

# Fiscal Facts

Federal Reserve Bank of Boston

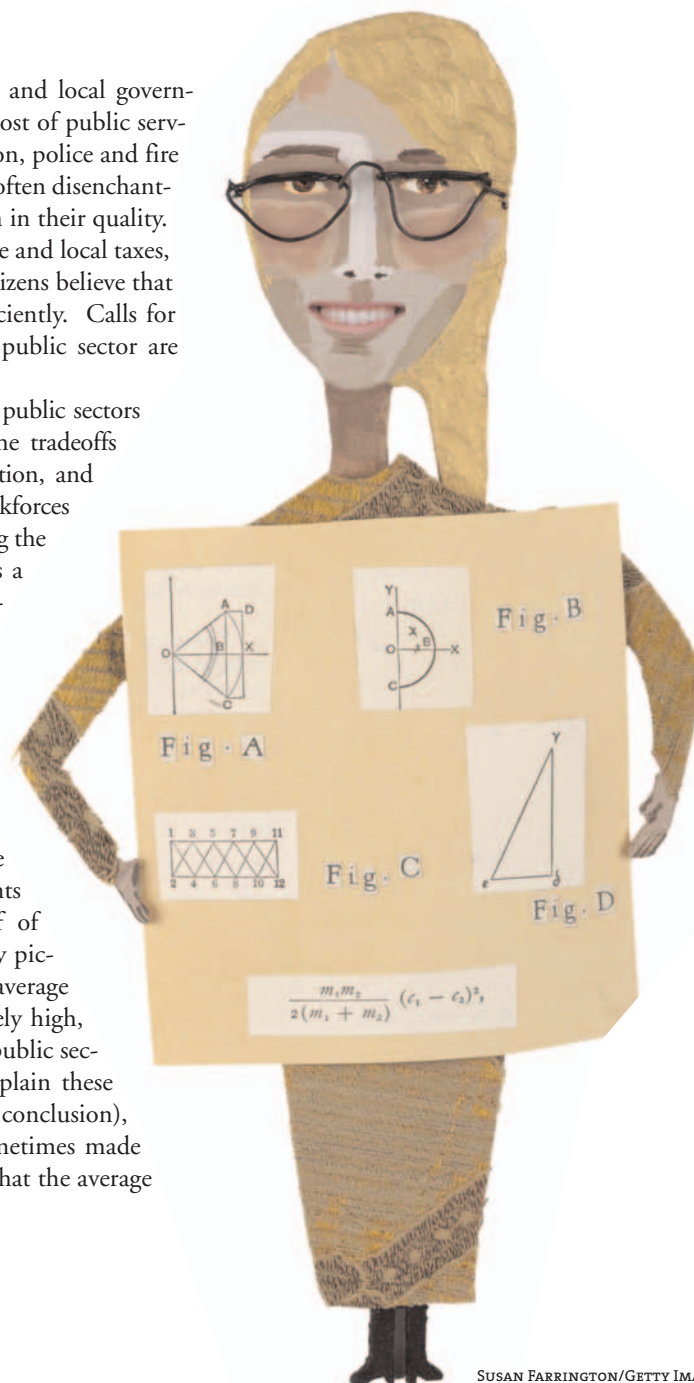
## Do New England State and Local Governments Have Too Many Employees, and Are They Overpaid?

by Nick Turner and E. Matthew Quigley

Americans tend to be ambivalent about their state and local governments. On the one hand, they desire – and receive – a host of public services from state and local governments, including education, police and fire protection, and the maintenance of roadways. Voters are often disenchanted by efforts to curtail these services or by a deterioration in their quality. On the other hand, many Americans think that their state and local taxes, especially local property taxes, are too high, and many citizens believe that their state and local tax dollars could be used more efficiently. Calls for streamlining government agencies and downsizing the public sector are commonplace across the nation.

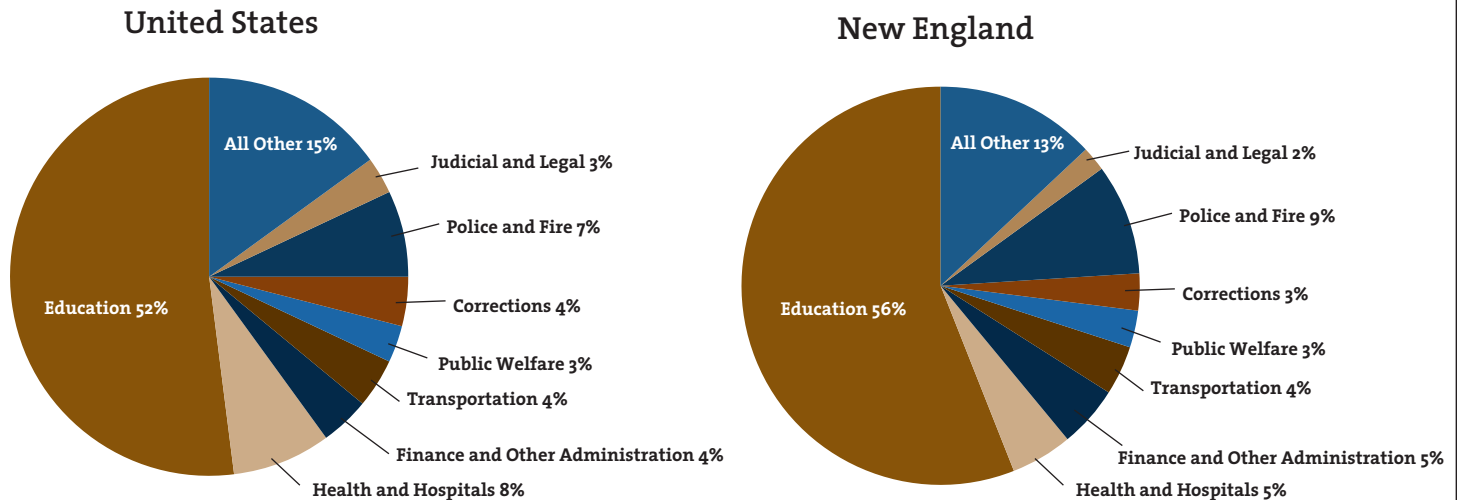
To assess the efficiency of the region’s state and local public sectors and to help New England policymakers grapple with the tradeoffs involved, this article examines the relative size, composition, and compensation of New England’s state and local public workforces using the latest Census data. Comparisons are made among the New England states, the entire region, and the nation as a whole. Throughout the article, the term “public employees” refers to state and local public employees; federal-government employees are not included in this analysis.

A key finding is that New England employs relatively fewer public employees per capita than the nation. Although the region has more public employees per capita at the state level, this is more than made up for by a “leaner” per capita local public sector workforce. This result is somewhat surprising, since New England has a greater number of local governments per capita, limiting the region’s ability to avail itself of economies of scale in public service provision. The salary picture similarly does not show major excesses. While the average salary of the region’s state and local employees is relatively high, as a percentage of personal income New England’s total public sector payroll is low. While a number of factors could explain these salary and employment findings (some are offered in the conclusion), they are hard to reconcile with the characterization sometimes made that the region’s public sector is too large or bloated, or that the average state or local public employee is overpaid.



