

## A Partnership:

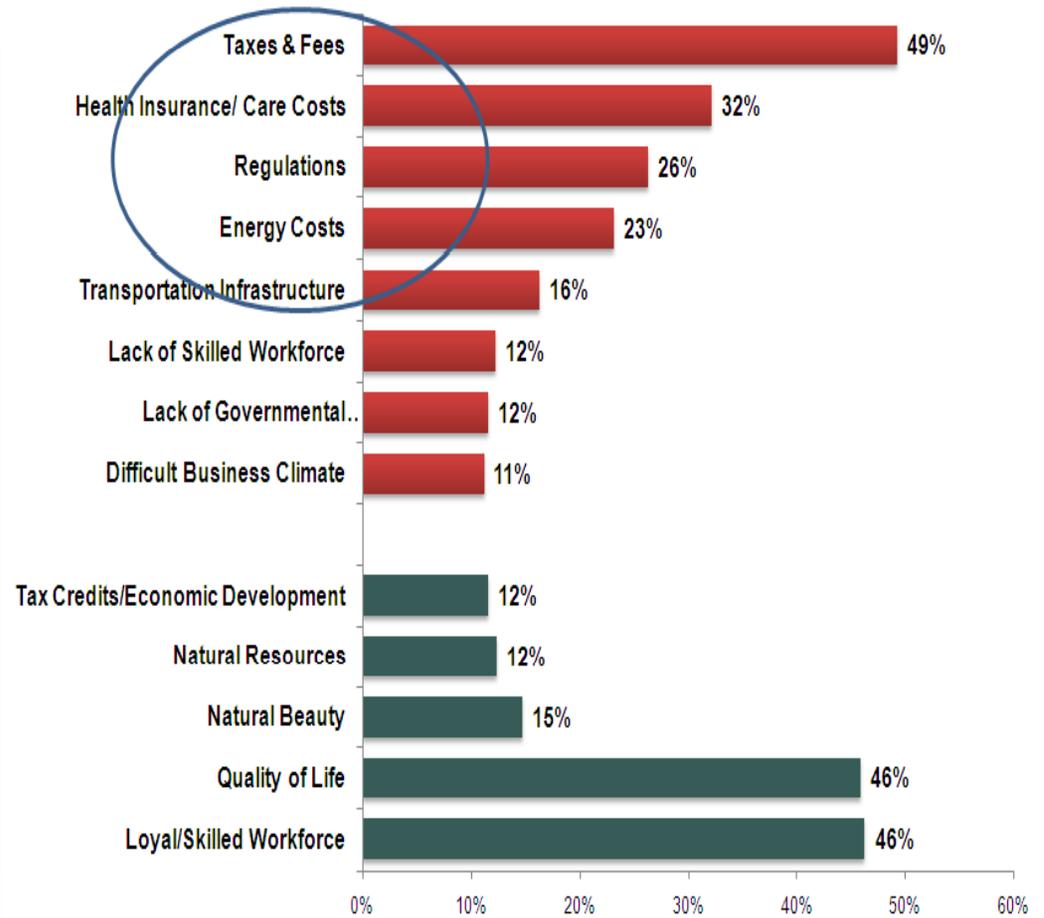
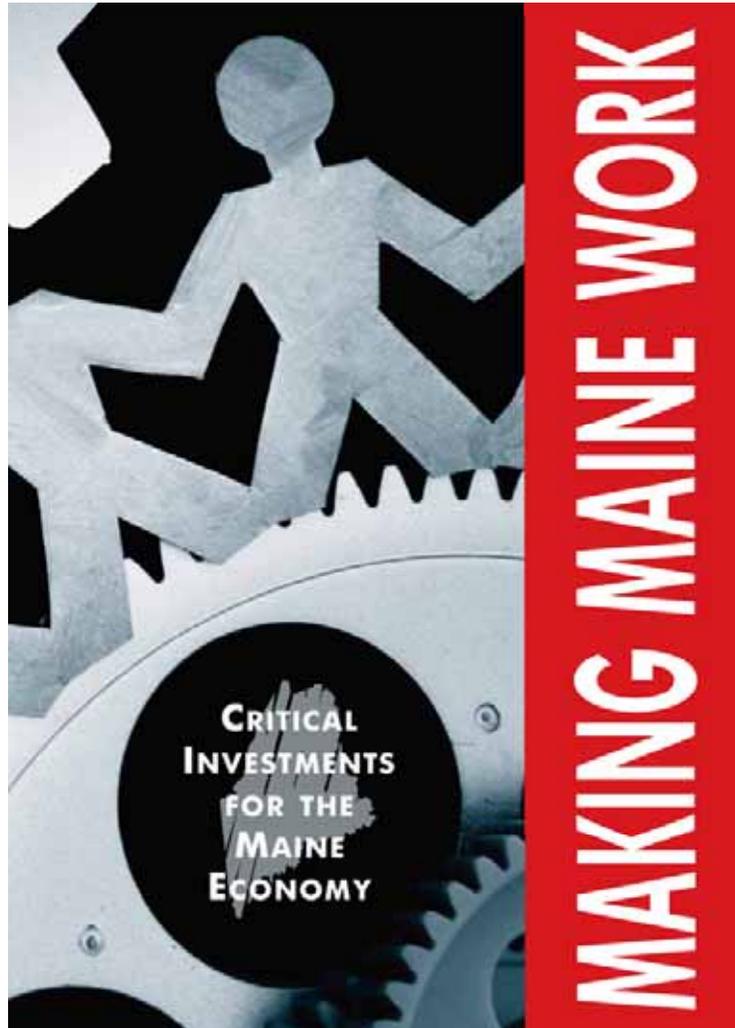
MAINE  
STATE  
CHAMBER  
*of*  
COMMERCE

