



## **Bradley International Airport Improvements: An Economic Impact Analysis**

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## Executive Summary

The Connecticut Department of Transportation (DOT) has committed to major improvements at Bradley International Airport. These improvements include and are not limited to construction of a new terminal and renovation of the existing terminals and a new parking garage. In addition, several million dollars have been allocated each year between 2000 and 2030 for maintenance and updating of the existing capital structure. Improvements at Bradley International have prompted at least one company, Bombardier to expand its operations at the airport. The Connecticut Department of Economic and Community Development and the Connecticut Department of Transportation have requested the Connecticut Center for Economic Analysis (CCEA) to develop an analysis of the likely economic consequences of the proposed improvements at Bradley and the economic development they are encouraging. CCEA performed the analysis using the REMI model of the Connecticut economy, a model Regional Economic Models, Inc. of Amherst, Massachusetts, developed and that CCEA maintains at the University of Connecticut.

The Connecticut Center for Economic Analysis considered two scenarios relative to the impact of these improvements on the Connecticut economy. We refer to these two scenarios as the conservative and optimistic scenarios. They reflect basic differences in the forecasted increased utilization of Bradley as a result of the expansion.

Both the conservative and optimistic scenarios show the Bradley improvements having a positive economic impact on Connecticut. Table 1 gives a summary of CCEA's findings.

**Table 1: Economic Impact Bradley Airport Expansion**

Variable	Scenario:	Conservative		Optimistic	
		Average	Present Value	Average	Present Value
Private Non-Farm Employment		4,690	-	9,352	-
Gross State Product (Mil 99\$)		\$225.76	\$4,408.31	\$428.66	\$8,372.45
Personal Income (Mil 99\$)		\$252.35	\$4,905.68	\$495.97	\$9,566.14
Disposable Income (Mil 99\$)		\$139.99	\$2,668.33	\$276.31	\$5,233.64
Population		5,500	-	10,994	-
State Revenues at State Average Rates (Mil 99\$)	\$	27.91	\$542.85	\$56.23	\$1,084.84
State Expenditures at State Average Rates (Mil 99\$)	\$	27.17	\$477.65	\$54.38	\$957.43
Net New State Tax Revenue (Mil 99\$)		\$0.74	\$65.20	\$1.84	\$127.41

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## **Bradley International Airport Improvements: Economic Analysis**

The Connecticut Department of Transportation (DOT) has committed \$235.6 million to major improvements at Bradley International Airport. These improvements include and are not limited to construction of a new terminal and renovation of the existing terminals and a new parking garage. These improvements are needed not only to permit expansion of present service levels but also to avoid some level of loss of the present utilization due to deterioration of the existing facilities. In addition, several million dollars have been allocated each year between 2000 and 2030 for maintenance and updating of the existing capital structure. Improvements at Bradley International have prompted at least one company, Bombardier to expand its operations at the airport. The Connecticut Department of Economic and Community Development and the Connecticut Department of Transportation have requested the Connecticut Center for Economic Analysis (CCEA) to develop an analysis of the likely economic consequences of the proposed improvements at Bradley and the economic development they are encouraging. CCEA performed the analysis using the REMI model of the Connecticut economy, a model Regional Economic Models, Inc. of Amherst, Massachusetts, developed and that CCEA maintains at the University of Connecticut.

### **Basic Inputs**

The Connecticut Department of Transportation plans to spend \$186.3 million on the terminal improvement program. In addition, another \$10.2 million will be spent to build a new maintenance facility to replace the existing facility that has been demolished in order to build the new concourse. Along with the new concourse and improvements to the existing concourses, DOT has already started work on 3500 space parking garage for Bradley. This garage will cost \$39.1 million to plan and construct.

One private enterprise expansion at the airport that has already been announced is that of Bombardier. Bombardier will expend \$16 million to expand its existing service facility and increase employment at the airport by 300 positions by 2004.

At present, DOT has three forecasts of anticipated growth in the use of the airport over the next thirty years. A very conservative estimate has enplanements at the airport growing at an annual rate of 1.5%. This forecast is at or below the traditional growth rate used by the FAA for new enplanements at airports that haven't planned any improvements. This simply reflects anticipated growth in population and income that cause a natural increase in air travel given that it is a normal good. We will use this forecast as the baseline in our analysis.

As part of the Financial Feasibility Analysis for the planned expansion at Bradley International, a forecast of enplanements for the airport was prepared. This forecast looked at market growth and ability of the expanded Bradley to attract new passengers and provide the services they need. The difference between this new base case forecast based on an expanded Bradley and the conservative estimate that sees only growth due to

population and income will be our conservative estimate of net new enplanements due to the Bradley expansion.