## Chart 1: Employment by Sector in New England and the Nation

As of March 2003



### Public Employment in New England

From 1982 to 2003, state and local public employment in New England grew at an average annual rate of 1.1 percent. This was just 0.2 percentage points slower than growth in total private nonagricultural employment over the same period. The growth in public employment was not even from year to year. Governments tended to add workers most rapidly when the economy, and therefore tax revenues, were growing robustly. In New England, employment in state and local government increased at roughly 2 percent per year during the boom years of 1985 to 1988. Conversely, during the 1981 to 1982 recession, state and local public employment in New England contracted by slightly more than 3 percent, and in the recessionary period of the early 1990s, it contracted by just over 1 percent. More recently, during the boom years of the late 1990s, state and local public employment in the region increased by about 2 percent per year.

Evidence suggests that the historical pattern observed in the slowdowns of 1981 and 1991 held true for the most recent slowdown, which began in 2001. In response to collapsing revenues and the ensuing fiscal crisis in 2001, many states began to enact hiring freezes. Layoffs followed as conditions deteriorated into 2002.<sup>1</sup> Continuing weakness in revenue collections and spending pressures from programs such as Medicaid coupled to make workforce reductions an ongoing target of budget officials. Between 2002 and 2003, state and local public employment contracted by slightly more than 1 percent in the region.

Despite these ebbs and flows, by many measures the relative size of public employment overall has remained largely unchanged in New England. In 1981, 1991, and 2003, total state and local public employment accounted for 10 percent of the region's total nonagricultural employment. The mix of public employment between state and local governments fluctuated slightly. In 1981, 33 percent of all public employees in New England worked at the state level. A decade later, this share had grown to 36 percent, and then by 2003 it had dropped back to 32 percent. The state share declined because demographic changes induced accelerated hiring in local education, while state hospitals cut their staffing levels.<sup>2</sup>

### The Composition of Public Employment in New England

The most current data on public employment at the state and local levels comes from the U.S. Census count as of March 2003. Nationally, of the roughly 16 million full time equivalent (FTE<sup>3</sup>) employees of state and local governments, 27 percent were state employees, and 73 percent were local employees. In New England, of the 734,000 FTEs, a slightly higher 31 percent worked for state governments, while 69 percent worked at the local level. Within the region, Rhode Island employed the highest proportion of workers in state government, 36 percent, while Massachusetts employed the lowest share, 28 percent.

Within both the nation and New England, the largest employer by far was the Education sector, accounting for 52 percent of total state and local employment nationally and 56 percent in New England (see Chart 1). All six New England states employed a larger share of total state and local workers in Education than the national average.

Other large categories of public employment nationally were Health and Hospitals (8 percent of FTE), Police and Fire (7 percent), Corrections, Transportation, and Financial and Other Administration (all at 4 percent). Employment shares were slightly different in the New England region. Police and Fire (9 percent) and Finance and Other Administration (5 percent) both had higher shares in the region than in the nation.

On the other hand, several sectors had smaller shares of total public employment in New England than nationally. Health and Hospitals (5 percent), Corrections (3 percent), Judicial and Legal (2 percent), and All Other (13 percent) are cases in point. Two sectors — Public Welfare (3 percent) and Transportation (4 percent) — had equal percentages of state and local public employment in New England and the United States.

From state to state, sector shares varied considerably. Education ranged from 65 percent of total public employment in Vermont to 54 percent in Massachusetts and Rhode Island. Police and Fire employment ranged from 11 percent of FTEs in Massachusetts and Rhode Island to 4 percent in Vermont. Health and Hospitals employed 8 percent of state and local workers in Connecticut, but just 2 percent in Vermont. Public Welfare employment ranged from 6 percent in New Hampshire to 3 percent in each of the other New England states. Shares of other major sectors exhibited less variance across states.

Overall, New England's public employment *per capita* in 2003 was significantly less than the national average. In fact, at 518 FTE employees per 10,000 residents, New England employed 4 percent fewer public workers per capita than the nation. Within the region, this ratio exhibited a wide range of values, from a high of 625 workers per 10,000 in population in Vermont to a low of 498 workers per 10,000 in population in Massachusetts (see Table 1).

## State Government Workers

While *total* public employment per capita in New England was significantly less than the national average, public employment per capita in *state government* was significantly greater in New England than in the nation as a whole. In fact, five of the six New England states had relatively more state workers per capita than their peers nationwide, bringing the region's aggregate state employment per capita to a level more than 11 percent higher than the national average. This regional average, however, masks large interstate differences across New England. At 142 FTEs per 10,000 residents, Massachusetts' state employment was just one percent less than the nation's. Vermont's state employment, by contrast, was 218 FTEs per 10,000 residents, over 51 percent more than the national average.

For all six New England states, state employment per capita was especially high in the non-Education sectors. Overall, the region had 108 non-Education workers per 10,000 in population, 24 percent more than the national average. Within this broad amalgam, state-paid employment was especially high in five sectors: Finance and Other Administration, Judicial and Legal, Police and Fire, Public Welfare, and Health and Hospitals.

In Education, the New England states employed 9 percent fewer state workers per capita than nationwide — 52 workers per 10,000 residents versus 57 nationally. Nearly half of this difference is attributable to the fact that far fewer state employees were involved in educational *instruction* in New England than nationwide; however, New England's per capita state-paid employment in *non-instructional* education also lagged the nation's. New England's per capita state employment in non-instructional *higher education* was especially low relative to the nation's.

**Table 1. State and Local Government Employment Per 10,000 Population**

March 2003 Full-time Equivalent Employees

|                          | U.S. Average | New England Average | CT  | ME  | MA  | NH  | RI  | VT  |
|--------------------------|--------------|---------------------|-----|-----|-----|-----|-----|-----|
| <b>State</b>             |              |                     |     |     |     |     |     |     |
| Education                | 57           | 52                  | 52  | 58  | 43  | 59  | 63  | 82  |
| Non-Education            | 87           | 108                 | 120 | 109 | 99  | 99  | 123 | 136 |
| Total                    | 144          | 160                 | 172 | 167 | 142 | 158 | 186 | 218 |
| <b>Local</b>             |              |                     |     |     |     |     |     |     |
| Education                | 231          | 240                 | 230 | 291 | 228 | 252 | 220 | 325 |
| Non-Education            | 167          | 117                 | 104 | 116 | 128 | 119 | 114 | 80  |
| Total                    | 398          | 357                 | 334 | 407 | 356 | 371 | 334 | 405 |
| <b>State &amp; Local</b> |              |                     |     |     |     |     |     |     |
| Education                | 288          | 292                 | 282 | 349 | 271 | 311 | 283 | 408 |
| Non-Education            | 254          | 226                 | 224 | 225 | 227 | 218 | 237 | 217 |
| Total                    | 542          | 518                 | 506 | 574 | 498 | 529 | 520 | 625 |

Source: U.S. Bureau of the Census, *Public Employment and Payroll in 2003*.