MAINE DEVELOPMENT FOUNDATION

## Prepared for:



## 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.

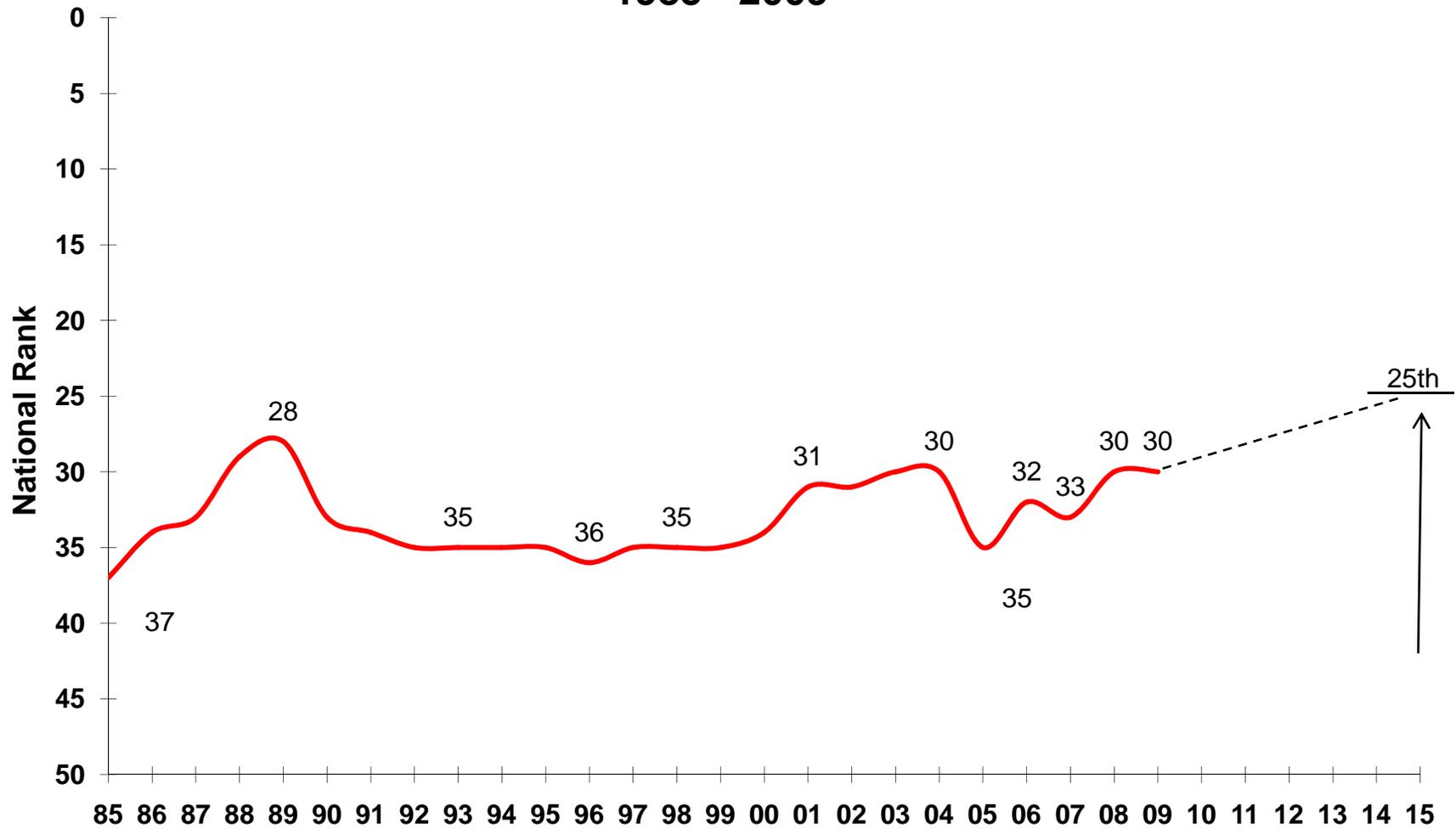
# V I S I O N

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.*

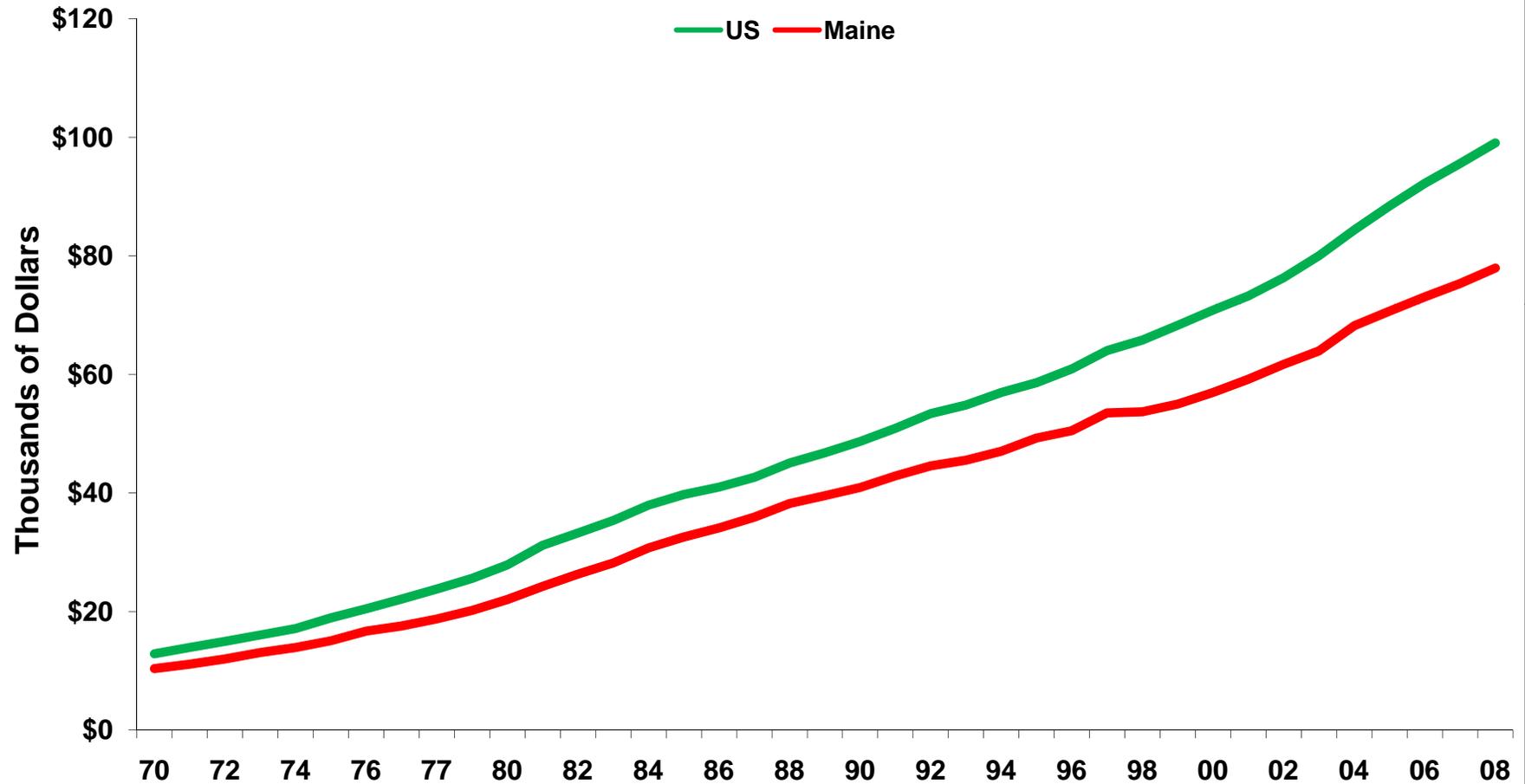


## National Rank on Per Capita Personal Income 1985 - 2009



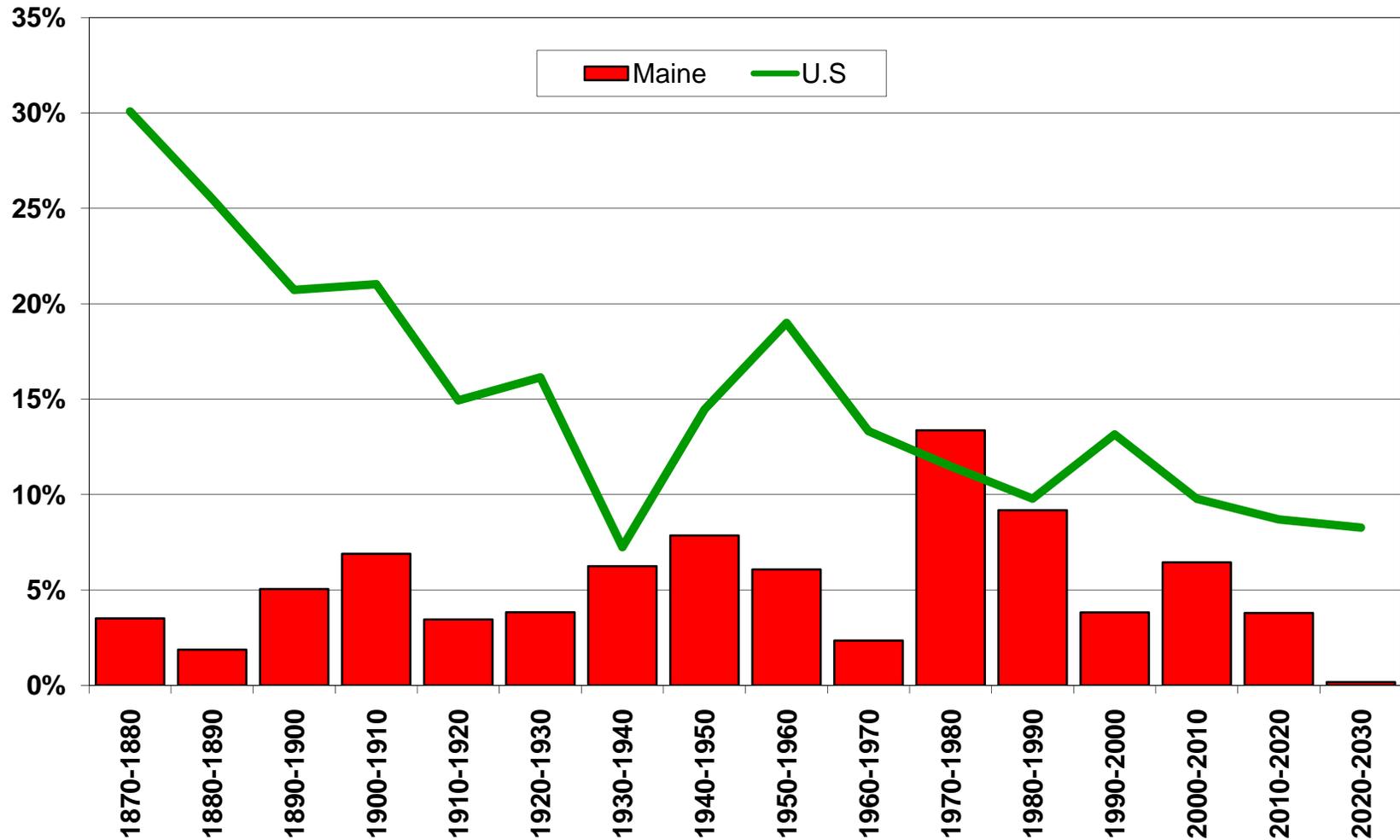
Source: Bureau of Economic Analysis

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



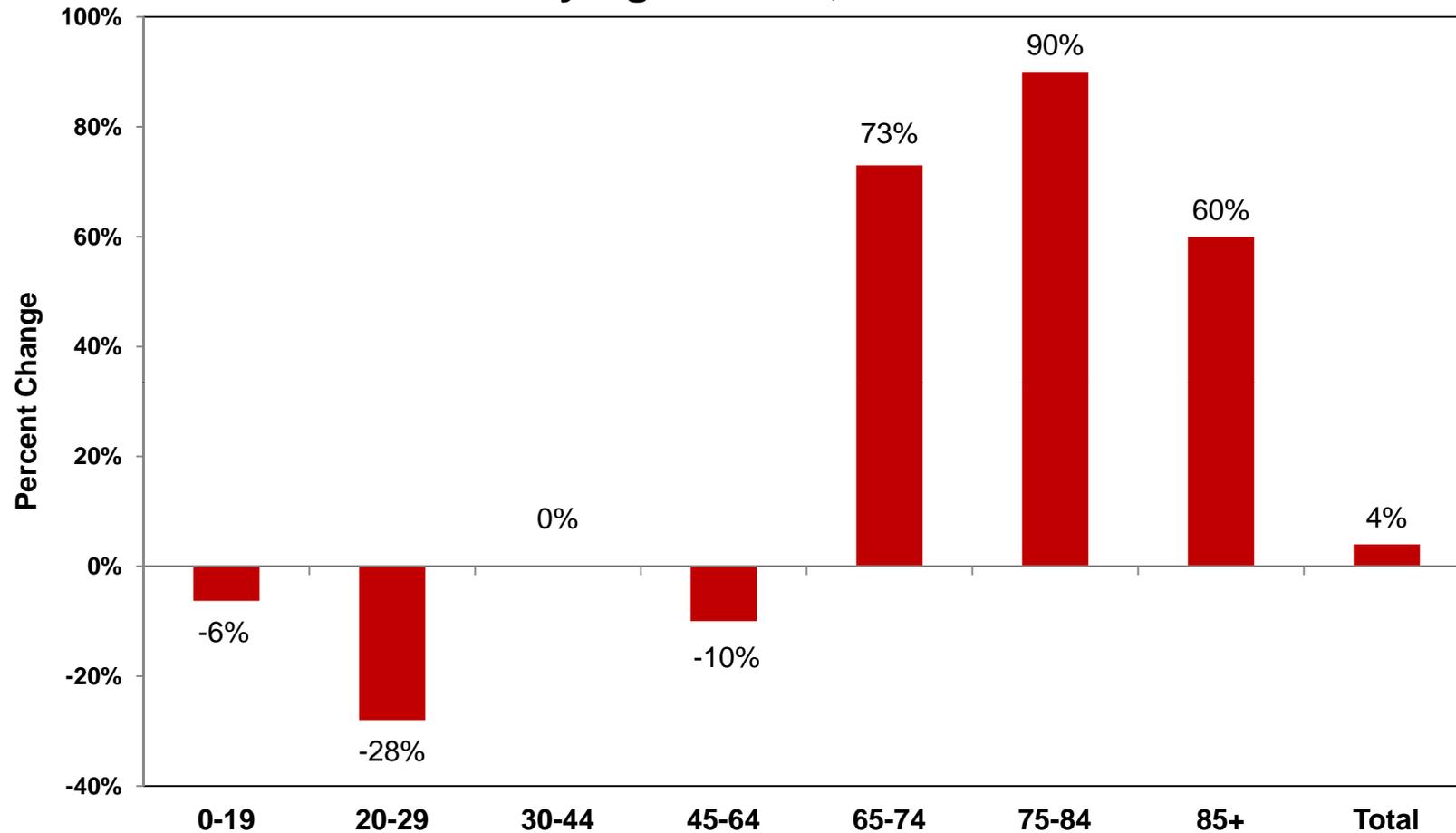
Source: Bureau of Economic Analysis, Regional Economic Accounts

