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Economic Impact of Immigrants in New Hampshire

Endowment for Health
Manchester Community College

May 27, 2015

“...to raise new ideas and improve policy debates through quality information and analysis on issues shaping New Hampshire’s future.”

Immigration expands the economy!

- The economy is not a pie, where one person's employment gain is another person's job loss.
- It is more like a membership group, where one additional person can join the organization without taking away from the rest of the organization's net worth (and perhaps even increase overall wealth).
- In wealthy nations, at least, jobs and income are not a fixed supply, and the absolute number of jobs can (and does) expand with the population.

New Hampshire Foreign Born Overall Findings

- Four out of ten of New Hampshire's foreign-born residents have a bachelor's degree or better, ranking New Hampshire among the top ten states in the country in the education level of foreign-born residents.
- Despite accounting for less than 6 percent of the state population, the foreign born account for nearly one in ten New Hampshire residents with a graduate or professional degree.

New Hampshire foreign born contribute to the New Hampshire economy.

- In 2013 New Hampshire foreign-born workers earned about \$2 billion in wages working in New Hampshire industries, or about 6.4 percent of the \$29 billion in wages earned in the state.
- Over one third of those earnings were in management, business, financial, computer and mathematical occupations.

New Hampshire foreign born could contribute more to the New Hampshire economy.

- An expansion of the high-skilled visa program would create an estimated 2,000 new jobs in New Hampshire by 2020.
- By 2045, this expansion would add around \$717 million to Gross State Product and increase personal income by more than \$706 million.
- Source: Frederick R. Treyz, Corey Stottlemyer, and Rod Motamedi, “Key Components of Immigration Reform: An Analysis of the Economic Effects of Creating a Pathway to Legal Status, Expanding High-Skilled Visas, and Reforming Lesser-Skilled Visas” (Amherst, MA: Regional Economic Models, Inc., 2013).

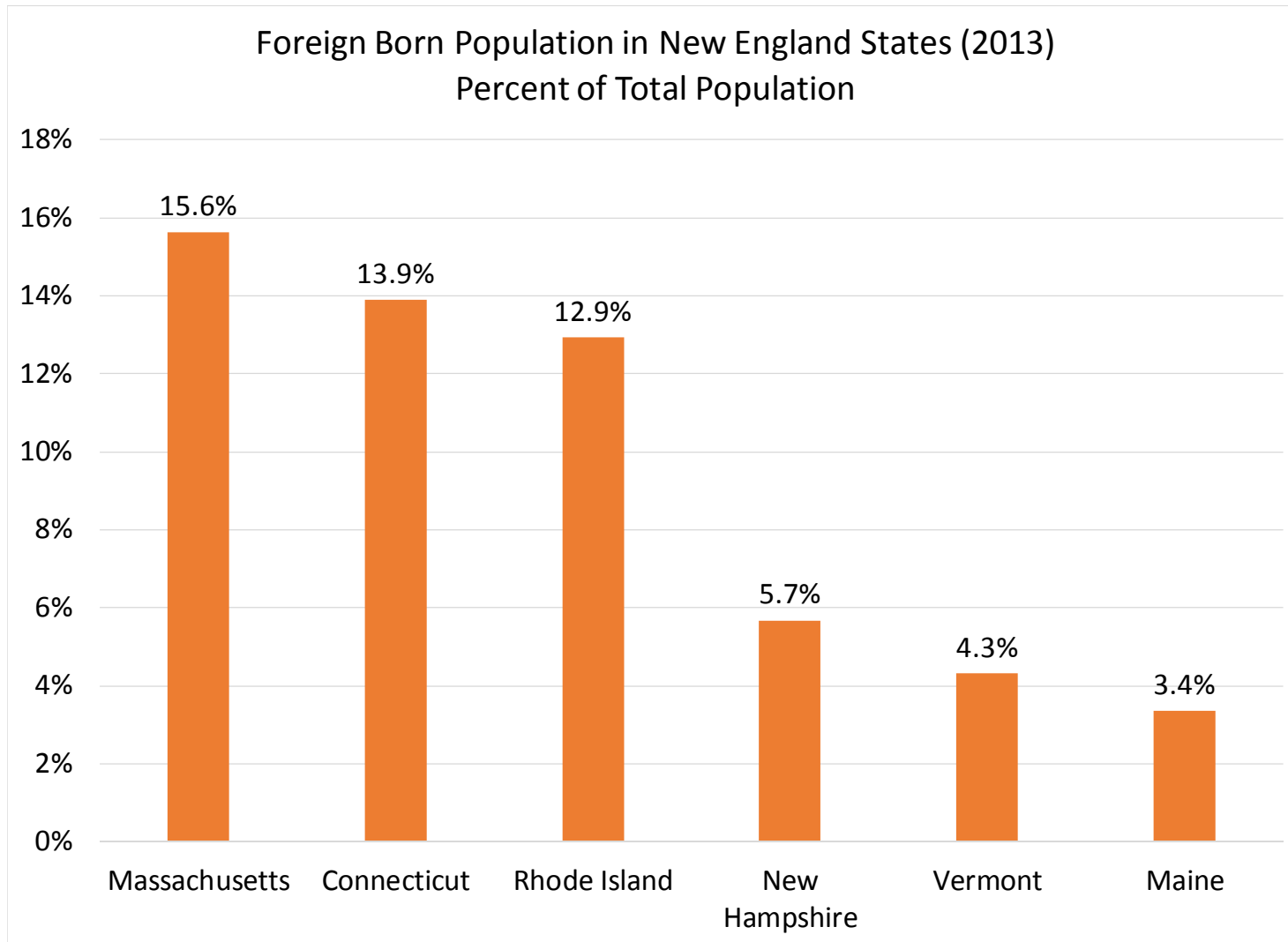
New Hampshire foreign born contribute to the New Hampshire economy as Employers.

- 5.7% of business owners in New Hampshire are immigrants
- \$252 million in annual business income generated by immigrant owned businesses in New Hampshire

New Hampshire foreign born students contribute to the New Hampshire economy.

- 2,912 International college students in New Hampshire contribute \$96.4 million to the local economy
 - \$78.8 million in tuition and fees
 - \$53 million in living expenses
 - Less \$37.3 million in U.S. funding
 - Equals \$96.4 million contribution minus U.S. support
- Source: NAFSA: Association of International Educators, The Economic Benefits of International Students to the U.S. Economy: Academic Year 2011-2012 (Washington, DC: 2012).

New Hampshire share of foreign born less than US, regional



New Hampshire share of foreign born less than US, regional

<u>2013 Foreign Born Population</u>					
2013 ACS, , B05501					
<u>Rank</u>	<u>State</u>	<u>Percentage</u>	<u>Foreign Born</u>	<u>Total Population</u>	
8	Massachusetts	15.6%	1,046,155	6,692,824	
12	Connecticut	13.9%	499,643	3,596,080	
15	Rhode Island	12.9%	135,972	1,051,511	
31	New Hampshire	5.7%	75,175	1,323,459	
39	Vermont	4.3%	27,012	626,630	
44	Maine	3.4%	44,687	1,328,302	
	New England	12.5%	1,828,644	14,618,806	
	United States	13.1%	41,348,066	316,128,839	

New Hampshire share of foreign born unchanged since 2005

2005 Foreign Born Population					
2005 ACS, , B05501					
<u>Rank</u>	<u>State</u>	<u>Percentage</u>	<u>Foreign Born</u>	<u>Total Population</u>	
9	Massachusetts	14.4%	891,184	6,182,860	
11	Rhode Island	12.6%	130,517	1,032,662	
12	Connecticut	12.5%	423,254	3,394,751	
26	New Hampshire	5.7%	72,480	1,272,486	
37	Vermont	3.6%	21,843	602,290	
41	Maine	3.0%	38,727	1,283,673	
	New England	11.5%	1,578,005	13,768,722	
	United States	12.4%	35,622,125	287,863,019	