The Financial Feasibility Analysis document also contains a second forecast for new enplanements. This forecast takes into account what is known as the “Southwest Effect.” History tells us that airport utilization grow much more rapidly when Southwest Airlines services the airport. The competition that Southwest introduces to a market drives down fares and causes a substantial growth in passengers. The difference between the “With Southwest” forecast and the conservative estimate will be out optimistic estimate of the number of new enplanements associated with the Bradley Airport expansion.

In addition to the new concourse, the terminal improvements and the new garage, DOT plans to expend several million dollars each year for capital maintenance, updating and general improvements. This on going commitment to modernization of Bradley will have a continued impact on the Connecticut’s economy.

Many of the new enplanements that will occur at Bradley will be visitors to our area. A recent survey by Wilbur Smith Associates found that 41.5% of the enplanements at Bradley our by visitors to our area. The destination of 71.5% of these visitors is Connecticut. The average visitor that passes through Bradley stays in our area 6.2 days and spends nearly \$134 per day while here. This spending will affect a number of sectors in Connecticut.

With the expansion of Bradley will come the need to have added people online to service these new passengers. Growth will occur not only with the airport’s own staff but will be coupled with growth in employment at the airlines and the firms that service Bradley. DOT provided us with direct estimates of their added costs to service an expanded Bradley. We have estimate the growth in other employment at the airport need for the added enplanements using a Leontiff production function.

The opening of the new garage had Bradley will have an initial negative impact on private parking service in the Bradley area. It is estimated that these companies will see a 11% decline in their parking revenue when the garage is fully operational. However, as time passes and the utilization of Bradley grows the revenues of these private parking firms will return to their previous level and ultimately grow when the use of state parking facilities reach their capacity.

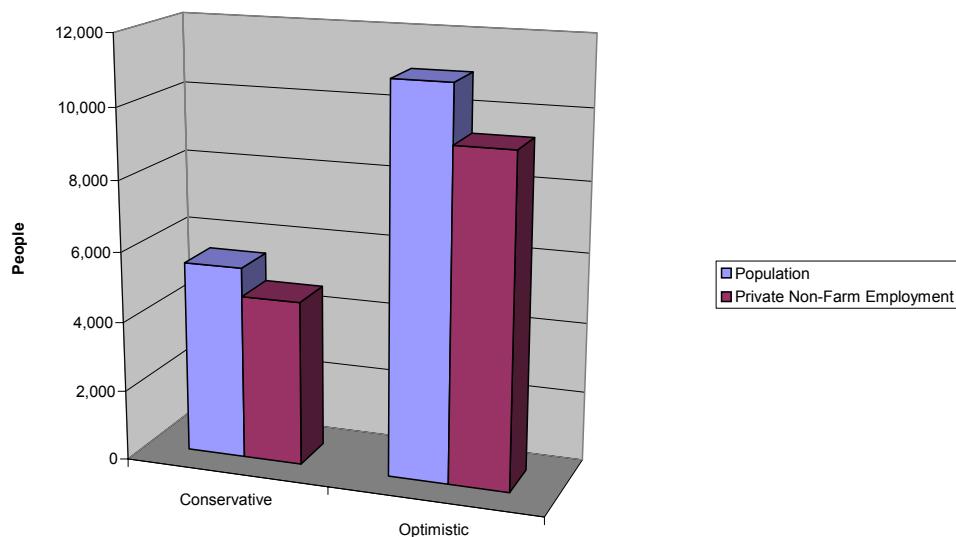
Funding for the new garage and the expansion at Bradley will come from revenue bonds that will be paid for by parkers, passengers and the airlines. There is no commitment of general obligation state bonds or general appropriations to this project.

We have converted the above information in dynamic inputs for the REMI model. Inputs and results were derived for the period 2000 to 2030.

