

**New Hampshire Medicaid Program Enrollment Forecast
SFY 2011-2013 Update**

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1 Executive Summary

This enrollment update is in response to a request by the NH Department of Health & Human Services (NH DHHS) of Ross Gittell and Matthew Magnusson of the University of New Hampshire Whittemore School of Business & Economics to provide an updated Medicaid enrollment projection through the end of state fiscal year (SFY) 2013 drawing upon their past research in this area. This projection was to reflect any changes to research methodology and to include the most current economic outlook and unemployment forecast for New Hampshire.

Overall average annual Medicaid enrollment for the categories analyzed has increased 8.3% from 116,600 in SFY 2009 to 126,300 in SFY 2010. This high rate of enrollment increase is principally due to a significant increase in unemployment in New Hampshire that occurred as a result of the 2008-09 recession.

Assuming no change in program eligibility, average annual NH Medicaid program enrollment for the categories analyzed is projected to increase to 133,200 in state fiscal year 2011. This is a 6,900 or 5.4% annual increase. While still a significant rate of increase, it is projected to be a lower rate than the 8.3% increase experienced from SFY 2009 to SFY 2010.

Table 1: Average Annual Enrollment Projections by Major Category by State Fiscal Year

| | 2009* | 2010 | 2011 | 2012 | 2013 |
|-----------------------|---------|---------|---------|---------|---------|
| TANF Child | 69,490 | 76,070 | 80,460 | 83,874 | 86,242 |
| TANF Adult | 14,738 | 16,149 | 17,198 | 18,199 | 18,971 |
| Elderly | 12,466 | 12,826 | 13,207 | 13,570 | 13,916 |
| Disabled Child | 1,674 | 1,729 | 1,754 | 1,798 | 1,843 |
| Disabled Adult | 18,258 | 19,574 | 20,553 | 21,580 | 22,659 |
| Total | 116,626 | 126,347 | 133,172 | 139,022 | 143,632 |
| Total % Annual Change | 6.3% | 8.3% | 5.4% | 4.4% | 3.3% |

*Actual average annual enrollment

During a similar period of time after the 2001 recession unemployment peak, average quarterly enrollment increased from 94,100 to 100,900.¹ There was a similar overall increase of 6,800 enrolled, but a larger percentage increase (7.2%) due to the lower enrollment base at the time.

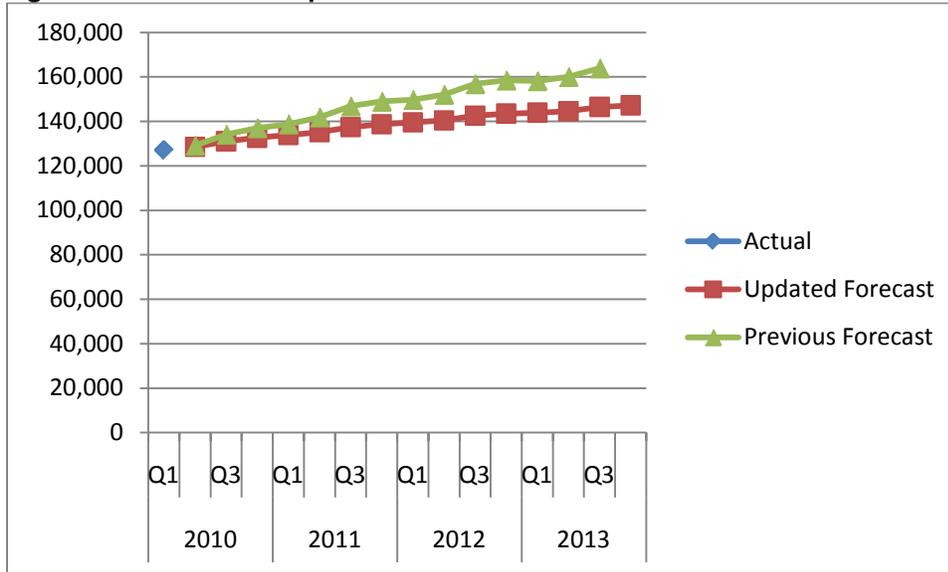
While the forecast enrollment increase may appear conservative, it reflects the most recent data on enrollment and economic trends (May 2010 for enrollment and July 2010 for unemployment), with a somewhat more positive employment picture than when the last State Medicaid enrollment projections were made in January 2010.

¹ Between third quarter 2002 and third quarter 2003.

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The previous forecast assumed that enrollment behavior would be similar to that observed following the unemployment peak of the 2001 recession. As such, the previous forecast issued before the economy had come out of recession, is now believed to slightly overstate enrollment in Medicaid. This forecast still projects an overall increase in enrollment across all categories over the next period of years, but at a lower rate of increase than that that previously projected.

Figure 1: Previous Vs. Updated Forecast for Total Enrollment*



*excluding some minor categories listed in methodology

The weak employment environment expected in 2010 is expected to continue to result in significant increases in enrollment of low income (TANF) children and adults under the age of 65 in the State Medicaid program. Elderly enrollment rates are expected to remain slightly elevated compared to longer-term enrollment trends due to the recession; however, it is still held that demographic trends are the most significant factor influencing the long-term increased enrollment for this category. In this analysis, the enrollment of disabled adults and children was assumed to return to the longer term trends observed during the 2002-2006 period.

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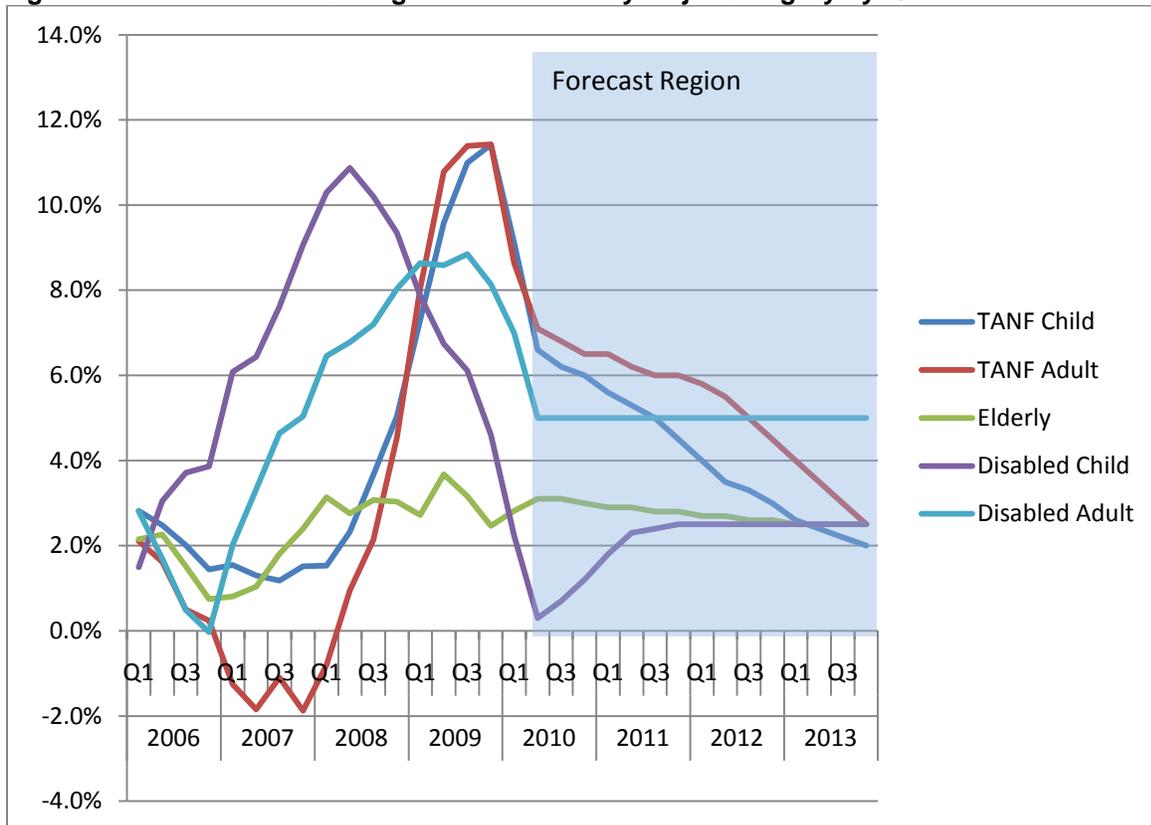
Table 2: Forecast for Annual Change in Enrollment by Major Category by Quarter

| | 2010 | | | | 2011 | | | |
|----------------|------|------|------|------|------|------|------|------|
| | Q1* | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| TANF Child | 9.1% | 6.6% | 6.2% | 6.0% | 5.6% | 5.3% | 5.0% | 4.5% |
| TANF Adult | 8.6% | 7.1% | 6.8% | 6.5% | 6.5% | 6.2% | 6.0% | 6.0% |
| Elderly | 2.8% | 3.1% | 3.1% | 3.0% | 2.9% | 2.9% | 2.8% | 2.8% |
| Disabled Child | 2.2% | 0.3% | 0.7% | 1.2% | 1.8% | 2.3% | 2.4% | 2.5% |
| Disabled Adult | 7.0% | 5.0% | 5.0% | 5.0% | 5.0% | 5.0% | 5.0% | 5.0% |

| | 2012 | | | | 2013 | | | |
|----------------|------|------|------|------|------|------|------|------|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| TANF Child | 4.0% | 3.5% | 3.3% | 3.0% | 2.6% | 2.4% | 2.2% | 2.0% |
| TANF Adult | 5.8% | 5.5% | 5.0% | 4.5% | 4.0% | 3.5% | 3.0% | 2.5% |
| Elderly | 2.7% | 2.7% | 2.6% | 2.6% | 2.5% | 2.5% | 2.5% | 2.5% |
| Disabled Child | 2.5% | 2.5% | 2.5% | 2.5% | 2.5% | 2.5% | 2.5% | 2.5% |
| Disabled Adult | 5.0% | 5.0% | 5.0% | 5.0% | 5.0% | 5.0% | 5.0% | 5.0% |

*2010 Q1 is actual annual percent change

Figure 2: Percent Annual Change in Enrollment by Major Category by Quarter



2 Background & Purpose

In the spring of 2008, Professor Ross Gittell and Matt Magnusson of the University of New Hampshire Whittemore School of Business and Economics, at the request of the New Hampshire Department of Health and Human Services (NH DHHS), evaluated the impact of different economic factors on New Hampshire Medicaid enrollment in a report entitled *Forecasting New Hampshire Medicaid Program Enrollment and Costs: Economic Indicators for the NH Medicaid Program*. The analysis performed for the report identified a strong relationship between the State's unemployment rate and Medicaid enrollment, particularly for low-income (TANF) children and adults. Since the initial analysis, enrollment projections have been updated in both the first part of 2009 and 2010 to reflect the latest economic conditions in New Hampshire.

