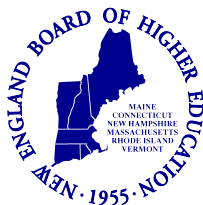


# Higher Education in New England: Enrollment and Migration

Presentation by the  
New England Board of Higher Education  
February 13, 2014



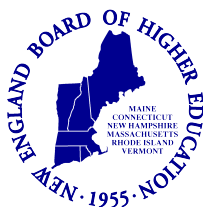
# About NEBHE

- Interstate agency, chartered by New England Governors in 1955
- Mission: Expand educational opportunities and resources
- Key areas:
  - Cost savings & affordability
  - College readiness & success
  - Higher education's link to local and regional economic development



# About NEBHE

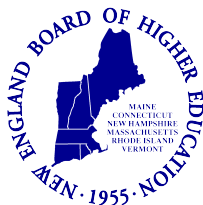
- Projects and Programs include:
  - Regional Student Program “Tuition Break”
  - Professional & Curriculum Development
  - Issue-oriented Conferences & Annual Excellence Awards
  - *The New England Journal of Higher Education*
  - Policy Analysis and Research



# Education & the Workforce

The economy is strengthening...

- New England economy is projected to grow more slowly than the rest of the country
- Projected job openings will require increasing numbers of workers with some postsecondary education
- By 2020, more jobs in New England will require some postsecondary education than the rest of the country

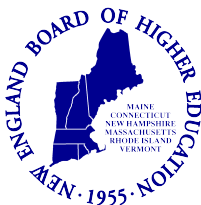
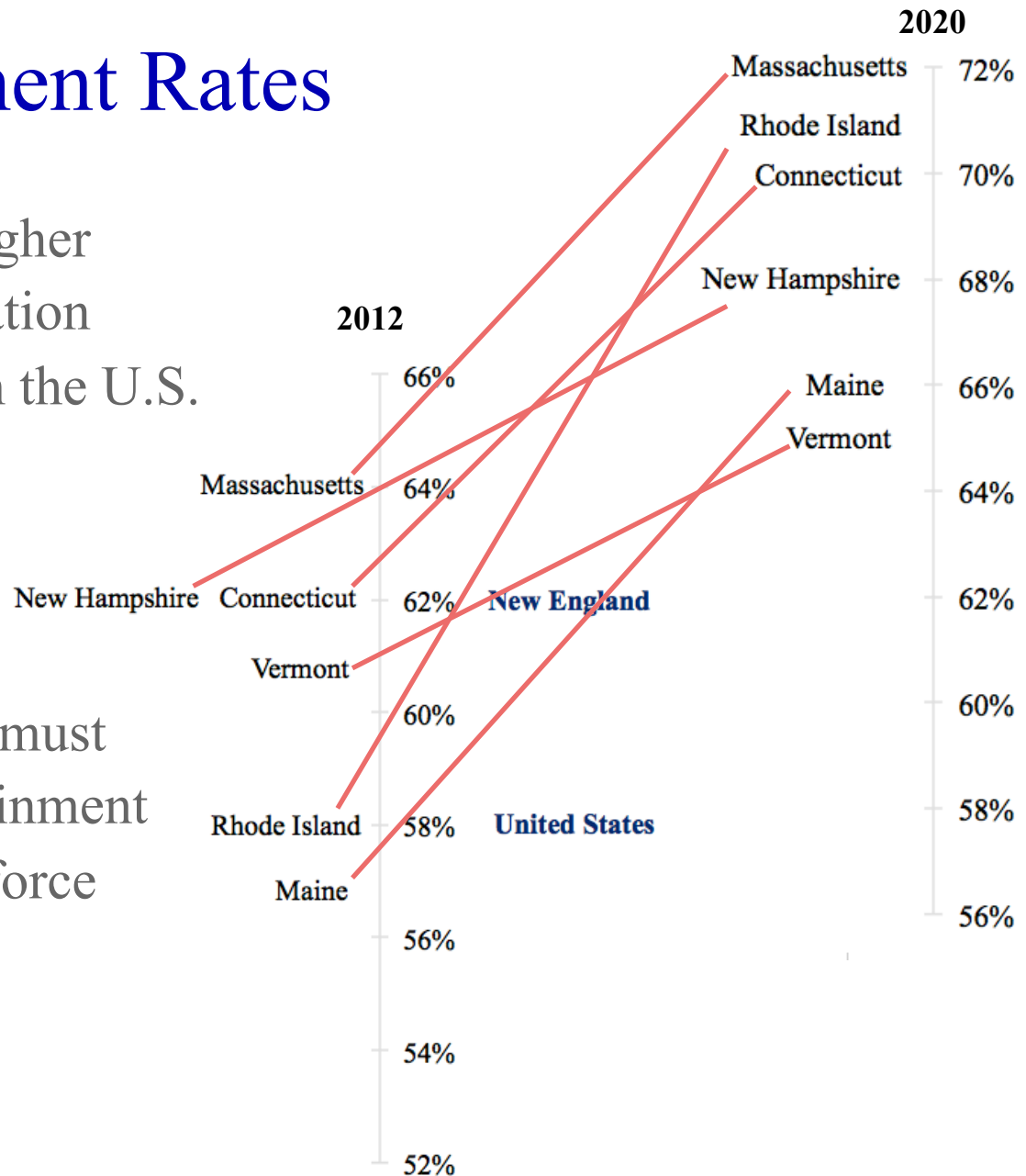


