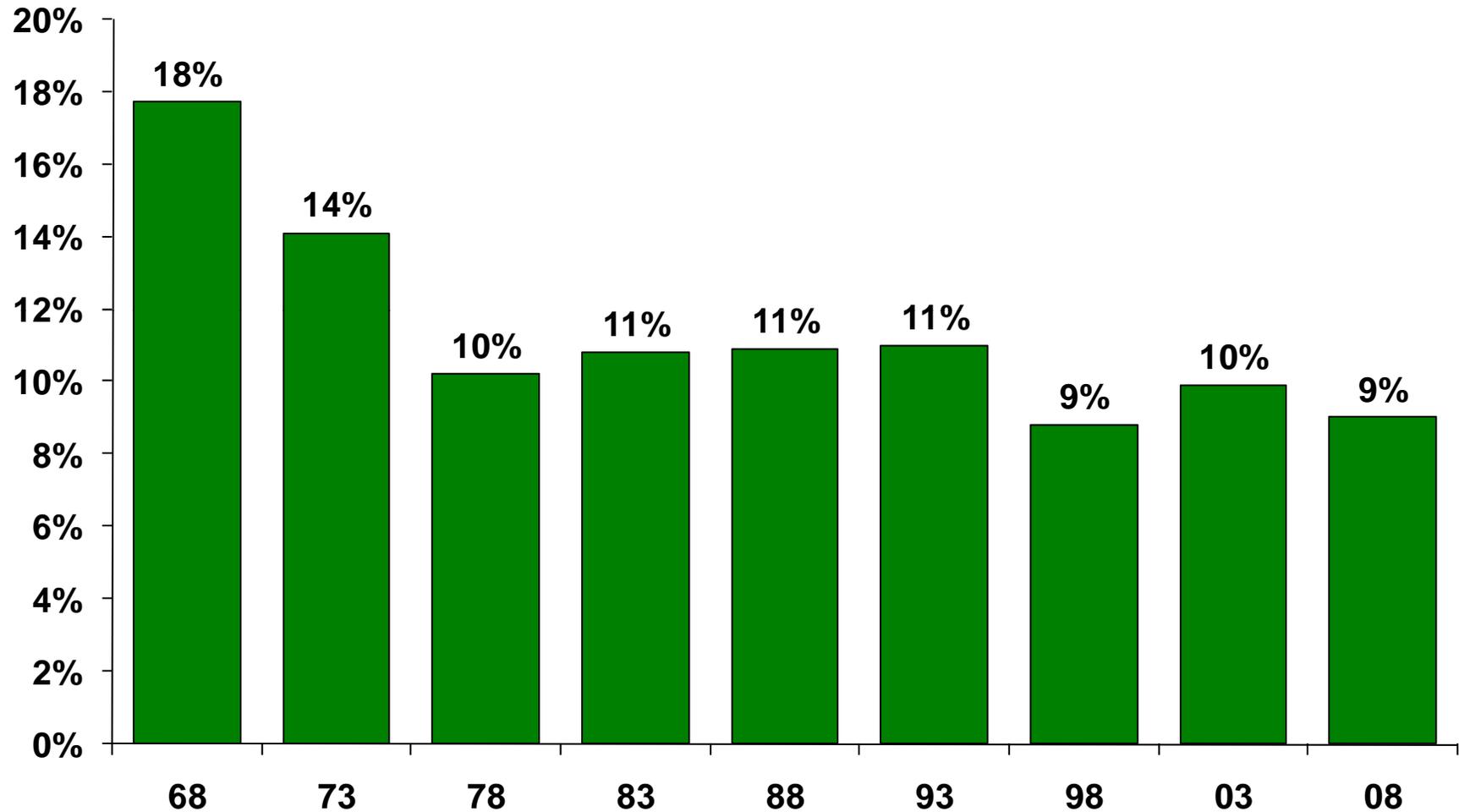
Source: "An Educated Workforce for a 21st Century Economy." Lisa Plimpton and Colleen Quint, Mitchell Institute. September 2010

