Vulnerable Families in the Post-Recession Economy

Presented by Phil Sletten, Policy Analyst

Endowment for Health Board and Advisory Council Strategic Retreat
June 25, 2018
Changes in Real Gross Domestic Product

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

Note: 2017 data are preliminary, 2014-2016 figures revised. Inflation adjustment is 2009 chained dollars.
Source: U.S. Bureau of Economic Analysis
Median Household Income in New Hampshire

*American Community Survey Estimates, Inflation-Adjusted*

<table>
<thead>
<tr>
<th>Year of Data Collection</th>
<th>Median Household Income</th>
<th>Inflation-adjustment to 2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>$55,000</td>
<td>$15,000</td>
</tr>
<tr>
<td>2006</td>
<td>$55,000</td>
<td>$15,000</td>
</tr>
<tr>
<td>2007</td>
<td>$60,000</td>
<td>$10,000</td>
</tr>
<tr>
<td>2008</td>
<td>$65,000</td>
<td>$5,000</td>
</tr>
<tr>
<td>2009</td>
<td>$70,000</td>
<td>$0</td>
</tr>
<tr>
<td>2010</td>
<td>$70,000</td>
<td>$0</td>
</tr>
<tr>
<td>2011</td>
<td>$70,000</td>
<td>$0</td>
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<tr>
<td>2012</td>
<td>$70,000</td>
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<td>2013</td>
<td>$70,000</td>
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<td>2014</td>
<td>$70,000</td>
<td>$0</td>
</tr>
<tr>
<td>2015</td>
<td>$70,000</td>
<td>$0</td>
</tr>
<tr>
<td>2016</td>
<td>$70,000</td>
<td>$0</td>
</tr>
</tbody>
</table>

Note: Inflation adjustment is Consumer Price Index-Urban, Northeast
Sources: U.S. Census Bureau, American Community Survey One-Year Estimates; U.S. Bureau of Labor Statistics
## Estimated Income Inequality by State

*Data Collected in 2016, Midpoint Estimates*

<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>0.513</td>
</tr>
<tr>
<td>Louisiana</td>
<td>0.499</td>
</tr>
<tr>
<td>Connecticut</td>
<td>0.495</td>
</tr>
<tr>
<td>California</td>
<td>0.490</td>
</tr>
<tr>
<td>Florida</td>
<td>0.485</td>
</tr>
<tr>
<td><strong>United States</strong></td>
<td><strong>0.482</strong></td>
</tr>
<tr>
<td><strong>Lowest Estimated Inequality</strong></td>
<td></td>
</tr>
<tr>
<td>Hawaii</td>
<td>0.442</td>
</tr>
<tr>
<td>Wyoming</td>
<td>0.436</td>
</tr>
<tr>
<td>New Hampshire</td>
<td>0.430</td>
</tr>
<tr>
<td>Utah</td>
<td>0.426</td>
</tr>
<tr>
<td>Alaska</td>
<td>0.408</td>
</tr>
</tbody>
</table>

Source: U.S. Census Bureau, 2016 American Community Survey
New Hampshire Inflation-Adjusted Wages by Relative Income

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


10th percentile  20th percentile  50th percentile (Median)  80th percentile  90th percentile

Year

Indexed Wages, 2005 = 100
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.
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.

Food Insecurity
Households by Time Period and Geography

Percent of Households

<table>
<thead>
<tr>
<th>Year</th>
<th>United States</th>
<th>New Hampshire</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004-2006</td>
<td>11.3%</td>
<td>7.4%</td>
</tr>
<tr>
<td>2011-2013</td>
<td>10.2%</td>
<td>14.6%</td>
</tr>
<tr>
<td>2014-2016</td>
<td>9.6%</td>
<td>13.0%</td>
</tr>
</tbody>
</table>

Three-year Average

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%
- 60-64 years, 4.3%
- 0-5 years, 13.9%
- 65+ years, 7.8%
New Hampshire Food Stamp Program Recipients

Supplemental Nutrition Assistance Program (SNAP) Recipients in the State

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
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
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


Belknap  Carroll  Cheshire  Coos  Grafton
Hillsborough  Merrimack  Rockingham  Strafford  Sullivan
## 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>New Hampshire</strong></td>
</tr>
<tr>
<td><strong>State</strong></td>
<td><strong>$1,060</strong></td>
</tr>
</tbody>
</table>

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
<table>
<thead>
<tr>
<th>Selected Family Units</th>
<th>Poverty Thresholds (2016)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single person, under age 65</td>
<td>$12,486</td>
</tr>
<tr>
<td>Single person, aged 65 and over</td>
<td>$11,511</td>
</tr>
<tr>
<td>Couple, householder under age 65</td>
<td>$16,072</td>
</tr>
<tr>
<td>Couple, householder aged 65 and older</td>
<td>$14,507</td>
</tr>
<tr>
<td>Single person under 65 with one child</td>
<td>$16,543</td>
</tr>
<tr>
<td>Couple with one child</td>
<td>$19,318</td>
</tr>
<tr>
<td>Single person with two children</td>
<td>$19,337</td>
</tr>
<tr>
<td>Couple under 65 with two children</td>
<td>$24,339</td>
</tr>
</tbody>
</table>

