New Hampshire’s Vulnerable Families in the Post-Recession Economy

Presented by Phil Sletten, Policy Analyst

New Hampshire Municipal Association Annual Conference
Manchester, New Hampshire
November 15, 2018
Changes in Real Gross Domestic Product

New Hampshire, the Rest of New England, and the United States, Inflation-Adjusted

- New Hampshire
- United States
- New England (remainder)

Note: 2017 data are preliminary, 2014-2016 figures revised. Inflation adjustment is 2009 chained dollars.
Source: U.S. Bureau of Economic Analysis
<table>
<thead>
<tr>
<th>State</th>
<th>Estimated Gini Index</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Highest Estimated Inequality</strong></td>
<td></td>
</tr>
<tr>
<td>New York</td>
<td>0.516</td>
</tr>
<tr>
<td>Connecticut</td>
<td>0.494</td>
</tr>
<tr>
<td>Louisiana</td>
<td>0.494</td>
</tr>
<tr>
<td>California</td>
<td>0.487</td>
</tr>
<tr>
<td>Florida</td>
<td>0.486</td>
</tr>
<tr>
<td><strong>United States</strong></td>
<td>0.482</td>
</tr>
<tr>
<td><strong>Lowest Estimated Inequality</strong></td>
<td></td>
</tr>
<tr>
<td>New Hampshire</td>
<td>0.439</td>
</tr>
<tr>
<td>Iowa</td>
<td>0.438</td>
</tr>
<tr>
<td>Wyoming</td>
<td>0.433</td>
</tr>
<tr>
<td>Alaska</td>
<td>0.424</td>
</tr>
<tr>
<td>Utah</td>
<td>0.423</td>
</tr>
</tbody>
</table>

Source: U.S. Census Bureau, 2017 American Community Survey
New Hampshire Households by Income Group

Source: U.S. Census Bureau, American Community Survey, 2017 Data
Note: Calculated for 528,700 Households; Label Figures are Midpoint Estimates

- 4.2% Less Than $10,000
- 3.1% $10,000 to $14,999
- 7.6% $15,000 to $24,999
- 8.1% $25,000 to $34,999
- 10.4% $35,000 to $49,999
- 17.5% $50,000 to $74,999
- 14.0% $75,000 to $99,999
- 18.4% $100,000 to $149,999
- 8.4% $150,000 to $199,999
- 8.3% $200,000 or More

New Hampshire Fiscal Policy Institute
New Hampshire Inflation-Adjusted Wages by Relative Income

Selected Income Deciles, Indexed to 2005, Includes All Income from Work

Indexed Wages, 2005 = 100

Year


- 10th percentile
- 20th percentile
- 50th percentile (Median)
- 80th percentile
- 90th percentile
New Hampshire Labor Force

Monthly Estimates on State Level, Seasonally-Adjusted

Note: 2018 data (blue) are not yet benchmarked.

Note: Estimates based on modeling from several different surveys, historical data, and state unemployment insurance systems.
Other National Research:

- In 2013, bottom quintile of income earners had nine days of liquid savings, second quintile had 15 days of liquid savings (cash/checking/savings)
- About 55% of households could not replace one month of income in 2013 with liquid savings
  

- About 53% of households with incomes below $25,000 experienced a 25 percent change in monthly income in 2014-2015
- In 2014, 55% of households reported spending as much as they made or more each month


- In a 2009 survey, about 28% of U.S. respondents would certainly not be able to come up with $2,000 in 30 days, another 22% reported probably not able; higher inability for low-income households

Median Rental Costs and Vacancy Rates in New Hampshire

Median Monthly Gross Rent for Two-Bedroom Apartments and All Units,
Two-Bedroom Apartment Statewide Vacancy Rate

Source: New Hampshire Housing Finance Authority, 2017 Residential Rental Cost Survey and Housing Market Report June 2018

- Two-Bedroom Vacancy Rate
- Two-Bedroom Median Gross Rent
- All Units Median Gross Rent
30 Percent of Household Income Indicator of Rental Cost Burden