### Nominal K-12 Expenditures vs K-12 Enrollment Indexed to 1978-79 =100



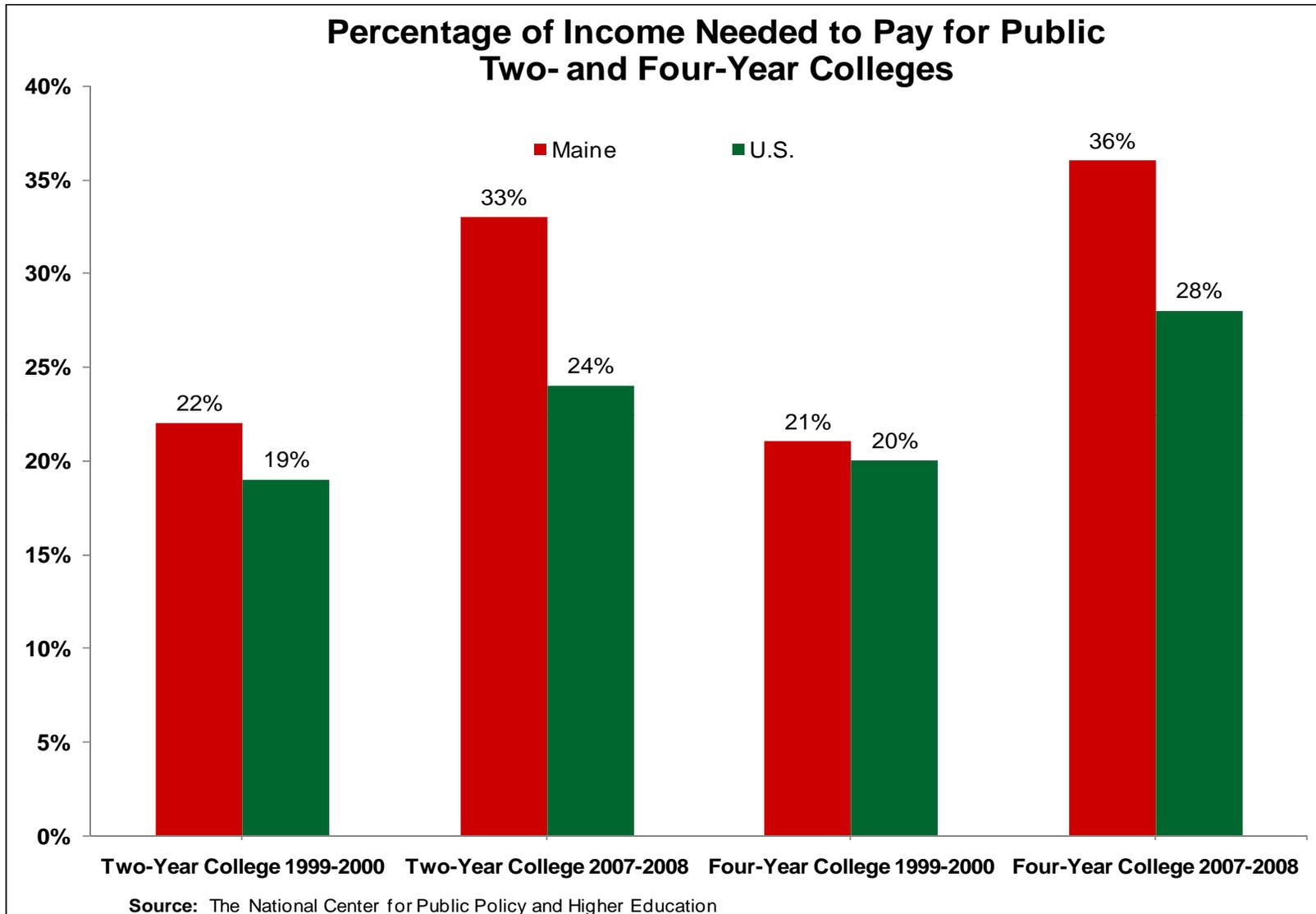
Source: Maine Department of Education