Note: Columns may not add because of rounding.

**Table 2. State and Local Government Payroll per \$1,000 of State Personal Income**

*Full-time Equivalent Employees as of March 2003 (dollars)*

| State                    | United States | New England | CT   | ME   | MA   | NH   | RI   | VT   |
|--------------------------|---------------|-------------|------|------|------|------|------|------|
| <b>State</b>             |               |             |      |      |      |      |      |      |
| Education                | 0.69          | 0.54        | 0.58 | 0.67 | 0.42 | 0.63 | 0.71 | 0.96 |
| Non-Education            | 1.00          | 1.17        | 1.21 | 1.29 | 1.06 | 0.88 | 1.69 | 1.61 |
| Total                    | 1.69          | 1.70        | 1.79 | 1.96 | 1.49 | 1.51 | 2.40 | 2.57 |
| <b>Local</b>             |               |             |      |      |      |      |      |      |
| Education                | 2.42          | 2.25        | 2.12 | 2.71 | 2.14 | 2.14 | 2.85 | 2.94 |
| Non-Education            | 1.97          | 1.19        | 0.99 | 1.10 | 1.34 | 1.13 | 1.36 | 0.75 |
| Total                    | 4.39          | 3.44        | 3.12 | 3.81 | 3.48 | 3.26 | 4.21 | 3.69 |
| <b>State &amp; Local</b> |               |             |      |      |      |      |      |      |
| Education                | 3.11          | 2.79        | 2.70 | 3.38 | 2.56 | 2.77 | 3.56 | 3.91 |
| Non-Education            | 2.97          | 2.36        | 2.21 | 2.42 | 2.40 | 2.00 | 3.05 | 2.35 |
| Total                    | 6.08          | 5.14        | 4.91 | 5.80 | 4.96 | 4.77 | 6.61 | 6.26 |

Source: U.S. Bureau of the Census, *Public Employment and Payroll in 2003*.

Note: Columns may not add because of rounding.

## Local Government Workers

As noted earlier in this article, per capita *local* government employment in New England is low relative to that of the nation. Nationally, local governments employed an average of 398 workers for every 10,000 residents. Regionally, local governments employed an average of 357 workers per 10,000 in population, 9 percent less than the national average. Non-Education employment accounts for this difference. Across the region, New England localities employed only 117 non-Education workers per 10,000 residents, a full 30 percent less than the national average. Within the non-Education grouping, sectors where per capita local employment was significantly lower than the nation's include Health and Hospitals, Judicial and Legal, and Public Welfare. In Education, where the region's per capita local employment exceeded the nation's, the number of workers per capita was greater in primary and secondary instructional education.

As with state employment, average local-public-employment-to-population ratios varied within the region. Two states, Maine and Vermont, had local-employment-to-population ratios that exceeded the national average. Maine had 407 FTEs per 10,000 residents, while Vermont was slightly lower, with 405 FTEs per 10,000 in population, both exceeding the national average by roughly 2 percent. In these states, local employment was particularly high in school staffing, especially instructors. Rhode Island was at the other extreme, employing 333 local workers for every 10,000 in population, 16 percent below the national average. The lack of local staffing of correctional facilities in the Ocean State coupled with strongly centralized Public Welfare, Health and Hospitals, and Judicial and Legal systems largely accounts for this difference. Connecticut, at 334 local employees per 10,000 residents, also lagged 16 percent behind the national average. Local employment in Health and Hospitals, Corrections, and Public Welfare was especially low the Nutmeg State.

In short, at the level of *state government*, New England exceeded national average per capita staffing levels in almost all categories. But at the level of *local government*, per capita employment was on the low side, especially in health care and non-instructional elemen-



## “Do New England State and Local Governments Have Too Many Employees, and Are They Overpaid?”

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**Table 2. (Revised) State and Local Government Payroll per \$1,000 of State Personal Income  
March 2003 Full-time Equivalents**

|                          | United States | New England | CT    | ME    | MA    | NH    | RI    | VT    |
|--------------------------|---------------|-------------|-------|-------|-------|-------|-------|-------|
| <b>State</b>             |               |             |       |       |       |       |       |       |
| Education                | 8.23          | 6.45        | 6.90  | 8.06  | 5.08  | 7.56  | 8.54  | 11.56 |
| Non-Education            | 11.99         | 13.98       | 14.53 | 15.47 | 12.75 | 10.53 | 20.28 | 19.27 |
| Total                    | 20.22         | 20.43       | 21.43 | 23.53 | 17.83 | 18.10 | 28.82 | 30.83 |
| <b>Local</b>             |               |             |       |       |       |       |       |       |
| Education                | 29.08         | 26.99       | 25.49 | 32.56 | 25.70 | 25.66 | 34.16 | 35.32 |
| Non-Education            | 23.64         | 14.30       | 11.93 | 13.22 | 16.06 | 13.50 | 16.37 | 8.99  |
| Total                    | 52.72         | 41.29       | 37.43 | 45.77 | 41.76 | 39.16 | 50.53 | 44.32 |
| <b>State &amp; Local</b> |               |             |       |       |       |       |       |       |
| Education                | 37.31         | 33.44       | 32.39 | 40.61 | 30.78 | 33.22 | 42.70 | 46.88 |
| Non-Education            | 35.63         | 28.28       | 26.55 | 29.01 | 28.76 | 24.04 | 36.65 | 28.26 |
| Total                    | 72.94         | 61.72       | 58.94 | 69.62 | 59.54 | 57.26 | 79.35 | 75.14 |

Source: U.S. Bureau of the Census, Public Employment and Payroll in 2003; Bureau of Economic Analysis, Personal Income in 2003  
Note: Annual salary equals March 2003 salary times 12.

### Error described:

Figures originally published in Table 2 of this article were found by taking the monthly March payroll for 2003 and dividing it by the annual state personal income (in 1,000 dollars). This statistic is misleading because it takes a monthly value for payroll and divides it by an annual payroll for state personal income. The values in the corrected graph were found by first multiplying the monthly March payroll for 2003 by 12, to get the annual figure, and then dividing by state personal income (in 1,000 dollars).

tary and secondary schooling. However, New England had a greater than average number of local-government teachers per capita.

## Wages and Salaries

U.S. state and local public sector payrolls totaled roughly \$55 billion in 2003 – \$3 billion of which was paid in New England. Put another way, out of every \$1,000 of personal income earned by Americans in 2003, \$6.08 went to meet state and local government payroll obligations. In New England, this amount was \$5.14 per \$1,000 of personal income (see Table 2). Within New England, taxpayers in Rhode Island and Vermont put a higher than average share of personal income toward state and local payroll costs, while Connecticut, Maine, Massachusetts, and New Hampshire all had shares that were below the national average.