The methodology of evaluating distinct categories of Medicaid enrollment using forecasts of the NH unemployment rate, in combination with longer-term enrollment trends, has proven to be an effective method for projecting future enrollment. This enrollment update is in response to a request by NH DHHS to validate the existing methodology and to provide an updated Medicaid enrollment projection through SFY 2013. This projection was to reflect any changes to the methodology and to include the most current economic outlook and unemployment forecast for New Hampshire.

3 The NH Economy and Economic Outlook

New Hampshire and the U.S. economy entered recession in December of 2007.² The NH unemployment rate was 4.6% in December 2008. This is up significantly from the 3.3% unemployment rate in December 2007. The economy went from weak in the summer of 2008, to near crisis in early fall, to virtual panic in late 2008 and early 2009. This recession included much quicker and more significant reaction of households and individuals to the downturn in the economy with reduced spending and what appears to be "more immediate" enrollment in aid programs such as Medicaid than in the 2001 recession.³

The overall economy remained weak and unemployment in New Hampshire rose throughout 2009, finishing in December at 6.9%. However in this recession unlike previous recessions, New England and NH decline less than US decline in percentage terms. NH and Vermont had the least peak-to-trough employment decline in the region, 4.6% and 4.3% respectively.⁴

² "US Business Cycle Expansions and Contractions," Public Information Office, National Bureau of Economic Research, Inc., Available online at <http://www.nber.org/cycles/cyclesmain.html>

³ Aversa, Jeannine, "Economy's new plunge is worst in quarter-century," Associated Press, Jan. 31, 2009.

⁴ Peak to trough is used in economic analysis and in this case indicates the the peak (high point) in the economy (and low point in the unemployment rate) before the recession and the trough in the economy (and maximum in the unemployment rate) after the recession began.

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The NH unemployment rate appears to have peaked at 7.1% in February 2010. The unemployment rate dropped to 6.7% in April 2010, 6.4% in May 2010 and 5.9% in June 2010. This contrasts significantly with the national unemployment rate which in June was at 9.5%.

While it is still very soon, there does appear to be some evidence that the employment picture is improving *albeit* very slowly in the state and nationally. And recovery so far has been stronger in the New England region than US average with NH the first state in the region to start to add employment in last quarter of 2009.

According to the New England Economic Partnership (NEEP) Spring 2010 forecast New Hampshire is expected to have, along with Maine, the highest trough-to-end of forecast period (end of 2013) percentage growth in employment. NH unemployment peak during the 2008-2009 recession and afterwards has been about 30% below the US average and NH's unemployment is expected to remain well below US average over the forecast period.

Table 3: NH Unemployment Rate 2006-2009

| | 2007 | | | | 2008 | | | |
|-----------------------|------|------|-------|-------|-------|------|-------|-------|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| NH Unemployment Rate | 3.7% | 3.6% | 3.4% | 3.4% | 3.5% | 3.7% | 3.9% | 4.5% |
| Total % Annual Change | 6.7% | 2.9% | -3.7% | -6.4% | -5.4% | 2.8% | 14.6% | 33.3% |

| | 2009 | | | | 2010 | |
|-----------------------|-------|-------|-------|-------|-------|------|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2* |
| NH Unemployed | 5.5% | 6.2% | 6.7% | 6.9% | 7.0% | 6.6% |
| Total % Annual Change | 57.1% | 68.5% | 69.5% | 51.5% | 27.9% | 5.1% |

Table 4: NH Unemployed 2006-2009

| | 2007 | | | | 2008 | | | |
|-----------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| NH Unemployed | 27,139 | 26,542 | 25,461 | 25,173 | 25,948 | 27,253 | 29,347 | 33,702 |
| Total % Annual Change | 7.5% | 3.8% | -2.5% | -6.2% | -4.4% | 2.7% | 15.3% | 33.9% |

| | 2009 | | | | 2010 | |
|-----------------------|--------|--------|--------|--------|--------|--------|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2* |
| NH Unemployed | 40,822 | 46,336 | 49,372 | 50,824 | 52,521 | 48,695 |
| Total % Annual Change | 57.3% | 70.0% | 68.2% | 50.8% | 28.7% | 5.1% |

*Preliminary Estimate

4 Methodology

NH Medicaid enrollment projections were based on the most recent NH unemployed (number of residents officially unemployed) projections (Spring 2010) by NEEP. The research team recalculated enrollment projections for the five eligibility categories outlined in their original report: *Forecasting New Hampshire Medicaid Program Enrollment and Costs: Economic Indicators for the NH Medicaid Program*.

Medicaid enrollment data was provided by DHHS in their report entitled *Medicaid Enrollees by Age and Eligibility Group, 1998- Present*. This DHHS report provides a count of anyone on Medicaid at any point in the month (enrollees can come and go on a daily basis, and even retroactively). This analysis does not use the Department's Reporting Unit's Medicaid enrollment report which reports the number of enrollees on the last day of the month. The end of month report results in 10,000-15,000 fewer enrollees than the data provided in the report that maintains a running monthly count of enrollment. It was determined that the data used in this analysis provided a more comprehensive metric for Medicaid enrollment.⁵

The five eligibility categories used in this analysis are aggregations of DHHS Medicaid eligibility categories from the DHHS Report. *Medicaid Enrollees by Age and Eligibility Group, 1998- Present*. The aggregation of categories was done to simplify analysis while still providing a meaningful level of eligibility detail.

Table 5: Mapping of DHHS Eligibility Categories to UNH Analysis Eligibility Categories

| UNH Analysis Categories | DHHS Medicaid Enrollment Report Categories |
|-------------------------|---|
| TANF Child | TANF Child [Age 0 to 18] |
| Disabled Child | TANF Severely Disabled Child [Age 0 to 18] + Needy Blind [Age 0 to 18] |
| TANF Adult | TANF Regular [Age 19 to 64] |
| Disabled Adult | Disabled Physical [Age 19 to 64] + Disabled Mental [Age 19 to 64]+ Needy Blind [Age 19 to 64] + MEAD [Age 19 to 64] |
| Elderly | Needy Blind [Age 65 and Over] + QMB, SLMB, QDWI + Old Age [Age 65 and Over] |
| Miscellaneous | TANF Foster Care and Adoption [Age 0 to 18] + QMB, SLMB, QDWI [Age 19 to 64] + BCCP [Age 19 to 64] |

An adjustment factor was developed and applied to the months from June 2009 through May 2010. This was done to recognize the lag time in entering and adjusting enrollment data into DHHS computer systems. The adjustment factor was developed by applying individual enrollment factors when comparing December 2009 enrollment and previous months from the DHHS report used in the previous analysis with the current enrollment data provided by DHHS for the same months.

⁵ Email Correspondence with Medicaid Finance Director Marilee Nihan. August 2010

Table 6: NH Unemployment Forecast

| | 2010 | | | | 2011 | | | |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| Unemployment Rate | 6.7% | 6.9% | 7.1% | 7.2% | 7.2% | 7.0% | 6.7% | 6.3% |
| % Change | 22.7% | 11.2% | 6.3% | 4.3% | 6.8% | 2.3% | -5.9% | 11.8% |
| Unemployed | 50,164 | 51,443 | 53,354 | 54,140 | 54,388 | 53,335 | 50,763 | 48,109 |
| %Change | 22.9% | 11.0% | 8.1% | 6.5% | 8.4% | 3.7% | -4.9% | 11.1% |

| | 2012 | | | | 2013 | | | |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| Unemployment Rate | 6.0% | 5.6% | 5.3% | 5.0% | 4.9% | 4.8% | 4.8% | 4.8% |
| % Change | 16.9% | 20.2% | 20.6% | 20.5% | 18.9% | 14.8% | 10.5% | -5.8% |
| Unemployed | 45,392 | 42,674 | 40,385 | 38,339 | 36,904 | 36,502 | 36,293 | 36,283 |
| %Change | 16.5% | 20.0% | 20.4% | 20.3% | 18.7% | 14.5% | 10.1% | -5.4% |

Source: New England Economic Partnership (Summer 2010)

Note all data in this reported is stated on either a monthly or quarterly basis. First quarter is January, February, and March. Second quarter is April, May, and June. Third quarter is July, August, and September. Fourth quarter is October, November, and December.

4.1 Methodology Updates

January 2010 Forecast

The enrollment forecast has shifted from an annual forecast— with January being the months of forecast— to a quarterly basis for the 2010 to 2013 time period. The quarterly forecast was based on enrollment in the middle month of the respective quarter. For example, for any given year, the first quarter forecast would be enrollment expected in February.

July 2010 Forecast

Annualized changes in the number of unemployed rather than the unemployment rate was used for the analysis. Changes in unemployment rate and the number unemployed are highly correlated ($R^2 > 0.995$), but utilizing the numbers unemployed measure provides a more transparent and better interpretation curve for graphs and also is expected over time to help account for changes in the size of the overall New Hampshire workforce that would not be accounted for with use of the unemployment rate.

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Quarterly forecasts of enrollment were based on average enrollment over the three months in the forecast. This is different from the previous forecast which relied on enrollment in the middle month.