## Results

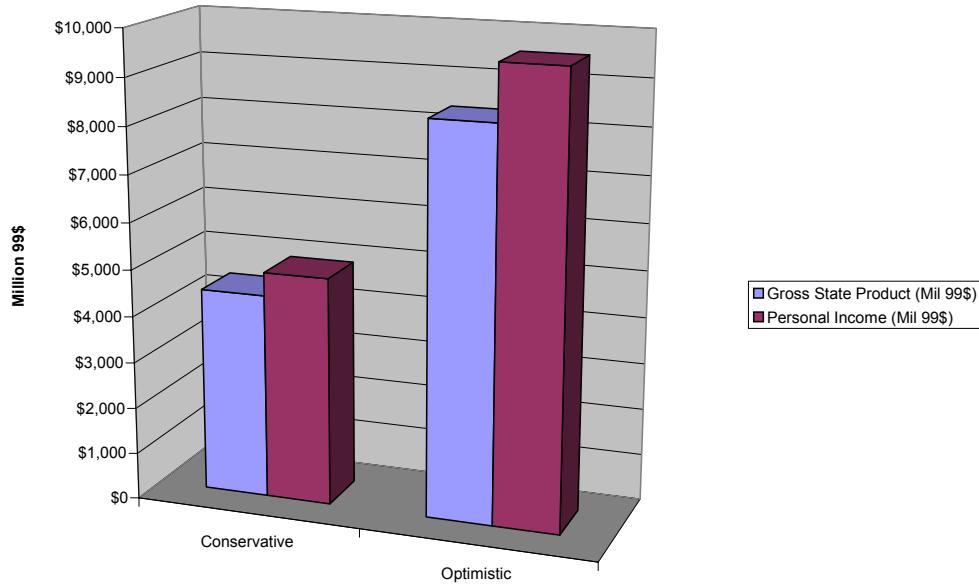
The improvement of Bradley International Airport and the private sector expansion of Bombardier will have a positive impact on Connecticut's economy. Over the period 2000 to 2030, private sector employment in Connecticut will average 4,690 more than would have been the case without the expansion at Bradley under the conservative scenario and 9,352 more under the optimistic scenario. Population will also grow. It will average 5,500 more per year over the period 2000 to 2030 than the base forecast for the conservative scenario and 10,994 more for the optimistic forecast. Chart 1 shows the impact of the expansion at Bradley on employment and population for both scenarios.

**Chart 1: Impact on Employment and Population 2000-2030  
Bradley Airport Expansion  
(Annual Averages)**



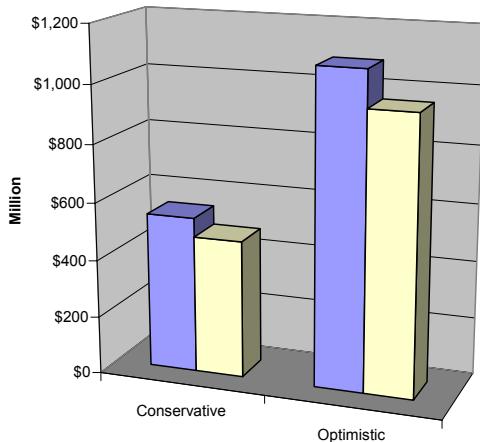
Gross state product and personal income also grow as a result of the proposed expansions at Bradley. Gross State Product will average \$225.76 million 1999 dollars more per year over the period 2000 to 2030 under the conservative scenario and \$428.66 million 1999 dollars under the optimistic scenario. In similar manner, personal income will on average be \$252.35 million 1999 dollars higher per year for the conservative scenario and \$495.97 million 1999 dollars higher per year under the conditions of the optimistic scenario. In present value terms, Connecticut will have a gain in gross state product of \$4.408 billion 1999 dollars over the period and a gain in personal income of \$4.905 billion over the same period for the conservative scenario. The corresponding figures for the optimistic scenario are \$8.372 billion 1999 dollars for gross state product and \$9.466 billion 1999 dollars for personal income. Chart 2 shows the impact of the expansion at Bradley on gross state product and personal income for both scenarios.

**Chart 2: Economic Impact on Gross State Product and Personal Income 2000-2030**  
**Bradley Airport Expansion**  
**(Present Value )**



Fiscally, Bradley's improvements will increase state tax revenues, both gross and net. Over the thirty-one year period under study, gross new state tax revenues will average \$27.91 million 1999 dollars more per year than under the control forecast for the conservative scenario and \$56.23 million 1999 dollars more per year for the optimistic scenario. The growth in population associated with the expansion of Bradley will create a demand for new state government services. Under the conservative scenario, we estimate that state government spending will average \$27.17 million 1999 dollars more per year than for the baseline forecast. This figure increases to \$54.38 million 1999 dollars on average per year for optimistic scenario. These figures convert to a net increase in state revenues on average of \$.74 million 1999 dollars per year for the conservative scenario and \$1.84 million 1999 dollars on average per year for the optimistic scenario. Chart 3 shows the fiscal impact of Bradley's expansion.

**Chart 3: Tax Impact 2000-2030**  
**Bradley Airport Expansion**  
**(Present Value)**



	Conservative	Optimistic
■ State Revenues at State Average Rates (Mil 99\$)	\$542.85	\$1,084.84
□ State Expenditures at State Average Rates (Mil 99\$)	\$477.65	\$957.43

## Summary

The proposed improvements at Bradley International Airport along with the accompanying private sector investment will have a positive impact on the economy of the state. Employment, population, gross state product and personal income grow for both scenarios consider. The State of Connecticut has a gain in gross and net state tax revenue for both scenarios. Table 1 below summarizes the findings.

These results are conservative because we have not accounted for the effect of lower cost and more accessible air travel on business location and expansion decisions. Thus this assessment neglects the broader role of an airport as a regional economic driver.