At the level of state government, payroll costs relative to personal income were almost identical in New England and the United States as a whole. State payrolls cost all Americans on average \$1.69 per \$1,000 of personal income; the comparable figure for all New Englanders was less than 1 percent more. The experience across New England was mixed. Vermont, at \$2.57 per \$1,000, and Rhode Island, at \$2.40 per \$1,000, had the highest state “payroll burdens,” exceeding the national average by 52 percent and 42 percent, respectively. Conversely, Massachusetts, at \$1.49 per \$1,000, and New Hampshire, at \$1.51 per \$1,000, had state payroll burdens that were below the national average by 12 percent and 11 percent, respectively.

Local-government payrolls cost Americans \$4.39 per \$1,000 of personal income, on average. In New England, local-government salaries were 22 percent less costly, averaging \$3.44 per \$1,000 of personal income. In Connecticut, local payrolls cost a mere \$3.12 per \$1,000, nearly 40 percent below the national average. Even in Rhode Island, the state with the highest local-government payroll burden in the region, local payrolls per \$1,000 of personal income were still 4 percent below the national average.

## Average Salaries for State and Local Employees

Wages and salaries paid per worker by state and local governments were, on average, 8 percent higher in New England than in nation as a whole. State governments in New England paid an average salary in 2003 of \$47,904 – 11 percent more than the national average (see Table 3).<sup>4</sup> Connecticut had the highest average state-paid salary, \$52,920 – 22 percent above the national average. Three New England states, New Hampshire, Maine, and Vermont, had average state-paid salaries below the national average.

At the local level, New England’s public employees earned an average salary of \$43,284, 6 percent greater than the comparable national figure. Once again, Connecticut was the regional leader, with a salary of \$47,580, 16 percent more than the national average. Also mirroring the performance of their state salaries, local salaries in Maine, New Hampshire, and Vermont were all lower than the national average.

## Education Salaries

Across both state and local government, employees working in New England in the Education sector earned roughly 7 percent more than their national peers in 2003. Both non-instructional and instructional workers had higher earnings in New England. State education workers across New England earned 5 percent more than the national average. Among educational instructors, the higher state pay in New England was

**Table 3. Average Annual Salary Paid by State and Local Governments** (dollars)

|                          | United States | New England | CT     | ME     | MA     | NH     | RI     | VT     |
|--------------------------|---------------|-------------|--------|--------|--------|--------|--------|--------|
| <b>State</b>             |               |             |        |        |        |        |        |        |
| Education                | 44,580        | 47,028      | 56,124 | 39,636 | 45,876 | 43,380 | 42,504 | 43,548 |
| Non-Education            | 42,432        | 48,312      | 51,528 | 40,788 | 50,328 | 37,308 | 51,156 | 42,060 |
| Total                    | 43,284        | 47,904      | 52,920 | 40,380 | 48,984 | 39,588 | 48,216 | 42,624 |
| <b>Local</b>             |               |             |        |        |        |        |        |        |
| Education                | 38,856        | 42,108      | 47,148 | 31,692 | 43,776 | 35,292 | 48,876 | 32,544 |
| Non-Education            | 43,656        | 45,694      | 48,528 | 33,144 | 48,744 | 38,844 | 45,093 | 35,568 |
| Total                    | 40,872        | 43,284      | 47,580 | 32,100 | 45,564 | 36,432 | 47,580 | 33,144 |
| <b>State &amp; Local</b> |               |             |        |        |        |        |        |        |
| Education                | 39,996        | 42,972      | 48,072 | 33,012 | 44,112 | 36,828 | 47,448 | 34,764 |
| Non-Education            | 43,236        | 46,956      | 50,136 | 36,840 | 49,440 | 38,148 | 48,240 | 39,648 |
| Total                    | 41,508        | 44,712      | 49,392 | 34,512 | 46,536 | 37,380 | 47,808 | 36,468 |

Source: U.S. Bureau of the Census, *Public Employment and Payroll in 2003*.  
Note: Annual salary equals March 2003 salary times 12.

entirely attributable to instruction at the primary and secondary levels, where instructors earned 6 percent more than the national average. State-paid higher-education instructors actually earned 2 percent less than the comparable national average. Non-instructional state employees at all educational levels earned more in New England than in the nation as a whole.

Within the region at the state level, Connecticut had the highest average education salary, \$56,124 – 26 percent more than the national average, although the Connecticut figure includes only higher-education employees. Among the states with education workers at primary and secondary schools as well as at higher-education institutions, Massachusetts had the highest average salary, \$45,876 – 3 percent more than the national average. Maine, which paid its state education employees an average of only \$39,636 in 2003, had the region's lowest average salary for state education workers.

Education salaries paid by local governments in New England were just over 8 percent higher than education salaries paid by local governments nationwide, although salaries differed dramatically by employment type. Higher-education instructors were paid 37 percent *less* by local governments in New England compared with the nation. In contrast, both instructional and non-instructional employees at the primary and secondary levels earned more in local-government employment regionally than nationally. At \$48,876, Rhode Island's average local education salary, which includes only primary and secondary employees, was the highest in the region, 26 percent greater than the national average. At \$31,692, Maine's average local education salary, which also includes only primary and secondary employees, was the lowest in the region, 18 percent lower than the comparable national figure. Massachusetts was the only state in the region that, like the United States as a whole, had education employees at the primary and secondary as well as the higher education levels. Massachusetts also had higher educational salaries than the comparable national averages in most categories.

## Non-Education Salaries

In non-Education sectors – Health and Hospitals, Finance and Other Administration, Transportation, Public Welfare, Corrections, Police and Fire, Judicial and Legal, and All Other – the New England region had consistently higher average salaries than the United States average. The largest gaps were in Corrections (18 percent more) and Transportation (17 percent more). Smaller gaps were in Finance and Other Administration (1 percent more) and Police and Fire (3 percent more).

Across the non-Education sectors *at the state level*, the New England salaries were higher than the national average in every category except Judicial and Legal. The largest gaps were observed in Public Welfare (25 percent), Corrections (22 percent), and Health and Hospitals (19 percent). Disparities were especially large in several New England states. In Connecticut, state salaries exceeded the national average by 55 percent in Public Welfare and by 40 percent in Health and Hospitals. Likewise, in Massachusetts and Rhode Island, state Corrections salaries outpaced the national average salary by 30 percent and 41 percent, respectively. Some non-Education state-paid salaries *did* lag the national average. New Hampshire trailed the national average in every non-Education category; Maine, in five categories; and Vermont, in four.

Local non-Education salaries for New England were nearly 5 percent higher than the national average, led by higher salaries in Transportation (8 percent) and Corrections (6 percent). Despite having high local non-Education salaries overall, the region trailed the nation in several categories, including Public Welfare (14 percent) and Judicial and Legal (6 percent). The regional average masks substantial intra-regional variation. In Maine, local salaries averaged less than the comparable national salaries in every non-Education category, ranging from 38 percent less in Judicial and Legal to 16 percent less in Health and Hospitals. Meanwhile, local salaries in Massachusetts surpassed the national average in all non-Education categories except Public Welfare, where the average pay was 11 percent below the national average.