A new table was added to the report to summarize enrollment based on NH state fiscal year. This figure is the average monthly enrollment from July to June for each fiscal year.

5 Analysis

Upon reviewing the most current Medicaid enrollment data with several different economic indicators –including gross state product, foreclosure rate, and disposable personal income—it was found that annual percent changes in the number of New Hampshire residents who are officially unemployed was the most useful economic indicator in explaining annual changes in Medicaid enrollment.

The analysis confirmed that annual unemployed changes in New Hampshire was most useful for explaining annual changes in enrollment for TANF adults and children. The change in unemployed numbers appears to help, but not as much, in explaining changes in enrollment for disabled children and adults. Past analysis had resulted in the conclusion that there was no meaningful relationship between elderly changes in enrollment and the unemployment rate; however, there does appear to be a slight, but statistically significant, increase in enrollment for the elderly since the 2008-09 recession began through the present.

This revised analysis looked at percent change on a monthly, quarterly and annual basis. As was the case in the previous analysis, annual rates of change appear to be the most effective method of explaining changes in enrollment. This indicates that changes in unemployment do not instantaneously change the enrollment rates, but the impacts become observable over longer periods.

The analysis showed that for TANF adult and children that there is a lag between when the annual rate of change in unemployment peaks and when the peak in annual enrollment growth is reached. Enrollment activity after both recessions supports this and shows that after the start of a recession, enrollment activity continues at a strong pace for these two groups, for a period of time (6-10 months) after job losses plateau.

This update did result in minor adjustments but no major changes to the methodology used. The actual enrollment percentage increases most recently have been lower than those forecast at the beginning of 2010. Enrollment in the Medicaid program, while still expected to continue its trend of overall increase, is expected to increase at a lower rate than previously forecast.

As discussed in previous enrollment forecasts, the use of annual percent change in unemployment is not as effective for projecting enrollment for disabled adults or children. This present analysis supports the previous conclusion that factors other than changes in unemployment alone are drivers for enrollment in these categories. It is believed that past average annual enrollment rates may provide a better indication of future enrollment for these groups, although there is some unemployment impact influencing both of these groups.

The projections for the elderly using a long term average rate of growth appears to be a reasonable and effective approach, as discussed in previous enrollment forecasts. However, this rate has been slightly increased due to unemployment. Given the broad nature and severity of the 2008-09 recession, many older workers were laid off and some have been "pushed" into early retirement. This appears to have increased elderly enrollment in this recession more so than in

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the 2001 recession. Another factor that may have influenced the enrollment rate is increased recruitment activity for this age group by the federal government.

During the first quarter of 2010, TANF children, TANF adults, and disabled adults all experienced high increases in annual enrollment at 9.1%, 8.6% and 7% respectively. While these were all higher than the average annual enrollment change before the 2008-09 recession began, these annual percent changes in enrollment were all lower than the peak annual change in enrollment in the aftermath of the 2001 recession, see Table 1.⁶ Enrollment in these categories continues to be increasing but at a slowing rate. As of May 2010, the annualized percent change in enrollment was 6.6% for TANF children, 7.1% for TANF adults and 5.2% for disabled adults.

The annual enrollment change for disabled children peaked at an average 11.9% in June 2008 and has been steadily declining since then. The annual enrollment change is currently about 0% and may suggest that a saturation point has been reached for the number of disabled children enrolled in the Medicaid program. The peak and subsequent dramatic decline in increase in enrollment rates also may be impacted by eligibility rule changes made in 2005 working their way through the Medicaid enrollment process.

Unexpectedly, the rate of elderly enrollment has been approximately 3% since the recession began and this is significantly above the longer-term trend of 1.7% observed between the 2001 and 2007 recession. This contrasts with previous analysis (Gittell & Magnusson, Jan 2010, Feb 2009, Aug 2008) which found no relationship between elderly enrollment and unemployment. This uptick in the enrollment rate for the elderly suggests that this population, while to a much smaller extent than the TANF Medicaid categories, was impacted by the recession.

⁶ TANF children and adults annualized enrollment growth both peaked at 11.4% in the last quarter of 2009 and disabled adult enrollment peaked at 8.8% in the third quarter of 2009. Previous to the start of the recession, the annualized rates of enrollment for the 3rd quarter of 2007 for TANF children, TANF adults, and disabled adults was 1.2%, -1.1% and 4.6% respectively.

Table 7: Comparison of Peak Annual % Change in Enrollment for the 2001 and 2008-09 Recessions

| | 2001 | | | 2008-09 | | |
|----------------|---------------------------------|----------------|---|---------------------------------|----------------|--|
| | Peak % Annual Enrollment Change | Month Occurred | Months between Peak Enrollment Rate & Peak Unemployment Rate ⁷ | Peak % Annual Enrollment Change | Month Occurred | Months between Peak Enrollment Rate & Peak Unemployment Rate |
| TANF Child | 12.8% | Sep-02 | 10 | 11.5% | Nov-09 | 6 |
| TANF Adult | 12.5% | Mar-02 | 4 | 11.7% | Dec-09 | 7 |
| Elderly | 3.0% | Jun-03 | Not Applicable | 3.9% | Jun-09 | 0 |
| Disabled Child | 5.2% | Oct-03 | Not Applicable | 11.9% | Jun-08 | Not Applicable |
| Disabled Adult | 8.6% | Nov-02 | Not Applicable | 9.0% | Mar-09 | Not Applicable |

What is most noteworthy in this updated analysis is the relatively rapid decrease in the enrollment growth rates currently being observed for TANF children, TANF adults and disabled adults. The decline in growth rates observed in the annual change in enrollment thus far has been quicker than that observed following the peak in unemployment in the aftermath of the 2001 recession. NH currently has the third lowest unemployment rates in the nation at 5.9% as of June 2010. This compares to the national average of 9.5%.

The relatively rapid recent decline in the NH unemployment rate could help explain why the annual rate of enrollment for these groups has been dropping at a faster rate than in the previous recession. There should be caution, however, not to assume that the unemployment rate in the state will continue to decline at a rapid rate. As discouraged workers re-enter the labor force, the NH unemployment rate could stabilize and even increase. Also as the national economy stagnates and potentially weakens again this could contribute to unemployment rising in NH.

⁷ This is a measure of the number of months between the peak in annual enrollment rate for a category and the peak in the annual change in the unemployment rate following the start of either the 2001 or 2008-09 recession. For example, the peak in annual enrollment was 12.8% in Sep 2002 for TANF children; this was 10 months after the observed peak in the annual change in unemployment (52.8% in Nov 2001).

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Table 8: Actual Annual Change in Enrollment by Major Category by Quarter

| | 2006 | | | | 2007 | | | |
|----------------|------|------|------|------|-------|-------|-------|-------|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| TANF Child | 2.8% | 2.5% | 2.0% | 1.4% | 1.5% | 1.3% | 1.2% | 1.5% |
| TANF Adult | 2.1% | 1.6% | 0.5% | 0.2% | -1.3% | -1.8% | -1.1% | -1.9% |
| Elderly | 2.2% | 2.3% | 1.5% | 0.7% | 0.8% | 1.0% | 1.8% | 2.4% |
| Disabled Child | 1.5% | 3.1% | 3.7% | 3.9% | 6.1% | 6.4% | 7.6% | 9.1% |
| Disabled Adult | 2.8% | 1.7% | 0.5% | 0.0% | 2.0% | 3.3% | 4.6% | 5.0% |

| | 2008 | | | | 2009 | | | |
|----------------|-------|-------|-------|------|------|-------|-------|-------|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| TANF Child | 1.5% | 2.3% | 3.7% | 5.0% | 7.3% | 9.6% | 11.0% | 11.4% |
| TANF Adult | -0.8% | 1.0% | 2.1% | 4.5% | 8.0% | 10.8% | 11.4% | 11.4% |
| Elderly | 3.1% | 2.8% | 3.1% | 3.0% | 2.7% | 3.7% | 3.2% | 2.5% |
| Disabled Child | 10.3% | 10.9% | 10.2% | 9.3% | 7.9% | 6.7% | 6.1% | 4.6% |
| Disabled Adult | 6.5% | 6.8% | 7.2% | 8.0% | 8.6% | 8.6% | 8.8% | 8.1% |

Table 9: Forecast for Annual Change in Enrollment by Major Category by Quarter

| | 2010 | | | | 2011 | | | |
|----------------|------|------|------|------|------|------|------|------|
| | Q1* | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| TANF Child | 9.1% | 6.6% | 6.2% | 6.0% | 5.6% | 5.3% | 5.0% | 4.5% |
| TANF Adult | 8.6% | 7.1% | 6.8% | 6.5% | 6.5% | 6.2% | 6.0% | 6.0% |
| Elderly | 2.8% | 3.1% | 3.1% | 3.0% | 2.9% | 2.9% | 2.8% | 2.8% |
| Disabled Child | 2.2% | 0.3% | 0.7% | 1.2% | 1.8% | 2.3% | 2.4% | 2.5% |
| Disabled Adult | 7.0% | 5.0% | 5.0% | 5.0% | 5.0% | 5.0% | 5.0% | 5.0% |

| | 2012 | | | | 2013 | | | |
|----------------|------|------|------|------|------|------|------|------|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| TANF Child | 4.0% | 3.5% | 3.3% | 3.0% | 2.6% | 2.4% | 2.2% | 2.0% |
| TANF Adult | 5.8% | 5.5% | 5.0% | 4.5% | 4.0% | 3.5% | 3.0% | 2.5% |
| Elderly | 2.7% | 2.7% | 2.6% | 2.6% | 2.5% | 2.5% | 2.5% | 2.5% |
| Disabled Child | 2.5% | 2.5% | 2.5% | 2.5% | 2.5% | 2.5% | 2.5% | 2.5% |
| Disabled Adult | 5.0% | 5.0% | 5.0% | 5.0% | 5.0% | 5.0% | 5.0% | 5.0% |

*2010 Q1 is actual annual percent change

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Figure 3: Percent Annual Change in Enrollment by Major Category by Quarter