**Table 2: Economic Impact Bradley Airport Expansion**

Variable	Scenario:		Conservative		Optimistic	
	Average	Present Value	Average	Present Value	Average	Present Value
Private Non-Farm Employment	4,690	-	9,352	-		
Gross State Product (Mil 99\$)	\$225.76	\$4,408.31	\$428.66	\$8,372.45		
Personal Income (Mil 99\$)	\$252.35	\$4,905.68	\$495.97	\$9,566.14		
Disposable Income (Mil 99\$)	\$139.99	\$2,668.33	\$276.31	\$5,233.64		
Population	5,500	-	10,994	-		
State Revenues at State Average Rates (Mil 99\$)	\$ 27.91	\$542.85	\$56.23	\$1,084.84		
State Expenditures at State Average Rates (Mil 99\$)	\$ 27.17	\$477.65	\$54.38	\$957.43		
Net New State Tax Revenue (Mil 99\$)	\$ 0.74	\$65.20	\$1.84	\$127.41		

## **REMI OUTPUT**

**Conservative**

**Primary:Super Summary Table**

**Differences as Compared to REMI Standard Reg Control**

Variable	2000	2001	2002	2003	2004	2005	2006
<b>Total Emp (Thous)</b>	3.114	4.513	4.591	4.069	4.199	4.587	4.766
<b>Total Emp As % of US</b>	0.001872	0.002682	0.002697	0.002367	0.002419	0.002616	0.002692
<b>Priv Non-Farm Emp (Thous)</b>	3.087	4.438	4.474	3.922	4.026	4.386	4.539
<b>Priv Non-Farm Emp As % of US</b>	0.002188	0.003104	0.003091	0.002682	0.002726	0.00294	0.003012
<b>GRP (Bil Fixed 92\$)</b>	0.1264	0.187	0.1896	0.1638	0.1683	0.1851	0.1932
<b>Pers Inc (Bil Nom \$)</b>	0.1229	0.2021	0.2222	0.2046	0.2144	0.2392	0.2562
<b>Pers Inc As % of US</b>	0.00151	0.002366	0.002481	0.002182	0.002184	0.002328	0.002381
<b>Disp Pers Inc (Bil Nom \$)</b>	0.09461	0.1567	0.1729	0.1599	0.1679	0.1875	0.2011
<b>PCE-Price Index (Fixed 92\$)</b>	0.02448	0.04445	0.05406	0.05402	0.05513	0.05803	0.05965
<b>Real Disp Pers Inc (Bil Fixed 92\$)</b>	0.05704	0.08894	0.09177	0.07957	0.08183	0.09067	0.09583
<b>Real Disp Pers Inc Per Cap (Thous Fixed 92\$)</b>	0.01345	0.0163	0.01101	0.002892	-0.0002384	-0.001711	-0.004313
<b>Population (Thous)</b>	0.4961	1.34	2.086	2.611	3.042	3.498	3.945
<b>Pop As % of US</b>	0.0001802	0.0004824	0.0007445	0.0009235	0.001067	0.001216	0.00136

Variable	2007	2008	2009	2010	2011	2012	2013
<b>Total Emp (Thous)</b>	5.011	5.401	5.531	5.871	5.983	5.84	5.839
<b>Total Emp As % of US</b>	0.002803	0.002992	0.003043	0.00321	0.003247	0.003144	0.003119
<b>Priv Non-Farm Emp (Thous)</b>	4.758	5.121	5.226	5.542	5.631	5.469	5.454
<b>Priv Non-Farm Emp As % of US</b>	0.003126	0.003331	0.003375	0.003557	0.003585	0.003453	0.003413
<b>GRP (Bil Fixed 92\$)</b>	0.2049	0.224	0.2289	0.2497	0.2568	0.2506	0.2522
<b>Pers Inc (Bil Nom \$)</b>	0.2772	0.308	0.3247	0.3545	0.3763	0.3798	0.3907
<b>Pers Inc As % of US</b>	0.00246	0.002613	0.002638	0.002758	0.002805	0.002715	0.00268
<b>Disp Pers Inc (Bil Nom \$)</b>	0.2179	0.2423	0.2559	0.2795	0.2972	0.3007	0.3098
<b>PCE-Price Index (Fixed 92\$)</b>	0.06149	0.06494	0.0661	0.06889	0.07025	0.06862	0.06735
<b>Real Disp Pers Inc (Bil Fixed 92\$)</b>	0.1025	0.1126	0.1169	0.1259	0.1318	0.1309	0.133
<b>Real Disp Pers Inc Per Cap (Thous Fixed 92\$)</b>	-0.006464	-0.007881	-0.01085	-0.01246	-0.0149	-0.01864	-0.02091
<b>Population (Thous)</b>	4.376	4.822	5.248	5.669	6.074	6.401	6.66
<b>Pop As % of US</b>	0.001496	0.001636	0.001766	0.001892	0.002012	0.002103	0.002172