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



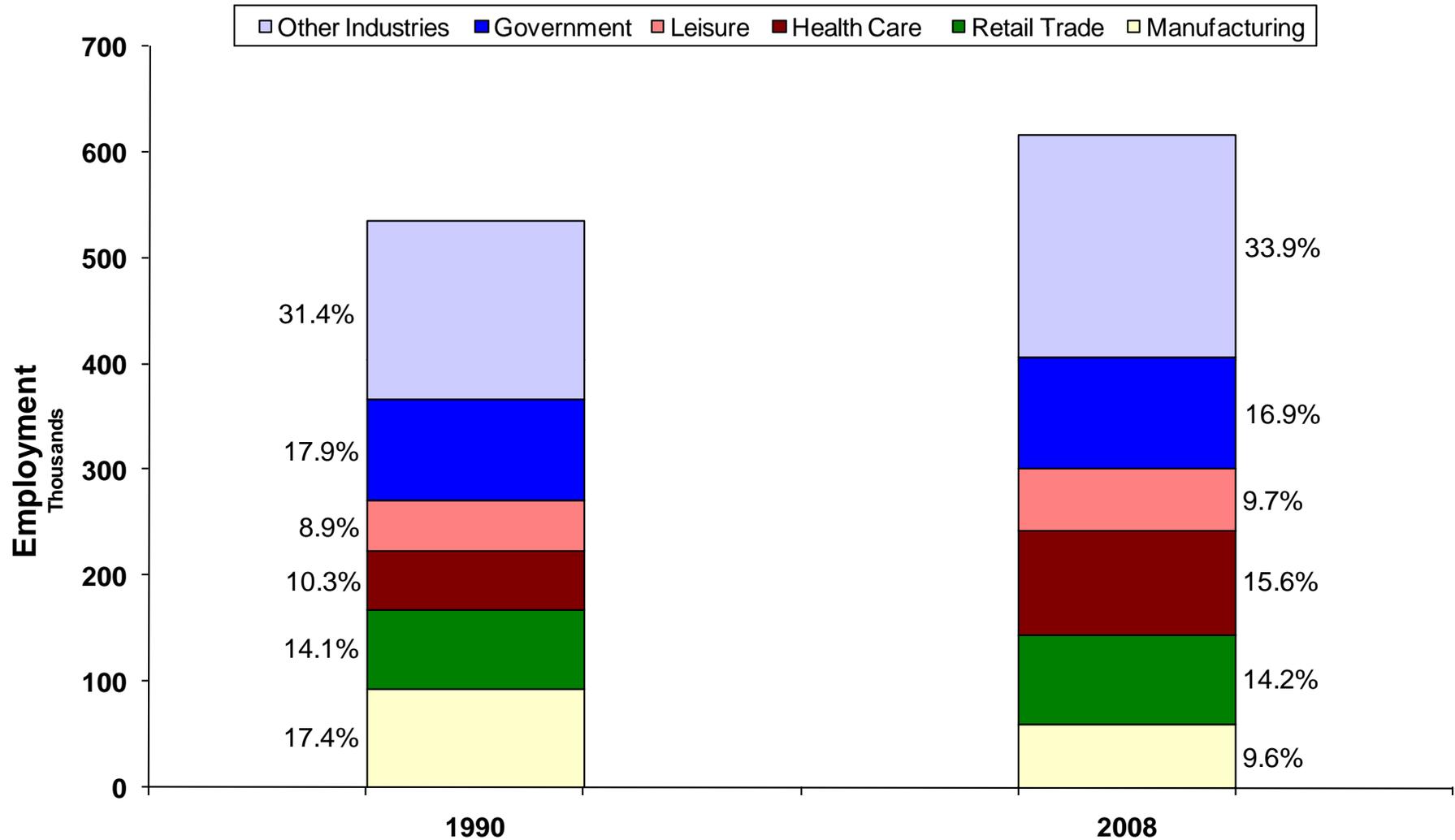
Source: U.S. Census Bureau

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

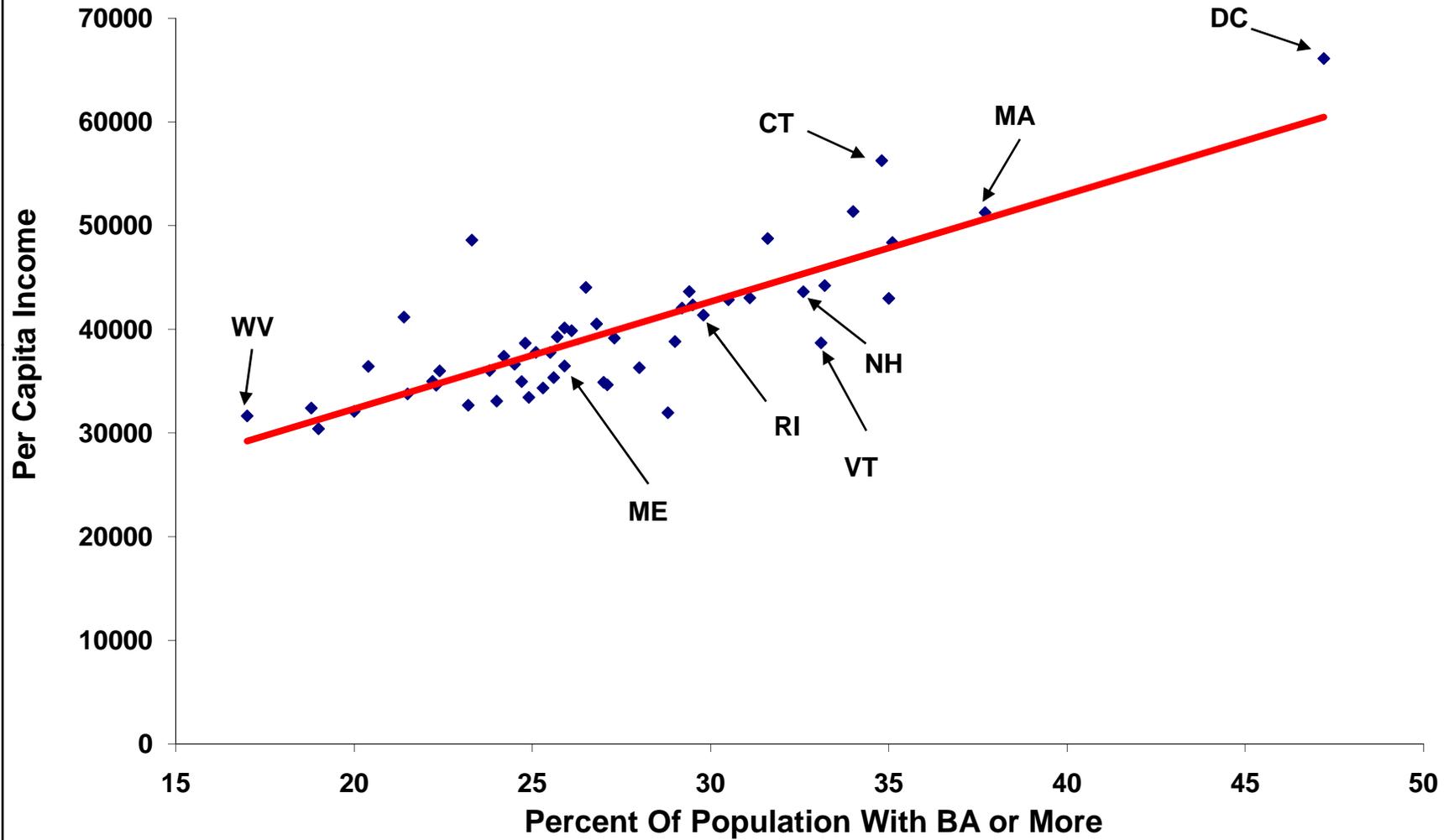


Source: U.S. Census Bureau

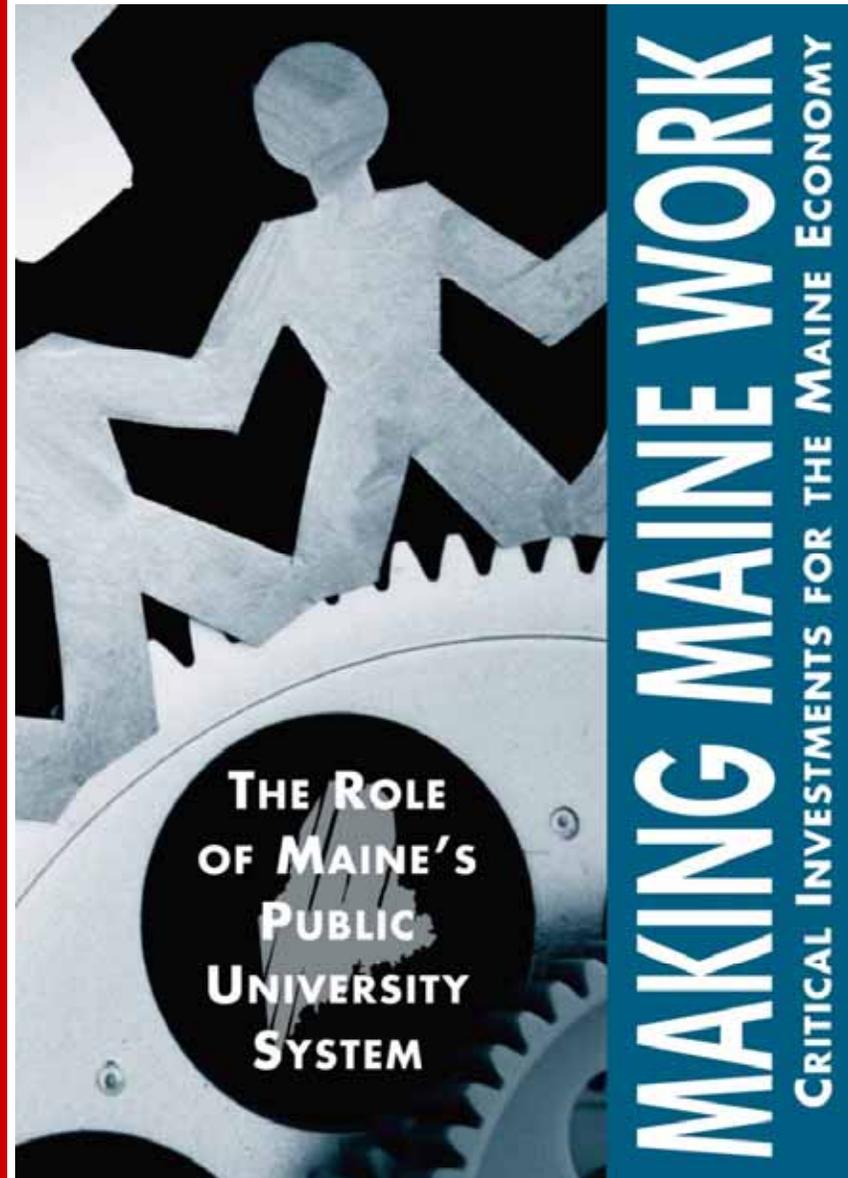
## Maine's Wage & Salary Employment\* by Sector



## Educational Attainment And Per Capita Income 2008



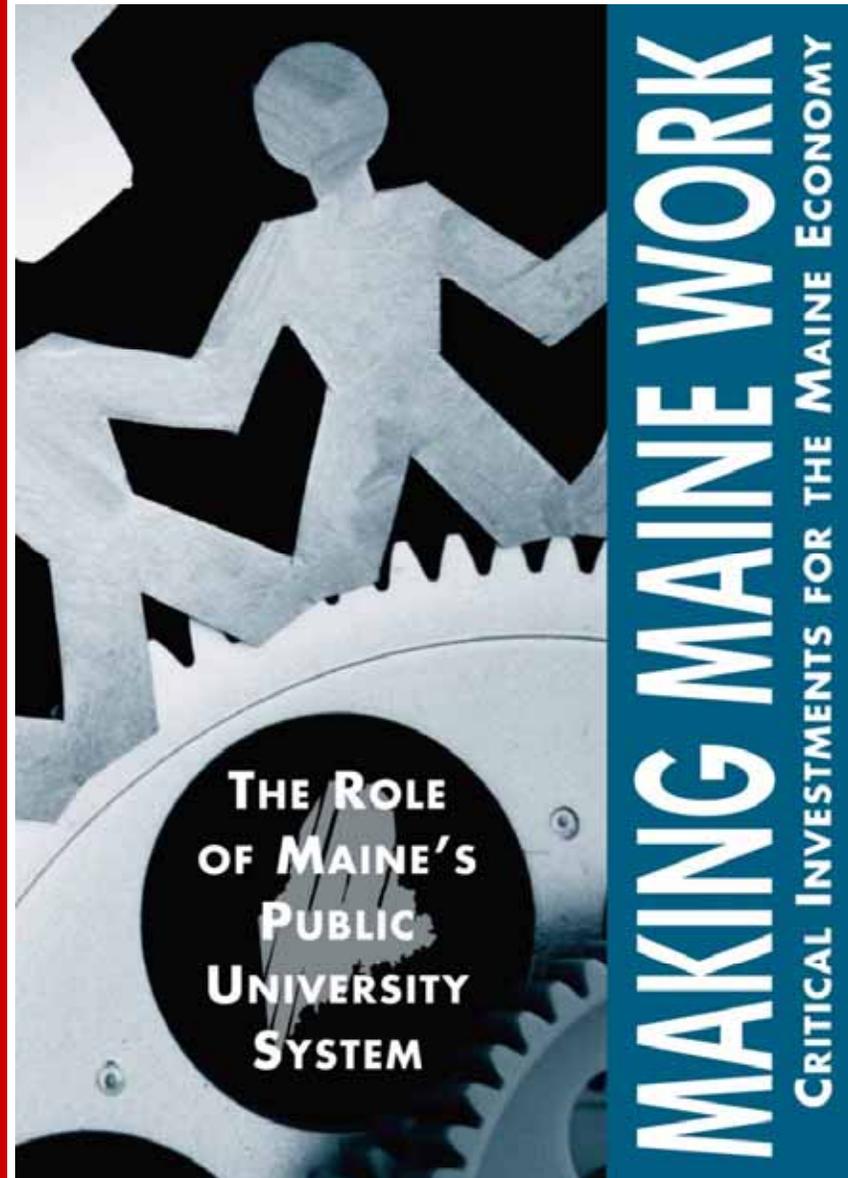
Source: Bureau of Economic Analysis



## FINDINGS:

### UMS Plays 4 Key Roles:

- Educating Workforce
- Driving Innovation
- Serving Public/Business
- Providing Cultural and Community Assets