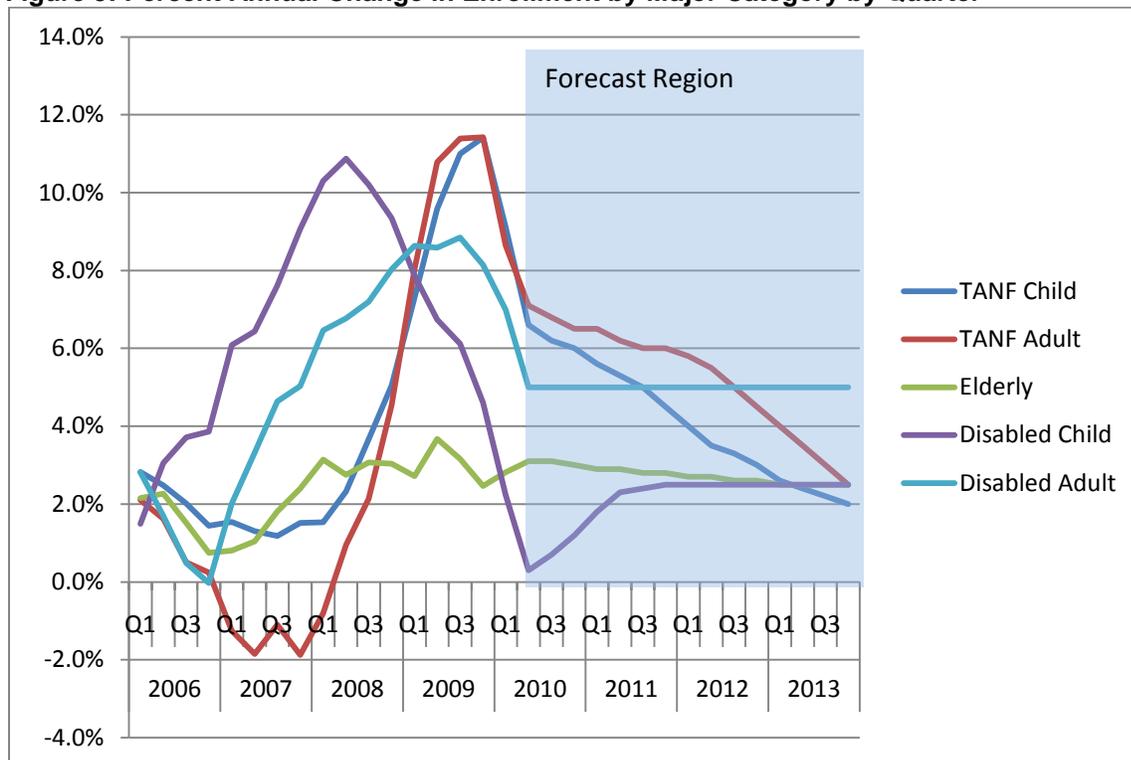


Table 10: Actual Enrollment by Major Category by Quarter

| | 2008 | | | | 2009 | | | |
|-----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| TANF Child | 65,371 | 66,347 | 67,166 | 67,947 | 70,143 | 72,703 | 74,551 | 75,705 |
| TANF Adult | 13,851 | 13,986 | 14,165 | 14,331 | 14,964 | 15,494 | 15,778 | 15,968 |
| Elderly | 12,161 | 12,140 | 12,317 | 12,469 | 12,491 | 12,586 | 12,706 | 12,777 |
| Disabled Child | 1,564 | 1,607 | 1,635 | 1,658 | 1,687 | 1,716 | 1,735 | 1,734 |
| Disabled Adult | 17,021 | 17,358 | 17,663 | 18,028 | 18,492 | 18,849 | 19,225 | 19,496 |
| Total | 109,967 | 111,438 | 112,945 | 114,433 | 117,776 | 121,348 | 123,996 | 125,679 |
| Total % Annual Change | 2.3% | 3.0% | 4.0% | 5.3% | 7.1% | 8.9% | 9.8% | 9.8% |

New Hampshire Medicaid Program Enrollment Forecast SFY 2011-2013 Update

Table 11: Enrollment Projections by Major Category by Quarter

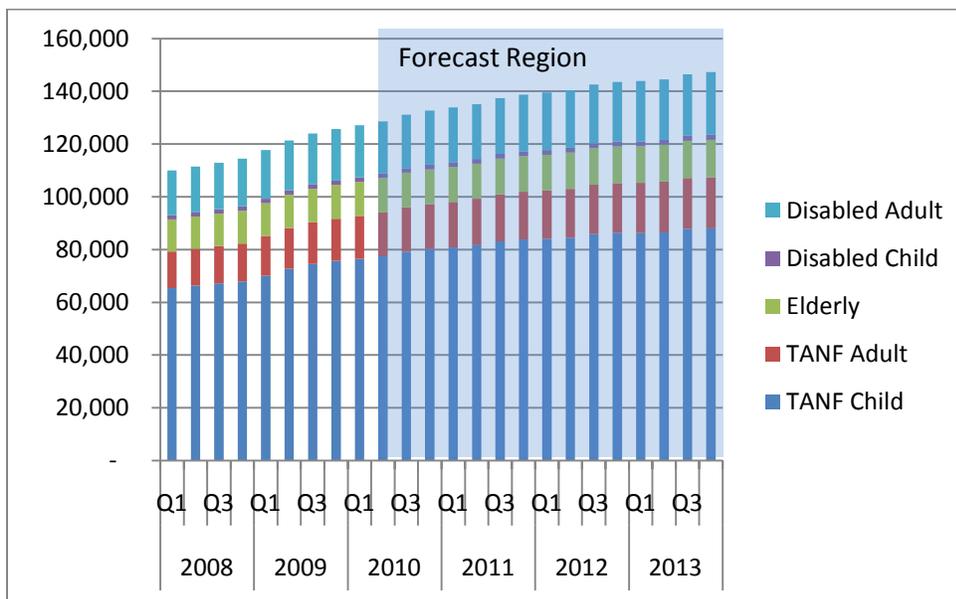
| | 2010 | | | | 2011 | | | |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| | Q1* | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| TANF Child | 76,523 | 77,502 | 79,173 | 80,247 | 80,809 | 81,609 | 83,132 | 83,858 |
| TANF Adult | 16,256 | 16,594 | 16,851 | 17,006 | 17,313 | 17,623 | 17,862 | 18,026 |
| Elderly | 12,843 | 12,976 | 13,100 | 13,160 | 13,216 | 13,352 | 13,467 | 13,528 |
| Disabled Child | 1,724 | 1,721 | 1,747 | 1,755 | 1,755 | 1,760 | 1,789 | 1,799 |
| Disabled Adult | 19,784 | 19,791 | 20,187 | 20,470 | 20,773 | 20,781 | 21,196 | 21,494 |
| Total** | 127,131 | 128,584 | 131,058 | 132,638 | 133,866 | 135,126 | 137,446 | 138,705 |
| Total % Annual Change | 7.9% | 6.0% | 5.7% | 5.5% | 5.3% | 5.1% | 4.9% | 4.6% |

| | 2012 | | | | 2013 | | | |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| TANF Child | 84,041 | 84,466 | 85,875 | 86,374 | 86,226 | 86,493 | 87,765 | 88,101 |
| TANF Adult | 18,317 | 18,592 | 18,755 | 18,837 | 19,050 | 19,243 | 19,318 | 19,308 |
| Elderly | 13,572 | 13,713 | 13,817 | 13,880 | 13,912 | 14,056 | 14,163 | 14,227 |
| Disabled Child | 1,799 | 1,804 | 1,834 | 1,844 | 1,844 | 1,850 | 1,880 | 1,890 |
| Disabled Adult | 21,812 | 21,820 | 22,256 | 22,569 | 22,902 | 22,911 | 23,369 | 23,697 |
| Total** | 139,542 | 140,395 | 142,537 | 143,504 | 143,934 | 144,552 | 146,493 | 147,224 |
| Total % Annual Change | 4.2% | 3.9% | 3.7% | 3.5% | 3.1% | 3.0% | 2.8% | 2.6% |

*2010 Q1 is actual NH medicaid enrollment

**Total excludes some small categories not included in the analysis

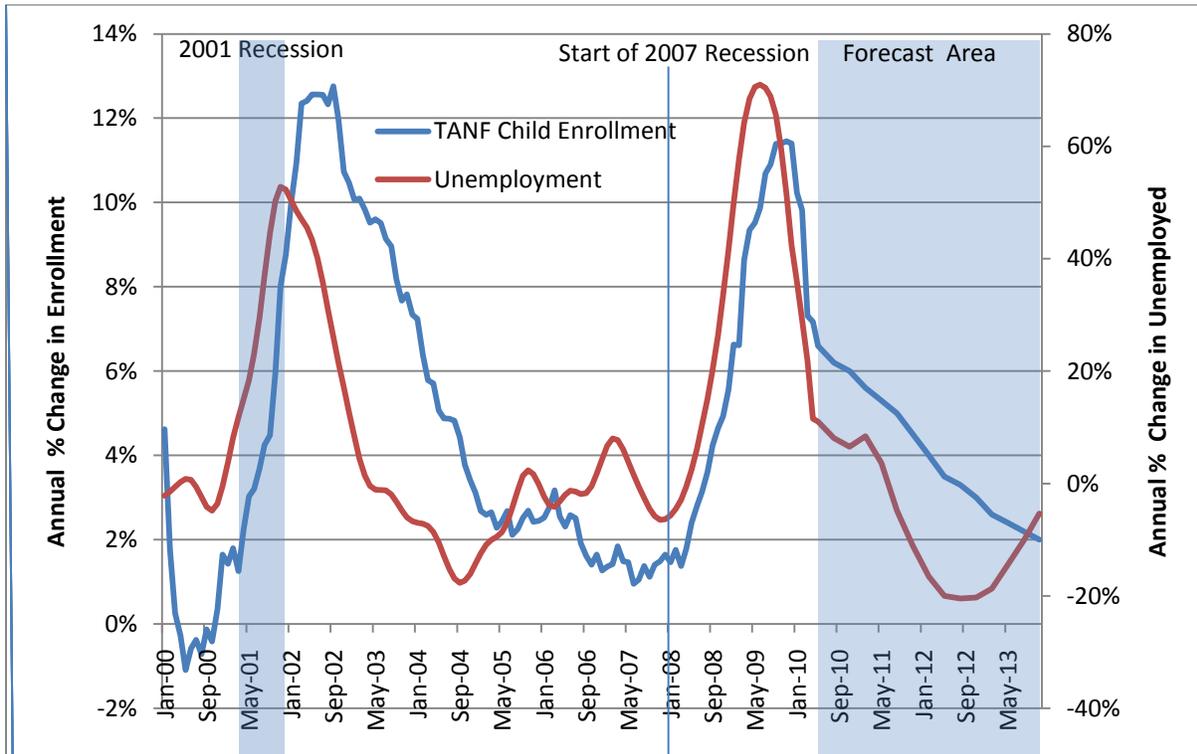
Figure 4: Enrollment by Major Category by Quarter