**Conservative**

**Primary: Super Summary Table**

**Differences as Compared to REMI Standard Reg Control**

Variable	2014	2015	2016	2017	2018	2019	2020
<b>Total Emp (Thous)</b>	5.877	5.917	5.735	5.574	5.428	5.31	5.187
<b>Total Emp As % of US</b>	0.003114	0.003111	0.002995	0.002894	0.002804	0.002732	0.00266
<b>Priv Non-Farm Emp (Thous)</b>	5.481	5.511	5.323	5.16	5.016	4.902	4.783
<b>Priv Non-Farm Emp As % of US</b>	0.0034	0.00339	0.00325	0.00313	0.003026	0.002944	0.002864
<b>GRP (Bil Fixed 92\$)</b>	0.2564	0.261	0.2548	0.2503	0.2474	0.2466	0.2461
<b>Pers Inc (Bil Nom \$)</b>	0.4044	0.4186	0.4196	0.4214	0.4237	0.4283	0.433
<b>Pers Inc As % of US</b>	0.002662	0.002644	0.002544	0.002452	0.002367	0.002297	0.00223
<b>Disp Pers Inc (Bil Nom \$)</b>	0.321	0.3326	0.334	0.3361	0.3384	0.3424	0.3465
<b>PCE-Price Index (Fixed 92\$)</b>	0.06631	0.0652	0.06209	0.05876	0.05525	0.05219	0.04921
<b>Real Disp Pers Inc (Bil Fixed 92\$)</b>	0.136	0.139	0.1377	0.1369	0.1363	0.1362	0.1362
<b>Real Disp Pers Inc Per Cap (Thous Fixed 92\$)</b>	-0.02262	-0.02399	-0.02601	-0.02734	-0.02809	-0.02831	-0.02822
<b>Population (Thous)</b>	6.881	7.067	7.188	7.244	7.246	7.209	7.141
<b>Pop As % of US</b>	0.002226	0.002269	0.00229	0.00229	0.002273	0.002245	0.002207

Variable	2021	2022	2023	2024	2025	2026	2027
<b>Total Emp (Thous)</b>	5.053	4.938	4.82	4.707	4.579	4.576	4.563
<b>Total Emp As % of US</b>	0.002586	0.002521	0.002456	0.002394	0.002325	0.002318	0.002305
<b>Priv Non-Farm Emp (Thous)</b>	4.657	4.55	4.44	4.336	4.218	4.225	4.22
<b>Priv Non-Farm Emp As % of US</b>	0.002781	0.002712	0.002642	0.002576	0.002502	0.002501	0.002491
<b>GRP (Bil Fixed 92\$)</b>	0.2455	0.2464	0.2474	0.2488	0.2496	0.2576	0.2651
<b>Pers Inc (Bil Nom \$)</b>	0.4373	0.4445	0.4518	0.4604	0.468	0.4876	0.5097
<b>Pers Inc As % of US</b>	0.002163	0.00211	0.002058	0.002011	0.001961	0.00196	0.001962
<b>Disp Pers Inc (Bil Nom \$)</b>	0.3504	0.3564	0.3625	0.3696	0.376	0.3917	0.4095
<b>PCE-Price Index (Fixed 92\$)</b>	0.04649	0.04398	0.04166	0.03967	0.03764	0.03738	0.03755
<b>Real Disp Pers Inc (Bil Fixed 92\$)</b>	0.1358	0.1362	0.1365	0.137	0.1371	0.14	0.1433
<b>Real Disp Pers Inc Per Cap (Thous Fixed 92\$)</b>	-0.02794	-0.02726	-0.02643	-0.0254	-0.02431	-0.02257	-0.02094
<b>Population (Thous)</b>	7.044	6.928	6.793	6.645	6.484	6.33	6.19
<b>Pop As % of US</b>	0.002161	0.002109	0.002053	0.001993	0.00193	0.00187	0.001814

**Conservative****Primary: Super Summary Table****Differences as Compared to REMI Standard Reg Control**

<b>Variable</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>
<b>Total Emp (Thous)</b>	4.539	4.501	4.454
<b>Total Emp As % of US</b>	0.002283	0.002254	0.002218
<b>Priv Non-Farm Emp (Thous)</b>	4.203	4.172	4.131
<b>Priv Non-Farm Emp As % of US</b>	0.002471	0.002442	0.002405
<b>GRP (Bil Fixed 92\$)</b>	0.2715	0.2769	0.2817
<b>Pers Inc (Bil Nom \$)</b>	0.5321	0.5544	0.5766
<b>Pers Inc As % of US</b>	0.001962	0.001957	0.001949
<b>Disp Pers Inc (Bil Nom \$)</b>	0.4275	0.4456	0.4638
<b>PCE-Price Index (Fixed 92\$)</b>	0.03798	0.03848	0.03894
<b>Real Disp Pers Inc (Bil Fixed 92\$)</b>	0.1463	0.149	0.1515
<b>Real Disp Pers Inc Per Cap (Thous Fixed 92\$)</b>	-0.0195	-0.01827	-0.01709
<b>Population (Thous)</b>	6.062	5.941	5.825
<b>Pop As % of US</b>	0.001763	0.001715	0.001668