Source: U.S. Census Bureau
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

Est. 20,141 under 18, 7.9%
Est. 94,289 total, 7.3%
Est. 10,003 over 64, 4.6%

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
New Hampshire Population Relative to Poverty Status

Measured as a Percentage of the Federal Poverty Level

Year of Data Collection

Source: U.S. Census Bureau, American Community Survey One-Year Estimates

New Hampshire Fiscal Policy Institute
Relative Poverty Rates for New Hampshire Seniors
2007 and 2016 American Community Survey Data, New Hampshire Residents Aged 65 and Older

Year of Data Collection

2007
2.4 times the poverty rate, 15.8%

2016
2.5 times the poverty rate, 11.3%

Estimated Relative Poverty Rates

In Poverty
Less Than 125 Percent of Poverty Threshold
Less Than 150 Percent of Poverty Threshold

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, 2007 and 2016
New Hampshire Population Change Estimates by Age

Estimated Change in Population by Age Group, 2010 to 2016

- Under 18 Years
- 18 to 44 Years
- 45 to 64 Years
- 65 to 84 Years
- 85 Years and Over

Change in Thousands of People, 2010 to 2016

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 Rate by Group

2016 American Community Survey Data with Margins of Error

Group

Note: Margins of Error represent 90 percent confidence intervals
Source: U.S. Census Bureau, American Community Survey One-Year Estimates, 2016
New Hampshire Poverty Rate by Group

2012-2016 American Community Survey Data with Margins of Error

Note: Margins of Error represent 90 percent confidence intervals
Source: U.S. Census Bureau, American Community Survey Five-Year Estimates, 2012-2016
Job Growth and Wages in Highest Growth Sectors

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

<table>
<thead>
<tr>
<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Health Care and Social Assistance</td>
<td>9,000</td>
<td>$2,500</td>
</tr>
<tr>
<td>Administrative and Waste Services</td>
<td>7,000</td>
<td>$2,000</td>
</tr>
<tr>
<td>Accommodation and Food Services</td>
<td>5,000</td>
<td>$1,500</td>
</tr>
<tr>
<td>Professional and Technical Services</td>
<td>4,000</td>
<td>$1,000</td>
</tr>
<tr>
<td>Educational Services</td>
<td>3,000</td>
<td>$750</td>
</tr>
<tr>
<td>Transportation and Warehousing</td>
<td>2,000</td>
<td>$500</td>
</tr>
<tr>
<td>Finance and Insurance</td>
<td>1,000</td>
<td>$0</td>
</tr>
</tbody>
</table>

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

Workers in the leisure and hospitality industry had the lowest median tenure of any other private sector industry.

About 20.4 percent of New Hampshire residents worked part-time in 2016, similar to the 19.6 percent who worked part-time in 2005.

Following the Recession, the share of state residents working part-time was higher and overall number was lower.

Working part-time (less than 35 hours per week) for economic reasons, or involuntary part-time with a preference to work full-time, in New Hampshire, estimates:
- 1.3 percent in 2007 (pre-Recession low)
- 3.9 percent in 2010 and 2011 (post-Recession high)
- 2.2 percent in 2016

Work hours and income may be difficult to predict; 2014 national survey showed 71 percent of food services or production workers and 63 percent of retail (55 percent overall) had varying hours from week to week.

Analysis of the Medicaid work requirements modeled after Kentucky, which requires 80 hours per month, found that close to half of all low-income workers could be at risk of losing coverage.

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
New Hampshire Home Inventory by Price

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

Source: New Hampshire Housing Finance Authority, based on information from the Northern New England Real Estate Network
30 Percent of Household Income Indicator of Rental Cost Burden

Sources: U.S. Dept. of Housing and Urban Development

Incomes Are Generally Lower for Renters in New Hampshire

➢ Median Household Income for Owner-Occupied Units, 2016: $85,512 (+/−$1,737)
➢ Median Household Income for Renter-Occupied Units, 2016: $43,062 (+/−$1,993)

Renting Seniors Face Higher Costs as Percentage of Income

➢ 2016 estimates show about 22 percent of New Hampshire residents over age 64 rent, rather than own the units they occupy
➢ About 50.4 percent (+/− 5.7%) owed more than 30 percent of their income in rent in 2016

Note: All margins of error shown are 90 percent confidence intervals.
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
Estimates of Annual Family Expenses
Two Different Calculation Methodologies of Expenditures in New Hampshire Geographies

Statewide
Massachusetts Institute of Technology Living Wage Calculator

Rockingham County
Economic Policy Institute Family Budget Calculator

Coos County
Economic Policy Institute Family Budget Calculator

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

New Hampshire Fiscal Policy Institute
Thank You

Questions?

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