5.1 TANF Children

The rate of increase in enrollment appears to have peaked at 11.5% in November 2009; this is a similar peak (12.8% in September 2002) reached following the 2001 recession. The current unemployment forecasts projects a significant decrease in the annual rate of increase in the unemployment rate. The assumed decline in the rate of increase in enrollments is based on enrollment behavior after the decline in the unemployment rate following the 2001 recession.

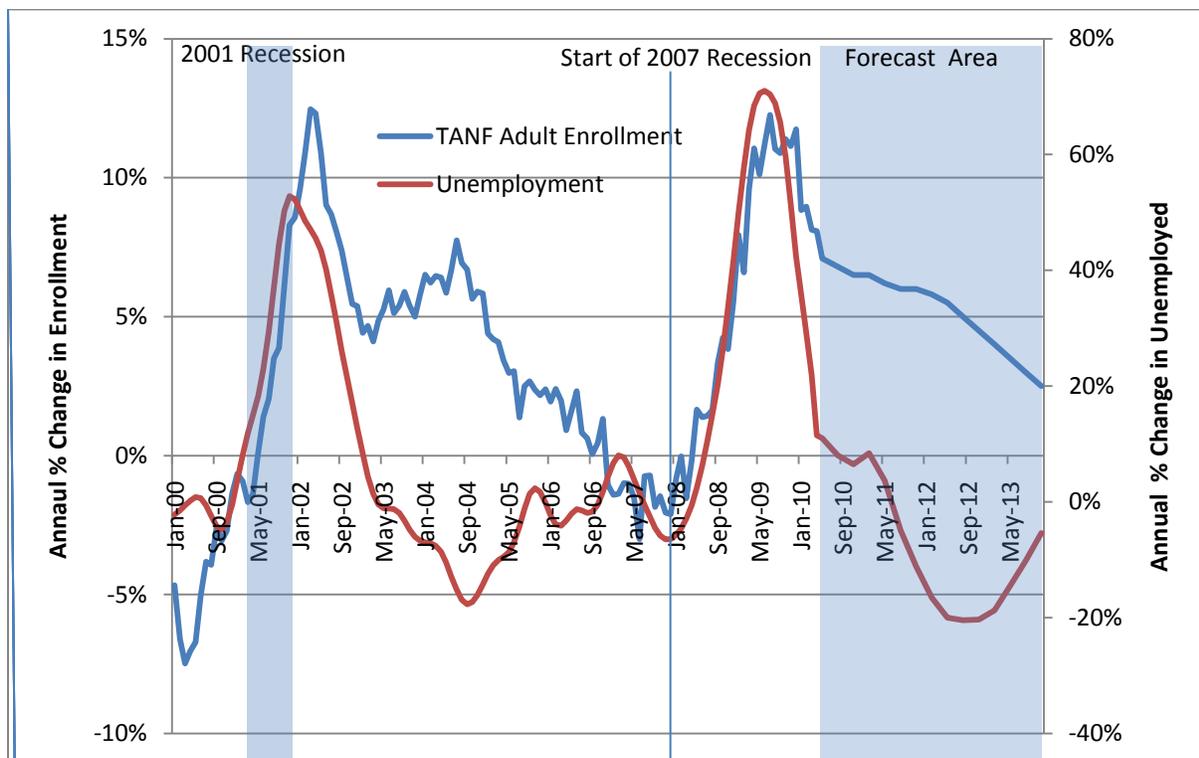
Figure 5: Annual % Change in TANF Children Enrollment Jan. 2000 – Dec 2013 vs. Annual % Change in NH Unemployed



5.2 TANF Adults

The rate of increase in enrollment appears to have peaked at 12.3% in July 2009; this is a similar value (12.5% in March 2002) to that reached following the 2001 recession. The current unemployment forecasts projects a significant decrease in the annual rate of increase in the unemployment rate. The assumed decline in the rate of increase in enrollment is based on enrollment behavior after the decline in the unemployment rate following the peak in unemployment observed at the end of the 2001 recession.

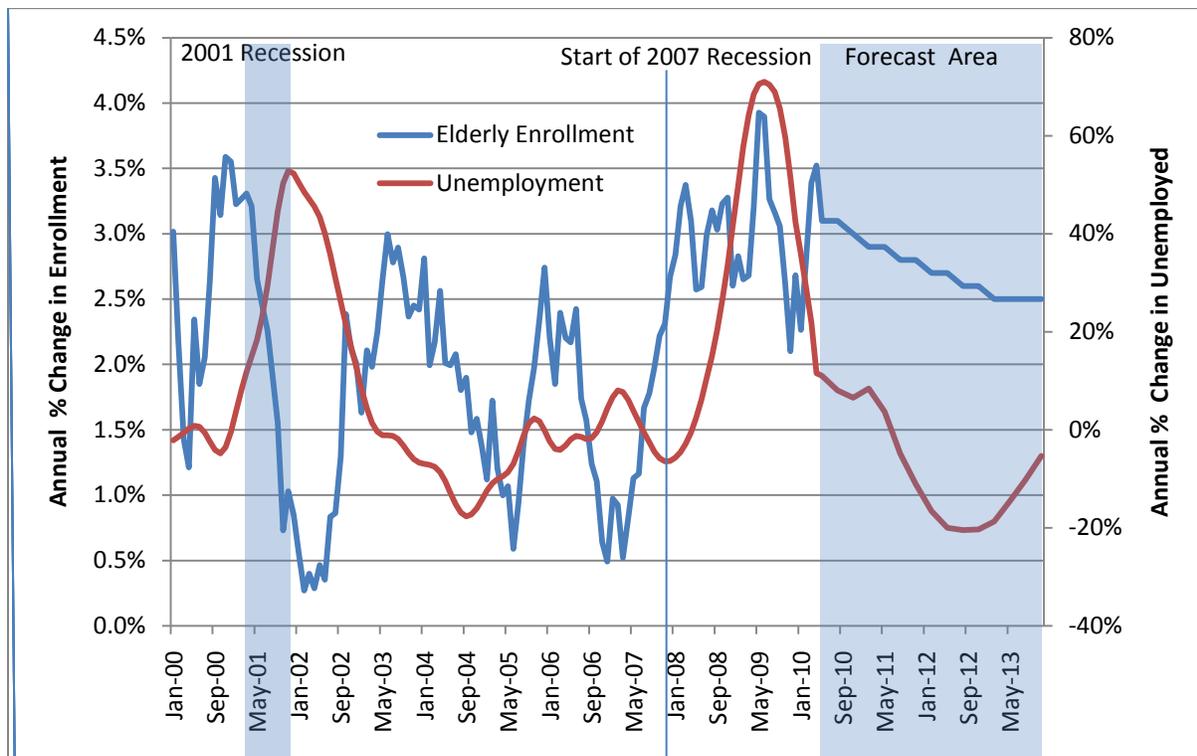
Figure 6: Annual % Change in TANF Adult Enrollment Jan. 2000 – Dec 2013 vs. Annual % Change in NH Unemployed



5.3 Elderly

The rate of increase in enrollment appears now to have some relationship to the increase in unemployment in the 2008-09 recession. The relationship is statistically significant with the average annual increase in enrollment between the 2001 and 2008-09 recessions being 1.7% and the average annual increase in enrollment being 3% with the 2008-09 recession.⁸ Possible explanations for this statistically significant increase that coincided with the start of the recession are: 1) Trend of elderly delaying retirement, and/or 2) the federal government has been conducting annual recruitment campaigns since fall 2006.^{9,10} The growth in elderly enrollment is expected to remain relatively elevated for the projection period.

Figure 7: Annual % Change in Elderly Enrollment Jan. 2000 – Dec 2013 vs. Annual % Change in NH Unemployed



⁸ A Student 1 Tail T-Test provided a p value of 1.45653E-15 for annual change in enrollment for the period of time between the two recessions and for the period of time following the 2007 recession. This is well below the p=0.05 indicative of a statistically significant relationship. This supports the conclusion that elderly enrollment rates have been increased due to the increased unemployment following the start of the 2007 recession.