## Higher Education Appropriations as % State General Fund

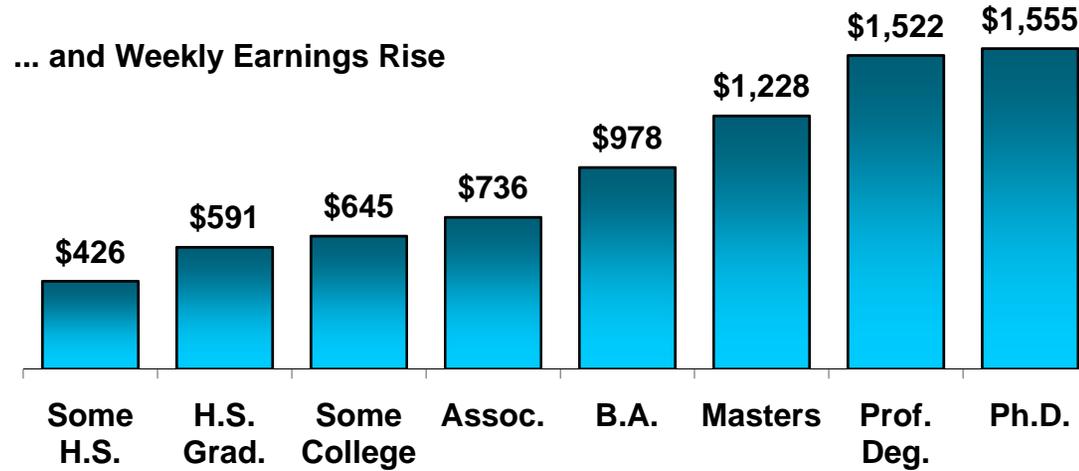
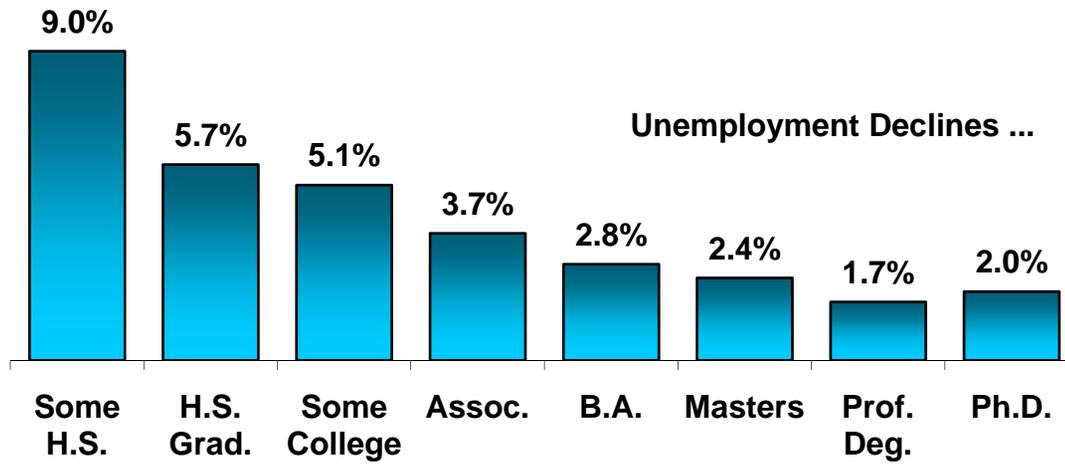