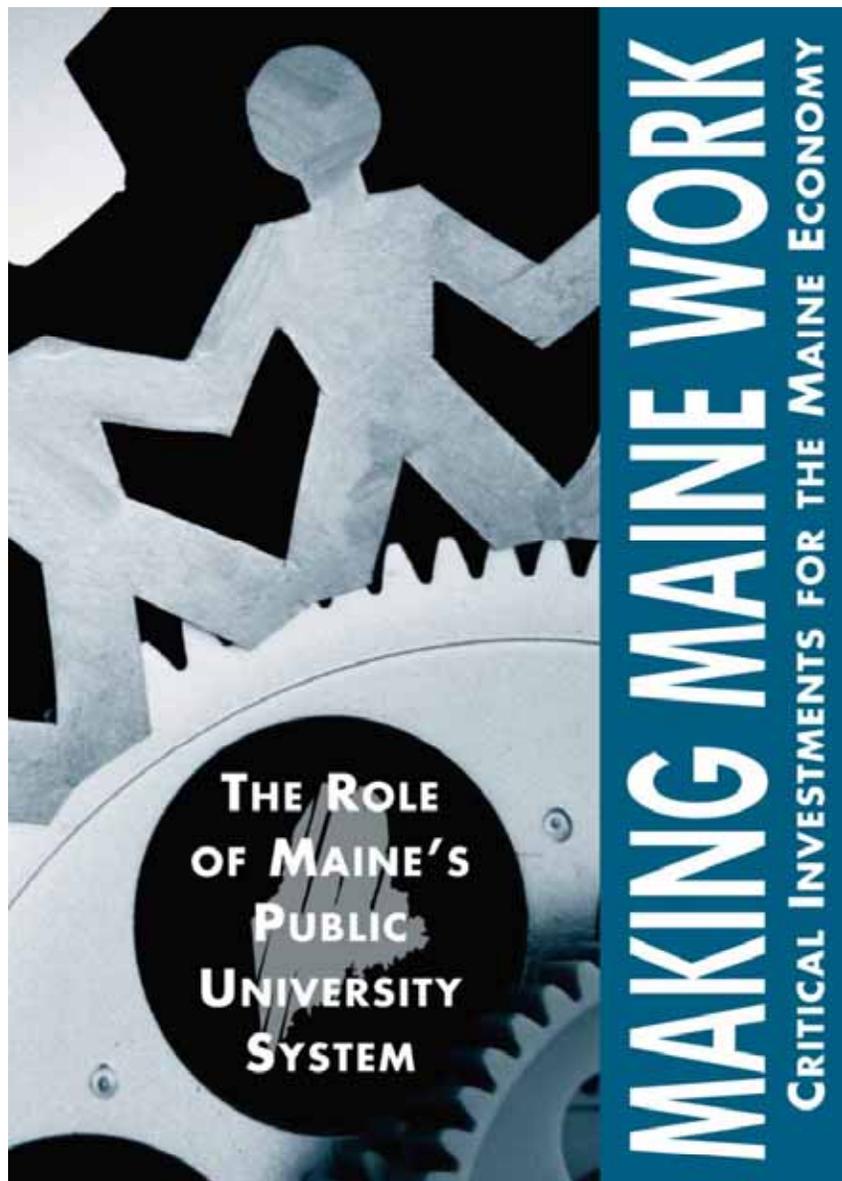


## FINDINGS:

**In knowledge-based, technology-driven economy, education is critical**

**University is already doing exceptional work**

**Business community wants, needs and expects more**



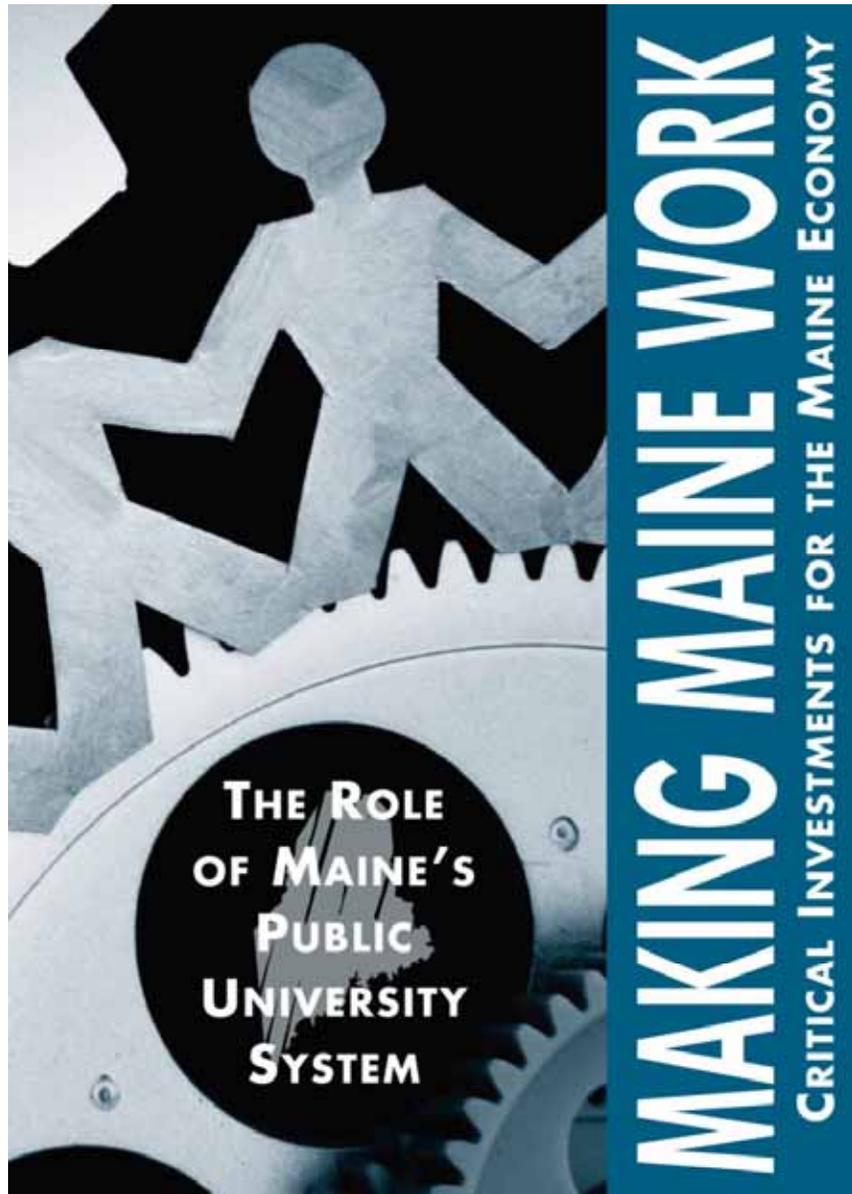
## FOUNDATION I

**MAINE'S PUBLIC  
UNIVERSITY  
SYSTEM  
MUST:**

**OPERATE AS  
A TRUE SYSTEM.**



- **7 Campuses**
- **9 Regional Outreach Centers**
- **75 Distance Learning Sites**
- **68% of all ME Post Secondary Students**
- **32,340 Students**
- **16% of Students from Out of State**



## FOUNDATION II

**MAINE'S PUBLIC  
UNIVERSITY SYSTEM  
MUST:**

**COMMUNICATE THE  
VALUE OF THE  
SYSTEM AND ITS  
PARTS.**



UNIVERSITY OF  
SOUTHERN MAINE

## Semiconductor Industry

## Risk Management



# KinderKollege





## Student Teaching and Education Masters Program



## Four-Season Outdoor Recreation



## Environmental Sustainability

## Business and Entrepreneurial Studies

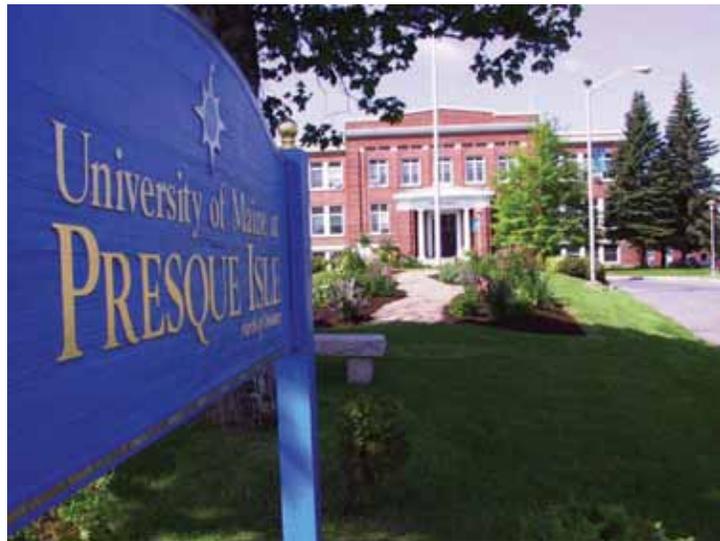


# UMA

## Distance Learning



## Veteran's Programs





# Eastern Maine Medical Center

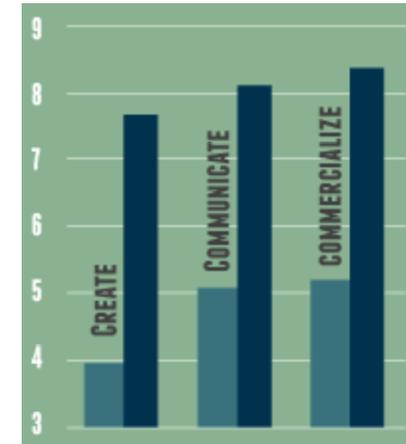




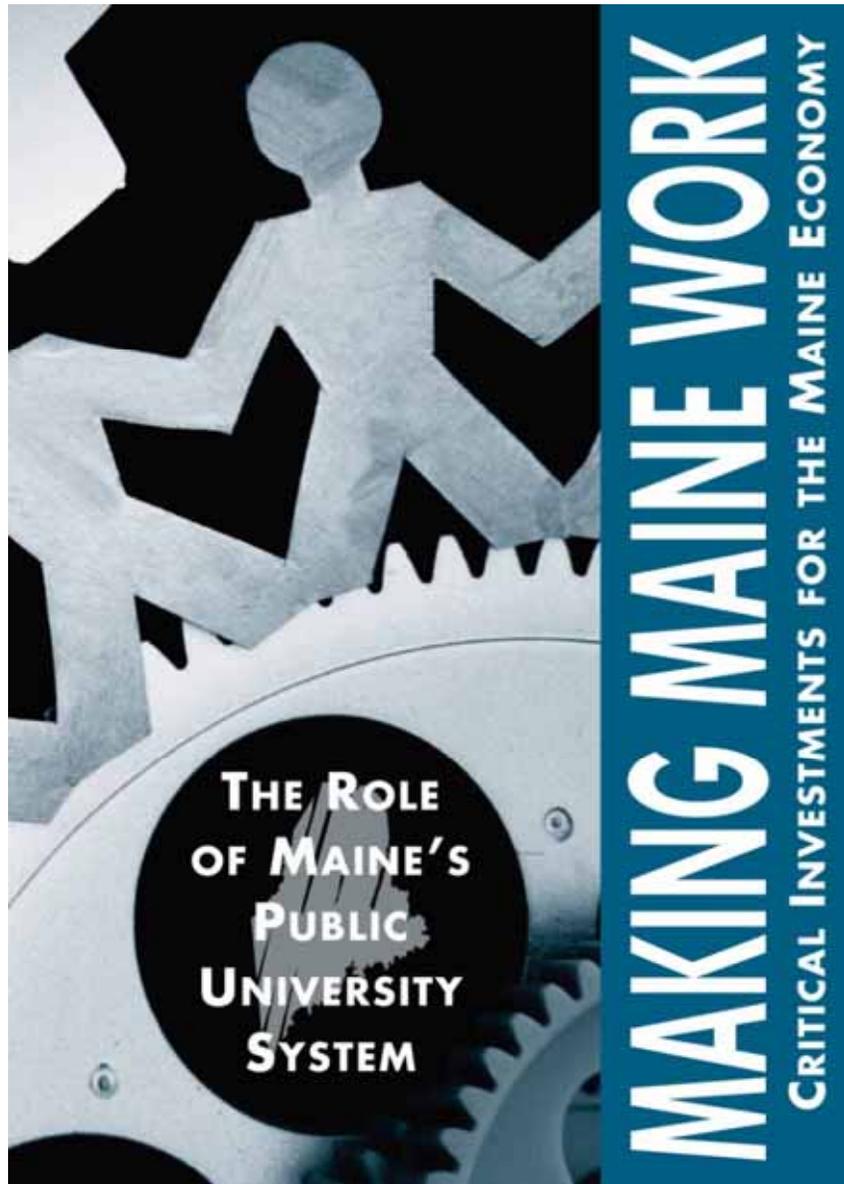
**Bion & Dorain Foster Center for Student Innovation**