**Conservative  
Fiscal (Bil 99\$)  
Differences as Compared to REMI Standard Reg Control**

<b>Variable</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	
<b>State Revenues at State Average Rates</b>	0.01404	0.0219	0.02277	0.02016	0.02086	0.02303	0.0242	
<b>Local Revenues at Adjusted State Average Rates</b>	0.002318	0.004606	0.00612	0.00693	0.007961	0.009205	0.01035	
<b>State Expenditures at State Average Rates</b>	-0.007319	-0.005681	-0.0000837	0.006063	0.009133	0.01151	0.01468	
<b>Local Expenditures at Adjusted State Average Rates</b>	0.0006496	0.003081	0.005709	0.007841	0.009464	0.01113	0.01288	
<b>Variable</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
<b>State Revenues at State Average Rates</b>	0.0257	0.02802	0.02893	0.03116	0.03222	0.03163	0.03179	0.03222
<b>Local Revenues at Adjusted State Average Rates</b>	0.01153	0.01284	0.01392	0.01515	0.01625	0.01703	0.01777	0.01845
<b>State Expenditures at State Average Rates</b>	0.01752	0.01997	0.02307	0.02535	0.02842	0.03179	0.03398	0.03568
<b>Local Expenditures at Adjusted State Average Rates</b>	0.01459	0.01634	0.01794	0.0195	0.02108	0.02244	0.02347	0.02434
<b>Variable</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
<b>State Revenues at State Average Rates</b>	0.0327	0.0319	0.03123	0.03068	0.03033	0.02997	0.02952	0.02922
<b>Local Revenues at Adjusted State Average Rates</b>	0.01909	0.01948	0.01976	0.01993	0.02004	0.02008	0.02004	0.01997
<b>State Expenditures at State Average Rates</b>	0.03707	0.03878	0.03985	0.04037	0.04044	0.04027	0.03989	0.03932
<b>Local Expenditures at Adjusted State Average Rates</b>	0.02506	0.02561	0.02591	0.02596	0.02585	0.02562	0.02527	0.02487
<b>Variable</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>
<b>State Revenues at State Average Rates</b>	0.02888	0.02855	0.02811	0.02848	0.02888	0.02918	0.02938	0.02949
<b>Local Revenues at Adjusted State Average Rates</b>	0.01986	0.01971	0.01951	0.01939	0.01932	0.01925	0.01919	0.01913
<b>State Expenditures at State Average Rates</b>	0.03861	0.03779	0.03692	0.03564	0.03459	0.03367	0.03287	0.03215
<b>Local Expenditures at Adjusted State Average Rates</b>	0.02439	0.02385	0.02328	0.02268	0.02218	0.02172	0.02129	0.02089

**Conservative**  
**State Revenues at State Average Rates**  
**Differences as Compared to REMI Standard Reg Control**

Variable	2000	2001	2002	2003	2004	2005	2006
Federal Intergovernmental	0.0004648	0.001235	0.001908	0.002369	0.002739	0.003126	0.003498
Local Intergovernmental	0.00000089	0.00000241	0.00000382	0.00000486	0.00000575	0.00000672	0.00000769
Property Tax	0	0	0.00000001	0.00000001	0.00000001	0.00000002	0.00000002
General Sales Tax	0.003628	0.005414	0.005206	0.004241	0.004284	0.00472	0.004855
Motor Fuel Sales Tax	0.0004096	0.0005944	0.0005639	0.0004336	0.0004172	0.0004477	0.0004496
Alcoholic Bev Sales Tax	0.00004027	0.00005838	0.00005445	0.00004113	0.00003906	0.00004148	0.00004117
Tobacco Sales Tax	0.0000416	0.00008591	0.0001139	0.0001281	0.000145	0.0001656	0.0001845
Public Utility Sales Tax	0.0001451	0.0002208	0.000228	0.0002055	0.0002133	0.0002341	0.0002431
Other Sales Tax	0.0009403	0.001403	0.001349	0.001099	0.00111	0.001223	0.001258
Individual Income Tax	0.002947	0.004497	0.004585	0.003915	0.003981	0.004376	0.004572
Corporate Income Tax	0.0006076	0.0009353	0.0009823	0.0008966	0.000963	0.001094	0.001176
Motor Vehicle License	0.0001831	0.0002835	0.0002917	0.000252	0.0002585	0.0002859	0.0003014
Other Tax	0.0003777	0.0005846	0.0006016	0.0005198	0.0005331	0.0005897	0.0006216
Education Charges	0.0003992	0.0007036	0.0008126	0.0007733	0.0007861	0.0008288	0.00084
Other Charges & Rev	0.001301	0.002014	0.002072	0.00179	0.001836	0.002031	0.002141
Utility&Liquor Store Rev	0.00001907	0.00002952	0.00003038	0.00002625	0.00002692	0.00002978	0.00003139
Unemployment Comp.	0.001457	0.002187	0.002267	0.001993	0.002017	0.002173	0.002237
Employee Retirement	0.0008147	0.001261	0.001298	0.001121	0.001115	0.001272	0.001341
Workers' Comp.	0.000259	0.0003887	0.0004028	0.0003541	0.0003584	0.0003862	0.0003976
Other Ins. Trust Rev	0	0	0	0	0	0	0