In summary, public sector salaries were generally higher in New England than in the nation as a whole. This is true for both state and local employees and is constant across education and non-education jobs. However, when these salaries are evaluated relative to the personal income earned by New England residents, who pay a large portion of New England's state and local taxes, the region's public sector payrolls do not appear burdensome. State salaries represent a slightly larger share of personal income than the national average in New England, 1 penny more per \$1,000 of personal income. However, local employee salaries are significantly lower in the region than in the nation, nearly one dollar less per \$1,000 of personal income.

## Conclusion

The picture that emerges from these statistics is one of a relatively lean and competitive public sector workforce in New England. Compared with the nation, New England employs fewer public workers per capita, and the salaries of these workers represent a smaller share of the personal income of state residents. The relative mix of employment type may be partially responsible for these differences. New England employs comparatively more education workers, who earn, on average, less than non-education public employees. The avail-

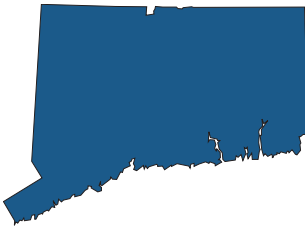
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# Across the Region

## Six-State Review

by Nick Turner

Revenue collections were strong across New England during the first two-thirds of FY05 (July 2004 through February 2005) compared with the same period one year earlier. All states experienced positive growth in total revenue, with increases ranging from 1.3 percent in New Hampshire to 9.1 percent in Connecticut.<sup>1</sup> Year-over-year revenue growth from the largest tax — the personal income tax in all states except New Hampshire where the business tax produces the most revenue—was also positive in all states. Revenue growth from these taxes ranged from a low of 5.1 percent in Maine to a high of 17.0 percent in New Hampshire. The performance of the second largest tax — the sales and use tax in all states except in New Hampshire, where the second-ranking tax is the meals and rooms tax — was mixed. Collections from these second-ranked taxes were up during the first eight months of FY05 in all New England states except Maine and Vermont, where collections dropped by 1.9 percent and 17.0 percent, respectively.<sup>2</sup>



### Connecticut

Collections in general-fund revenues were strong in Connecticut during the first eight months of FY05, increasing 9.1 percent from the same period in FY04. This was the largest percentage increase in general-fund revenues in New England during this period and was driven by increases in nearly every major tax category. Collections from the personal income tax, the state's largest tax, grew by 10.1 percent, while collections from the sales and use tax, the state's second largest tax, were up 3.7 percent. Corporate-tax revenues surged by 63 percent, although some of this growth reflects earlier tax filing by corporations. Declines in revenue were observed in only two major tax categories. The cigarette tax was off by 4.5 percent, and total public service corporation taxes were down by 2.2 percent.

In February, Governor M. Jodi Rell presented her first state budget, a two-year \$31.1 billion plan that includes both new taxes and spending cuts in order to close a projected budget gap of \$1.3 billion in FY06. The proposed budget would limit spending increases to 3.9 percent in each of the next two fiscal years. For FY06, a few major increases are proposed. Special education funding to cities and towns would be increased by \$26 million, or 38 percent, while major grants to cities and towns for education would increase by \$31 million, or 2 percent.

The proposed budget offers a total of \$298 million in new taxes, with \$140 million coming in FY06 and \$158 million in FY07. Much of this new revenue is created by higher "sin" taxes. Cigarette taxes would increase by \$0.74 per pack, to a new rate of \$2.25 per pack, an increase estimated to produce \$192 million in added revenue over the biennium. Several other tobacco products would see a tax increase from the current 20 percent of their wholesale value to 90 percent, bringing in \$32 million over the biennium. Alcohol taxes would increase by 15 percent, creating an additional \$15 million in both FY06 and FY07.

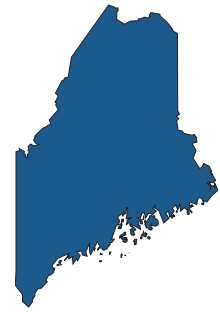
In contrast, the Governor proposed a slow phase-out of the corporate surcharge tax over the next three fiscal years. Although eliminating the surcharge will eventually reduce revenue significantly, it is still expected to generate \$67 million in FY06. The Governor's budget would enhance revenues from the corporate sector by reducing the net operating loss carryforward provision from 20 years to only 5 years. This change is expected to save the state \$7 million in FY06 and \$18 million in FY07. The Governor's budget also includes a new tax on nursing home services that is expected to generate \$139 million in FY06 and to allow Connecticut to receive additional federal monies, as much as \$118 million, for Medicaid.<sup>3</sup>

One portion of the Governor's budget that is receiving scrutiny is her proposal to spend \$1.3 billion on the state's transportation infrastructure. The plan calls for new transit buses, additional rail cars for Metro-North's New Haven line, and improvements to Interstate 95. To fund the plan, gasoline taxes would increase by 6 cents over the next eight years and then later decrease by 1 cent in 2016. Each 1 cent change in the gasoline tax is estimated to raise or lower tax revenues by approximately \$16 million per fiscal year. In addition, passengers on Metro-North's New Haven line would pay a surcharge of \$1 per ticket beginning in 2008 in order to fund renovations on that line.



## Maine

Total revenue growth was strong in Maine in the first two-thirds of FY05, increasing 7.4 percent from the same period one year earlier. This was the second largest percentage increase in New England over the period. The performance of the state's two largest taxes—the personal income tax and the sales and use tax—was mixed. While personal income tax collections increased 5.1 percent, sales and use tax collections contracted, dropping 1.9 percent in the face of both lower auto sales and lower sales of general merchandise. Bolstering total revenue growth were the estate tax and the corporate income tax. Buoyed by a strong real estate market, estate tax collections grew 34.8 percent. Corporate income tax collections also grew rapidly, increasing 35.4 percent.



Long awaited promises of property tax reform have finally come to fruition in Maine. In the shadow of last fall's failed ballot initiative for a property tax cap, and facing the prospect of another citizen referendum on the issue led by the Maine State Chamber of Commerce, Governor John Balducci and state lawmakers came to a consensus on a property tax reform package, LD1. Property tax relief is delivered through two programs, which are estimated to reduce the average property tax bill for Mainers by 13 percent. The first, the Maine Residents Property Tax Program, expands Maine's circuit breaker program. It doubles the maximum allowable property tax rebate from \$1,000 to \$2,000 for Mainers who pay more than 4 percent of their "adjusted" income in property taxes. The second program, the Homestead Program, increases from \$7,000 to \$13,000 the amount of home value that municipalities can deduct from principal residence properties when calculating property tax liabilities.