District of Columbia	76%
Minnesota	74%
Colorado	74%
Massachusetts	72%
North Dakota	72%
Rhode Island	71%
Kansas	71%
Nebraska	71%
Oregon	70%
Illinois	70%
Washington	70%
Michigan	70%
Connecticut	70%
Hawaii	70%
Montana	69%
Maryland	69%
New York	69%
Arizona	68%
Iowa	68%
New Jersey	68%
New Hampshire	68%
Idaho	68%
California	67%
North Carolina	67%
Virginia	67%
Missouri	66%
Maine	66%
Alaska	66%
National	65%
Vermont	65%
Georgia	65%
South Dakota	65%
Florida	65%
Wyoming	65%
Ohio	64%

Sources: New England Economic Partnership; Georgetown Center on Education and the Workforce

# Current Attainment Rates

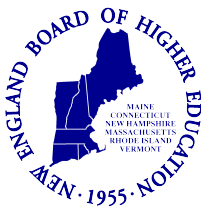
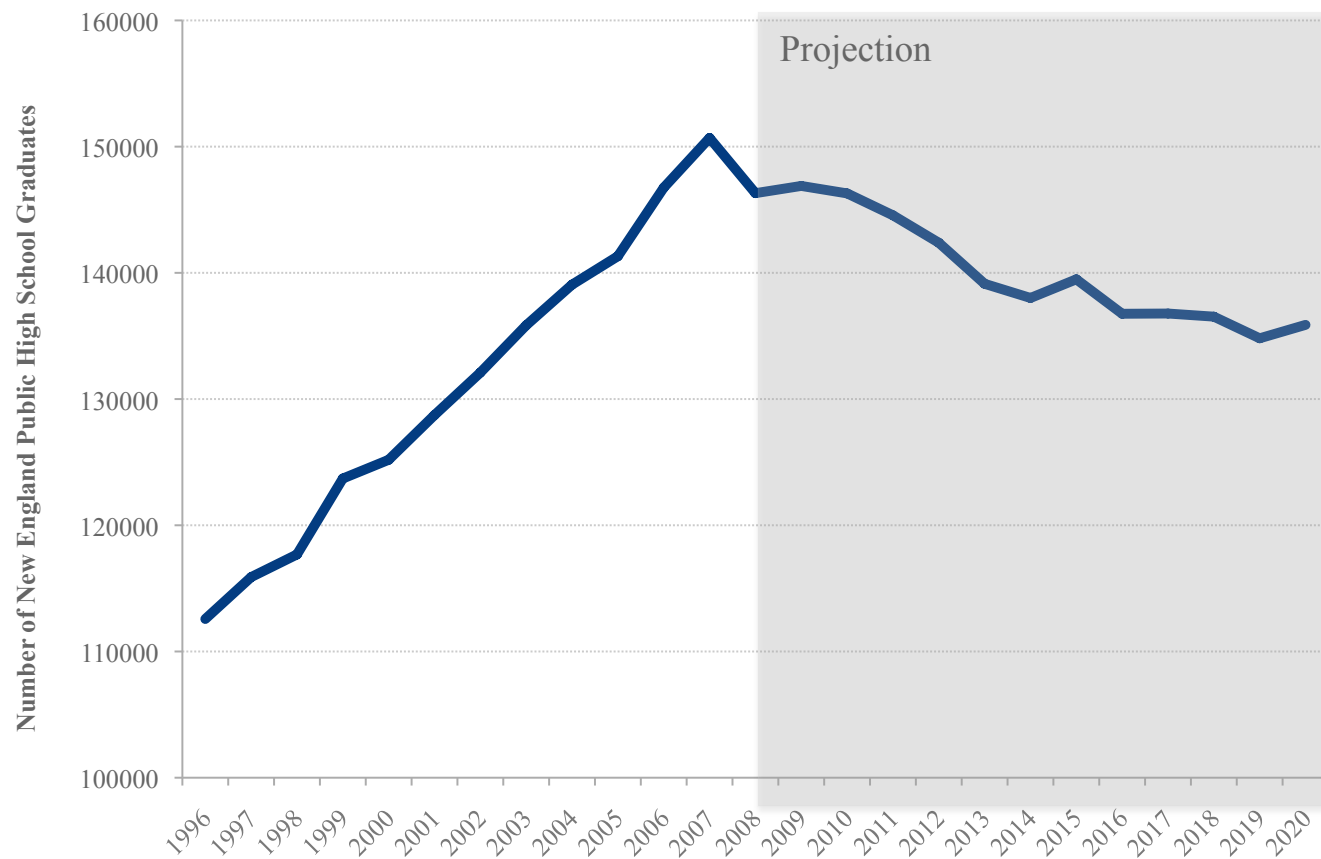
- New England has higher postsecondary education attainment rates than the U.S.
- New England states must continue raising attainment to meet future workforce needs.



Sources: 2012 American Community Survey; Georgetown Center on Education and the Workforce