Incomes Are Generally Lower for Renters in New Hampshire

- Median Household Income for Owner-Occupied Units, 2017: $91,456 (+/−$1,903, 90% CI)
- Median Household Income for Renter-Occupied Units, 2017: $41,868 (+/−$2,093, 90% CI)

Rents are Higher in the Southeastern Counties

- Two-Bedroom Apartments, Median Rent by County:
  - Rockingham: $1,456
  - Hillsborough: $1,368
  - Sullivan: $971
  - Coos: $861

Rent as Estimated Percent of Household Income
For All New Hampshire Renter Households, Gross Rent Including Utilities
Source: U.S. Census Bureau, American Community Survey, 2017 One-Year Estimates

- Less than 20 Percent, Approximately 26%
- 20-30 Percent, Approximately 27%
- More than 30 Percent, Approximately 47%

Source: New Hampshire Housing Finance Authority, 2018 New Hampshire Residential Rental Cost Survey, June 2018
New Hampshire Home Inventory by Price

*Multiple Listing Services Home Listings by Price, Twelve-Month Rolling Average*

Thousands of Homes Listed

- Orange line: Listings Less Than $300,000
- Blue line: Listings Greater Than $300,000

Month and Year

Source: New Hampshire Housing Finance Authority, based on information from the Northern New England Real Estate Network
### Food Insecurity

#### Households by Time Period and Geography

<table>
<thead>
<tr>
<th>Time Period</th>
<th>Percent of Households</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005-2007</td>
<td>11.0%</td>
</tr>
<tr>
<td>2012-2014</td>
<td>10.0%</td>
</tr>
<tr>
<td>2015-2017</td>
<td>9.4%</td>
</tr>
</tbody>
</table>

#### Three-year Average

Source: U.S. Department of Agriculture, Household Food Security in the United States in 2017

- United States
- New Hampshire

### Food Stamp Program Recipients by Age

New Hampshire, as of April 30, 2018

Source: New Hampshire Department of Health and Human Services, April 2018 Snapshot Report

- 18-59 years, 48.3%
- 6-12 years, 16.7%
- 13-17 years, 9.0%
- 0-5 years, 13.9%
- 65+ years, 7.8%
- 60-64 years, 4.3%
New Hampshire Food Stamp Program Recipients
Supplemental Nutrition Assistance Program (SNAP) Recipients in the State

Thousands of Individual Recipients

Year, Month of January Snapshot

Note: Enrollment figures do not hold policy changes constant.
Sources: N.H. Department of Health and Human Services, Division of Family Assistance, Data Provided March 2017; N.H. Department of Health and Human Services, Caseload Report, January 2018
Free and Reduced-Price School Lunch Eligibility

Number of New Hampshire Students Identified and Reported as Eligible, Grades 1-12

Source: New Hampshire Department of Education, Free/Reduced School Lunch Eligibility Reports
New Hampshire Population Change Estimates by Age

Estimated Change in Population by Age Group, 2010 to 2017

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Change in Number of People, 2010 to 2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Under 18 Years</td>
<td>-25,000</td>
</tr>
<tr>
<td>18 to 44 Years</td>
<td>-1500</td>
</tr>
<tr>
<td>45 to 64 Years</td>
<td>-10,000</td>
</tr>
<tr>
<td>65 to 84 Years</td>
<td>50,000</td>
</tr>
<tr>
<td>85 Years and Over</td>
<td>2000</td>
</tr>
</tbody>
</table>

Source: U.S. Census Bureau Population Estimates Program; Estimates for July 1 of 2010 and 2017
New Hampshire Population Projections
By Years of Age - Aged 60 Years and Older

Source: September 2016 Projections from the New Hampshire Office of Energy and Planning
New Hampshire Poverty Rates

*Overall, Child, and Senior Poverty Estimates Over Time*

- **Poverty Rate - Under Age 18**
- **Poverty Rate - Over Age 64**
- **Overall Poverty Rate**

**Percent in Poverty**

- Estimated 25,909 under age 18
- Estimated 99,966 total
- Estimated 13,126 over age 64

**Year of Data Collection**

Note: Measured as a percentage of the population for whom poverty status could be determined