LD1 also clarifies the state's share of education funding and limits growth in state agency appropriations and in spending increases requested by the Governor. It obligates the state to pay 50 percent of education expenses by FY07 and 55 percent by FY09. The spending constraints imposed by LD1 are summarized in the table below. LD1 sets as a goal that by 2015 Maine's total state and local tax burden should be in the middle one-third of all states; an independent commission, appointed to measure progress toward this goal, is to make its first report by January 15, 2006.<sup>4</sup>

The Governor and lawmakers also came to a consensus on the state budget. With spending increases of only 3.5 percent, the new budget represents the lowest average general fund increase in 30 years. The budget contains a number of tax cuts, including \$225 million in immediate property tax relief, \$153 million in business-machinery tax cuts, and \$51 million in personal income tax cuts. Education spending is forecast to

### Summary of Maine State Spending Limits in LD1

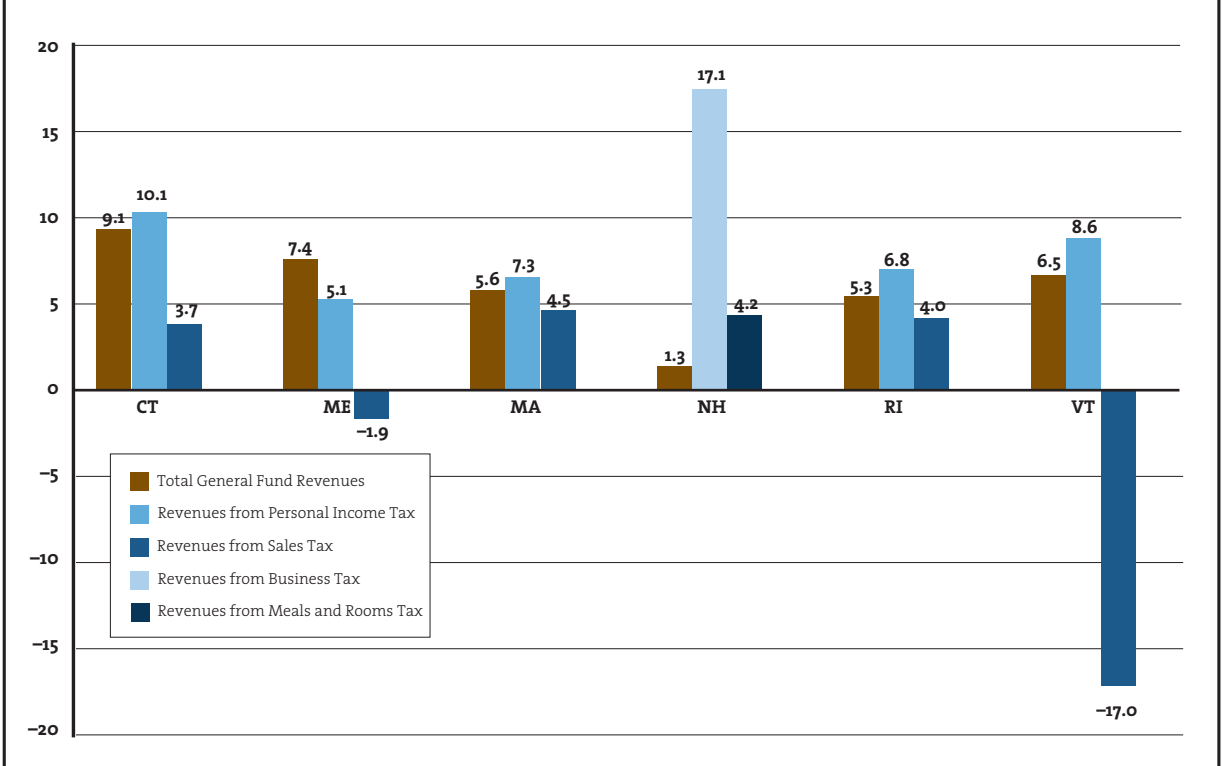
|                                  |   |
|----------------------------------|---|
| <b>Agency Budgets:</b>           | <i>General Fund (GF) appropriation requested by state agencies is limited to the lesser of</i><br>(1) the previous year's appropriations multiplied by one plus the average real rate* of personal income growth in the previous 10 years; or<br>(2) 2.75 percent   |
| <b>Governor's Request:</b>       | <i>When Maine's tax burden (determined by an appointed Commission) is in the highest one-third of states,</i><br>the budget submission may not exceed the GF appropriation from the previous year multiplied by one plus the lesser of (1) the average real rate* of personal income growth in the previous 10 years or (2) 2.75 percent plus the 10-year average rate of population growth.<br><br><i>When Maine's tax burden (determined by an appointed Commission) is in the middle one-third of states,</i><br>the budget submission may not exceed the GF appropriation from the previous year multiplied by one plus the average real rate* of personal income growth in the previous 10 years plus the 10-year average population growth plus the forecast inflation.** |
| <b>Exceptions to the Limits:</b> | <ol style="list-style-type: none"><li>1. Catastrophic events such as natural disaster, terrorism, war</li><li>2. Unfunded or underfunded state or federal mandates</li><li>3. Citizens' initiatives or referenda</li><li>4. Court orders</li><li>5. Loss of federal funding</li></ol>   |
| <b>Override Procedure:</b>       | State spending limits may be exceeded by a majority vote of both houses in the legislature in separate measures.  |

\*The real rate of growth in personal income is defined as the growth in the previous 10 calendar years and is calculated as the percent change in personal income as estimated by the U.S. Bureau of Economic Analysis minus the percent change in the Consumer Price Index as reported by the U.S. Bureau of Labor Statistics.

\*\*Forecast inflation is the forecasted change in the Consumer Price Index underlying the revenue estimates developed by the appointed committee.

## Growth in State Revenues

First Eight Months of FY2005 Compared with First Eight Months of FY2004



increase 8.3 percent in FY06 and 5.5 percent in FY07.

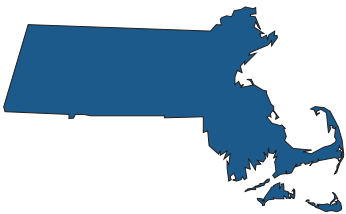
Several issues remain to be solved. For instance, no agreement has been reached on the Governor's lottery capitalization plan,<sup>5</sup> which involves capitalizing up to \$40 million of lottery revenues for the next ten years in order to generate \$250 million for use in the upcoming biennial budget. Governor Balducci has also outlined a proposal for nearly \$200 million in new state borrowing, including \$50 million for land acquisition and conservation, \$28 million for highways and bridges, and \$22 million for a statewide biomedical research and development fund.