⁹ “More Americans Will Delay Retirement; Trend Will Help Bolster Social Security and Medicare,” Rand Corporation, April 2010, Available online at <http://www.rand.org/news/press/2010/04/07/>

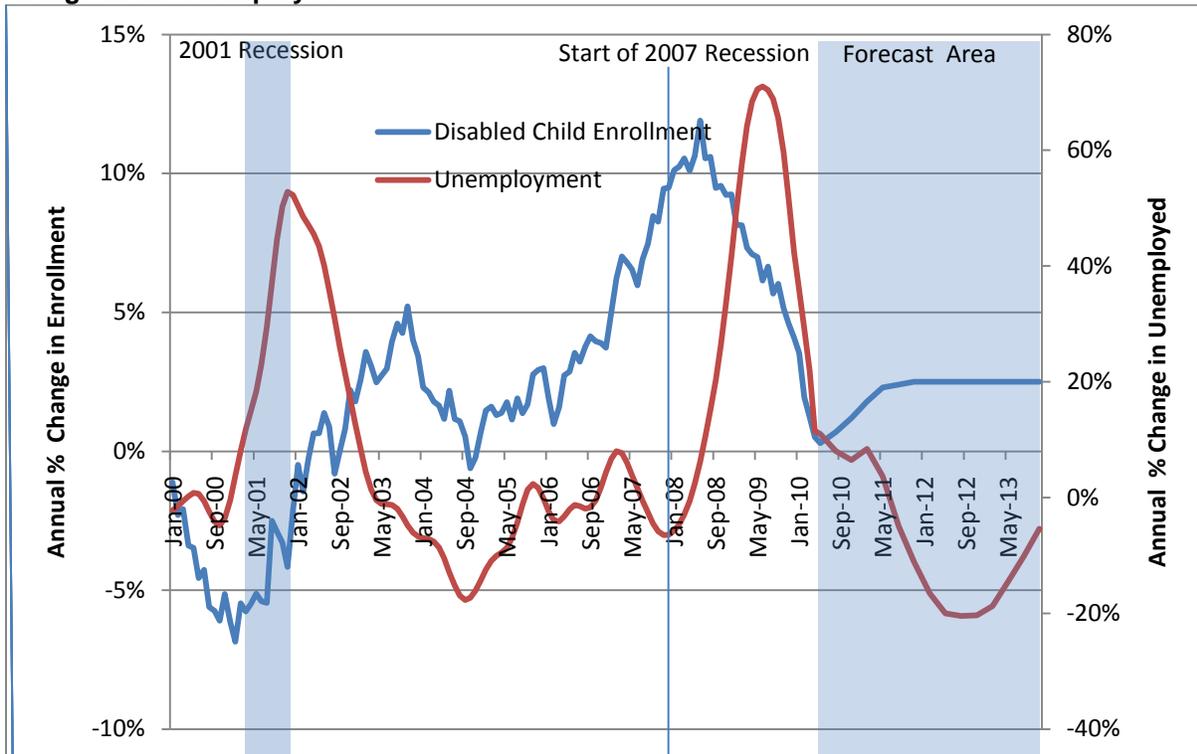
¹⁰ The possibility of federal enrollment campaigns influencing the rate of enrollment was discussed in an email correspondence with Medicaid Finance Director Marilee Nihan. August 2010.

5.4 Disabled Children

The rate of increase in enrollment appears to have been impacted by the increase in unemployment in the 2008-09 recession, although it increased and decreased slightly out of sync with the change in unemployment. Disabled children enrollment growth peaked (11.9% in June 2008) before the peak in the rate of increase in unemployment. The rate of increase has been steadily decreasing since the peak and recently has dropped to almost no change in enrollment. It is assumed to return to the longer term average observed between 2002 and 2006, see below.

Another factor that appears to have influenced disabled child enrollment is that in 2005 the eligibility standards for children with disabilities were reduced, this made it easier for disabled children to be accepted. The observed peak and the subsequent current low (to no) annual growth rate could indicate the determination process is complete for this “new” group of children, thus possibly returning to more normal growth rates.¹¹

Figure 8: Annual % Change in Disabled Children Enrollment Jan. 2000 – Dec 2013 vs. Annual % Change in NH Unemployed

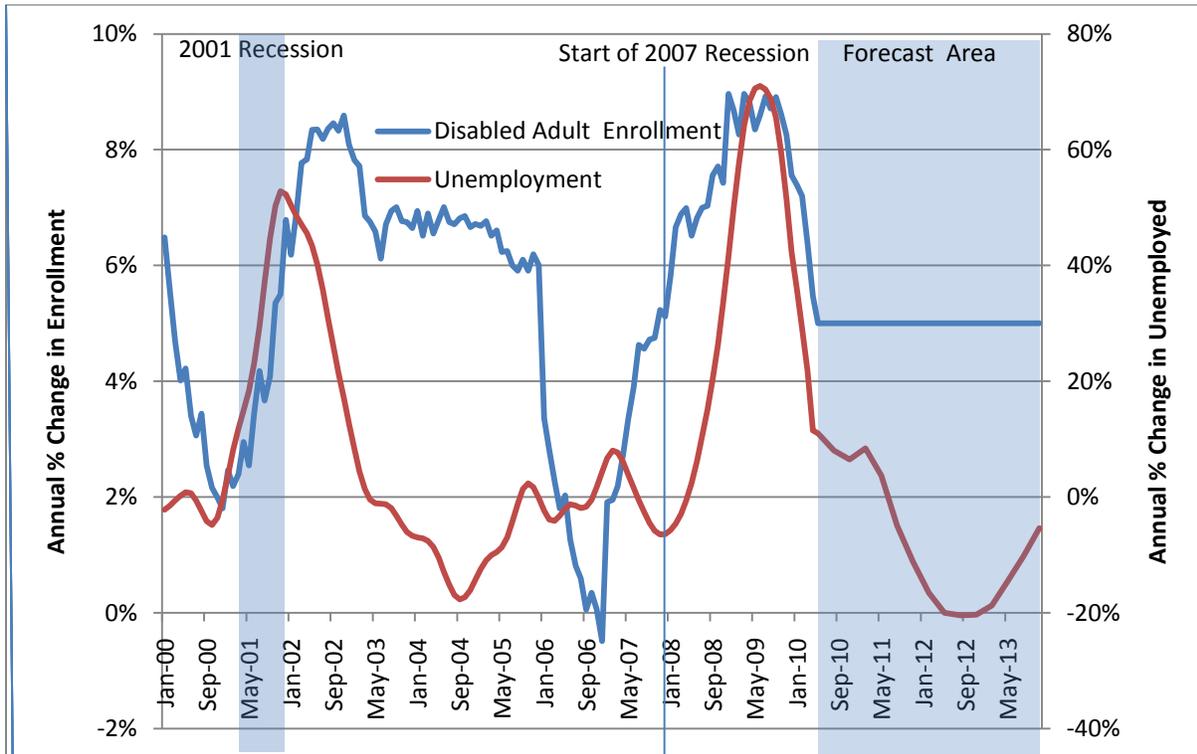


¹¹ Email Correspondence with Medicaid Finance Director Marilee Nihan, August 2010.

5.5 Disabled Adult

The rate of increase in enrollment appears to have been impacted by the increase in the annual change in unemployed. The growth in disabled adult enrollment appears to have peaked at the same time as the annualized percent change in numbers unemployed in the 2008-09 recession. It is assumed to return to the longer term average observed between 2002 and 2006 over the projection period, see below.

Figure 9: Annual % Change in Disabled Adult Enrollment Jan. 2000 – Dec 2013 vs. Annual % Change in NH Unemployed



5.6 Enrollment Trend

The current trend continues to be upward. The total number enrolled in Medicaid was 135,565 in May. This was 153 higher than those enrolled in April.¹² In May, there were two categories that did appear to decline in enrollment, disabled children and TANF adults. Disabled children declined by 8 to 1,706 from April to May and TANF adults declined 81 to 16,619.

These slight drops in TANF adult and disabled children enrollment numbers are not believed to be indicative of a longer term trend in reduced enrollment. For example, for the 10 month period following the peak in TANF adult annualized enrollment following the 2001 recession there were four months where enrollment declined, including by 168 in June 2002. But the longer-term trend of increasing enrollment held and the year after the peak in TANF adult rates of enrollment, enrollment was 12,607. This was 497 more enrolled than those at in March 2002.

In the 10 months following the peak in TANF adult annualized enrollment following the 2001 recession, there were three months where enrollment declined from the previous month. This included 166 in November 2009. Since the peak in TANF adult enrollment rate observed in July 2009, enrollment has increased 831 to 16,619.

Table 12: Monthly Changes in Enrollment for TANF Adults Following Enrollment Rate Peaks

| 2001 Recession | | 2008-09 Recession | |
|----------------|------|-------------------|------|
| Apr-02 | -19 | Aug-09 | -58 |
| May-02 | -17 | Sep-09 | 88 |
| Jun-02 | -168 | Oct-09 | 206 |
| Jul-02 | 159 | Nov-09 | -166 |
| Aug-02 | 7 | Dec-09 | 165 |
| Sep-02 | 44 | Jan-10 | 102 |
| Oct-02 | 113 | Feb-10 | 63 |
| Nov-02 | -43 | Mar-10 | 268 |
| Dec-02 | 49 | Apr-10 | 244 |
| Jan-03 | 151 | May-10 | -81 |

¹² The enrollment stated for May takes into account the adjustment explained in the methodology. This adjustment is necessary to correct for delays in entering information into the New Hampshire Medicaid reporting system.

6 Conclusion

It should be noted that this analysis employs the same methodology used in previous analysis with some minor changes, as detailed in the methodology section. This analysis validates that the percentage change in the numbers of New Hampshire residents unemployed is the most useful economic indicator for projecting future enrollment in the New Hampshire Medicaid program.

The analysis updated projections from the forecast developed in January 2010. It appears that enrollment growth rates are declining faster than occurred following the 2001 recession. As such, the enrollment forecast has been revised downward to reflect the lower rates of enrollment growth than expected.

Caution, however, is advised. While the NEEP forecast for unemployment is for continued decline and our forecasts of Medicaid program enrollment based on this is for declining growth, there is the risk that unemployment could rise again before it declines much further. This could occur with (a) the national economy stagnating and then further weakening and (b) discouraged workers re-entering the labor force. The NH unemployment rate and official unemployment numbers could increase and this could contribute to Medicaid enrollment increases greater than forecast in this report.

Projecting State Medicaid enrollment is not easy. It is not a science but an exercise in careful review and estimations. It must be understood that the current economic and unemployment outlooks are still highly uncertain and thus it would be advisable to update the enrollment forecasts on a semiannual basis using the most recent economic information and the most recent actual enrollment data to inform projections.