# Innovation Engineering Leadership Institute





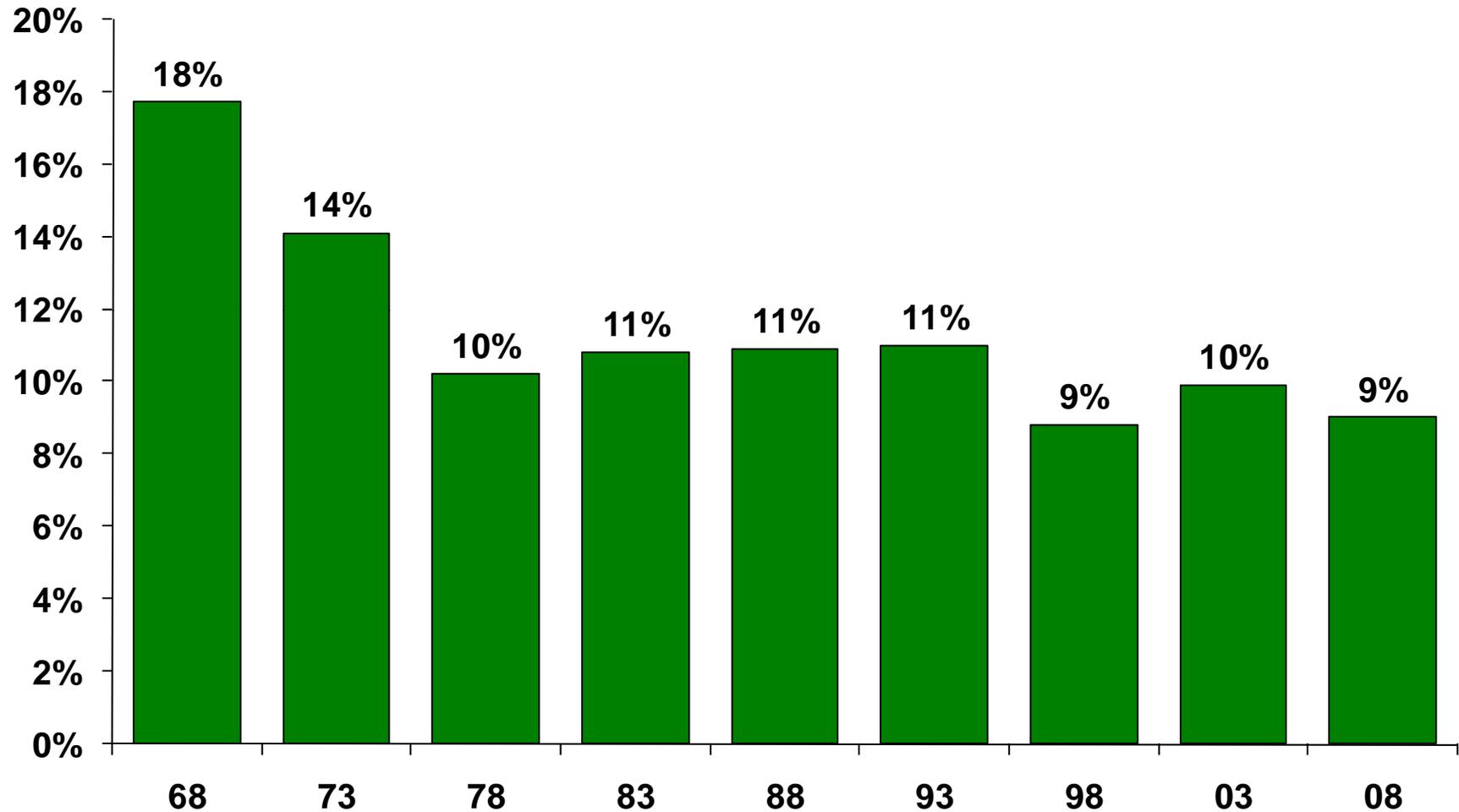


## FOUNDATION III

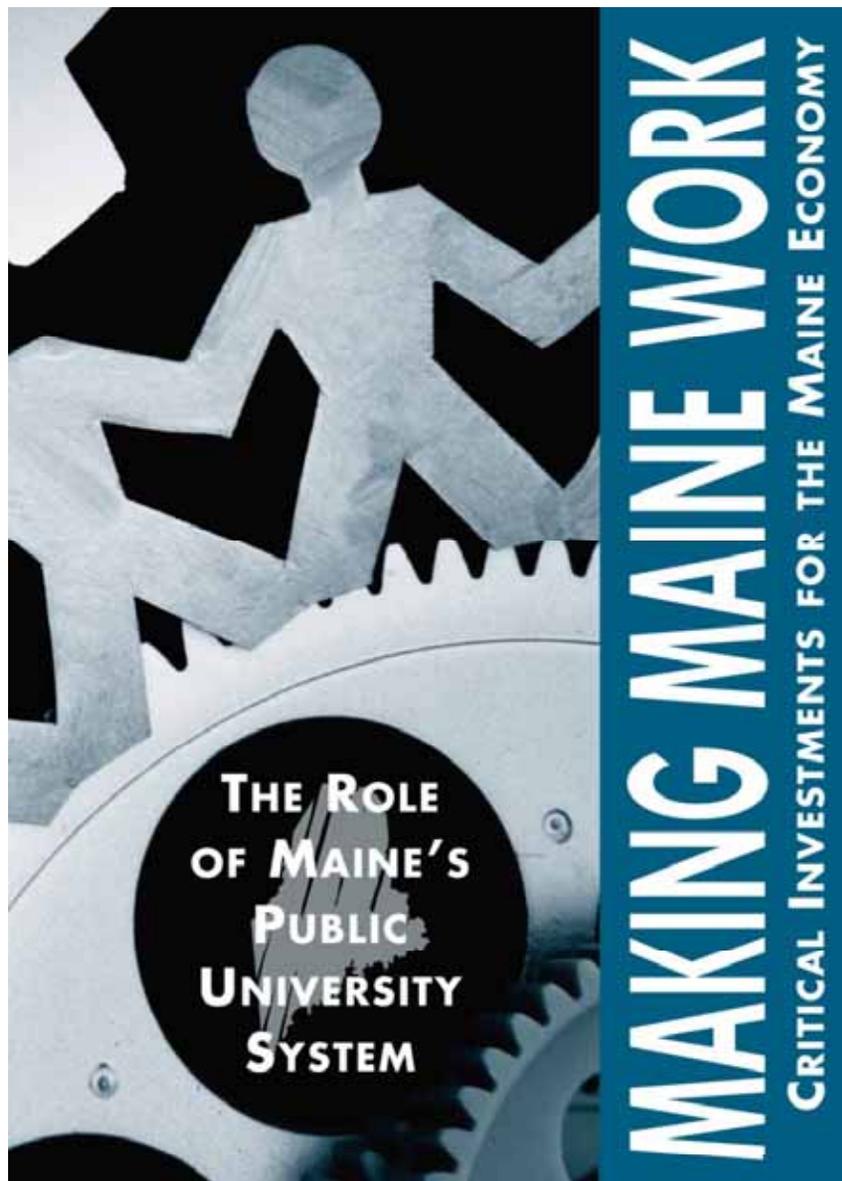
**MAINE'S PUBLIC  
UNIVERSITY SYSTEM  
MUST:**

**BUILD AND MAINTAIN  
THE NECESSARY  
INFRASTRUCTURE TO  
BEST SERVE MAINE  
PEOPLE.**

## Higher Education Appropriations as % State General Fund



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

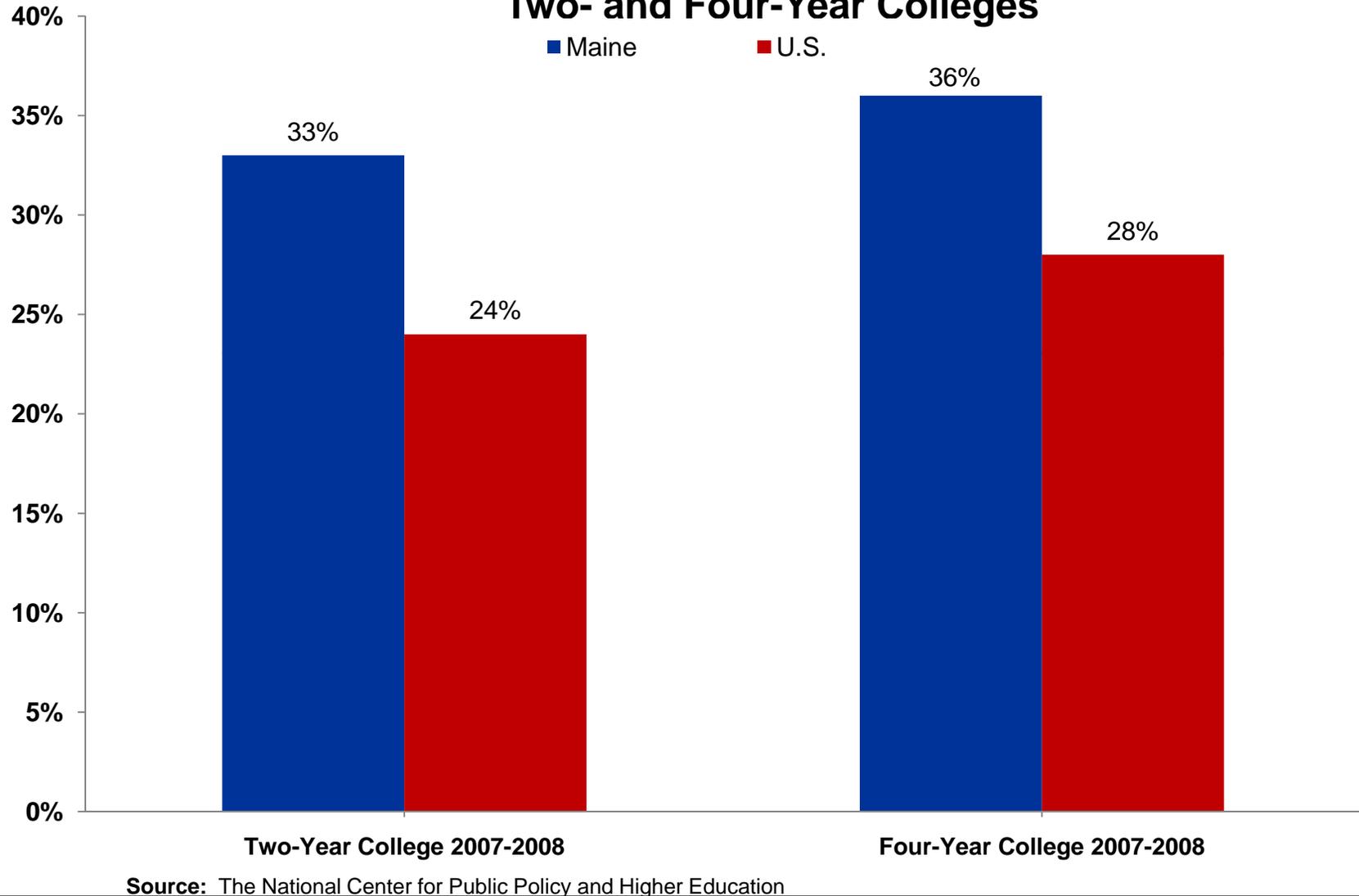


## FOUNDATION IV

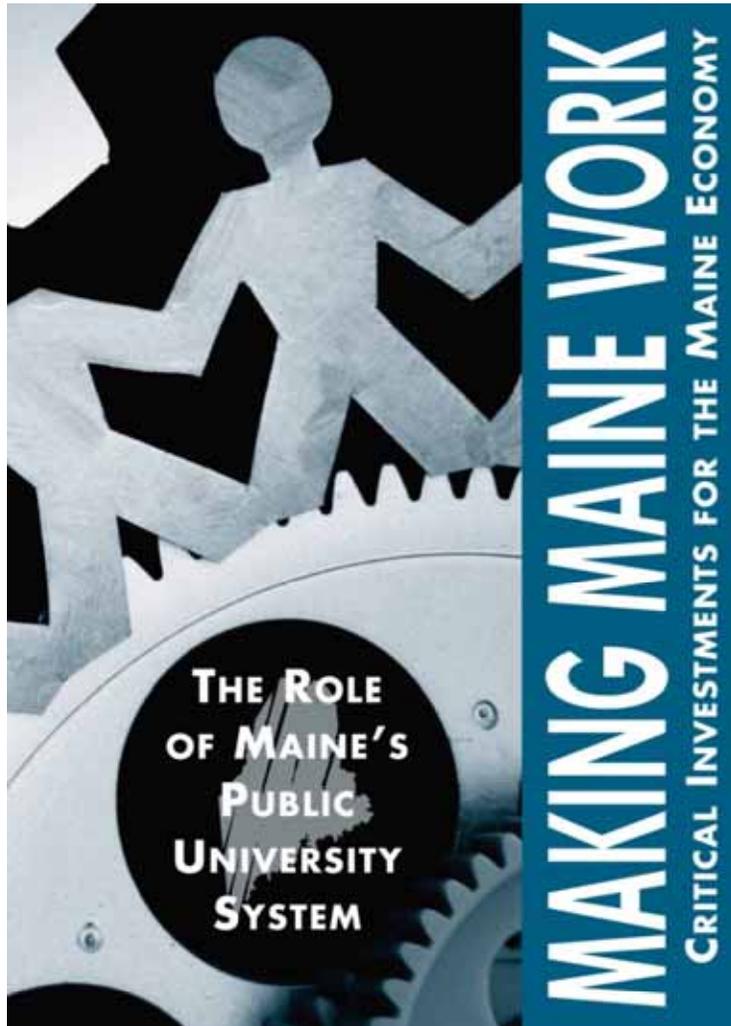
**MAINE'S PUBLIC  
UNIVERSITY SYSTEM  
MUST:**