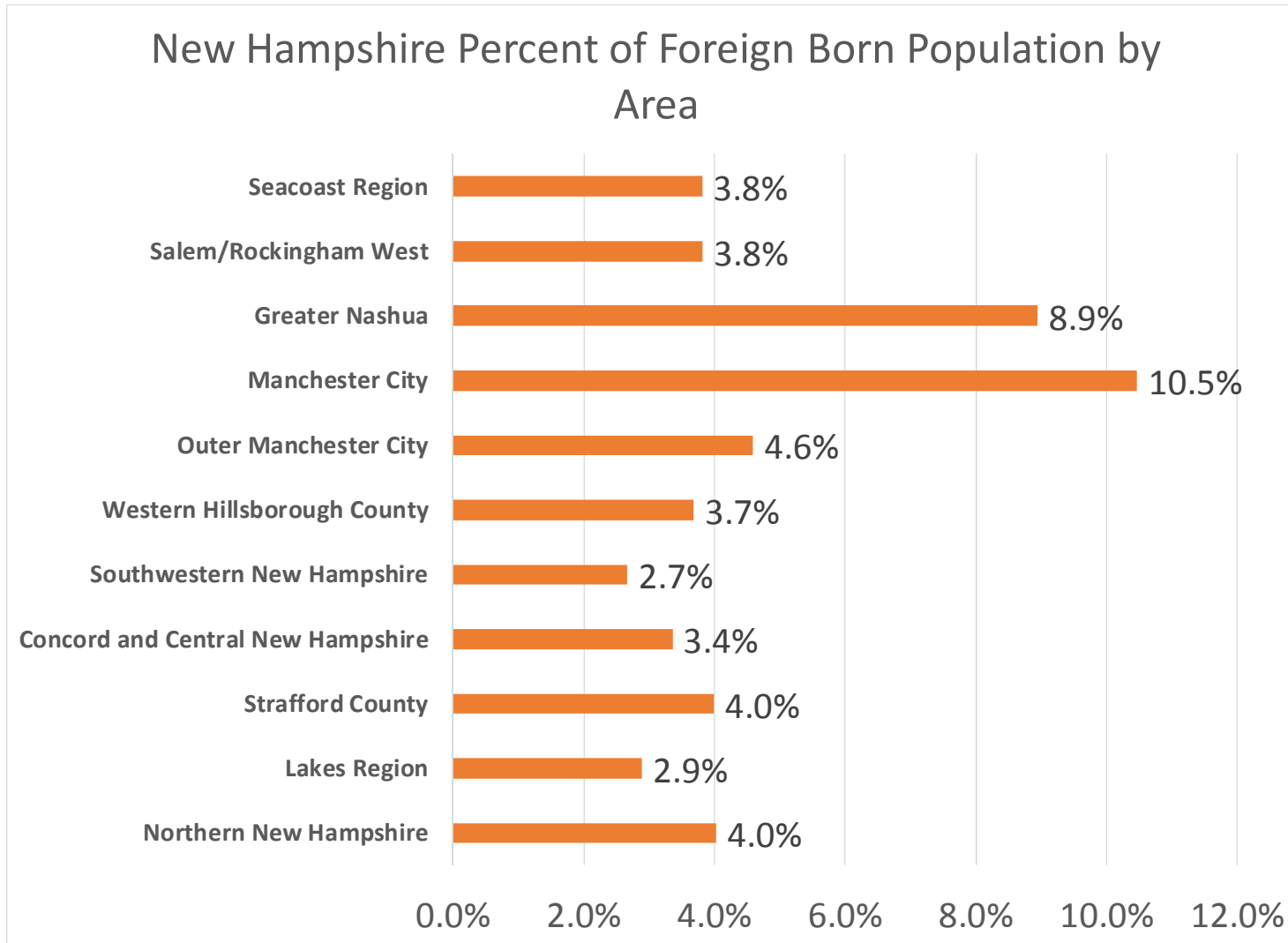
Every New England state experienced domestic outmigration, offset by foreign immigration in last four years

State Net Migration from 2010 to 2014				
Census Estimates			Net	2014
State/Region	Foreign Born	Domestic	Migration	Residents
Connecticut	69,991	-75,852	-5,861	3,596,677
Maine	5,517	-2,749	2,768	1,330,089
Massachusetts	151,731	-29,089	122,642	6,745,408
New Hampshire	8,137	-5,124	3,013	1,326,813
Rhode Island	17,656	-21,097	-3,441	1,055,173
Vermont	2,852	-4,505	-1,653	626,562
New England	255,884	-138,416	117,468	14,680,722
California	648,856	-189,282	459,574	38,802,500
New York	485,224	-486,850	-1,626	19,746,227
Texas	343,093	562,661	905,754	26,956,958

Hillsborough County Gained the Largest Number of Immigrants

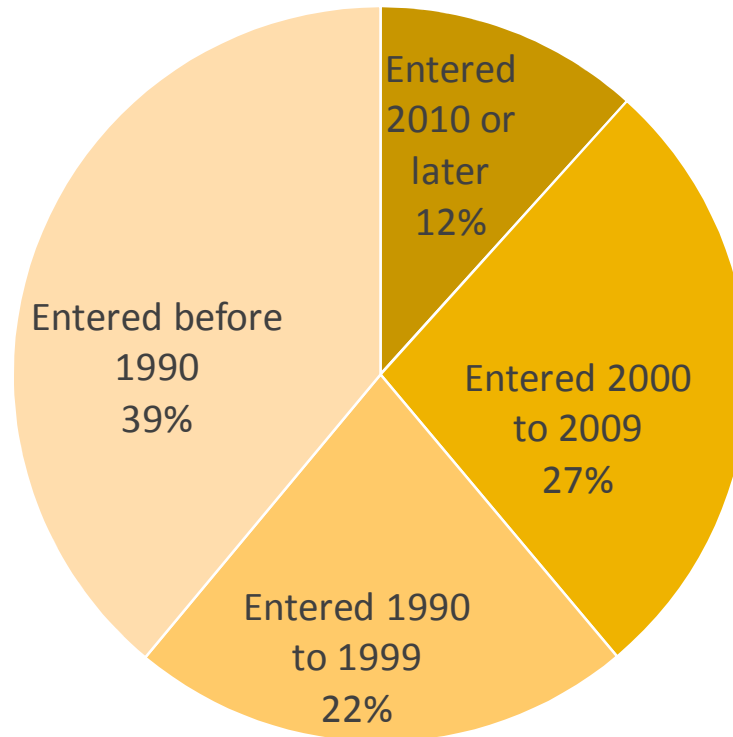
New Hampshire County Net Migration from 2010 to 2014				
Census Estimates			Net	2014
County	Foreign Born	Domestic	Migration	Residents
Belknap County, New Hampshire	293	292	585	60,305
Carroll County, New Hampshire	81	82	163	47,399
Cheshire County, New Hampshire	157	-1,193	-1,036	76,115
Coos County, New Hampshire	77	-799	-722	31,653
Grafton County, New Hampshire	1,105	-475	630	89,658
Hillsborough County, New Hampshire	4,075	-5,413	-1,338	405,184
Merrimack County, New Hampshire	871	-530	341	147,171
Rockingham County, New Hampshire	844	2,937	3,781	300,621
Strafford County, New Hampshire	531	505	1,036	125,604
Sullivan County, New Hampshire	103	-530	-427	43,103
	8,137	-5,124	3,013	1,326,813