## Massachusetts

Revenue growth got off to a strong start in the Bay State during the first eight months of FY05. Total general revenues increased 5.6 percent from the same period in FY04. Personal income tax collections were up by 7.3 percent, while sales and use taxes rose 4.5 percent, corporation excise taxes increased 8.9 percent, and other excise taxes were up by 7.7 percent. The overall strong revenue picture caused Revenue Commissioner Alan LeBovidge to declare: "With year-to-date collections well above benchmark, this bodes well for the end of fiscal year results."<sup>6</sup>

Governor Mitt Romney was also bullish on state revenue collections. In late March, the Governor raised his original revenue forecast for FY06 by \$164 million and cited the improved revenue outlook as further justification for the spending plans and tax cuts incorporated in his FY06 budget. This budget calls for \$23.2 billion in expenditures, an increase of 2 percent over the requested FY05 level. Spending growth would be concentrated in Chapter 70 education aid (up 2.5 percent), K-12 education aid (up 2.6 percent), and local non-education aid to cities and towns (up 4.3 percent). In contrast, the Governor proposed reductions for income-support programs (down 3.4 percent), Medicaid and other health programs (dropping 4.8 percent), and funding for the Department of Community Housing (down 7.7 percent).

Lawmakers on Beacon Hill were able to avoid potentially large expenditure increases in both state education aid and the Medicaid program. The recent decision by the State Supreme Judicial Court on the Hancock education finance case allowed the state to avoid mandated increases in education aid. The Court ruled against the plaintiff school districts and found that state spending on education was adequate. Massachusetts also avoided a threatened \$583 million cut in federal funding for Medicaid, the program that provides health care for the poor and uninsured. However, the state may not have completely dodged the Medicaid issue. The Governor proposes using the FY05 Medicaid surplus to pay Medicaid bills in FY06. Normally these expenses are paid by funds generated in the same fiscal year. As a result, FY06 Medicaid expenditures are artificially low, slated to increase only 5.6 percent from FY05. This cost will likely rise significantly in FY07. Nevertheless, the Governor has used the low Medicaid expenditures in FY06 as a cornerstone of his universal health care plan,



which aims to provide insurance for the state's 460,000 uninsured residents.

A series of tax changes are included in the proposed budget. The Governor redoubled his efforts to reduce the personal income tax rate from 5.3 percent to 5.0 percent. This tax cut is estimated to have a price tag of \$737 million by FY07. The Governor also renewed his efforts to close "loopholes" in corporate income tax laws and regulations; closing the loopholes would raise an additional \$170 million in revenues. In response to businesses' concerns that his proposals would harm the Commonwealth's economy, the Governor offered a second, scaled-down proposal. This latest plan would give the revenue commissioner less authority than the original plan to challenge the validity of transactions claimed in corporate tax returns.

## New Hampshire

In the first eight months of FY05, New Hampshire's total general and education fund revenues showed slight growth, up 1.3 percent from the same period in FY04. This anemic performance reflects in part unusually high revenues in FY04 as a result of (1) one-time revenue gains from the estate and legacy tax and (2) the receipt of federal funds in FY04 that did not continue into FY05.

Revenues from the estate and legacy tax were lower by \$21.4 million, or nearly 72 percent. The majority of the revenue loss, \$17 million, was the result of an unusually large number of returns in February 2004. In addition, New Hampshire has phased out some legacy provisions, and the estate and legacy tax is tied to a narrowing federal definition. The shrinkage in federal aid occurred as federal grants received as part of the President's Job Reconciliation Act in both FY03 and FY04 did not continue into FY05.

The state's two taxes generating the most revenue — the business tax and the meals and rooms tax — both exhibited strong year-over-year revenue growth for the first eight months of FY05 compared with the same period in FY04. Collections from the meals and rooms tax increased 4.2 percent, while business tax collections were up a sizable 17.1 percent.

Governor John Lynch presented his \$8.7 billion biennial budget to the legislature in mid February. The proposal includes general-fund spending increases of \$21 million, or 1.5 percent, for FY06 and \$54 million, or 3.9 percent, for FY07. The ability of the state to increase spending while confronting a \$370 million projected shortfall rests on Governor Lynch's belief that strong business growth will increase total tax collections. The Governor projects that the state will receive an additional \$105 million from business taxes, an extra \$44 million from the tax on property sales, and an extra \$87 million from a 28-cents-per-pack cigarette-tax increase in the coming biennium. Some members of the legislature are less sanguine about future revenue growth and are calling for \$300 million less in spending than the Governor's recommendation.

The Governor proposed a comprehensive overhaul of New Hampshire's five-year-old approach to education funding. The statewide property tax, set at \$3.33 per \$1,000 valuation, would be removed, thereby eliminating the situation that has so-called "donor towns" paying more in property taxes than they receive in state aid. The state would make up for this lost revenue with the 28-cents-per-pack increase in the tax on cigarettes and would distribute state school aid in a manner deemed more fiscally equalizing. Under this new approach, state education expenditures would be allocated based on need using an "education equity index" that takes into account not only per-pupil property values and median income, but also factors such as test scores and English proficiency. With the index, less affluent communities and urban communities would receive larger grants than currently, while many wealthier towns would receive no aid at all. The plan would be implemented over six years to give towns time to adjust.

## Rhode Island

Total general revenues collected in the Ocean State during the first eight months of FY05 were up 5.3 percent compared with the same period one year earlier. Correcting for anomalies, actual growth was perhaps greater. The state received several one-time payments in FY04 that inflated revenues in that year. These include payments made by Blue Cross/Blue Shield of Rhode Island for a contractually obligated settlement and a payment from the Procaccianti Group to retire outstanding debt owed to the Rhode Island Depositors Economic Protection Corporation. In addition, complications associated with the new sales and use tax affect year-over-year comparisons. Adjusting for these and other small differences increases total revenue growth to roughly 7.6 percent for the first two-thirds of FY05 compared with the same period in FY04.

Collections from the personal income tax, the state's largest revenue generator, were up 6.8 percent, while receipts from the state's next largest revenue generator, the sales and use tax, increased 4.0 percent. This 4.0 percent is artificially high, however. Because of the administrative complexity of implementing a new meals and beverage tax, sales and use tax collections for July 2003 through February 2004 were underestimated by more than \$7 million. After adjustment for this discrepancy, sales and use tax collections for July 2004 through February 2005 were up only 2.6 percent on a year-over-year basis. Growth in general business tax collections, up over 65 percent, was also inflated, although for different reasons. FY04 collections were artificially low



because refunds recorded in FY04 should have been allocated to FY03; at the same time, collections for FY05 were artificially high because a tax credit recapture allocated to FY05 should have been assigned to FY04. Taking into account these adjustments, growth in receipts of business taxes was 20.3 percent.

At the end of January, Governor Donald Carcieri proposed a \$6.3 billion budget for FY06. The budget includes a spending increase of 2.9 percent over the revised FY05 budget. General revenue expenditures are budgeted to increase by \$106 million, or 3.6 percent, over FY05. This \$106 million includes nearly \$50 million, or 3.0 percent more than current funding, to the Department of Human Services to help offset Medicaid increases and just over \$42 million, 4.3 percent more, to the Department of Elementary and Secondary Education for education aid, teacher retirement, and school construction aid.