# Population Projections

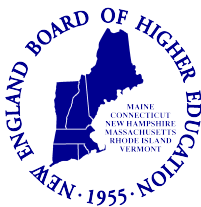
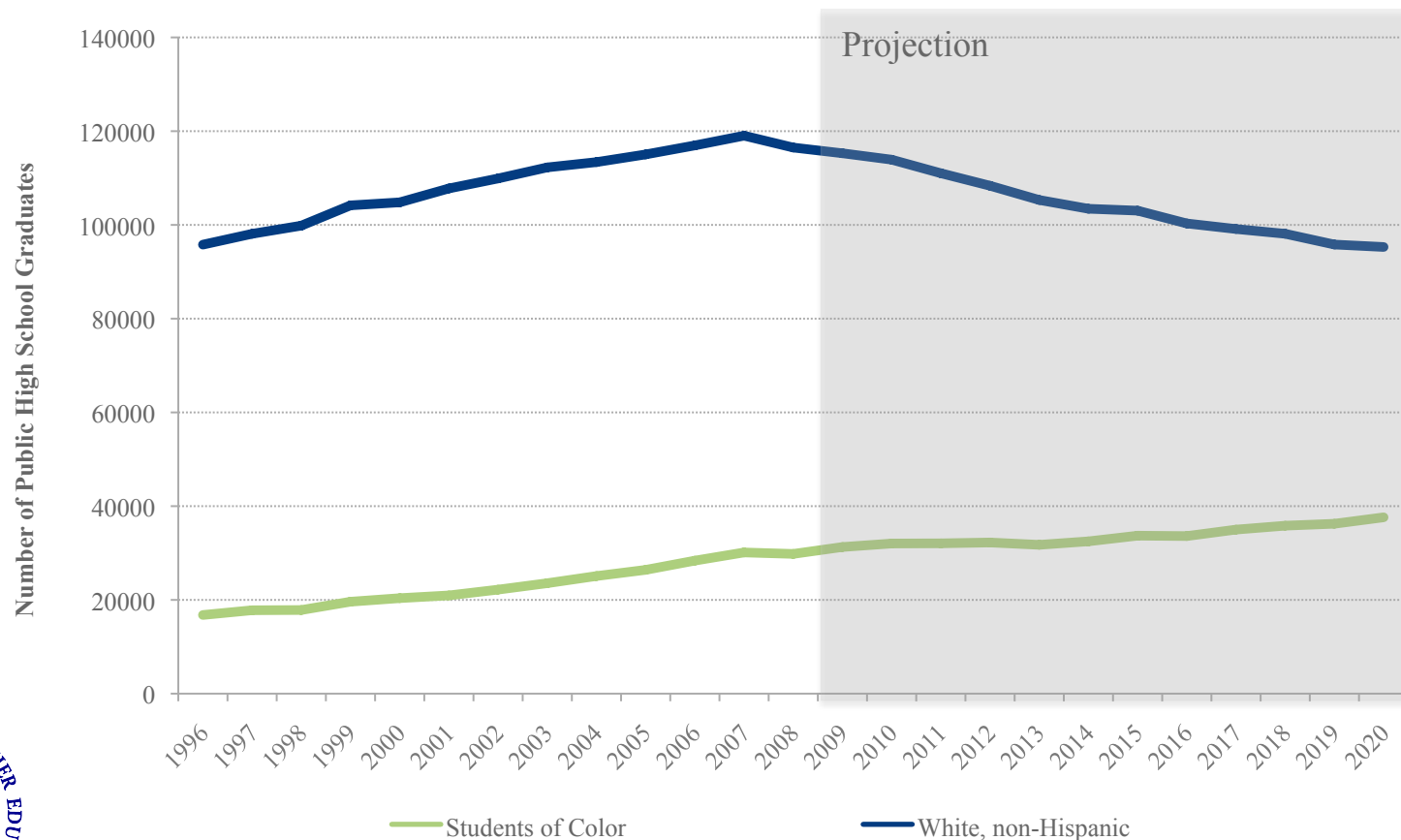
- Projected declines in the number of high school graduates means a smaller pool of traditional age college enrollees.



Source: Western Interstate Commission For Higher Education, 2012

# Projections of High School Graduates

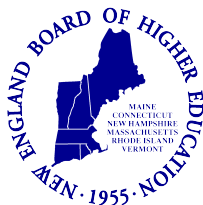
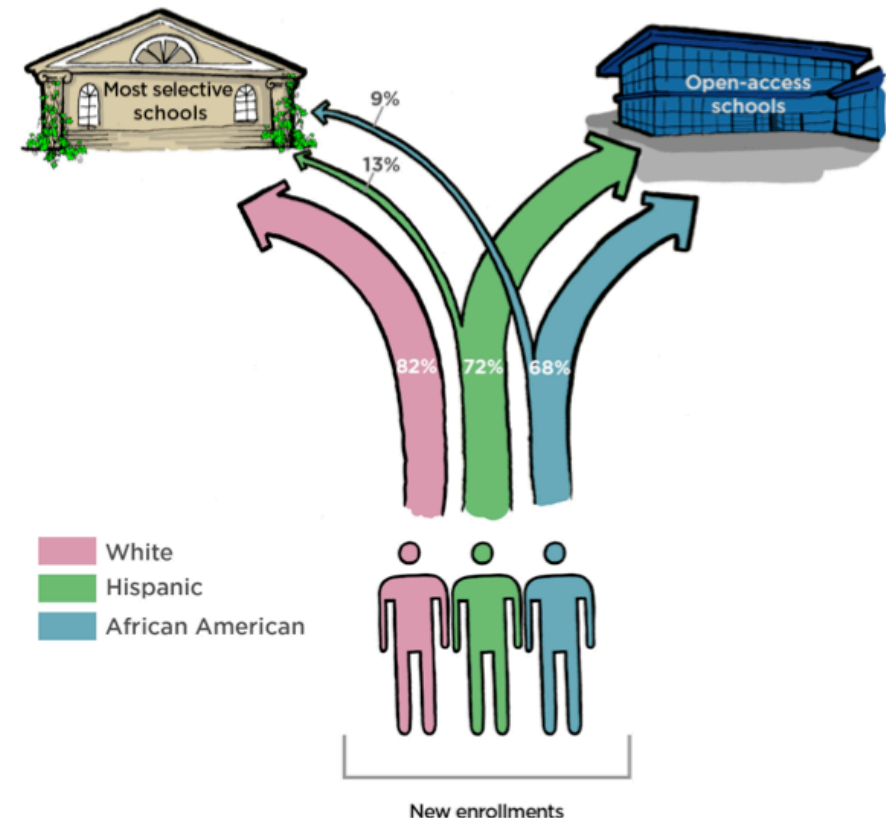
- While projected to decline overall, high school graduates in New England will be increasingly diverse.