Within New Hampshire foreign born concentrated in Manchester and Nashua

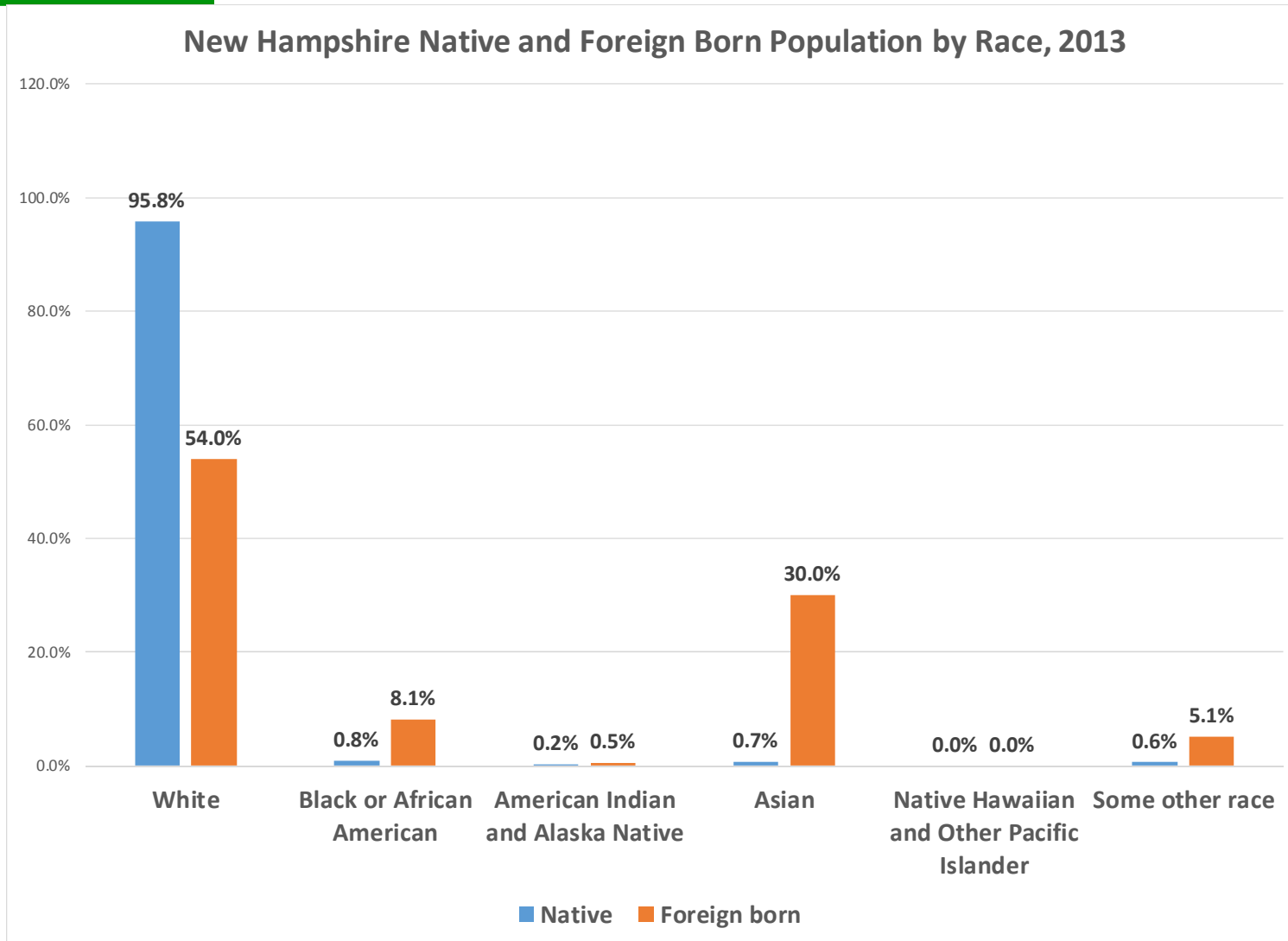


60% of New Hampshire foreign born entered after 1990

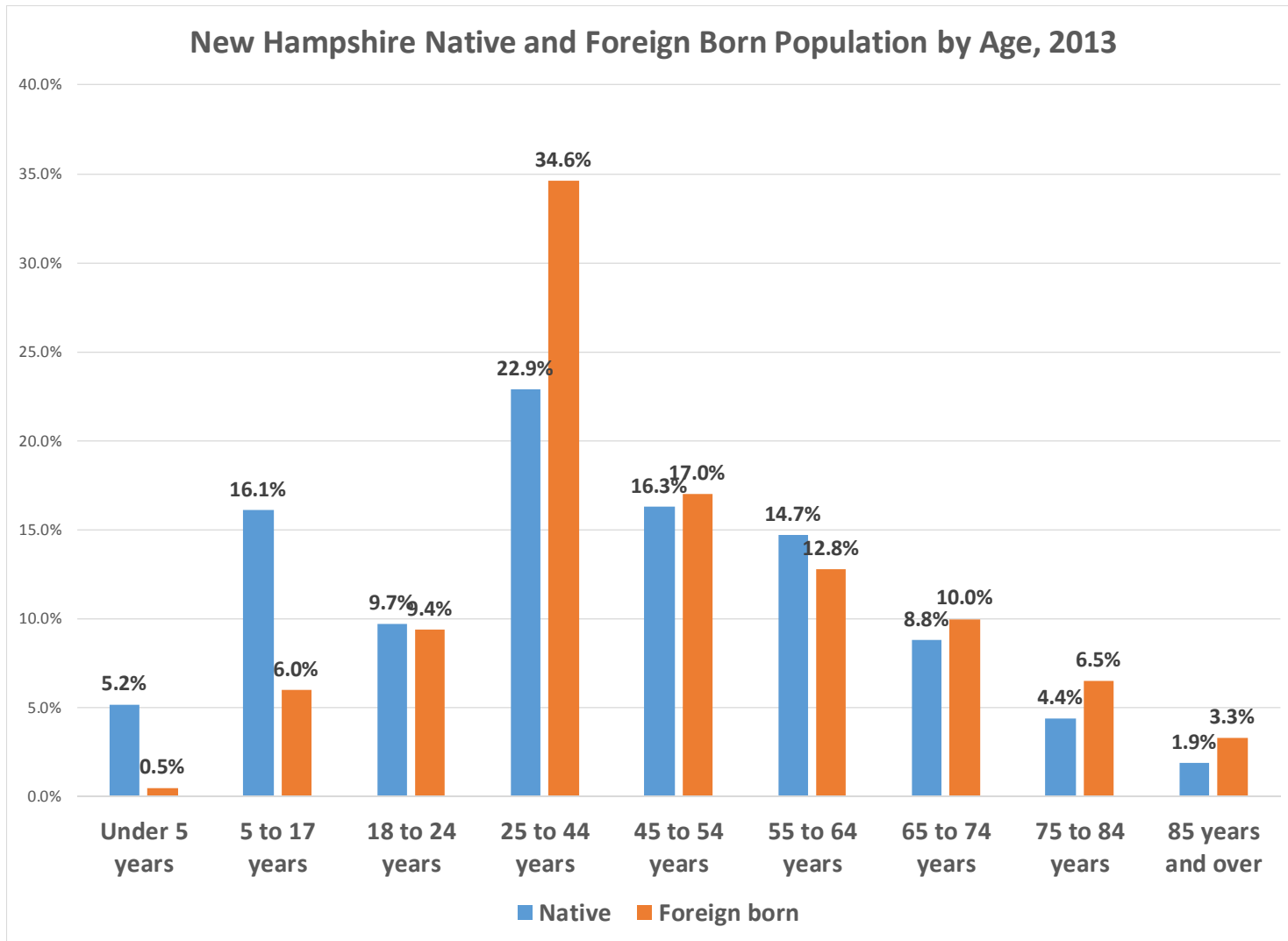
New Hampshire Foreign Born by When Entered the United States