Source: U.S. Census Bureau, American Community Survey One-Year Estimates
<table>
<thead>
<tr>
<th>Selected Family Units</th>
<th>Poverty Thresholds (2017)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single person, under age 65</td>
<td>$12,752</td>
</tr>
<tr>
<td>Single person, aged 65 and over</td>
<td>$11,756</td>
</tr>
<tr>
<td>Couple, householder under age 65</td>
<td>$16,414</td>
</tr>
<tr>
<td>Couple, householder aged 65 and older</td>
<td>$14,816</td>
</tr>
<tr>
<td>Single person under 65 with one child</td>
<td>$16,895</td>
</tr>
<tr>
<td>Couple with one child</td>
<td>$19,730</td>
</tr>
<tr>
<td>Single person with two children</td>
<td>$19,749</td>
</tr>
<tr>
<td>Couple under 65 with two children</td>
<td>$24,944</td>
</tr>
</tbody>
</table>

Source: U.S. Census Bureau
More than 80 percent falls into six categories (national data):

- Housing (largest)
- Food
- Transportation
- Health Care
- Insurance and pensions
- Entertainment


Categories included in the Massachusetts Institute of Technology’s Living Wage Calculator:

- Food
- Child Care
- Medical
- Housing
- Transportation
- Other Necessities
- Taxes


Categories included in the Economic Policy Institute’s Family Budget Calculator:

- Food
- Child Care
- Health Care
- Housing
- Transportation
- Other Necessities
- Taxes

Source: Economic Policy Institute, *Family Budget Calculator*
Percent of New Hampshire Population Relative to Poverty Status

Measured as a Percentage of the Federal Poverty Level, Survey Estimates

Source: U.S. Census Bureau, American Community Survey, One-Year Estimates
Note: Measured as a percentage of the population for whom poverty status could be determined
New Hampshire Fiscal Policy Institute

New Hampshire Poverty Rate by Group
2017 American Community Survey Data with Margins of Error

<table>
<thead>
<tr>
<th>Group</th>
<th>Estimated Poverty Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall</td>
<td>10%</td>
</tr>
<tr>
<td>Female</td>
<td>5%</td>
</tr>
<tr>
<td>Age 25+, Less Than High School Degree</td>
<td>15%</td>
</tr>
<tr>
<td>Age 25+, High School Degree or Equivalent</td>
<td>10%</td>
</tr>
<tr>
<td>Age 25+, Some College or Associate's Degree</td>
<td>12%</td>
</tr>
<tr>
<td>Age 25+, Bachelor's Degree or Higher</td>
<td>8%</td>
</tr>
<tr>
<td>With Any Disability</td>
<td>14%</td>
</tr>
<tr>
<td>Female Householder, No Married Partner Present</td>
<td>20%</td>
</tr>
<tr>
<td>Worked Full-Time, Year-Round</td>
<td>6%</td>
</tr>
<tr>
<td>Worked Less Than Full-Time, Year-Round</td>
<td>8%</td>
</tr>
<tr>
<td>Did Not Work</td>
<td>22%</td>
</tr>
</tbody>
</table>

Note: Margins of Error represent 90 percent confidence intervals
Source: U.S. Census Bureau, American Community Survey One-Year Estimates, 2017
Job Growth and Wages in Highest Growth Sectors

New Hampshire Private Employment Gains of 1,000 or More Between 2008 and 2016, 2016 Wages

Private Employment Additions, 2008-2016

- Health Care and Social Assistance: 8,000
- Administrative and Waste Services: 7,000
- Accommodation and Food Services: 5,000
- Professional and Technical Services: 4,000
- Educational Services: 3,000
- Transportation and Warehousing: 2,000
- Finance and Insurance: 2,000
- Average Weekly Wage, 2016: $2,000

Employment Sector

Source: Covered Employment and Wages, Economic and Labor Market Information Bureau, New Hampshire Employment Security

- Employment Growth by Sector (2008-2016)
- Weekly Wage by Sector (2016)
Median Household Income and Poverty by County
2012 Through 2016 American Community Survey Data With Margins of Error

New Hampshire County
Note: Margins of Error represent 90 percent confidence intervals
Source: U.S. Census Bureau, American Community Survey Five-Year Estimates, 2012-2016