Source: Western Interstate Commission For Higher Education, 2012

# Serving More Diverse Students

- Growing communities in New England are more likely to be underserved in higher education.
- African American and Hispanic students are more likely to enroll in two-year colleges and open-access four-year institutions than white students.
- While bachelor's degree attainment rates have increased overall, degree attainment gaps between racial groups have widened.



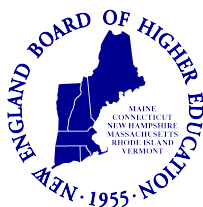
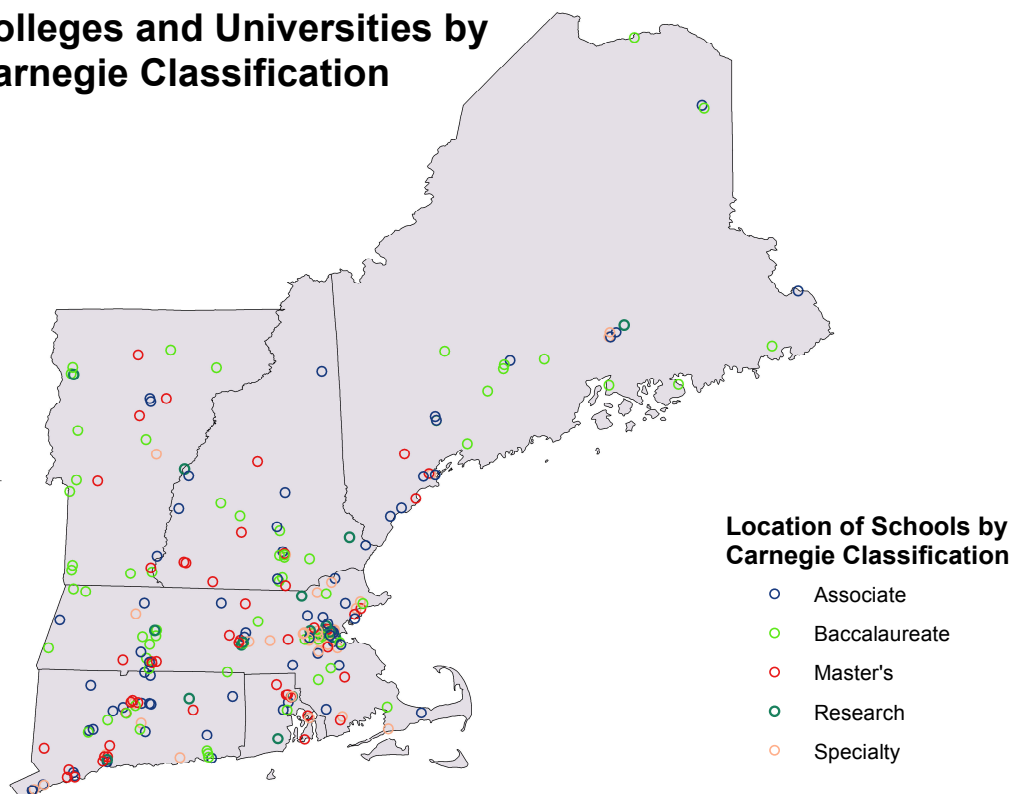
Source: Georgetown Center on Education and the Workforce, 2013



# New England Higher Education at a Glance

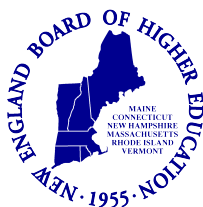
- 260 non-profit postsecondary institutions
- Enrolled over 980,000 graduate and undergraduate students in Fall 2012
- Grant over 200,000 degrees annually

**Colleges and Universities by Carnegie Classification**



# New England College Enrollment

- Overall, fall enrollment of first-time undergraduates increased between 2009 and 2012, peaking in 2010.

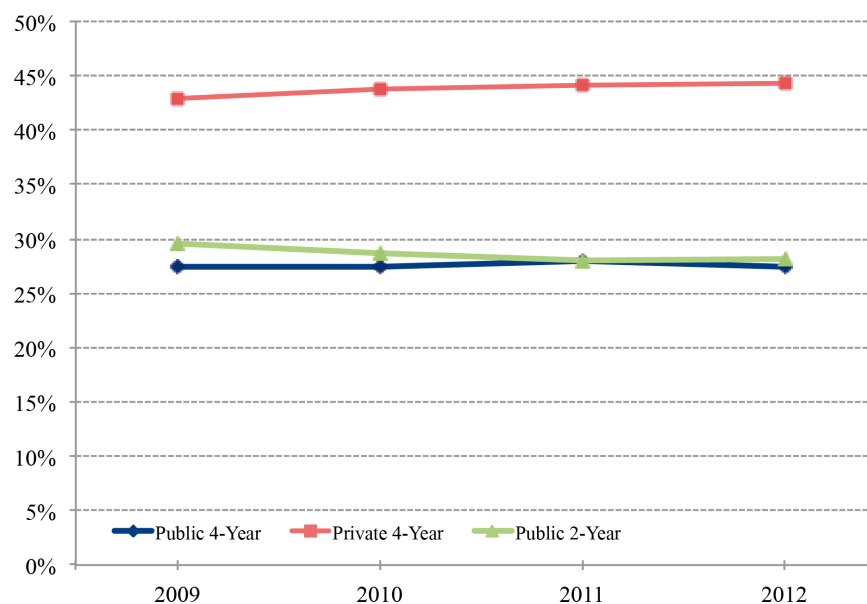


Fall Enrollment of First-Time Undergraduates in New England, by Sector of Institution