Half of New Hampshire foreign born are white



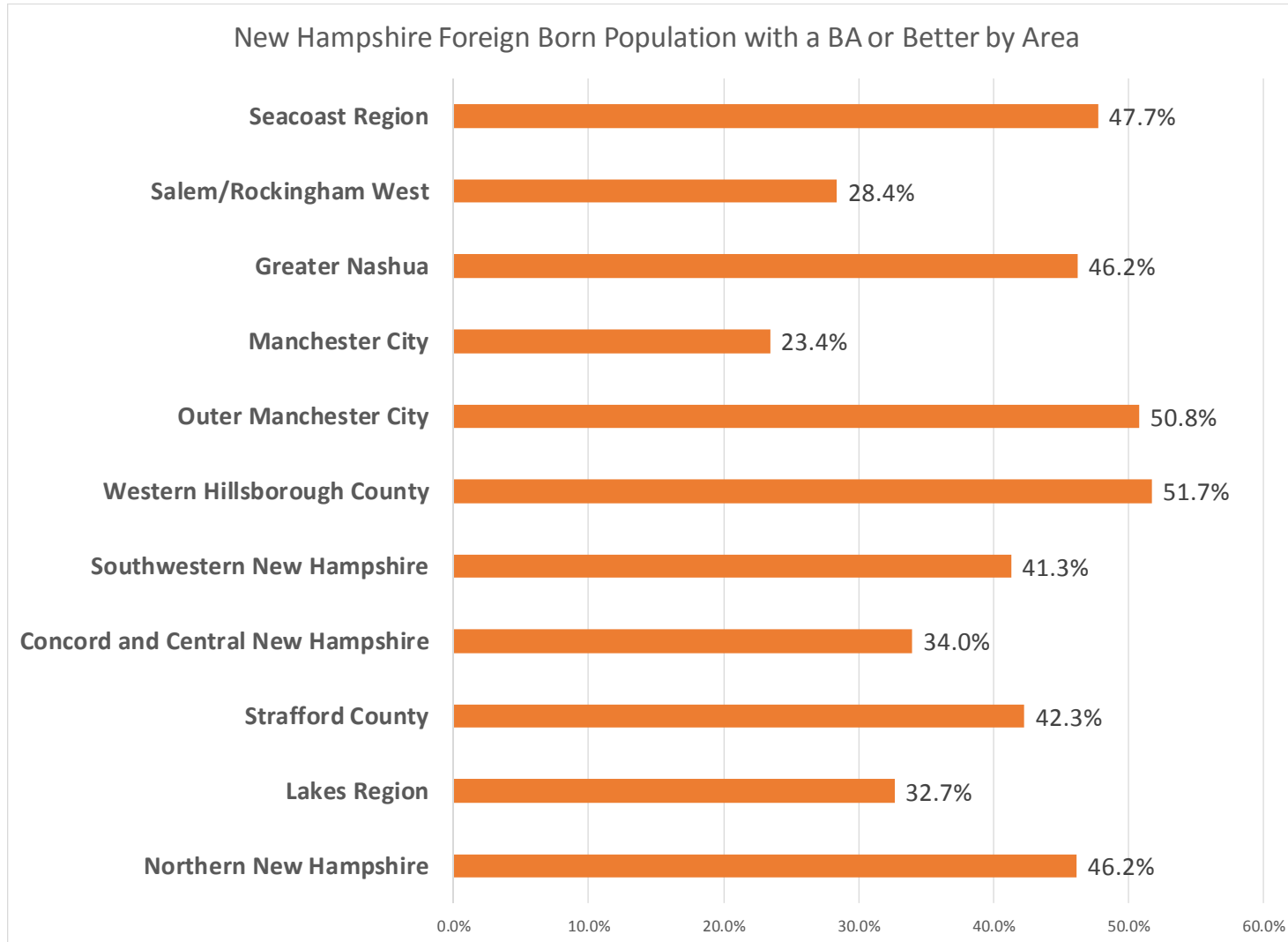
New Hampshire foreign born concentrated in prime working age



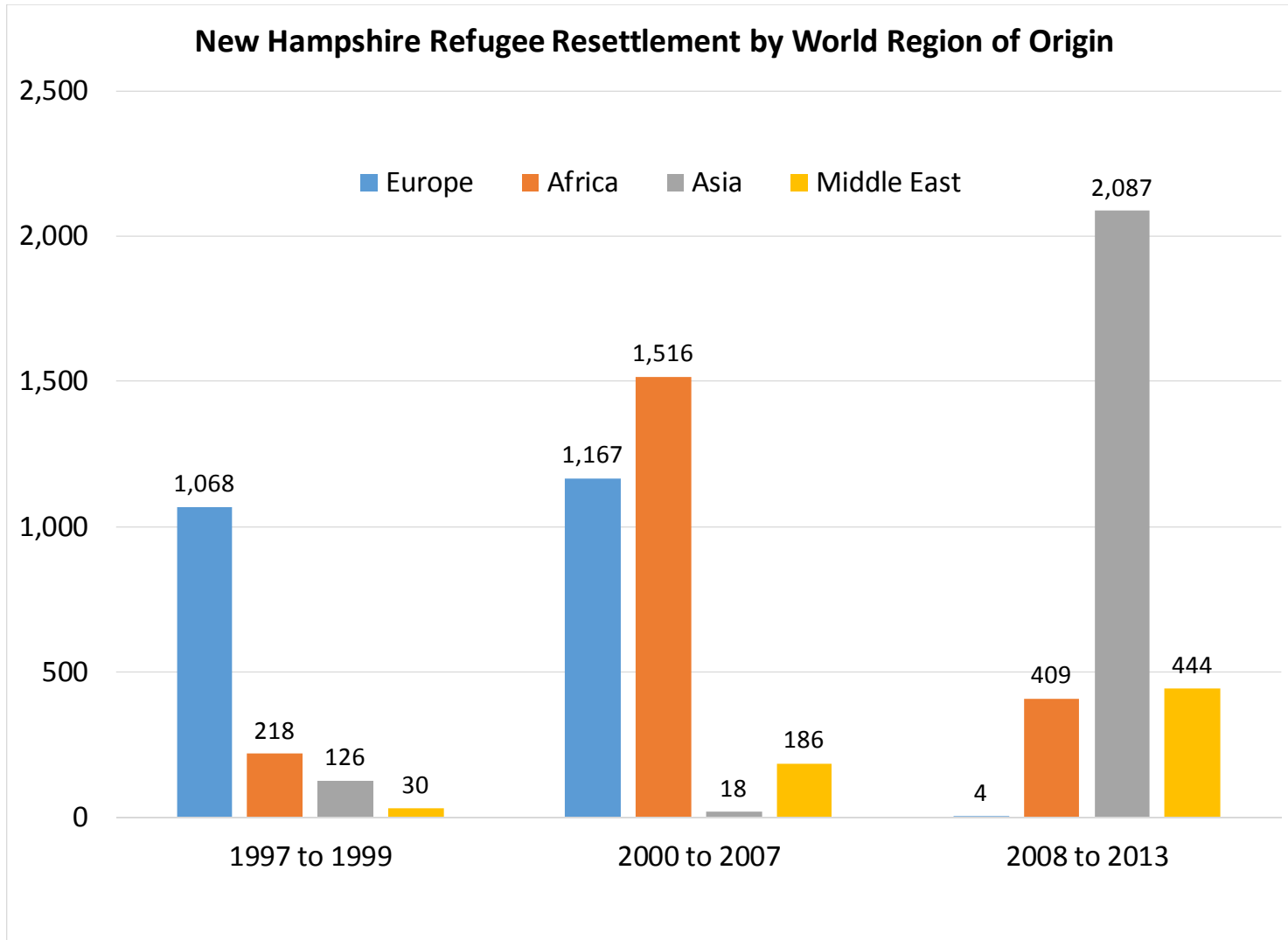
New Hampshire foreign born highly educated

<u>2013 Foreign Born with Bachelors Degree or Better</u>					
2013 ACS, , B06009		Foreign Born	Foreign Born		
<u>Rank</u>	<u>State</u>	<u>Percentage</u>	<u>BA or Better</u>	<u>Population 25 and Over</u>	
4	Vermont	41.5%	8,902	21,459	
9	New Hampshire	38.6%	24,395	63,196	
13	Massachusetts	35.6%	319,823	898,587	
14	Maine	35.0%	12,646	36,171	
16	Connecticut	33.6%	145,832	434,636	
43	Rhode Island	22.0%	25,460	115,548	
	New England	34.2%	537,058	1,569,597	