Source: University of Maine System, <http://www.maine.edu/pdf/sgfs123.pdf>

### Percentage of Income Needed to Pay for Public Two- and Four-Year Colleges



## With Additional Education (2008)



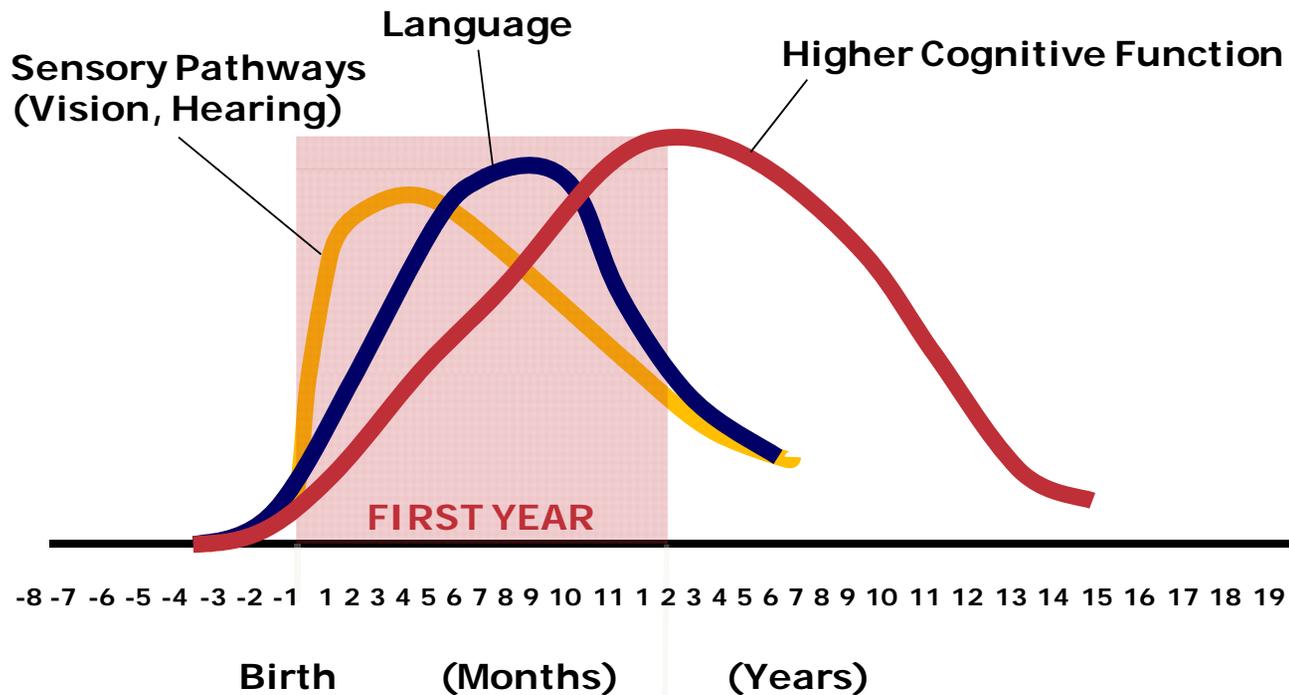
Source: Bureau of Labor Statistics



# Human Brain Development

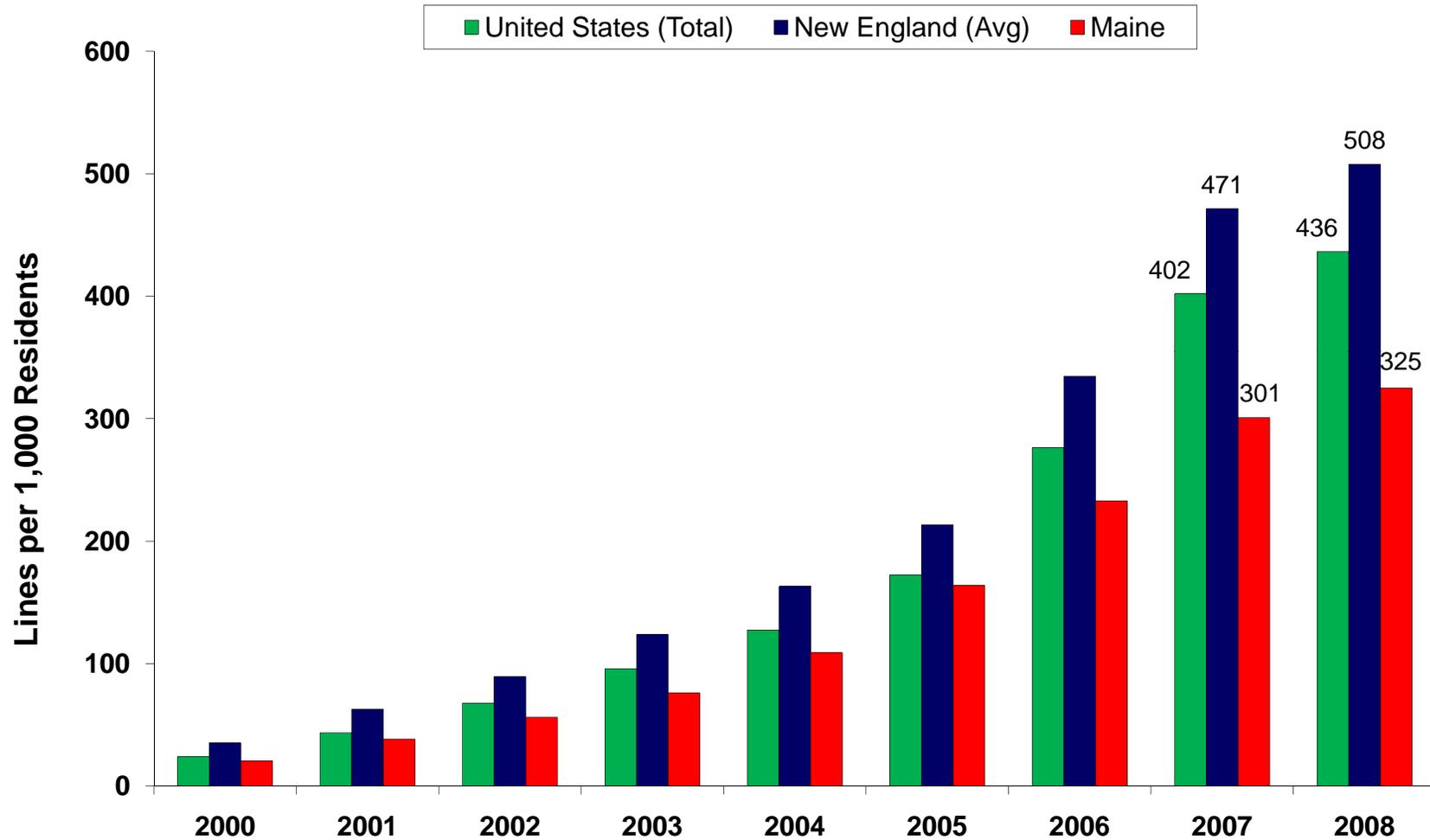
## Synapse Formation Dependent on Early Experiences