**ENSURE THAT TUITION  
IS AFFORDABLE FOR  
ALL MAINE PEOPLE,  
PARTICULARLY LOW  
AND MODERATE  
INCOME FAMILIES.**

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



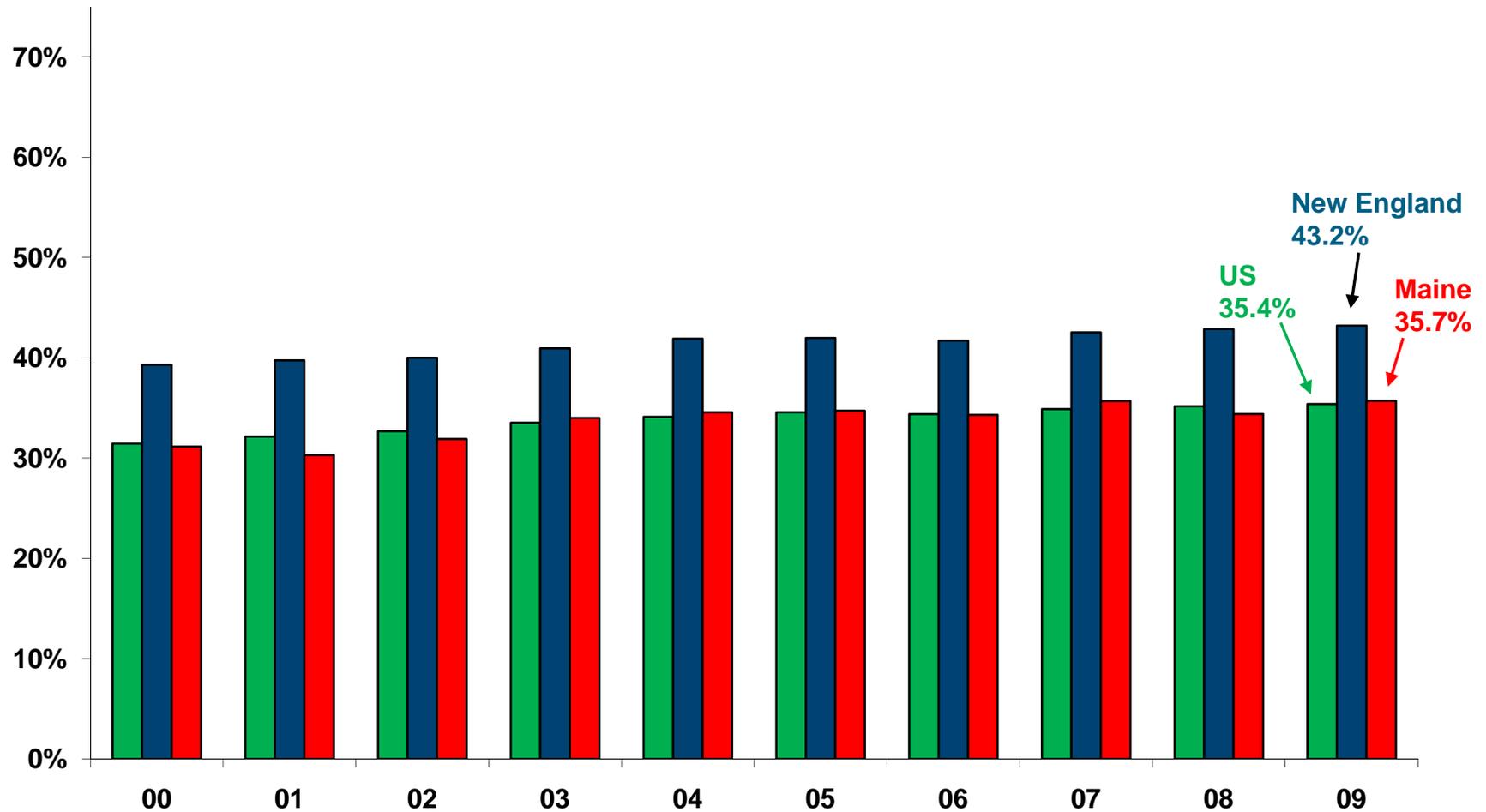
# EDUCATE PEOPLE FOR THE MAINE ECONOMY



**1** The University System must enroll, educate and graduate more people.

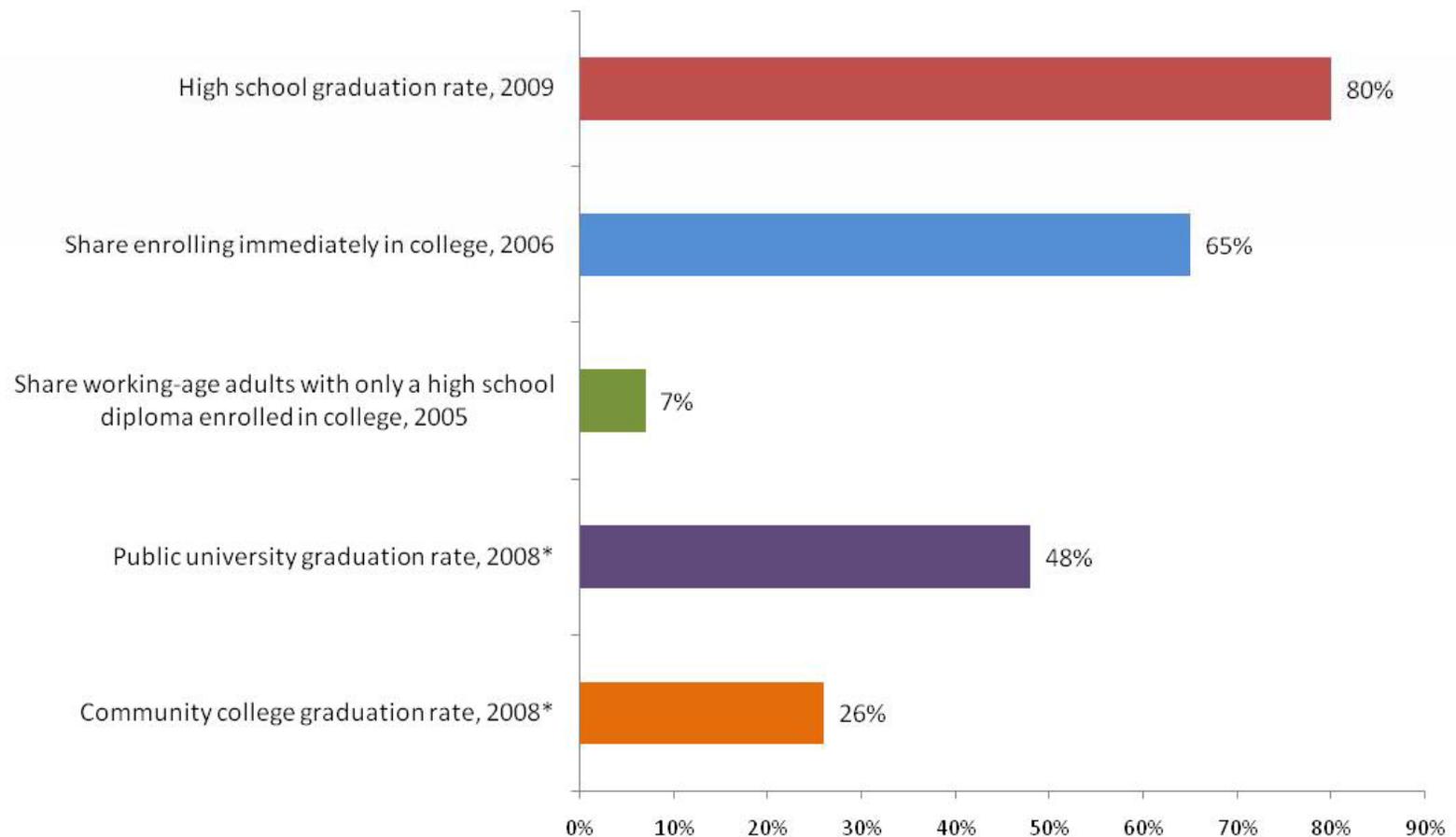
It should adopt the goal of the Maine Compact for Higher Education to educate 40,000 additional degree holders, above current projections, to reach the projected New England attainment rate by 2020.

## 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

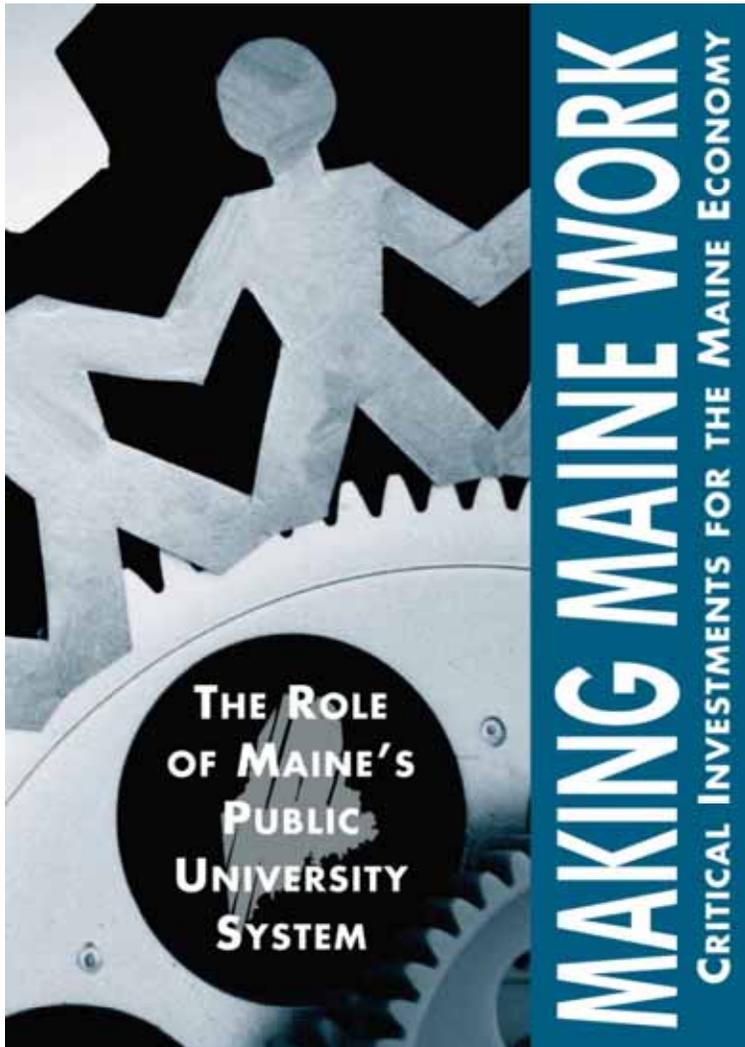
## College Preparation, Participation and Completion in Maine



\* 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

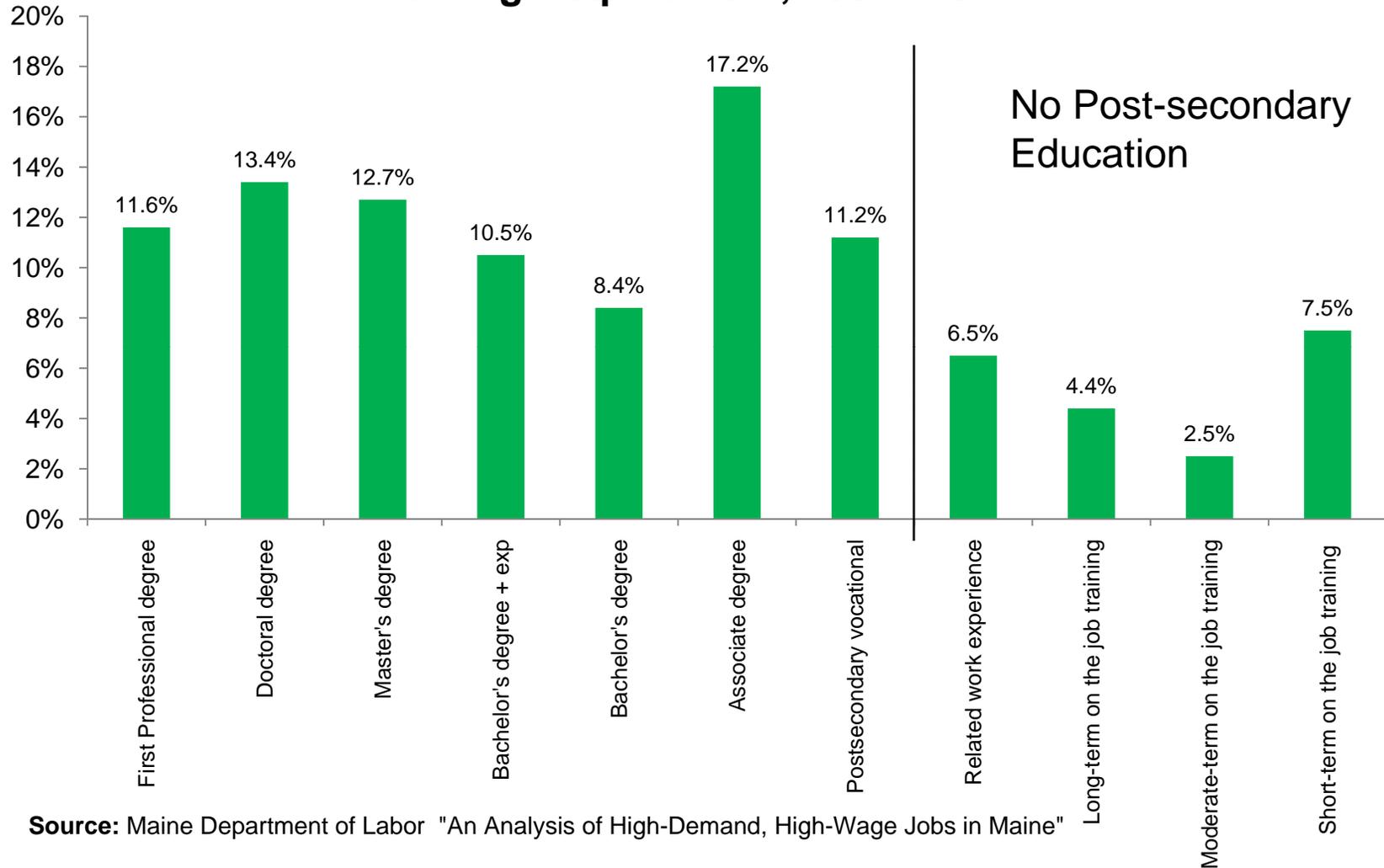
Source: "An Educated Workforce for a 21st Century Economy." Lisa Plimpton and Colleen Quint, Mitchell Institute. September 2010

# EDUCATE PEOPLE FOR THE MAINE ECONOMY



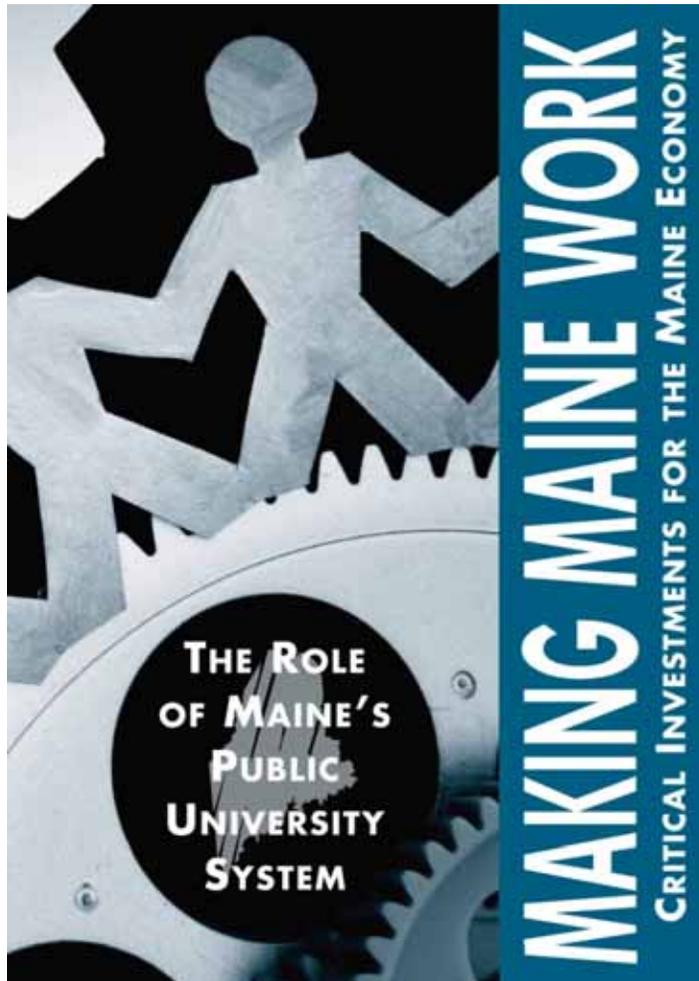
- 2** Graduate more people with the skills and knowledge that meet the current and future needs of Maine businesses.