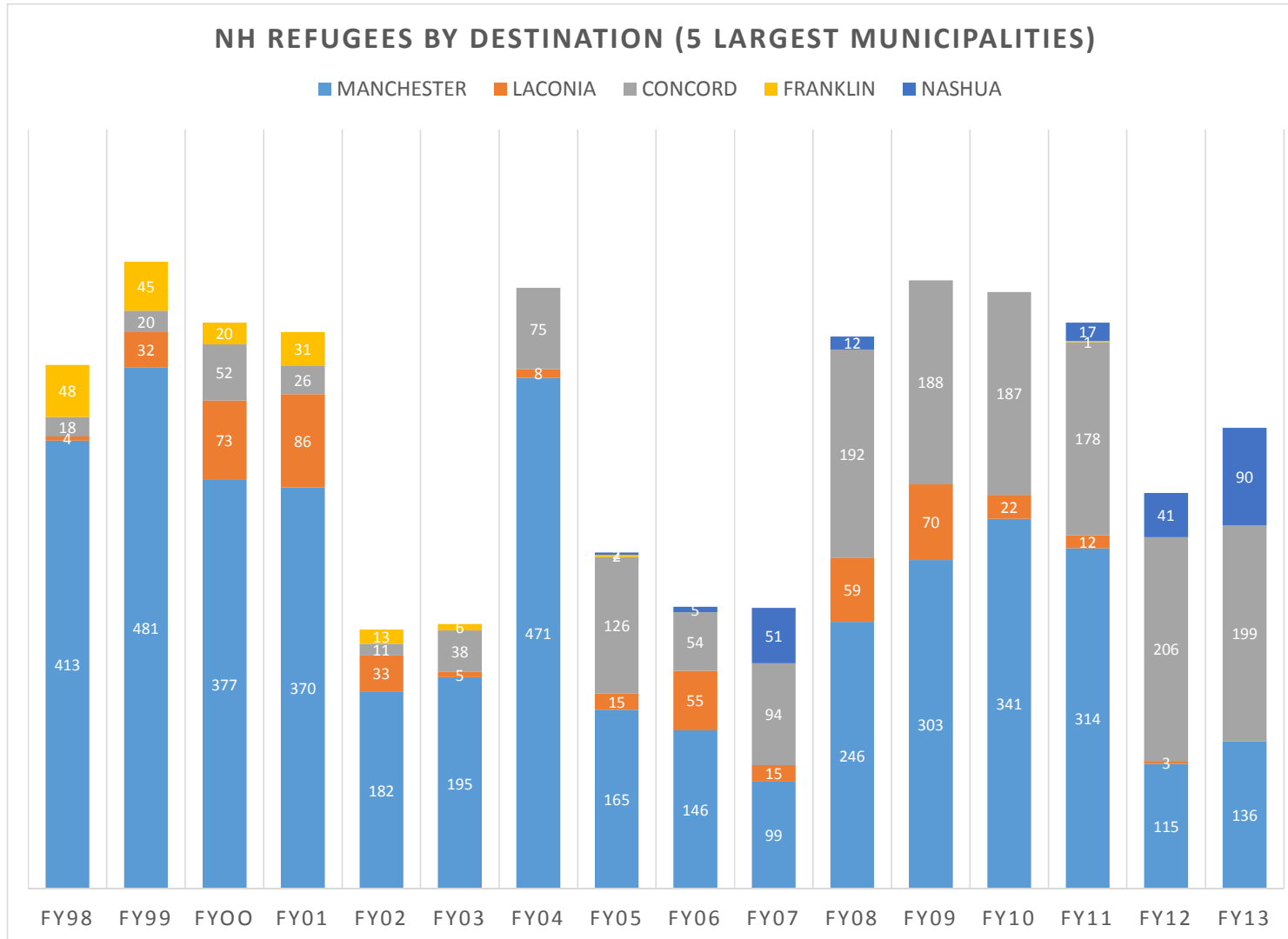
Lowest foreign born educational attainment in Manchester



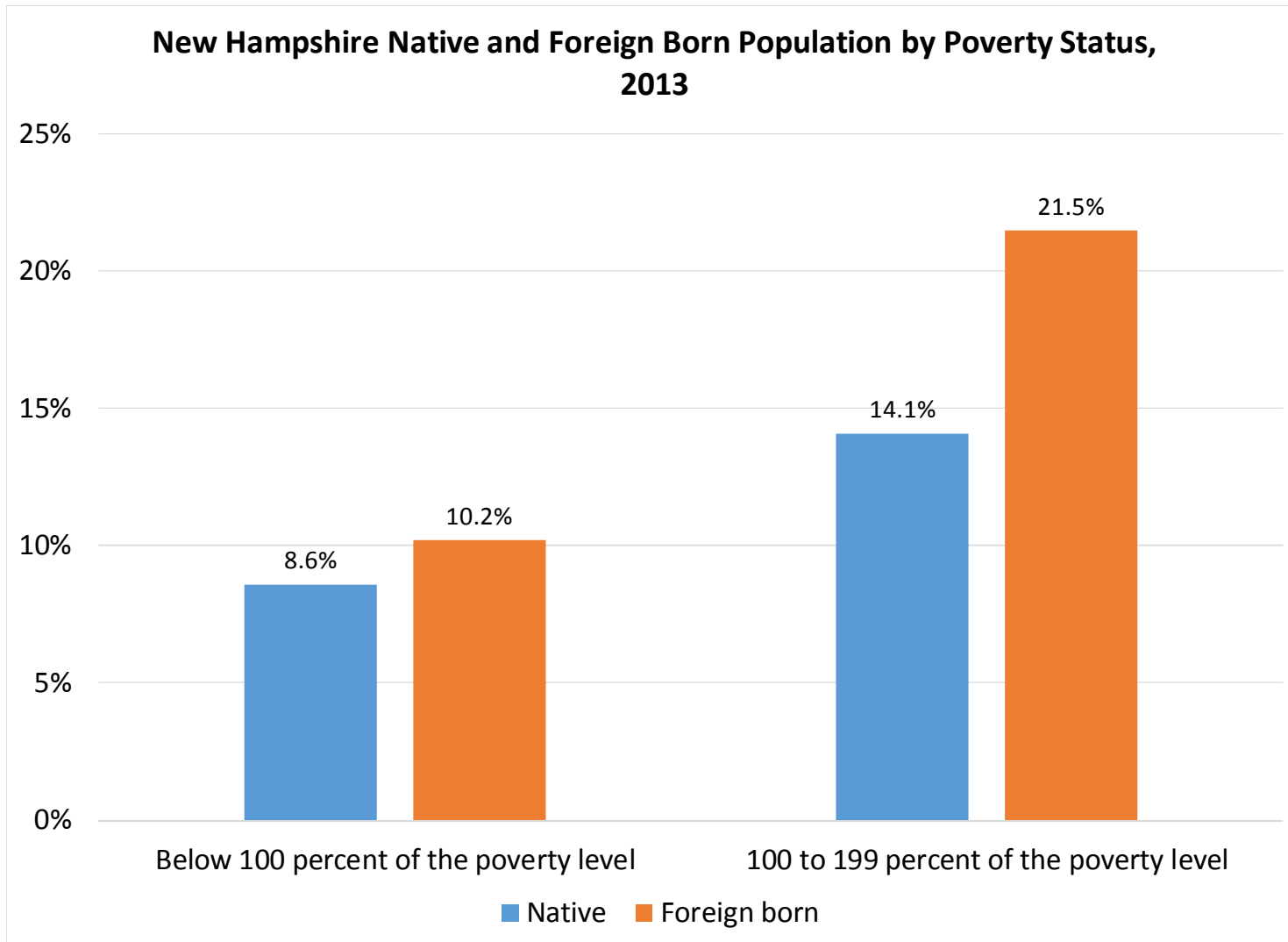
New Hampshire refugee origin differs over time



New Hampshire refugee destination also differs over time

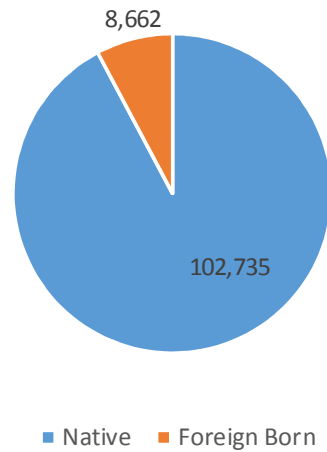


New Hampshire foreign born are more likely to be living close to the poverty threshold.

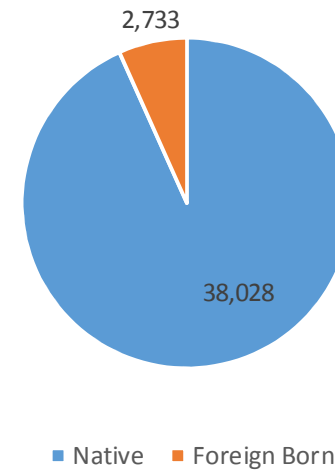


New Hampshire foreign born are still a small portion of the poor.