- Median Household Income
- Poverty Rate

New Hampshire Fiscal Policy Institute
Changes in Number of Jobs by County

Rolling Average of Four Quarterly Averages of Job Counts by New Hampshire County, Indexed to the Fourth Quarter of 2009

Indexed Average Number of Jobs, Q4 2009 = 100

Last Quarter of Four-Quarter Rolling Average

### Wages by New Hampshire County

**2017 Average Weekly Wages, Average of Quarterly Averages**

<table>
<thead>
<tr>
<th>Geography of Workplace</th>
<th>Average Weekly Wage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Belknap</td>
<td>$823</td>
</tr>
<tr>
<td>Carroll</td>
<td>$699</td>
</tr>
<tr>
<td>Cheshire</td>
<td>$867</td>
</tr>
<tr>
<td>Coos</td>
<td>$730</td>
</tr>
<tr>
<td>Grafton</td>
<td>$1,080</td>
</tr>
<tr>
<td>Hillsborough</td>
<td>$1,147</td>
</tr>
<tr>
<td>Merrimack</td>
<td>$980</td>
</tr>
<tr>
<td>Rockingham</td>
<td>$1,040</td>
</tr>
<tr>
<td>Strafford</td>
<td>$991</td>
</tr>
<tr>
<td>Sullivan</td>
<td>$822</td>
</tr>
<tr>
<td><strong>State</strong></td>
<td><strong>$1,060</strong></td>
</tr>
</tbody>
</table>

New Hampshire Population Distribution, Median Ages, and Property Valuations

Municipal Population
Source: 2010 U.S. Census

Legend
Colors shifted to show gradation between smaller communities
0 | 109,565

Median Age by Municipality
Source: 2010 U.S. Census

Legend
Hale’s Location removed from scale
20 | 60

Total Municipal Property Value
Source: Completed Public Tax Rates 2017, NH Dept. of Revenue Administration

Legend
$13,636,832 | $9,004,365,407
Resident Income at the Municipal Level

Municipal Median Household Income Relative to State Median Household Income
Source: 2007-2011 American Community Survey

Municipal Median Household Income Relative to State Median Household Income
Source: 2012-2016 American Community Survey

Comparison to State Estimate
Statistical Significance measured at 90% confidence level
- Statistically Significantly Below, Population Below 1,000
- Statistically Significantly Below, Population Above 1,000
- Statistically Significantly Above, Population Below 1,000
- Statistically Significantly Above, Population Above 1,000
- No Statistically Significant Difference, Population Below 1,000
- No Statistically Significant Difference, Population Above 1,000
- Null, Null
Antipoverty Program Enrollment by Municipality

Municipal Medicaid Enrollment, January 2017
Source: NH Department of Health and Human Services

Percent of Municipal Medicaid Enrollment as of January 2017 by 2010 Census Population

Percentage of Population Enrolled in Food Stamp Program by Municipality
Source: NH Department of Health and Human Services, January 2017 data. 2010 U.S. Census.
Free and Reduced-Price School Lunch Eligibility by District

Number of New Hampshire Districts by Percentages of Students Eligible, 2017-2018

Percentage of Students Identified as Eligible for Free and Reduced-Price Lunch

Note: Districts exactly at bin-edges included in lower bins. All districts had at least one eligible student.
Source: New Hampshire Department of Education, Free/Reduced School
Municipal Disparities in Fiscal Capacity

Municipal Property Value Per Capita
Source: Completed Public Tax Rates 2017, NH Dept. of Revenue Administration. 2010 U.S. Census.

Legend
Newington and Waterville Valley removed from color scale
$39,816 $748,201

Percent of Tax Filers in 2015 With Over $100,000 Reported Income
Source: U.S. Internal Revenue Service

Legend
Percent by ZIP Code
Certain ZIP Code Data Unavailable
0% 54%
For More Information:


- This and other NHFPI presentations: [http://nhfpi.org/resources/nhfpi-presentations](http://nhfpi.org/resources/nhfpi-presentations)

- NHFPI Sixth Annual Conference:
  Friday, February 22, 2019, 8:00 a.m. to 12:30 p.m.
  Grappone Conference Center, Concord, NH