While this methodology has proven to be effective for short-term forecasts it does not take into account demographics to establish limits to enrollment growth (as may currently be the case for disabled children). It is also advised that future forecasts include demographic trends to help inform Medicaid enrollment projections.

Appendix A: Enrollment by Eligibility Category

| Month | TANF Child | TANF Adult | Elderly | Disabled Child | Disabled Adult | Misc | Total |
|--------|------------|------------|---------|----------------|----------------|-------|---------|
| May-10 | 77,546 | 16,619 | 13,003 | 1,706 | 19,802 | 6,890 | 135,565 |
| Apr-10 | 77,350 | 16,700 | 12,984 | 1,714 | 19,796 | 6,869 | 135,412 |
| Mar-10 | 76,936 | 16,456 | 12,917 | 1,721 | 19,886 | 6,721 | 134,636 |
| Feb-10 | 76,476 | 16,188 | 12,821 | 1,721 | 19,736 | 6,645 | 133,586 |
| Jan-10 | 76,159 | 16,125 | 12,791 | 1,731 | 19,731 | 6,519 | 133,055 |
| Dec-09 | 75,919 | 16,023 | 12,796 | 1,733 | 19,541 | 6,515 | 132,527 |
| Nov-09 | 75,618 | 15,858 | 12,742 | 1,733 | 19,461 | 6,445 | 131,856 |
| Oct-09 | 75,577 | 16,024 | 12,791 | 1,736 | 19,485 | 6,374 | 131,988 |
| Sep-09 | 75,136 | 15,817 | 12,750 | 1,740 | 19,353 | 6,288 | 131,085 |
| Aug-09 | 74,534 | 15,729 | 12,718 | 1,732 | 19,171 | 6,260 | 130,145 |
| Jul-09 | 73,983 | 15,787 | 12,651 | 1,733 | 19,151 | 6,226 | 129,532 |
| Jun-09 | 73,206 | 15,514 | 12,617 | 1,727 | 18,961 | 6,239 | 128,264 |
| May-09 | 72,729 | 15,517 | 12,599 | 1,715 | 18,816 | 6,212 | 127,588 |
| Apr-09 | 72,175 | 15,451 | 12,542 | 1,705 | 18,769 | 6,131 | 126,773 |
| Mar-09 | 71,696 | 15,220 | 12,493 | 1,700 | 18,692 | 6,065 | 125,866 |
| Feb-09 | 69,635 | 14,856 | 12,473 | 1,688 | 18,410 | 6,042 | 123,104 |
| Jan-09 | 69,097 | 14,816 | 12,508 | 1,672 | 18,373 | 6,030 | 122,496 |
| Dec-08 | 68,152 | 14,339 | 12,462 | 1,665 | 18,168 | 5,966 | 120,752 |
| Nov-08 | 67,847 | 14,268 | 12,480 | 1,657 | 17,977 | 6,005 | 120,234 |
| Oct-08 | 67,842 | 14,385 | 12,466 | 1,651 | 17,939 | 5,896 | 120,179 |
| Sep-08 | 67,453 | 14,265 | 12,372 | 1,641 | 17,770 | 5,862 | 119,363 |
| Aug-08 | 67,208 | 14,166 | 12,328 | 1,639 | 17,635 | 5,853 | 118,829 |
| Jul-08 | 66,837 | 14,063 | 12,251 | 1,625 | 17,583 | 5,808 | 118,167 |
| Jun-08 | 66,630 | 13,952 | 12,144 | 1,627 | 17,460 | 5,732 | 117,545 |
| May-08 | 66,405 | 14,092 | 12,123 | 1,603 | 17,366 | 5,681 | 117,270 |
| Apr-08 | 66,006 | 13,913 | 12,152 | 1,592 | 17,249 | 5,602 | 116,514 |
| Mar-08 | 65,995 | 13,889 | 12,167 | 1,584 | 17,154 | 5,382 | 116,171 |
| Feb-08 | 65,315 | 13,937 | 12,151 | 1,561 | 17,005 | 5,373 | 115,342 |
| Jan-08 | 64,803 | 13,726 | 12,164 | 1,546 | 16,905 | 5,268 | 114,412 |
| Dec-07 | 64,559 | 13,585 | 12,146 | 1,524 | 16,673 | 5,250 | 113,737 |
| Nov-07 | 64,661 | 13,741 | 12,084 | 1,517 | 16,734 | 5,144 | 113,881 |
| Oct-07 | 64,833 | 13,799 | 12,076 | 1,507 | 16,655 | 5,073 | 113,943 |
| Sep-07 | 64,710 | 13,804 | 12,008 | 1,499 | 16,521 | 5,061 | 113,603 |
| Aug-07 | 64,868 | 13,936 | 11,948 | 1,482 | 16,477 | 5,066 | 113,777 |
| Jul-07 | 64,802 | 13,865 | 11,895 | 1,470 | 16,433 | 5,011 | 113,476 |
| Jun-07 | 64,813 | 13,761 | 11,837 | 1,454 | 16,345 | 5,010 | 113,220 |
| May-07 | 64,848 | 13,863 | 11,819 | 1,449 | 16,304 | 4,926 | 113,209 |

New Hampshire Medicaid Program Enrollment Forecast SFY 2011-2013 Update

| Month | TANF Child | TANF Adult | Elderly | Disabled Child | Disabled Adult | Misc | Total |
|--------|------------|------------|---------|----------------|----------------|-------|---------|
| Apr-07 | 64,856 | 13,938 | 11,787 | 1,446 | 16,122 | 4,856 | 113,005 |
| Mar-07 | 65,099 | 14,105 | 11,770 | 1,433 | 16,049 | 4,797 | 113,253 |
| Feb-07 | 64,185 | 13,941 | 11,773 | 1,416 | 15,943 | 4,736 | 111,994 |
| Jan-07 | 63,866 | 13,842 | 11,828 | 1,404 | 15,974 | 4,684 | 111,598 |
| Dec-06 | 63,513 | 13,878 | 11,830 | 1,392 | 15,861 | 4,661 | 111,135 |
| Nov-06 | 63,711 | 14,029 | 11,811 | 1,386 | 15,902 | 4,593 | 111,432 |
| Oct-06 | 63,936 | 14,003 | 11,814 | 1,392 | 15,900 | 4,551 | 111,596 |
| Sep-06 | 63,996 | 14,063 | 11,775 | 1,382 | 15,776 | 4,528 | 111,520 |
| Aug-06 | 63,989 | 14,036 | 11,739 | 1,379 | 15,758 | 4,514 | 111,415 |
| Jul-06 | 64,130 | 13,968 | 11,700 | 1,375 | 15,706 | 4,546 | 111,425 |
| Jun-06 | 64,201 | 14,187 | 11,701 | 1,372 | 15,733 | 4,522 | 111,716 |
| May-06 | 63,913 | 14,078 | 11,687 | 1,360 | 15,776 | 4,443 | 111,257 |
| Apr-06 | 63,903 | 14,080 | 11,690 | 1,354 | 15,692 | 4,365 | 111,084 |
| Mar-06 | 63,919 | 14,246 | 11,709 | 1,339 | 15,705 | 4,314 | 111,232 |
| Feb-06 | 63,288 | 14,135 | 11,665 | 1,333 | 15,638 | 4,298 | 110,357 |
| Jan-06 | 63,007 | 14,040 | 11,714 | 1,337 | 15,674 | 4,238 | 110,010 |
| Dec-05 | 62,715 | 14,026 | 11,772 | 1,342 | 15,939 | 3,894 | 109,688 |
| Nov-05 | 62,678 | 13,845 | 11,736 | 1,334 | 15,892 | 3,815 | 109,300 |
| Oct-05 | 63,051 | 13,939 | 11,685 | 1,339 | 15,845 | 3,801 | 109,660 |
| Sep-05 | 62,979 | 14,055 | 11,631 | 1,327 | 15,767 | 3,728 | 109,487 |
| Aug-05 | 62,786 | 13,948 | 11,557 | 1,329 | 15,665 | 3,689 | 108,974 |
| Jul-05 | 62,560 | 13,854 | 11,500 | 1,332 | 15,579 | 3,710 | 108,535 |
| Jun-05 | 62,585 | 13,865 | 11,424 | 1,325 | 15,537 | 3,698 | 108,434 |
| May-05 | 62,468 | 13,852 | 11,439 | 1,322 | 15,462 | 3,668 | 108,211 |
| Apr-05 | 62,314 | 13,953 | 11,438 | 1,318 | 15,414 | 3,630 | 108,067 |
| Mar-05 | 61,954 | 13,970 | 11,435 | 1,318 | 15,356 | 3,592 | 107,625 |
| Feb-05 | 61,586 | 13,803 | 11,453 | 1,320 | 15,210 | 3,529 | 106,901 |
| Jan-05 | 61,456 | 13,772 | 11,461 | 1,312 | 15,165 | 3,504 | 106,670 |
| Dec-04 | 61,218 | 13,699 | 11,458 | 1,303 | 15,036 | 3,466 | 106,180 |
| Nov-04 | 61,193 | 13,551 | 11,467 | 1,296 | 14,965 | 3,412 | 105,884 |
| Oct-04 | 61,399 | 13,617 | 11,459 | 1,303 | 14,961 | 3,394 | 106,133 |
| Sep-04 | 61,433 | 13,689 | 11,433 | 1,305 | 14,860 | 3,392 | 106,112 |
| Aug-04 | 61,404 | 13,607 | 11,399 | 1,311 | 14,791 | 3,384 | 105,896 |
| Jul-04 | 61,262 | 13,667 | 11,393 | 1,307 | 14,697 | 3,345 | 105,671 |
| Jun-04 | 60,949 | 13,456 | 11,357 | 1,310 | 14,623 | 3,327 | 105,022 |
| May-04 | 60,985 | 13,452 | 11,318 | 1,299 | 14,555 | 3,322 | 104,931 |
| Apr-04 | 60,923 | 13,490 | 11,325 | 1,300 | 14,459 | 3,317 | 104,814 |
| Mar-04 | 60,354 | 13,422 | 11,299 | 1,301 | 14,417 | 3,267 | 104,060 |
| Feb-04 | 60,031 | 13,248 | 11,259 | 1,299 | 14,246 | 3,270 | 103,353 |
| Jan-04 | 59,853 | 13,192 | 11,334 | 1,293 | 14,215 | 3,262 | 103,149 |