Number of New Hampshire Residents Below the Poverty Level

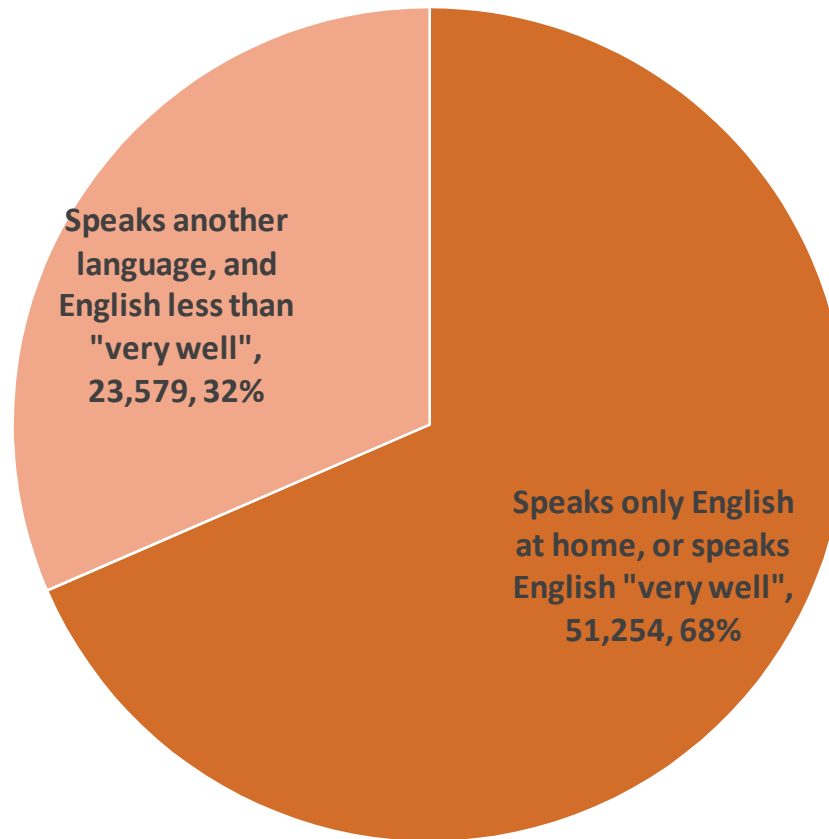


Number of New Hampshire Households Receiving Food Stamps/SNAP

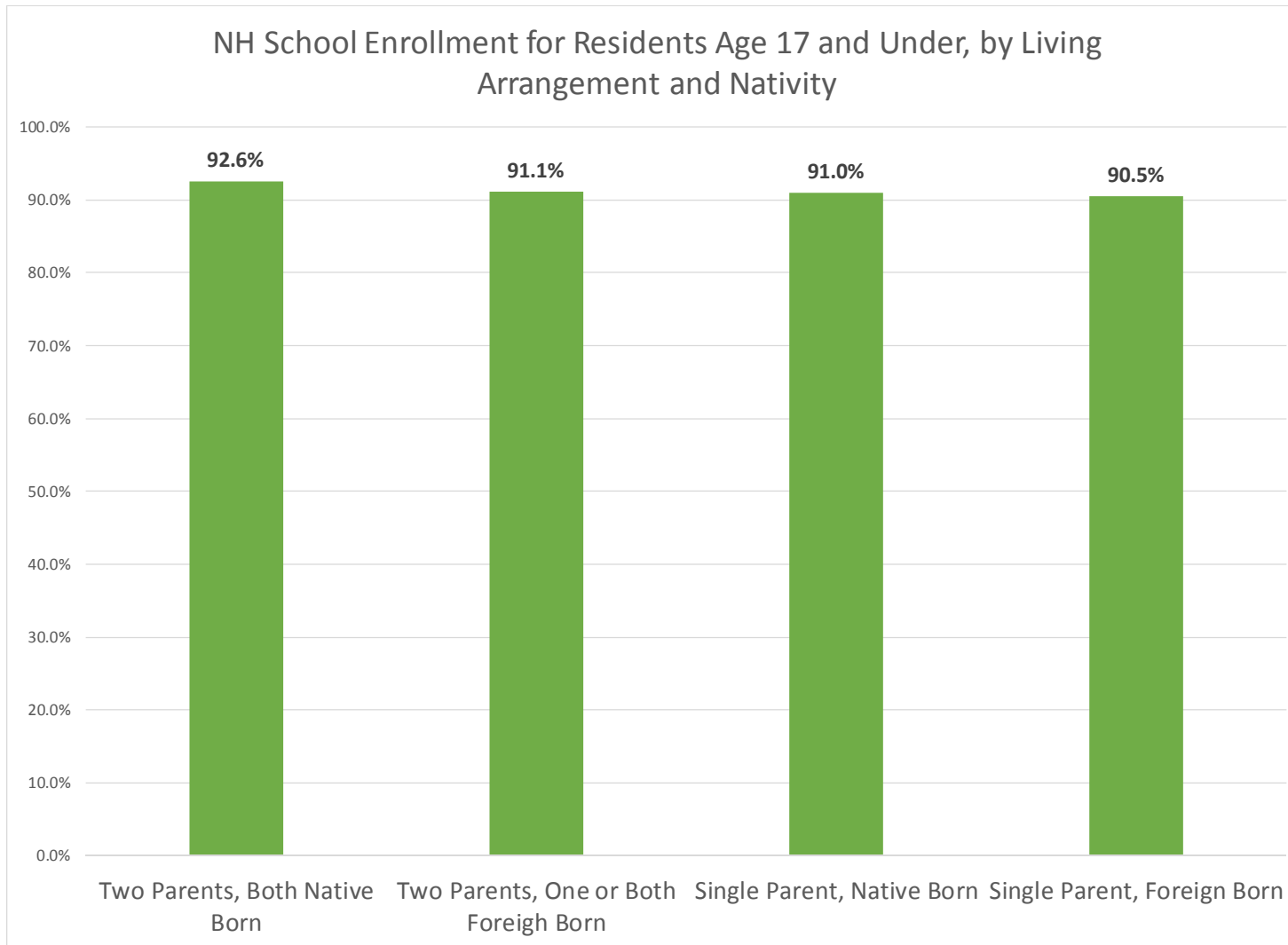


Most of New Hampshire foreign born speak English very well

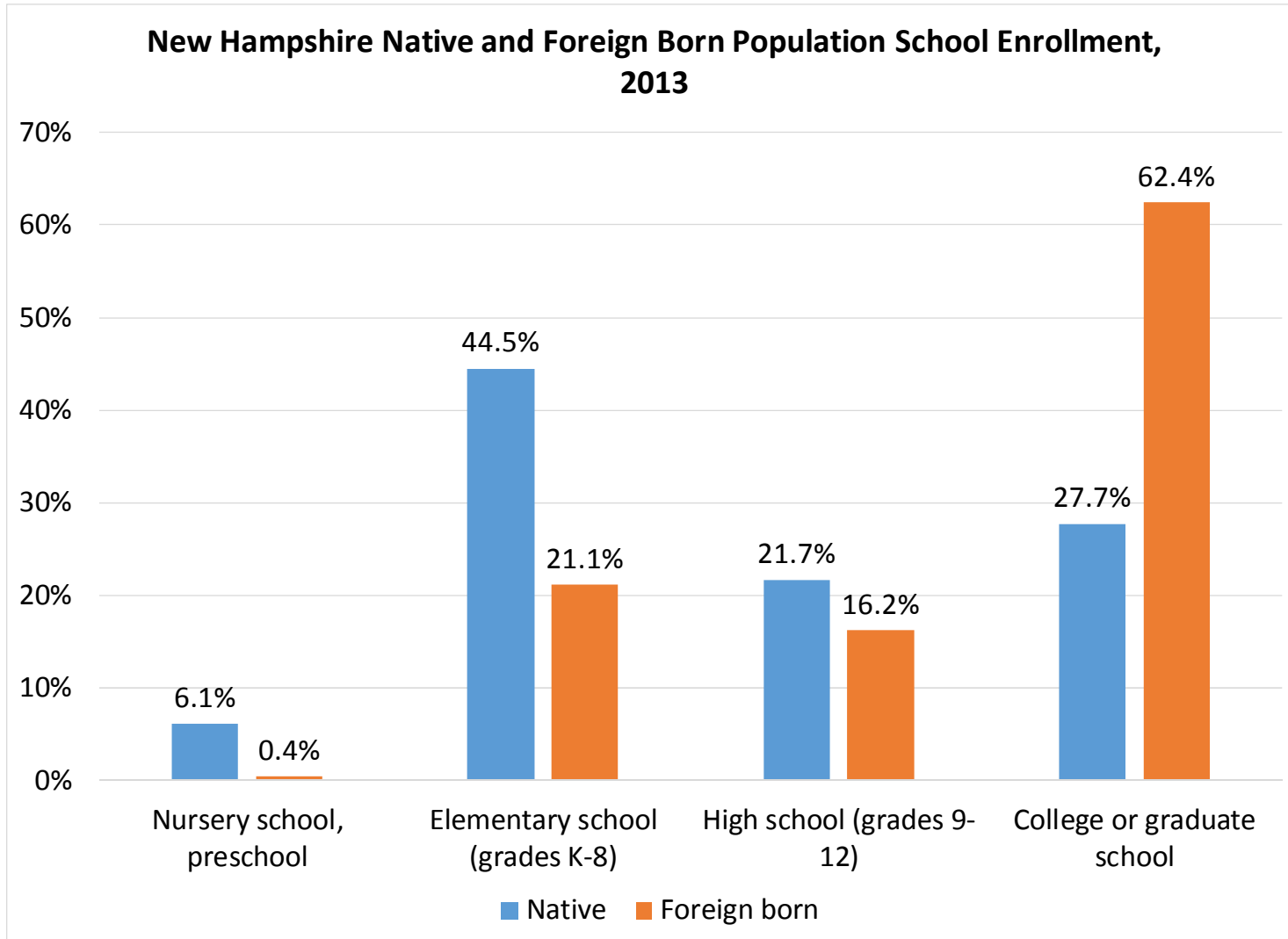
New Hampshire Foreign Born by Language Spoken at Home