**Conservative**  
**State Revenues at State Average Rates**  
**Differences as Compared to REMI Standard Reg Control**

Variable	2007	2008	2009	2010	2011	2012	2013
Federal Intergovernmental	0.003853	0.004215	0.004537	0.004861	0.005167	0.0054	0.00557
Local Intergovernmental	0.00000866	0.00000968	0.00001056	0.00001146	0.00001232	0.00001303	0.00001358
Property Tax	0.00000002	0.00000003	0.00000003	0.00000003	0.00000004	0.00000004	0.00000004
General Sales Tax	0.005082	0.005545	0.005629	0.0061	0.006165	0.005784	0.005668
Motor Fuel Sales Tax	0.0004629	0.0004984	0.000489	0.0005134	0.0005164	0.0004781	0.0004649
Alcoholic Bev Sales Tax	0.00004195	0.00004473	0.00004364	0.00004568	0.00004577	0.00004214	0.00004088
Tobacco Sales Tax	0.0002034	0.0002243	0.0002416	0.0002612	0.0002791	0.0002915	0.0003021
Public Utility Sales Tax	0.0002559	0.0002762	0.000287	0.000314	0.0003243	0.0003205	0.0003246
Other Sales Tax	0.001317	0.001437	0.001459	0.001581	0.001598	0.001499	0.001469
Individual Income Tax	0.004844	0.005291	0.005431	0.005819	0.006027	0.005896	0.005927
Corporate Income Tax	0.001278	0.001415	0.001488	0.001704	0.00178	0.001792	0.001837
Motor Vehicle License	0.0003217	0.000353	0.0003654	0.0003931	0.0004105	0.0004065	0.0004121
Other Tax	0.0006635	0.000728	0.0007535	0.0008108	0.0008467	0.0008384	0.0008499
Education Charges	0.0008618	0.0009131	0.0009204	0.0009652	0.0009885	0.0009565	0.0009461
Other Charges & Rev	0.002286	0.002508	0.002596	0.002793	0.002917	0.002888	0.002928
Utility&Liquor Store Rev	0.00003351	0.00003676	0.00003805	0.00004094	0.00004276	0.00004234	0.00004292
Unemployment Comp.	0.002337	0.002512	0.002561	0.002716	0.002776	0.002695	0.002684
Employee Retirement	0.001431	0.00157	0.001625	0.001749	0.001826	0.001808	0.001833
Workers' Comp.	0.0004153	0.0004464	0.0004551	0.0004826	0.0004934	0.000479	0.0004769
Other Ins. Trust Rev	0	0	0	0	0	0	0