The budget proposal anticipates revenue increases in FY06. The largest source of general revenues, the personal income tax, is projected to generate \$999.3 million in FY06. This is above predictions made in November 2004. Sales tax collections are forecast to expand more slowly, eclipsing FY05 levels by \$1.9 million, or 0.2 percent. In contrast, a steep decline, \$11.4 million, or 8.3 percent, is anticipated in cigarette tax collections. This drop is attributed to previous tax increases, which caused cigarette purchases in Rhode Island to decline.

## Vermont

Total general revenues collected in Vermont through the first two-thirds of FY05 were 6.5 percent higher than in the first two-thirds of FY04. Collections from the state's biggest revenue generator, the personal income tax, increased 8.6 percent. Although sales tax collections declined 17.0 percent, this precipitous drop reflected legislative changes.<sup>7</sup> Taking these changes into account, total sales tax receipts grew by 3.8 percent. This growth puts sales and use tax receipts slightly above targeted levels.

Governor Jim Douglas forwarded his budget recommendations in January. Total expenditures across all funds would increase only 2.5 percent in FY06. General fund expenditures would increase 1.4 percent, and education fund expenditures, 5.8 percent, while transportation outlays would decline 0.5 percent. The official government revenue forecast enacted on January 14 anticipates an increase of \$46.8 million, or 4.8 percent, in general fund revenues, an increase of \$3.9 million, or 2.6 percent, in education fund revenues,<sup>8</sup> and a decline of \$1.0 million, or 0.5 percent, in revenues to the transportation fund.

Vermont's budget continues to struggle under the growing weight of the state's Medicaid deficit. This deficit is anticipated to be more than \$61 million, or 9.1 percent of total Medicaid costs, at the end of FY06; almost \$285 million, or more than 36 percent of Medicaid costs, at the end of FY07; and nearly \$600 million, or 65 percent of Medicaid costs, by the end of FY2010.<sup>9</sup> The deficit is driven by several factors. First, Vermont has a generous Medicaid program, which has increased enrollments. Second, the state has more intensive Medicaid utilization per participant compared with other states. Third, inflation and the growing cost of medical services have increased program outlays. Fourth, the federal government's share of support for the program has declined as a result of growth in Vermont's per capita personal income relative to the national average.

In order to meet the Medicaid budget challenge, Governor Douglas has lobbied the federal Centers for Medicare and Medicaid Services for block grant funding. This funding formula, also known as a "global commitment," would force the federal government to provide the state with a set amount of Medicaid funds annually, as opposed to the current funding method whereby federal government matches state outlays at a percentage determined by Vermont's relative per capita income. Another option, advocated by Southern Vermonters for Fair Economy and Environmental Protection, would be to increase the personal income tax rate and the corporate income tax rate to address the state's Medicaid dilemma.

Despite the looming Medicaid budget issue, some key areas would still receive spending increases in the Governor's budget. Education funds would grow, with the University of Vermont, the Vermont State College system, and the Vermont Student Assistance Corporation each receiving 3 percent increases. One of the largest budget items in the FY06 budget is a \$10 million increase in the transfer from the general fund to the education fund for K-12 education costs. The budget also offers an extension of the property tax relief offered under Act 68. Beyond the 5 cent reduction per \$100 valuation for property taxes given in FY05, the new budget includes an additional 3 cent reduction for FY06.

<sup>1</sup>The slight growth for New Hampshire is attributable in part to one-time revenue gains in FY04 and the receipt of additional federal funds in that year. See the New Hampshire section for details.

<sup>2</sup>Vermont's decline is more apparent than real, resulting from recent legislative action. See the Vermont section for a fuller discussion.

<sup>3</sup>For more detail on Medicaid financing arrangements, see Hargroves and Tannenwald, "New England Has Relied Heavily on Vulnerable Medicaid Financing Arrangements," Federal Reserve Bank of Boston, *Fiscal Facts*, Winter 1996.

<sup>4</sup>For a more detailed discussion of LD1 provisions, see: <http://www.maine.gov/governor/baldacci/issues/taxes/Summary%20of%20LD%201.doc>

*continued on page 12*



<sup>5</sup>Capitalization occurs when the government or a business converts a future revenue stream into capital that can currently be used. Revenue bonding is a common form of capitalization.

<sup>6</sup><http://www.dor.state.ma.us/pressreleases/2005/march05revenues.htm>

<sup>7</sup>Due to Act 68. For a fuller description, see Turner, "Across the Region: Six State Review," Federal Reserve Bank of Boston, *Fiscal Facts*, Winter 2004/2005.

<sup>8</sup>This represents only non-property-tax revenues, which in FY05 made up 13 percent of the total education fund. Property taxes accounted for 64 percent; the transfer from the general fund, 22 percent; and other sources, 1 percent.

<sup>9</sup>Medicaid projections from "Saving Medicaid: The Douglas Administration's Plan for Saving the Vermont Medicaid System," prepared by the Office of the Secretary of Administration and the Office of the Secretary of Human Services. <http://www.ovha.state.vt.us/docs/savingmedicaid.pdf>.

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## State and Local Employees, continued from page 6.

ability of private sector providers of services may also help to explain the region's small per capita state and local work force and low ratio of public payroll to personal income. It is likely that the New England states allocate relatively smaller shares of their state and local public outlays to institutions of higher education and health in part because the region has relatively more extensive networks of private colleges, universities, and hospitals.<sup>5</sup>

<sup>1</sup> Most notably, 3,000 Connecticut state employees received layoff notices in December 2002.

<sup>2</sup>In 1992, New England state governments employed 32,764 full-time equivalents (FTEs) in the hospital sector. By 2001, this number had decreased to 22,285. This represents a decrease of 32 percent largely attributable to the closure of many state-run mental hospitals in the 1990s. Over the same period, local governments increased the number of FTEs employed in the Education sector by 29 percent. This change coincides with an increase in the school age population (5- to 17-year-olds) from 16 percent of the total population in 1992 to 18 percent in 2001.

<sup>3</sup>Full-time equivalent employment is a computed statistic that represents the number of full-time employees that could have been employed if the reported number of hours worked by part-time employees had been worked by full-time employees. This statistic is calculated by dividing the "part-time hours paid" by the standard number of hours for full-time employees in the particular government and then adding the resulting quotient to the number of full-time employees.

<sup>4</sup>Average annual salary is estimated by multiplying average monthly salary in March 2003 by 12.

<sup>5</sup>For a more detailed discussion of the region's mix of public services, see Tannenwald 1990.

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**NOTE:** This is the last issue of *Fiscal Facts*. The New England Public Policy Center, at the Federal Reserve Bank of Boston, will resume reporting on fiscal developments and conditions in New England after a comprehensive redesign of existing publications. Thank you for your helpful comments and insights over the years.

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### State Budget Timetables

#### Annual Budgets

Massachusetts  
Rhode Island  
Vermont  
FY05: July 1, 2004  
to June 30, 2005  
FY06: July 1, 2005  
to June 30, 2006

#### Biennial Budgets

Connecticut  
Maine  
New Hampshire  
FY04-05: July 1, 2003  
to June 30, 2005  
FY06-07: July 1, 2005  
to June 30, 2007

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