	2009	2010	2011	2012
<b>Public 4-Year</b>	42,312	42,534	43,025	42,475
<b>Private 4-Year</b>	66,060	67,892	67,920	68,510
<b>Public 2-Year</b>	45,554	44,579	43,192	43,384
<b>Total Enrollment</b>	153,926	155,005	154,137	154,369

Source: NEBHE Analysis of U.S. Department of Education Data

Fall Enrollment of First-Time Undergraduates in New England, by Sector of Institution



Source: NEBHE Analysis of U.S. Department of Education Data

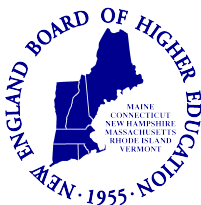
# New England College Enrollment

- New England's higher education sector has a history of enrolling more non-native students than other regions.

Percentage of First-Time Undergraduates with New England residency, in New England, by Sector of Institution, Fall 2012

	% of New England Enrollment
Public 4-Year	89.49%
Private 4-Year	55.91%
Public 2-Year	99.62%

Source: NEBHE Analysis of U.S. Department of Education Data



## Attraction of Four-Year College Students Who Are Native vs. Non-Native to New England (Graduating Class of 2008)

Division of Institution	Share of College Students who are Non-Natives (Percent)
New England Graduating Class of 2000	33.6 29.5
Middle Atlantic	8.2**
East North Central	10.8**
West North Central	18.5**
South Atlantic	15.0**
East South Atlantic	13.4**
West South Central	6.5**
Mountain	19.8**
Pacific	6.0**

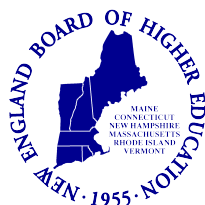
Source: Federal Reserve Bank of Boston analysis of U.S. Department of Education data, 2013

# New England College Enrollment

- Non-native students don't necessarily stay in-region after graduation...
- New England institutions **must** continue and increase enrollment among New England residents
- New England states **must** improve retention of non-native students after graduation.

**Table 1. Attraction and Retention of Students Who Are Native versus Non-Native to New England (Graduating Class of 2008)**

Division of Institution	Share of College Students who are Non-Natives (Percent)	Share of College Graduates Living in Same Division as B.A. Institution One Year After Graduation (Percent)		
		All Graduates	Natives	Non-Natives
New England Graduating Class of 2000	33.6 29.5	63.6 70.5	85.7 91.0	19.8 21.6
Middle Atlantic	8.2**	82.7**	87.0	34.9
East North Central	10.8**	78.4**	85.3	21.7
West North Central	18.5**	69.6	82.2	14.0
South Atlantic	15.0**	79.0**	87.8	28.8
East South Atlantic	13.4**	71.7	79.7	19.8
West South Central	6.5**	83.9**	87.1	37.8
Mountain	19.8**	67.6	80.0	17.1
Pacific	6.0**	88.0	90.3	52.0**



Source: Federal Reserve Bank of Boston analysis of U.S. Department of Education data, 2013

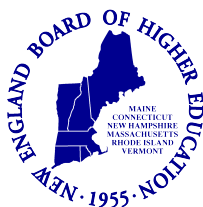
# New England Student Migration

- Between 2000 and 2012, the percentage of New England students enrolling in their home state hovered around 66%.
- The percentage of New England students enrolling in a New England institution, hovered around 82%.
- Changes since 2002? VA drops from #10 to #11; NC rises from #12 to #10

Fall 2012 New England First Time Undergraduate Enrollment, by State of Enrollment

Rank	State	Total New England Enrollment
1	MA	55,496
2	CT	24,466
3	NH	11,433
4	RI	11,176
5	ME	10,430
6	NY	7,529
7	VT	5,221
8	PA	3,114
9	FL	1,461
10	NC	1,308