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



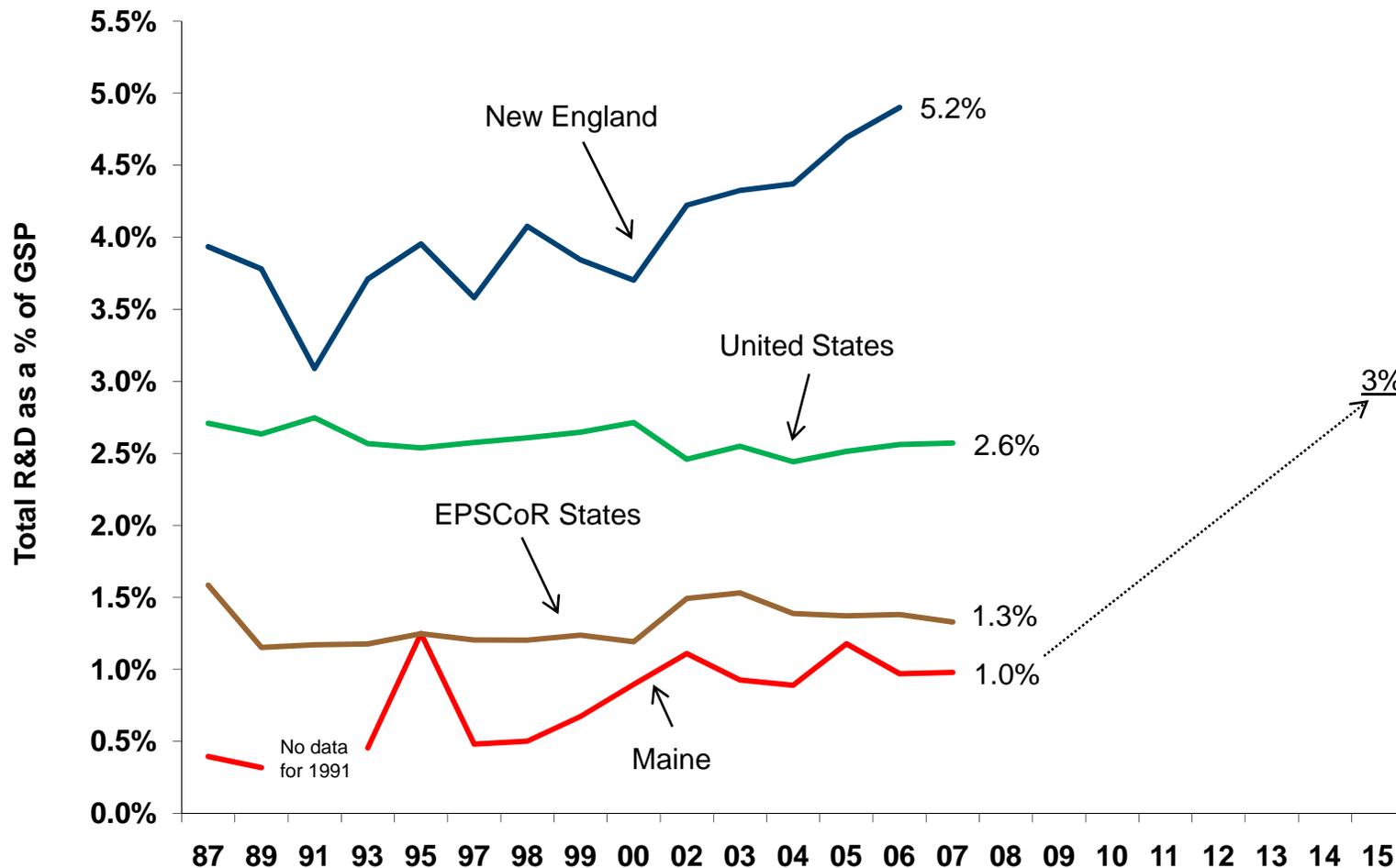
Source: Maine Department of Labor "An Analysis of High-Demand, High-Wage Jobs in Maine"

# DRIVE INNOVATION AND SUPPORT ENTREPRENEURSHIP



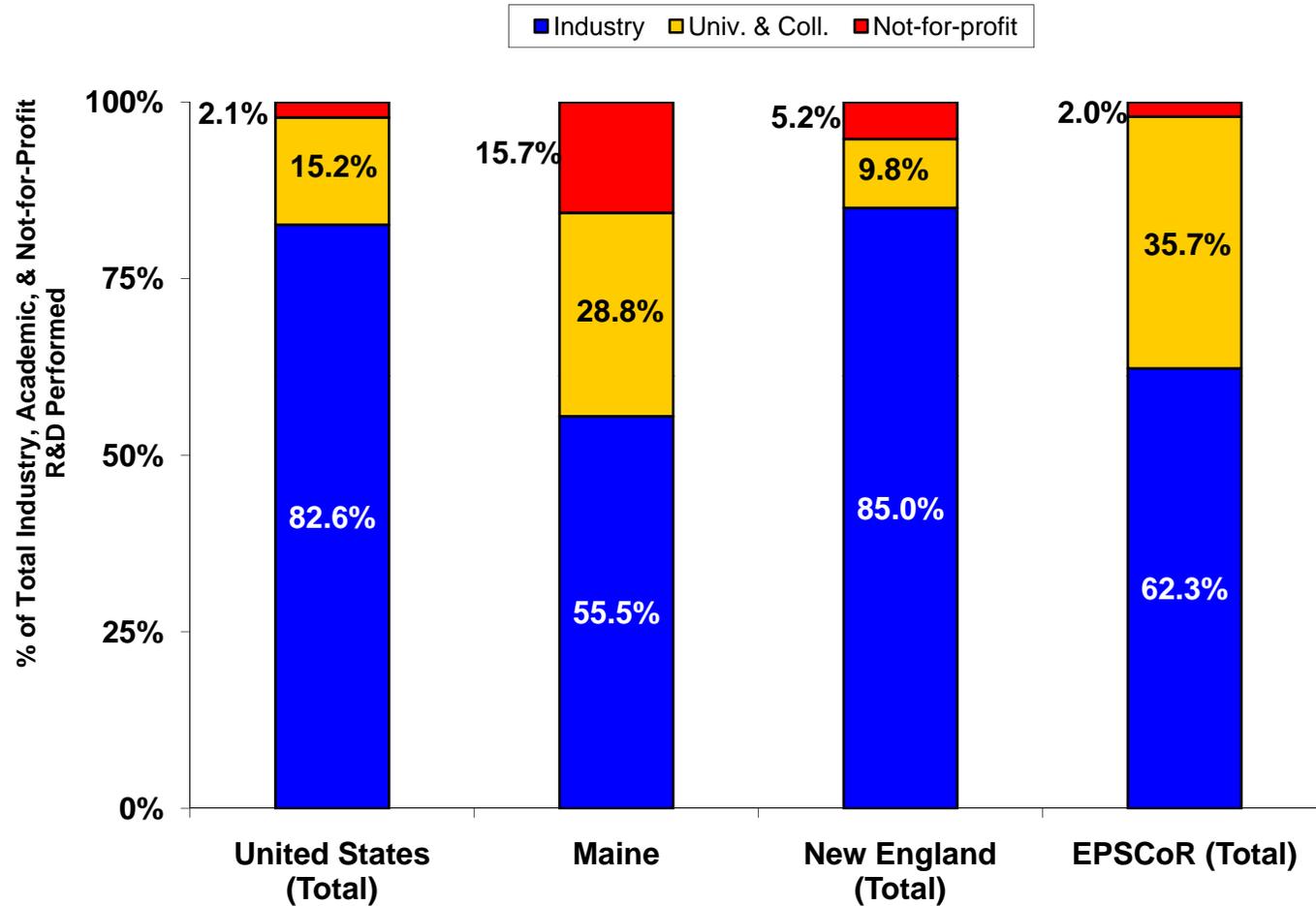
- 3** Increase and expand the capacity for the University System to conduct research and development that:
- leverages additional funding,
  - generates marketable ideas,
  - supports job and wealth creation in the Maine economy.

## Total R&D Spending as a Percent of Gross State Product 1987- 2007



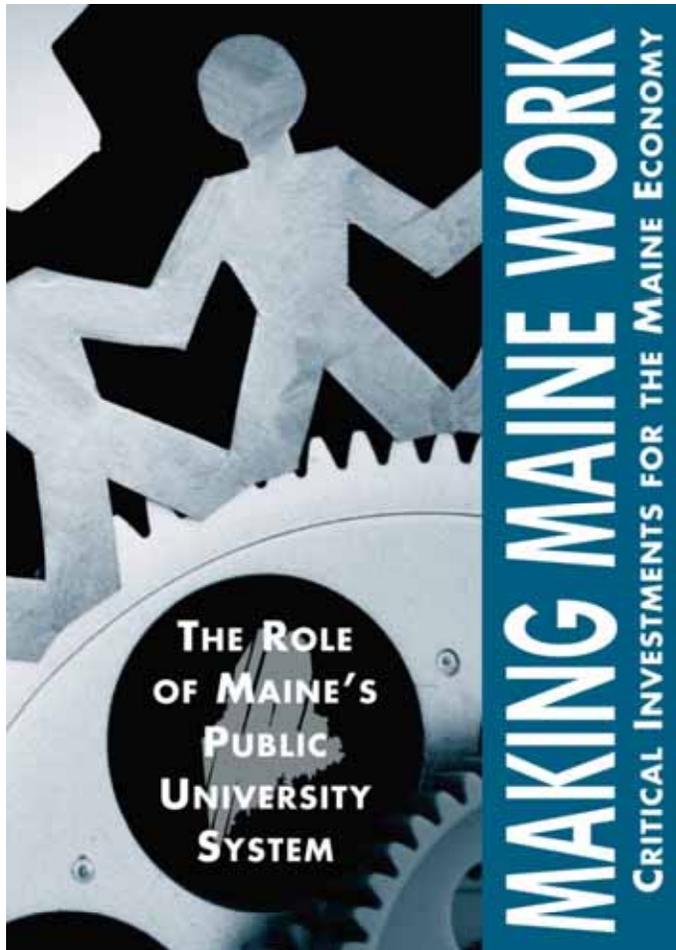
Note: From 1997-2000 & 2002-2006 chart portrays one-year increments; all other years are in two-year increments.

## R&D by Performance Sector – 2007



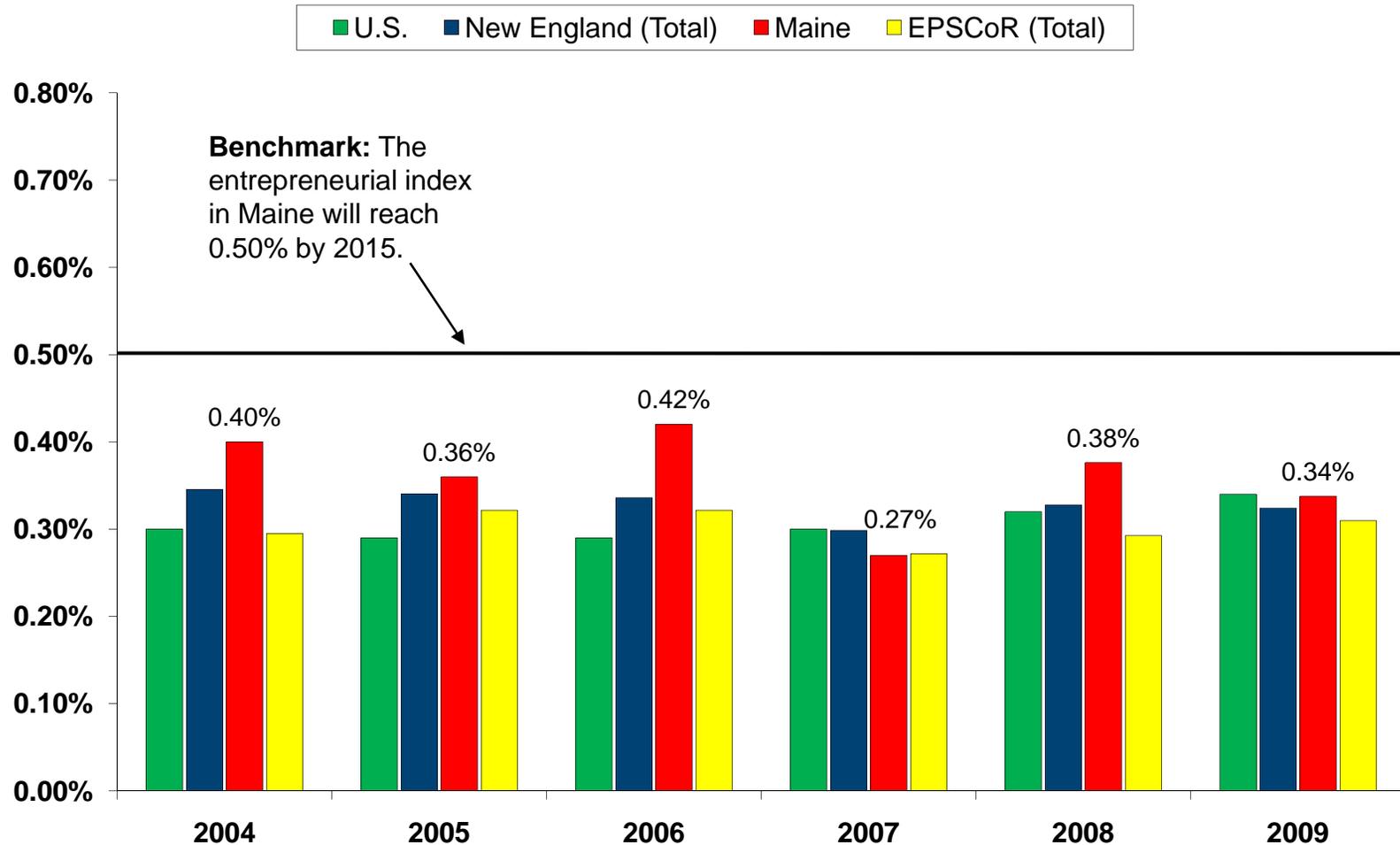
Note: not for profit includes only that which is federally funded and therefore the contribution by this sector is understated