(700 per second in the early years)



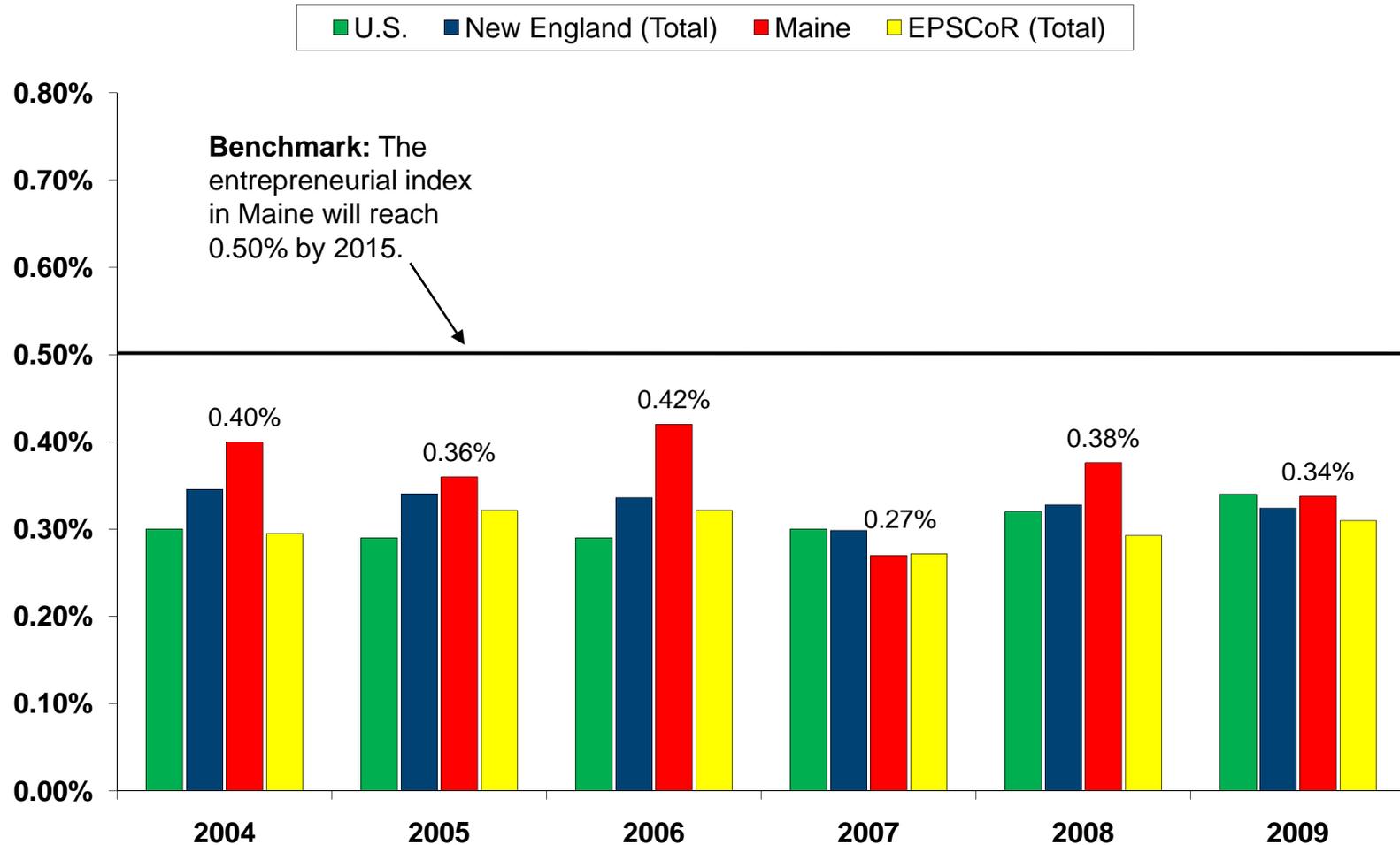
Source: C. Nelson (2000)

## High Speed Internet Lines (Subscribers) per 1,000 Residents 2000 - 2008



Source: PolicyOne Research

## INDEX OF ENTREPRENEURIAL ACTIVITY\* 2004 - 2009



Source: PolicyOne Research

\*Measures the percent of individuals from ages 20 to 64 who do not own a business in the first survey month that start a business in the following month (15+ hours per week)

# Distance Learning



# Veteran's Programs

# V I S I O N

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*Achieving this vision requires a vibrant and sustainable economy supported by vital communities and a healthy environment.*