No Difference in New Hampshire school enrollment for children of foreign born and native born



Two thirds of New Hampshire foreign born enrolled in college

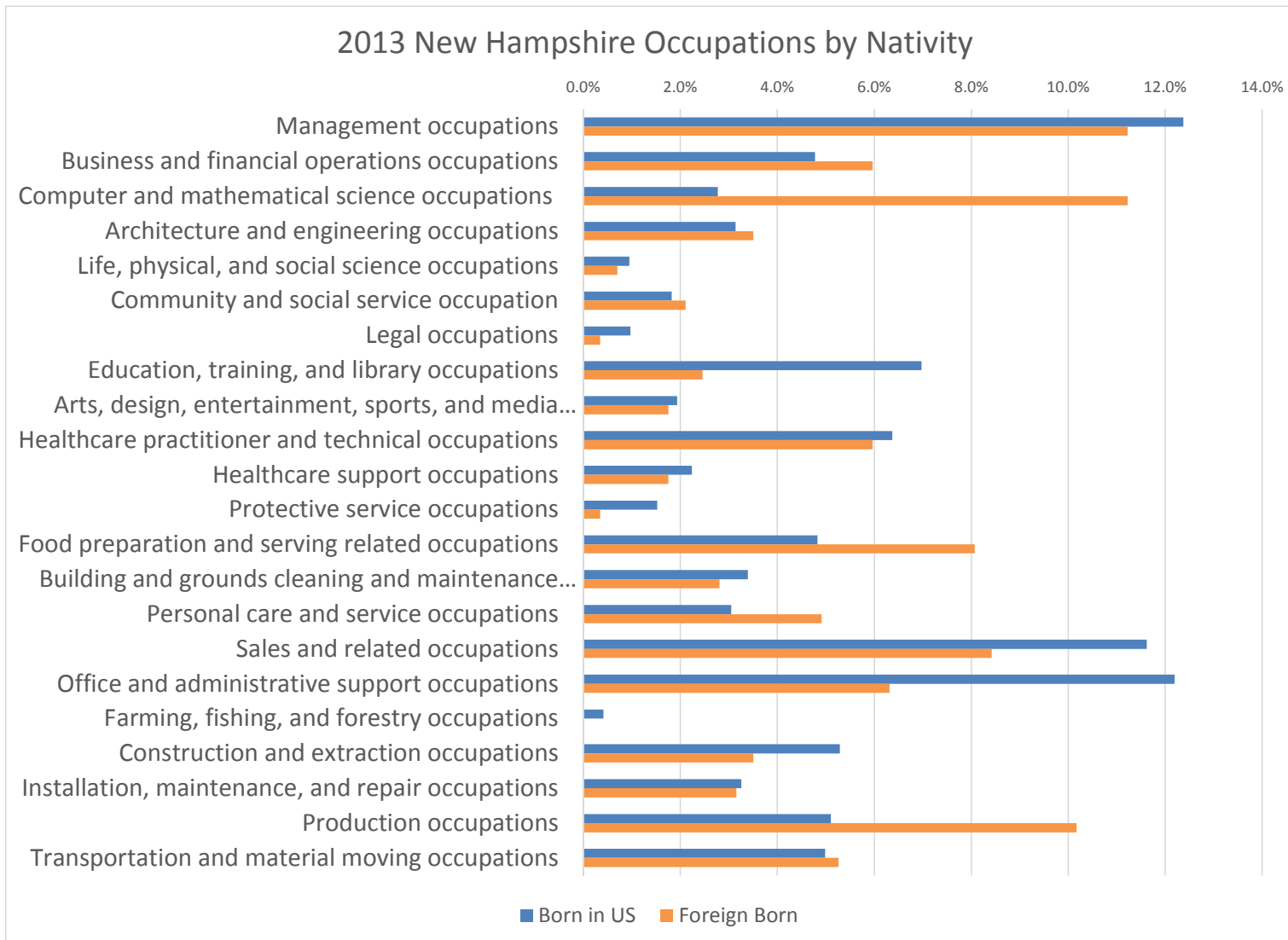




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Opportunities and Challenges

Foreign born hold skilled jobs.



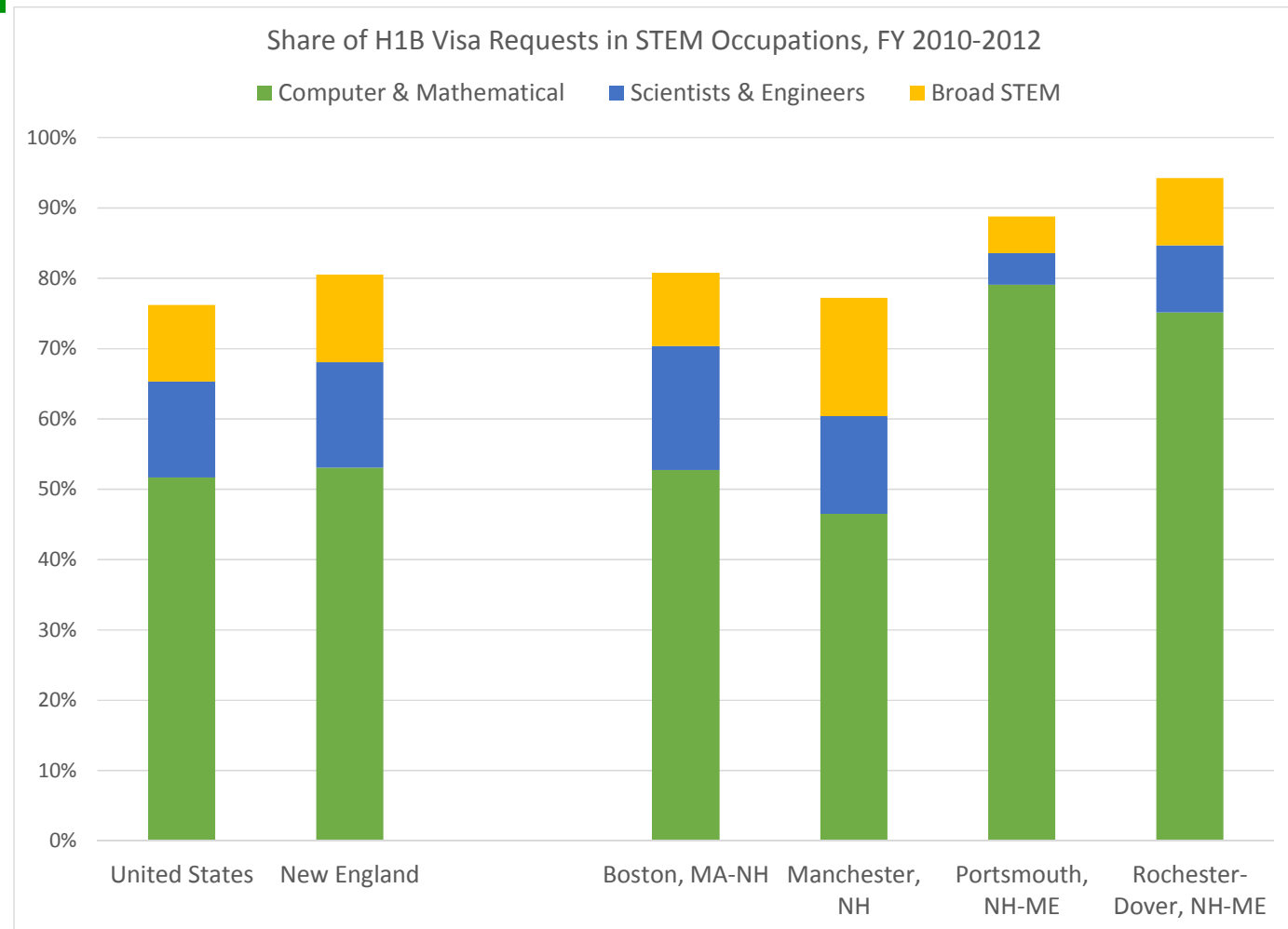
Foreign born hold skilled jobs.