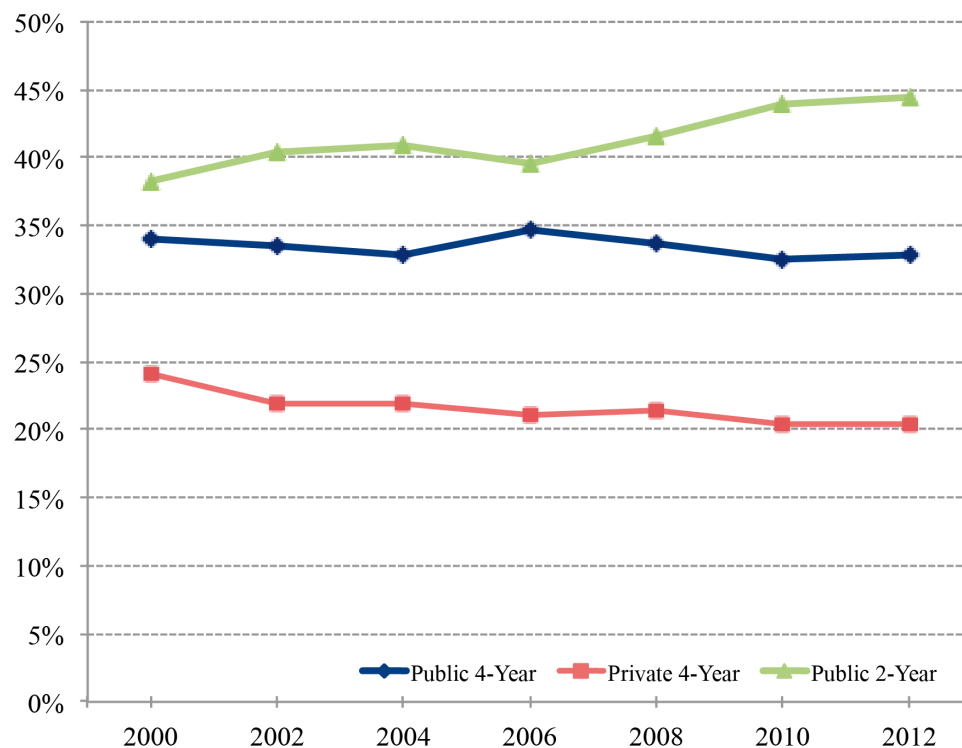
Source: NEBHE Analysis of U.S. Department of Education Data



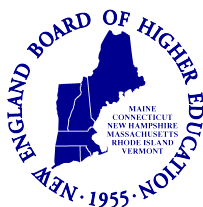
# In-State Enrollment Across New England

- Public two-year colleges' market share of students staying in-state is increasing...at the expense of public and private four-year institutions.

Fall In-State Enrollment of First-Time Undergraduates, New England, by Sector of Institution



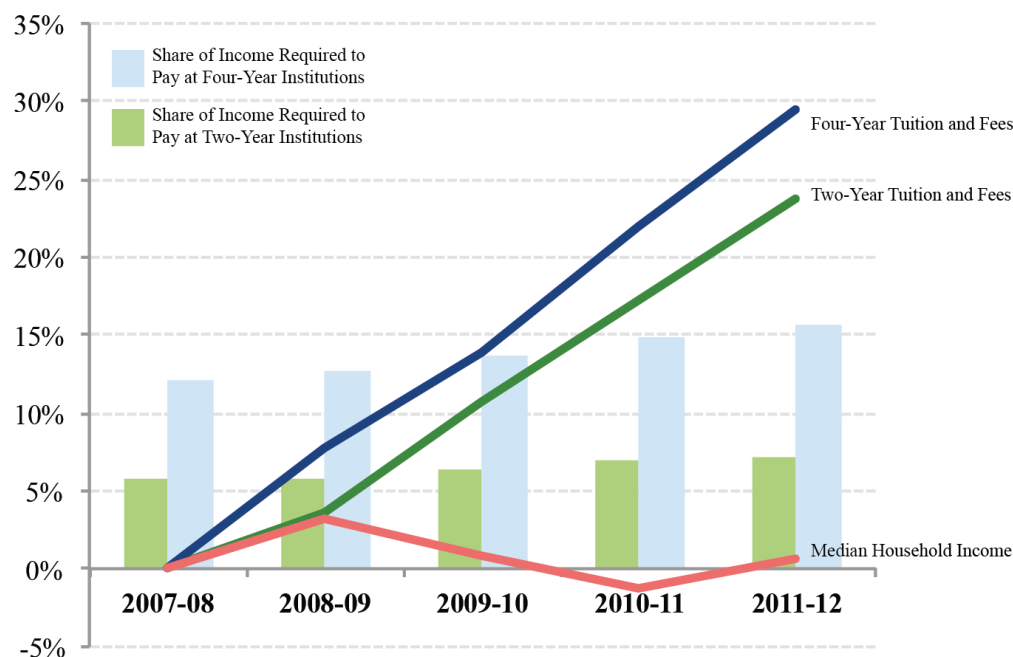
Source: NEBHE Analysis of U.S. Department of Education Data



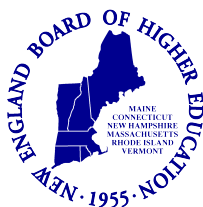
# New England Tuition and Fee Trends

- Tuition and fees have risen at a time when median household income has remain stagnant.
- Affordability is an increasingly important issue...

**Figure 5:** Changes in Household Income and Public In-State Two- and Four-Year Tuition and Fees relative to 2007-08, alongside the Share of Household Income Represented by Public In-State Tuition and Fees, 2007-2011

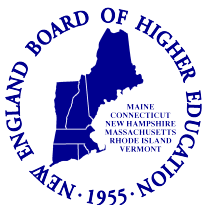


Source: NEBHE analysis of data provided by New England public postsecondary institutions and state agencies; U.S. Census Bureau, 2006-2011 American Community Surveys.



# NEBHE's Regional Student Program

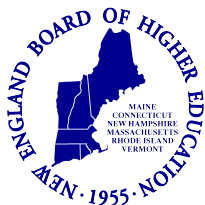
- Established in 1957 because of the New England Higher Education Compact, to expand educational opportunities for New England residents and to share higher education resources among the six states.
- Affords residents tuition savings and access to degree programs – not offered in-state – at out-of-state public colleges in New England.





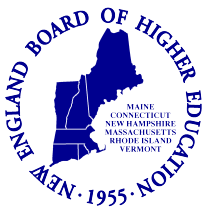
# Benefits of the Regional Student Program

- More than 750 undergraduate and graduate degree programs, many of them in high-demand and specialized fields.
- Special “regional” tuition rate – average savings of \$7,000 annually.
- 9,500 students saved \$56 million in 2013-14.
- Helps public colleges attract and retain out-of-state students.
- Encourages New England residents to attend college in the region.