New Hampshire Medicaid Program Enrollment Forecast SFY 2011-2013 Update

| Month | TANF Child | TANF Adult | Elderly | Disabled Child | Disabled Adult | Misc | Total |
|--------|------------|------------|---------|----------------|----------------|-------|---------|
| Dec-03 | 59,365 | 12,943 | 11,303 | 1,294 | 14,090 | 3,214 | 102,209 |
| Nov-03 | 59,178 | 12,796 | 11,288 | 1,299 | 14,030 | 3,208 | 101,799 |
| Oct-03 | 59,166 | 12,890 | 11,292 | 1,311 | 14,001 | 3,188 | 101,848 |
| Sep-03 | 58,825 | 12,830 | 11,220 | 1,298 | 13,912 | 3,169 | 101,254 |
| Aug-03 | 58,578 | 12,724 | 11,197 | 1,297 | 13,861 | 3,176 | 100,833 |
| Jul-03 | 58,416 | 12,684 | 11,161 | 1,292 | 13,768 | 3,198 | 100,519 |
| Jun-03 | 58,113 | 12,615 | 11,135 | 1,282 | 13,665 | 3,230 | 100,040 |
| May-03 | 58,042 | 12,708 | 11,095 | 1,284 | 13,630 | 3,207 | 99,966 |
| Apr-03 | 57,633 | 12,677 | 11,042 | 1,279 | 13,570 | 3,163 | 99,364 |
| Mar-03 | 57,053 | 12,607 | 11,059 | 1,278 | 13,487 | 3,164 | 98,648 |
| Feb-03 | 56,428 | 12,472 | 11,039 | 1,272 | 13,375 | 3,109 | 97,695 |
| Jan-03 | 55,812 | 12,386 | 11,024 | 1,264 | 13,292 | 3,100 | 96,878 |
| Dec-02 | 55,308 | 12,235 | 11,036 | 1,251 | 13,212 | 3,102 | 96,144 |
| Nov-02 | 54,886 | 12,186 | 11,018 | 1,249 | 13,143 | 3,084 | 95,566 |
| Oct-02 | 54,949 | 12,229 | 11,031 | 1,246 | 13,114 | 3,089 | 95,658 |
| Sep-02 | 54,380 | 12,116 | 10,929 | 1,245 | 13,001 | 3,051 | 94,722 |
| Aug-02 | 53,762 | 12,072 | 10,882 | 1,240 | 12,961 | 3,042 | 93,959 |
| Jul-02 | 53,525 | 12,065 | 10,859 | 1,243 | 12,902 | 3,025 | 93,619 |
| Jun-02 | 53,066 | 11,906 | 10,811 | 1,245 | 12,877 | 3,028 | 92,933 |
| May-02 | 52,956 | 12,074 | 10,809 | 1,250 | 12,788 | 2,999 | 92,876 |
| Apr-02 | 52,624 | 12,091 | 10,799 | 1,248 | 12,711 | 2,989 | 92,462 |
| Mar-02 | 51,946 | 12,110 | 10,844 | 1,240 | 12,621 | 2,964 | 91,725 |
| Feb-02 | 51,255 | 11,916 | 10,811 | 1,228 | 12,417 | 2,964 | 90,591 |
| Jan-02 | 50,709 | 11,862 | 10,847 | 1,232 | 12,328 | 2,941 | 89,919 |
| Dec-01 | 50,067 | 11,610 | 10,819 | 1,229 | 12,223 | 2,915 | 88,863 |
| Nov-01 | 49,568 | 11,555 | 10,789 | 1,222 | 12,103 | 2,921 | 88,158 |
| Oct-01 | 49,072 | 11,495 | 10,774 | 1,236 | 12,106 | 2,917 | 87,600 |
| Sep-01 | 48,226 | 11,283 | 10,789 | 1,245 | 11,987 | 2,899 | 86,429 |
| Aug-01 | 47,863 | 11,174 | 10,789 | 1,250 | 11,961 | 2,895 | 85,932 |
| Jul-01 | 47,555 | 11,101 | 10,769 | 1,232 | 11,926 | 2,910 | 85,493 |
| Jun-01 | 47,143 | 10,921 | 10,773 | 1,228 | 11,885 | 2,864 | 84,814 |
| May-01 | 47,047 | 10,890 | 10,759 | 1,242 | 11,803 | 2,837 | 84,578 |
| Apr-01 | 46,815 | 10,765 | 10,768 | 1,240 | 11,788 | 2,806 | 84,182 |
| Mar-01 | 46,235 | 10,768 | 10,801 | 1,243 | 11,711 | 2,804 | 83,562 |
| Feb-01 | 46,201 | 10,745 | 10,782 | 1,246 | 11,614 | 2,774 | 83,362 |
| Jan-01 | 46,113 | 10,824 | 10,787 | 1,238 | 11,610 | 2,754 | 83,326 |
| Dec-00 | 46,028 | 10,693 | 10,728 | 1,256 | 11,446 | 2,720 | 82,871 |
| Nov-00 | 45,893 | 10,670 | 10,679 | 1,275 | 11,472 | 2,692 | 82,681 |
| Oct-00 | 46,307 | 10,829 | 10,696 | 1,278 | 11,491 | 2,633 | 83,234 |
| Sep-00 | 46,158 | 10,862 | 10,624 | 1,282 | 11,517 | 2,621 | 83,064 |

New Hampshire Medicaid Program Enrollment Forecast SFY 2011-2013 Update

| Month | TANF Child | TANF Adult | Elderly | Disabled Child | Disabled Adult | Misc | Total |
|--------|------------|------------|---------|----------------|----------------|-------|--------|
| Aug-00 | 45,911 | 10,796 | 10,587 | 1,282 | 11,538 | 2,599 | 82,713 |
| Jul-00 | 45,866 | 10,878 | 10,531 | 1,303 | 11,448 | 2,606 | 82,632 |
| Jun-00 | 45,680 | 10,770 | 10,515 | 1,298 | 11,490 | 2,647 | 82,400 |
| May-00 | 45,663 | 10,874 | 10,481 | 1,309 | 11,510 | 2,634 | 82,471 |
| Apr-00 | 45,792 | 10,918 | 10,433 | 1,312 | 11,450 | 2,621 | 82,526 |
| Mar-00 | 45,663 | 10,952 | 10,455 | 1,319 | 11,437 | 2,595 | 82,421 |
| Feb-00 | 45,384 | 10,845 | 10,441 | 1,318 | 11,365 | 2,604 | 81,957 |
| Jan-00 | 45,464 | 10,896 | 10,450 | 1,329 | 11,331 | 2,564 | 82,034 |
| Dec-99 | 45,283 | 10,840 | 10,360 | 1,338 | 11,243 | 2,550 | 81,614 |
| Nov-99 | 45,732 | 10,966 | 10,309 | 1,344 | 11,248 | 2,554 | 82,153 |
| Oct-99 | 46,500 | 11,171 | 10,370 | 1,361 | 11,248 | 2,530 | 83,180 |
| Sep-99 | 46,218 | 11,150 | 10,272 | 1,360 | 11,231 | 2,545 | 82,776 |
| Aug-99 | 46,241 | 11,238 | 10,314 | 1,358 | 11,154 | 2,524 | 82,829 |
| Jul-99 | 46,038 | 11,309 | 10,319 | 1,361 | 11,108 | 2,525 | 82,660 |
| Jun-99 | 45,947 | 11,343 | 10,324 | 1,360 | 11,112 | 2,520 | 82,606 |
| May-99 | 46,168 | 11,656 | 10,241 | 1,356 | 11,044 | 2,444 | 82,909 |
| Apr-99 | 45,920 | 11,743 | 10,308 | 1,358 | 11,008 | 2,432 | 82,769 |
| Mar-99 | 45,545 | 11,838 | 10,308 | 1,347 | 10,924 | 2,403 | 82,365 |
| Feb-99 | 44,598 | 11,611 | 10,219 | 1,349 | 10,768 | 2,383 | 80,928 |
| Jan-99 | 43,456 | 11,429 | 10,144 | 1,344 | 10,641 | 2,357 | 79,371 |
| Dec-98 | 42,466 | 11,232 | 10,067 | 1,340 | 10,718 | 2,323 | 78,146 |
| Nov-98 | 42,443 | 11,393 | 9,873 | 1,336 | 10,704 | 2,298 | 78,047 |
| Oct-98 | 42,396 | 11,656 | 9,809 | 1,345 | 10,727 | 2,253 | 78,186 |
| Sep-98 | 42,130 | 11,627 | 9,779 | 1,351 | 10,680 | 2,235 | 77,802 |
| Aug-98 | 42,170 | 11,669 | 9,712 | 1,346 | 10,716 | 2,235 | 77,848 |
| Jul-98 | 42,032 | 11,722 | 9,673 | 1,328 | 10,721 | 2,258 | 77,734 |
| Jun-98 | 41,958 | 11,743 | 9,638 | 1,317 | 10,662 | 2,273 | 77,591 |
| May-98 | 42,096 | 11,752 | 9,608 | 1,310 | 10,655 | 2,251 | 77,672 |
| Apr-98 | 42,314 | 11,873 | 9,593 | 1,297 | 10,620 | 2,259 | 77,956 |
| Mar-98 | 42,535 | 12,018 | 9,677 | 1,292 | 10,652 | 2,255 | 78,429 |
| Feb-98 | 42,393 | 12,011 | 9,722 | 1,280 | 10,611 | 2,237 | 78,254 |
| Jan-98 | 42,396 | 12,113 | 9,760 | 1,278 | 10,581 | 2,231 | 78,359 |