# DRIVE INNOVATION AND SUPPORT ENTREPRENEURSHIP



- 4** **Develop the entrepreneurial skills of students and faculty, and support technology and knowledge transfer system-wide, providing the opportunity and capacity to commercialize ideas.**

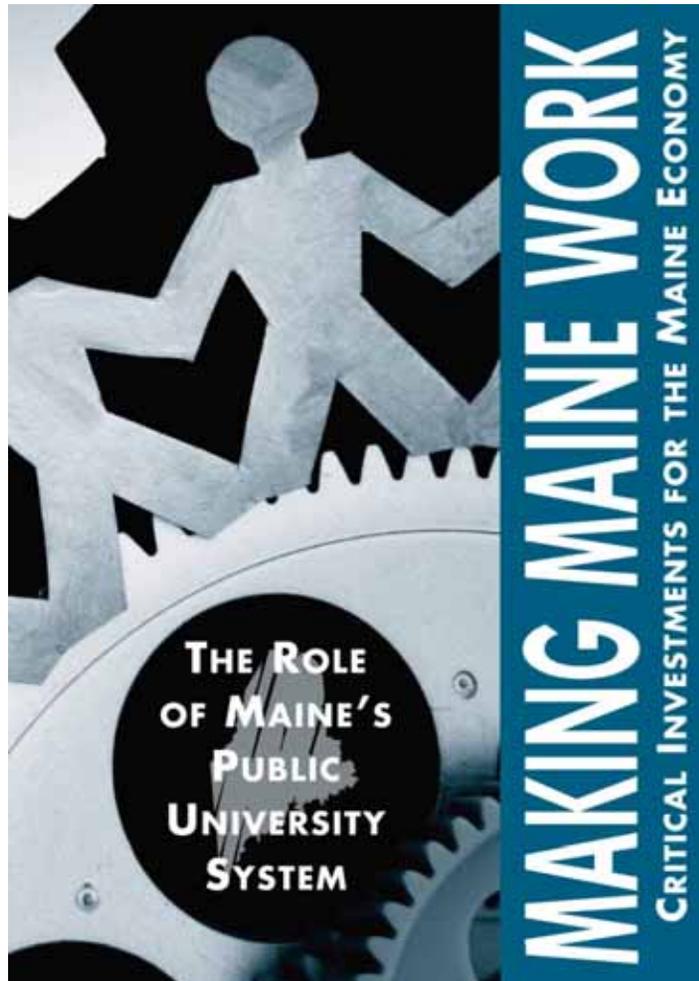
## INDEX OF ENTREPRENEURIAL ACTIVITY\* 2004 - 2009



Source: PolicyOne Research

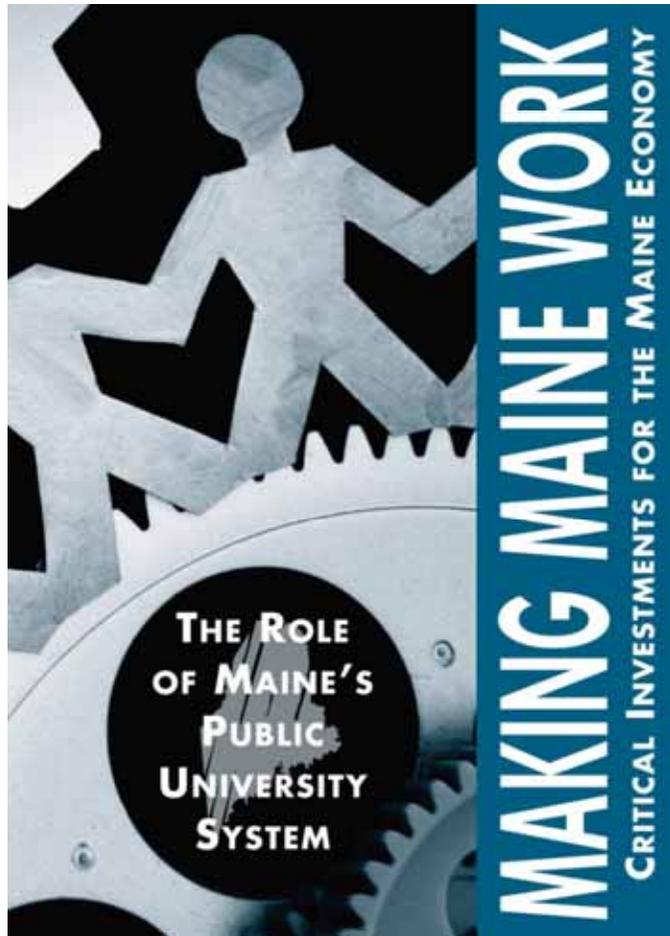
\*Measures the percent of individuals from ages 20 to 64 who do not own a business in the first survey month that start a business in the following month (15+ hours per week)

# DRIVE INNOVATION AND SUPPORT ENTREPRENEURSHIP



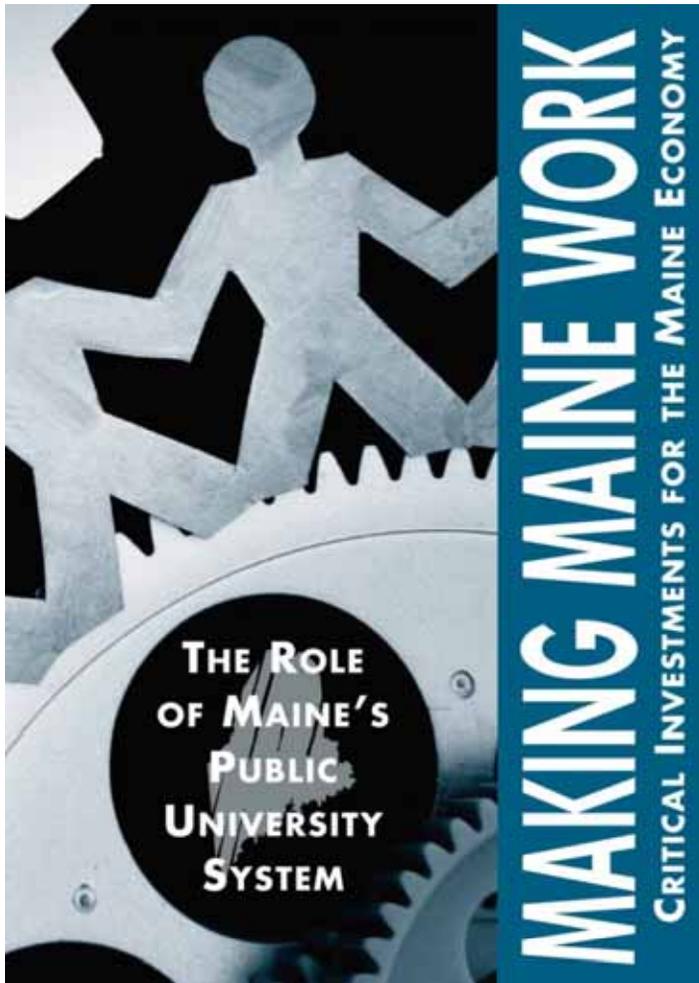
- 5** Bring the University System's R&D and knowledge directly to the businesses that will use them.

## SERVE THE PUBLIC AND SUPPORT BUSINESS



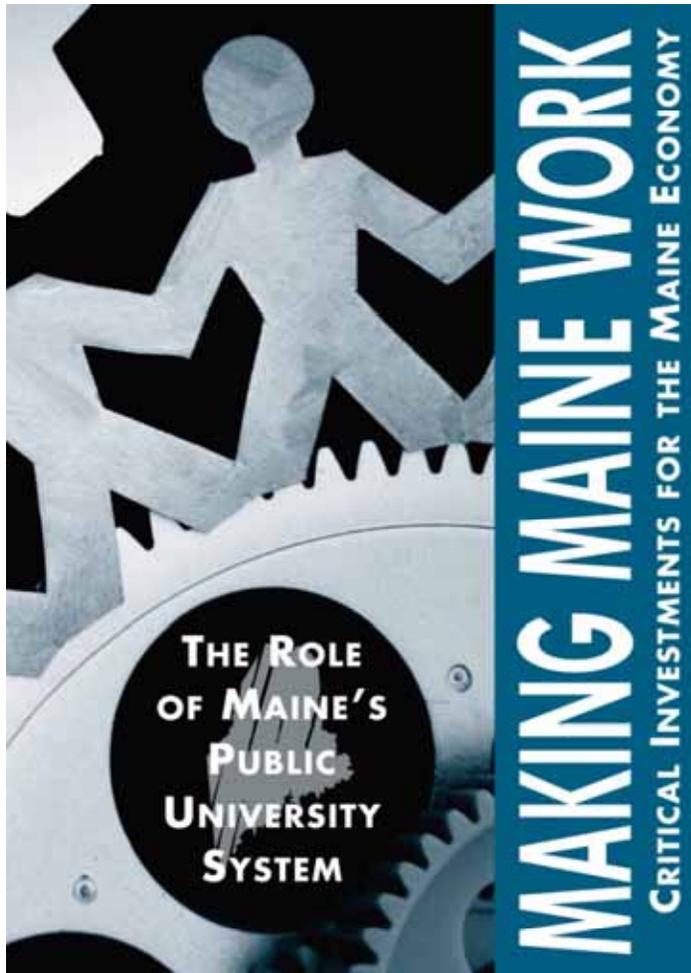
- 6 Provide technical support and capacity that Maine businesses require to be competitive in the national and global markets.**

## SERVE THE PUBLIC AND SUPPORT BUSINESS



- 7 The University System must make regional economic development a priority and work actively with partners to achieve community and economic development goals.**

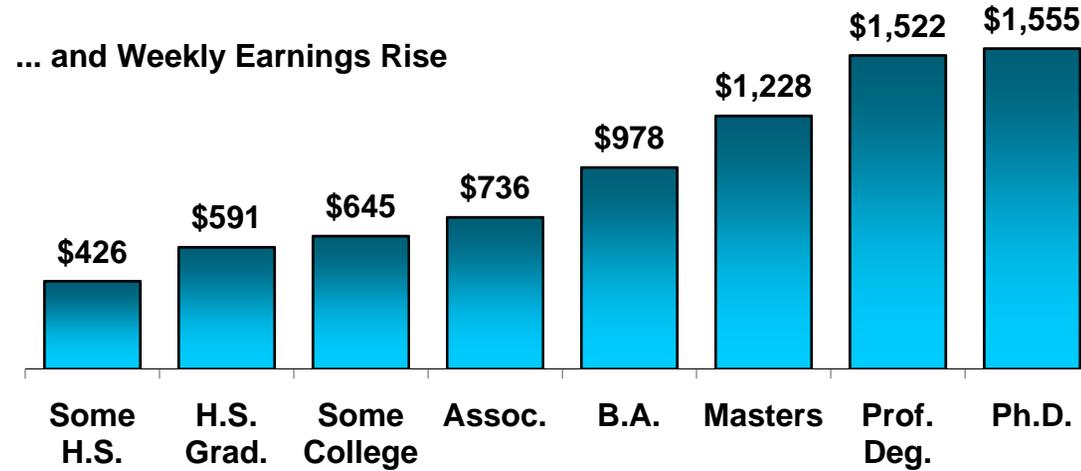
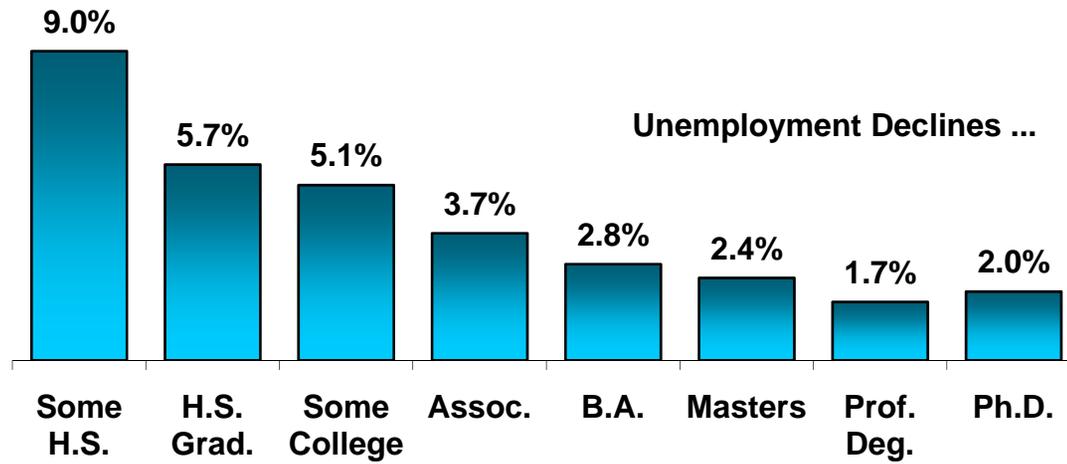
# EXPAND THE ROLE OF COMMUNITY AND CULTURAL CENTERS



- 8 Campuses must develop and market their cultural and community assets as a means of attracting and retaining people in Maine.



## With Additional Education (2008)



Source: Bureau of Labor Statistics

# 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.*