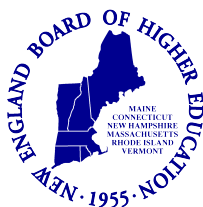
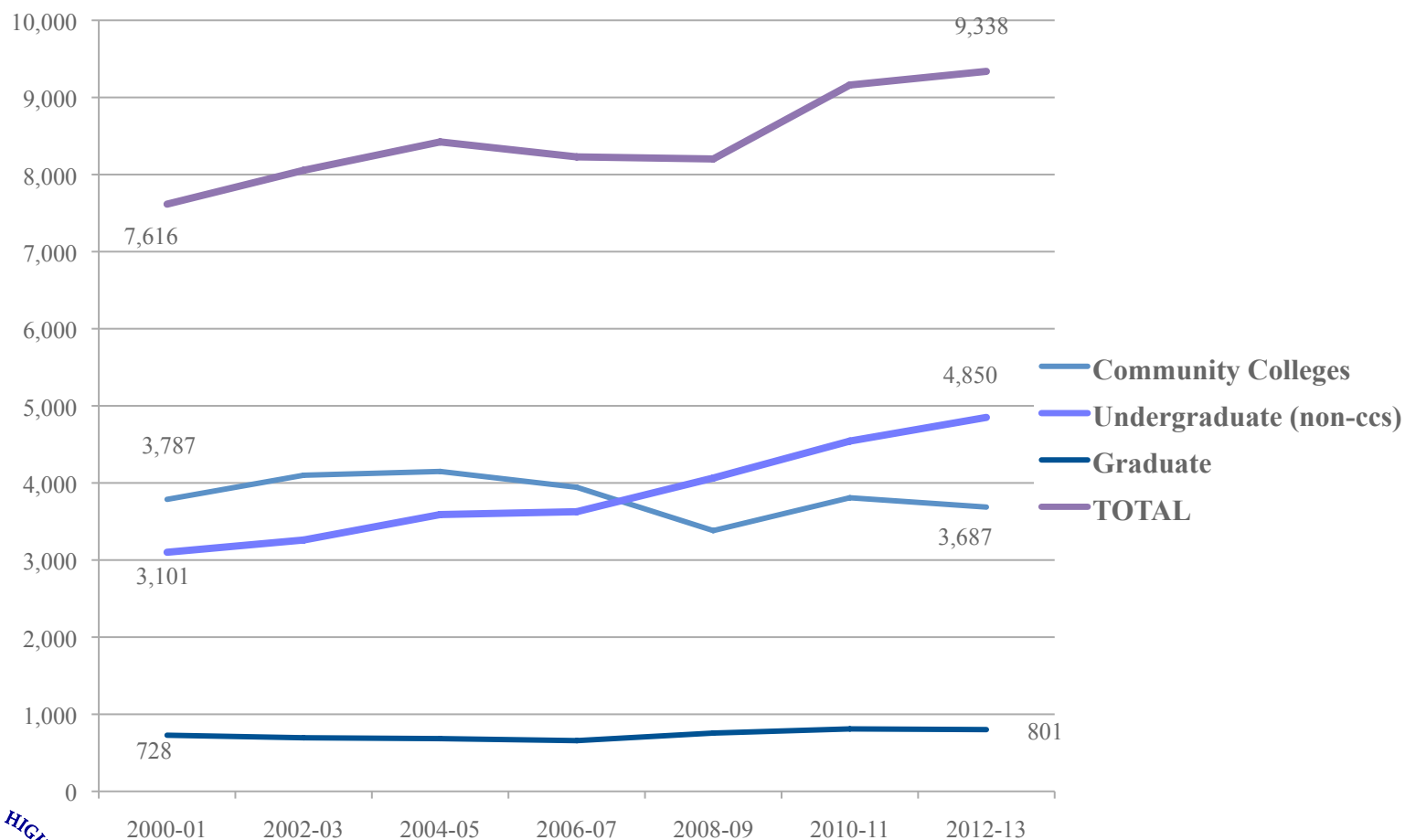
# RSP / Tuition Break Eligibility

- Permanent residents of the New England states.
- Degree programs proposed and approved annually through peer review.
- Proximity policy at some colleges near state borders.
- Expanded eligibility at some community colleges.