	Born in US	Foreign Born	Ratio
<u>New Hampshire Occupations by Nativity, 2013</u>			
Management occupations	12.4%	11.2%	0.907
Business and financial operations occupations	4.8%	6.0%	1.248
Computer and mathematical science occupations	2.8%	11.2%	4.051
Architecture and engineering occupations	3.1%	3.5%	1.117
Life, physical, and social science occupations	0.9%	0.7%	0.741
Community and social service occupation	1.8%	2.1%	1.154
Legal occupations	1.0%	0.4%	0.362
Education, training, and library occupations	7.0%	2.5%	0.352
Arts, design, entertainment, sports, and media occupations	1.9%	1.8%	0.904
Healthcare practitioner and technical occupations	6.4%	6.0%	0.936
Healthcare support occupations	2.2%	1.8%	0.783
Protective service occupations	1.5%	0.4%	0.230
Food preparation and serving related occupations	4.8%	8.1%	1.672
Building and grounds cleaning and maintenance occupations	3.4%	2.8%	0.827
Personal care and service occupations	3.0%	4.9%	1.611
Sales and related occupations	11.6%	8.4%	0.725
Office and administrative support occupations	12.2%	6.3%	0.518
Farming, fishing, and forestry occupations	0.4%	0.0%	0.000
Construction and extraction occupations	5.3%	3.5%	0.663
Installation, maintenance, and repair occupations	3.3%	3.2%	0.970
Production occupations	5.1%	10.2%	1.994
Transportation and material moving occupations	5.0%	5.3%	1.055

The above chart shows the portion of employees in each industry sector by nativity. For example 11% of the foreign born employees working in New Hampshire firms are in computer and mathematical science occupations, compared to about 3% for native born New Hampshire employees.

Most H1B Visa requests related to STEM jobs.

Source: Demand for H-1B Visas in New England: An Analysis of Employer Requests for Highly Skilled Guest Workers, Fed Bank of Boston, October 2014



New Hampshire foreign born contribute to the New Hampshire economy.

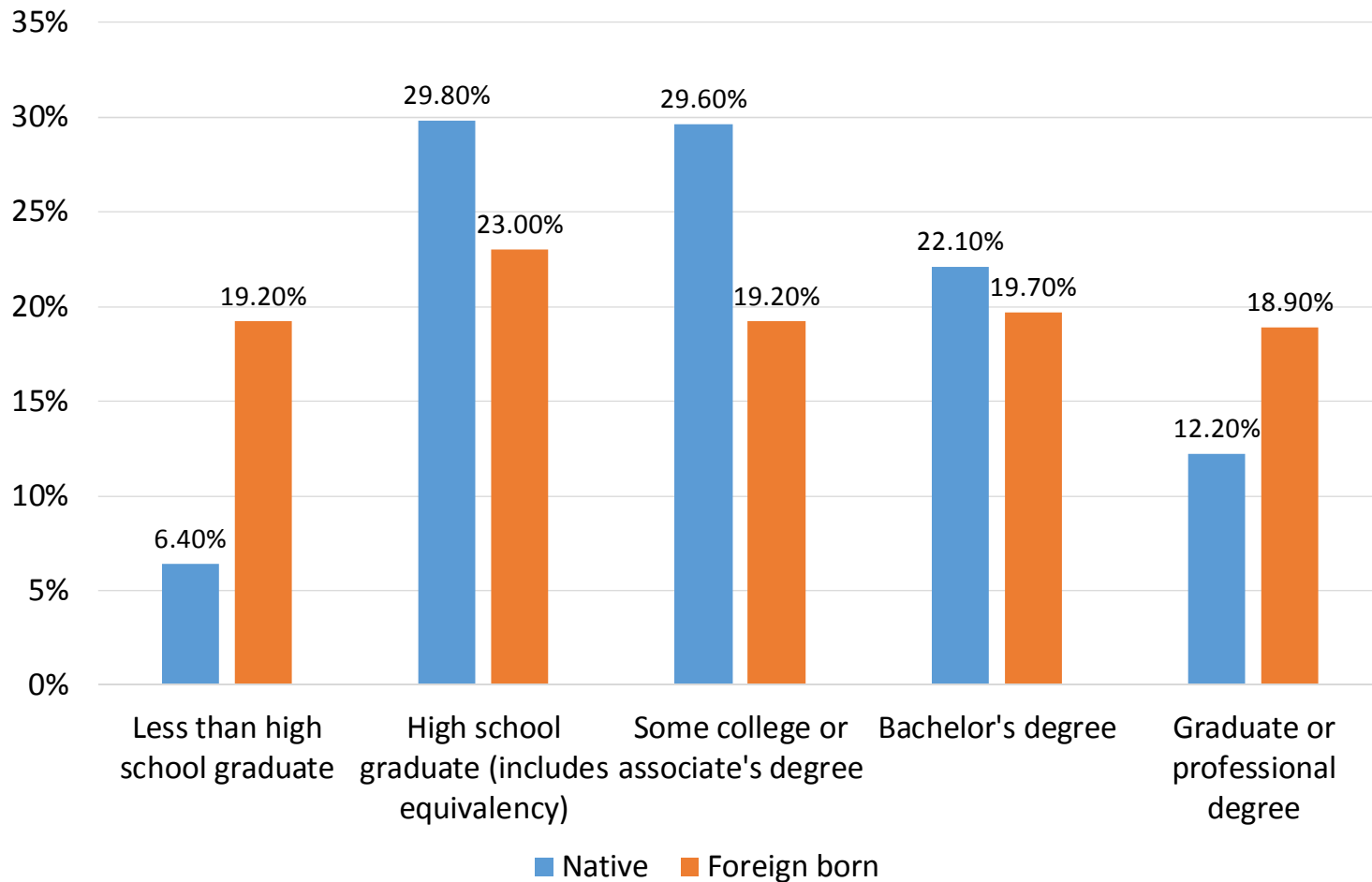
- In 2011, the U.S. Department of Labor certified 1,067 H-1B labor certification applications in New Hampshire, with an average annual wage of \$67,810, which is higher than both New Hampshire's median household income of \$64,925 and its per capita income of \$32,758.
- Source: Office of Foreign Labor Certification, Annual Report: October 1, 2010 – September 30, 2011 (Washington, DC: U.S. Department of Labor, 2012).

National Research on Foreign Born Business
Owners

- Despite accounting for 13% of the population, immigrants start one quarter of the new businesses in the US.
- Immigrant founders started 52% of all new Silicon Valley companies between 1995 and 2005.
- 21% of INC. 500 CEOs are foreign born.
- Source: INC. Magazine, “The Most Entrepreneurial Group in America Wasn’t Born in America”.

Immigration reduces labor shortages in high and low skill areas.

New Hampshire Native and Foreign Born Population Over 25 by Educational Attainment, 2013



Economic implications of foreign born persons and their children in New Hampshire

- Immigrants increase economic efficiency by reducing labor shortages in low- and high-skilled markets because their educational backgrounds fill holes in the native-born labor market.
- Immigrants educational backgrounds typically complement, rather than displace, the skills of the native-born labor market.
- THE ECONOMIC BENEFITS OF IMMIGRATION, Diana Furchtgott-Roth, Senior Fellow, Manhattan Institute for Policy Research, February 2013



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