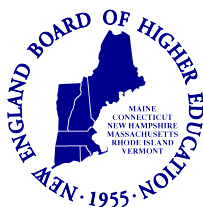
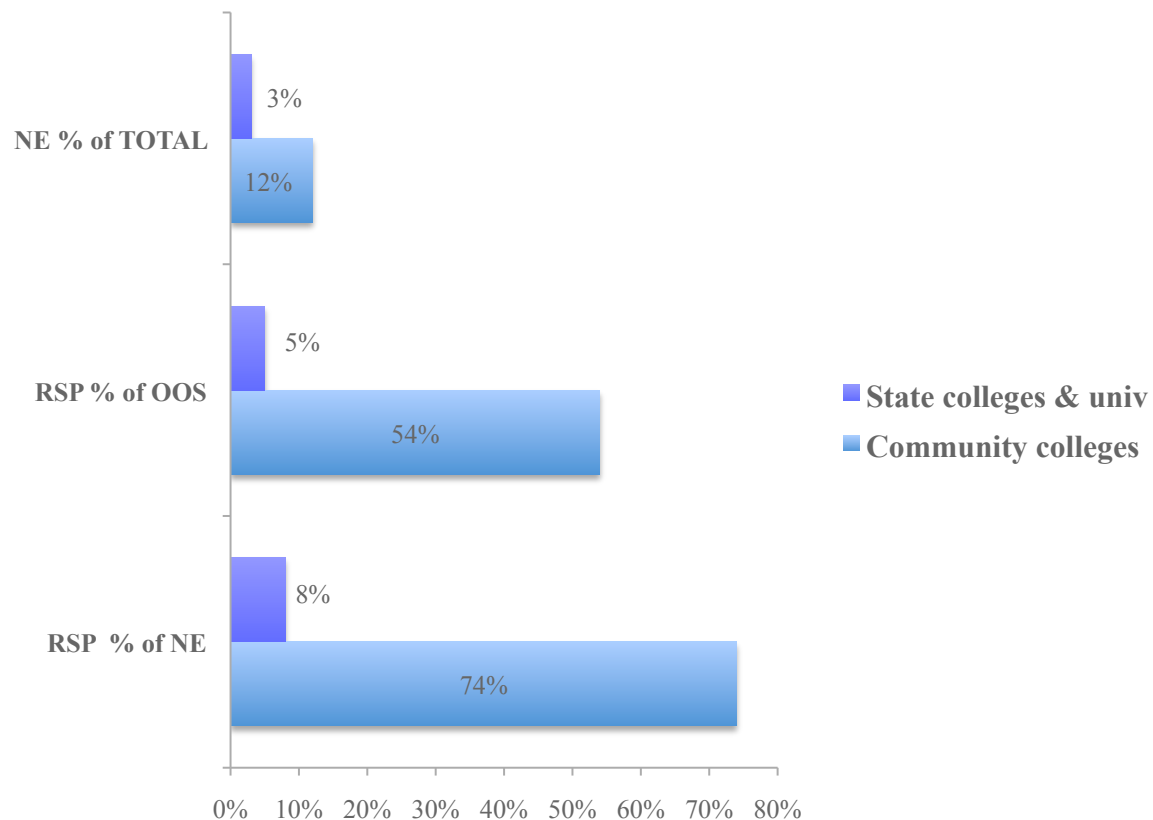
# Regional Student Program Enrollment Trend

Total RSP enrollment and by institutional type/level: undergraduate, graduate, and community college.



# Regional Student Program Enrollment Snapshot

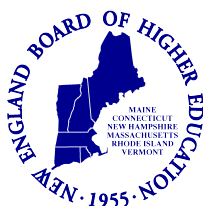
Fall 2012: RSP as % of total out-of-state enrollment and New England out-of-state enrollment.



Source: 2013 NEBHE survey of New England colleges and universities; 71% of New England public colleges responded to this data question.

# Regional Student Program Net Migration by State

YEAR	NH	CT	VT	ME	RI	MA
2000-01	OUT	OUT	OUT	OUT	IN	IN
2002-03	OUT	OUT	OUT	OUT	IN	IN
2004-05	OUT	OUT	OUT	OUT	IN	IN
2006-07	OUT	OUT	OUT	OUT	IN	IN
2008-09	OUT	OUT	OUT	OUT	OUT	IN
2010-11	OUT	OUT	OUT	IN	OUT	IN
2012-13	OUT	OUT	IN	IN	OUT	IN



# Popular RSP Programs: STEAM and more...

**Science:** Biophysics, Horticulture, Marine Science, Meteorology, Neurobiology, Pharmacy, Pathobiology, Cognitive Science

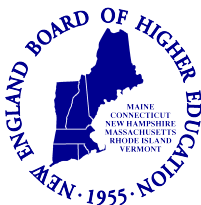
**Technology:** Sustainable, Energy, Marine, Automotive, Computer, Fiber Optic, Advanced Manufacturing

**Engineering:** Biomedical, Computer Systems, Environmental, Materials, Ocean, Engineering Physics • **Math:** Actuarial Science

**Arts:** Acting, Game Design, Fashion Design, Musical Theater, Sound Recording, Visual Design, Game Design, Sculpture, New Media

**Health:** Health Care Management, Occupational Therapy

**Languages:** Chinese, Japanese • **Social Sciences:** Justice Studies, Human Rights, Ethnic Studies



new england board of higher education's  
**tuitionbreak**  
for new england residents

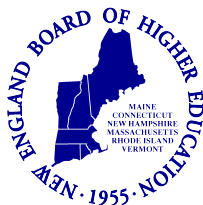
[www.nebhe.org](http://www.nebhe.org)  
[www.nebhe.org/tuitionbreak](http://www.nebhe.org/tuitionbreak)

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# U.S. Census Divisions

- **New England Division:** Maine, Vermont, New Hampshire, Massachusetts, Connecticut, Rhode Island
- **Middle Atlantic Division:** New Jersey, New York, Pennsylvania
- **East North Central Division:** Wisconsin, Michigan, Ohio, Indiana, Illinois
- **West North Central Division:** North Dakota, South Dakota, Nebraska, Kansas, Missouri, Iowa, Minnesota
- **South Atlantic Division:** Maryland, Delaware, West Virginia, Virginia, North Carolina, South Carolina, Georgia, Florida, District of Columbia
- **East South Central Division:** Kentucky, Tennessee, Alabama, Mississippi
- **West South Central Division:** Oklahoma, Arkansas, Texas, Louisiana
- **Mountain Division:** Idaho, Montana, Wyoming, Colorado, Utah, Nevada, Arizona, New Mexico
- **Pacific Division:** Washington, Oregon, California, Alaska, Hawaii

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