**Conservative**  
**State Revenues at State Average Rates**  
**Differences as Compared to REMI Standard Reg Control**

Variable	2014	2015	2016	2017	2018	2019	2020
Federal Intergovernmental	0.005708	0.005815	0.005869	0.005874	0.005833	0.005763	0.005669
Local Intergovernmental	0.00001405	0.00001445	0.00001471	0.00001484	0.00001485	0.00001477	0.00001462
Property Tax	0.00000004	0.00000005	0.00000005	0.00000005	0.00000005	0.00000005	0
General Sales Tax	0.005653	0.005652	0.005213	0.004831	0.004512	0.004275	0.004052
Motor Fuel Sales Tax	0.0004606	0.0004586	0.0004316	0.000412	0.0003978	0.00039	0.0003841
Alcoholic Bev Sales Tax	0.00004039	0.00004014	0.0000377	0.00003593	0.00003466	0.00003394	0.00003346
Tobacco Sales Tax	0.0003117	0.0003199	0.0003242	0.0003259	0.0003256	0.0003239	0.0003209
Public Utility Sales Tax	0.0003321	0.0003401	0.0003313	0.0003239	0.0003183	0.0003148	0.0003111
Other Sales Tax	0.001465	0.001465	0.001351	0.001252	0.001169	0.001108	0.00105
Individual Income Tax	0.006009	0.006098	0.005962	0.005857	0.005773	0.005727	0.005686
Corporate Income Tax	0.001894	0.001948	0.001933	0.001918	0.001907	0.0019	0.001887
Motor Vehicle License	0.0004206	0.0004293	0.0004242	0.0004206	0.0004179	0.000417	0.0004162
Other Tax	0.0008674	0.0008855	0.0008749	0.0008674	0.0008618	0.0008601	0.0008584
Education Charges	0.0009677	0.001032	0.001091	0.001171	0.001286	0.001421	0.001547
Other Charges & Rev	0.002988	0.00305	0.003014	0.002988	0.002969	0.002963	0.002957
Utility&Liquor Store Rev	0.0000438	0.00004471	0.00004418	0.0000438	0.00004352	0.00004343	0.00004335
Unemployment Comp.	0.002697	0.002717	0.002633	0.002564	0.00251	0.002478	0.002452
Employee Retirement	0.001871	0.00191	0.001887	0.001871	0.001859	0.001855	0.001851
Workers' Comp.	0.0004793	0.0004828	0.0004679	0.0004557	0.0004461	0.0004404	0.0004358
Other Ins. Trust Rev	0	0	0	0	0	0	0

**Conservative**  
**State Revenues at State Average Rates**  
**Differences as Compared to REMI Standard Reg Control**

Variable	2021	2022	2023	2024	2025	2026	2027
Federal Intergovernmental	0.005556	0.005435	0.005303	0.005163	0.005017	0.004878	0.00476
Local Intergovernmental	0.00001441	0.00001418	0.0000139	0.0000136	0.00001326	0.00001295	0.00001268
Property Tax	0.00000005	0	0.00000005	0.00000005	0.00000005	0.00000005	0.00000005
General Sales Tax	0.003824	0.003655	0.003492	0.003346	0.003181	0.003312	0.003426
Motor Fuel Sales Tax	0.0003781	0.0003786	0.0003799	0.0003829	0.0003852	0.0004029	0.0004215
Alcoholic Bev Sales Tax	0.00003291	0.00003297	0.00003308	0.00003333	0.00003351	0.00003509	0.00003669
Tobacco Sales Tax	0.0003166	0.0003121	0.0003068	0.0003008	0.0002945	0.0002891	0.0002848
Public Utility Sales Tax	0.0003069	0.0003044	0.0003018	0.0002993	0.0002959	0.0003038	0.0003115
Other Sales Tax	0.0009912	0.0009473	0.000905	0.0008673	0.0008245	0.0008585	0.0008878
Individual Income Tax	0.005633	0.005622	0.005608	0.005605	0.005584	0.005711	0.005842
Corporate Income Tax	0.001868	0.001852	0.001834	0.001812	0.001787	0.001799	0.00181
Motor Vehicle License	0.0004145	0.0004154	0.000416	0.0004171	0.0004171	0.000426	0.0004359
Other Tax	0.0008548	0.0008566	0.0008579	0.0008602	0.0008602	0.0008787	0.0008991
Education Charges	0.001639	0.0017	0.001735	0.001747	0.001717	0.001688	0.001666
Other Charges & Rev	0.002944	0.002951	0.002955	0.002963	0.002963	0.003027	0.003097
Utility&Liquor Store Rev	0.00004317	0.00004326	0.00004332	0.00004344	0.00004344	0.00004437	0.0000454
Unemployment Comp.	0.002426	0.002419	0.002414	0.002415	0.002411	0.002479	0.002548
Employee Retirement	0.001844	0.001848	0.00185	0.001855	0.001855	0.001895	0.001939
Workers' Comp.	0.0004311	0.0004299	0.0004289	0.0004292	0.0004285	0.0004405	0.0004528
Other Ins. Trust Rev	0	0	0	0	0	0	0

**Conservative**  
**State Revenues at State Average Rates**  
**Differences as Compared to REMI Standard Reg Control**

Variable	2028	2029	2030
Federal Intergovernmental	0.004652	0.004552	0.004457
Local Intergovernmental	0.00001243	0.00001219	0.00001197
Property Tax	0.00000005	0.00000005	0.00000005
General Sales Tax	0.0035	0.003535	0.003546
Motor Fuel Sales Tax	0.0004373	0.0004508	0.0004632
Alcoholic Bev Sales Tax	0.00003806	0.00003922	0.00004026
Tobacco Sales Tax	0.0002808	0.0002772	0.0002735
Public Utility Sales Tax	0.0003177	0.0003224	0.0003263
Other Sales Tax	0.0009071	0.0009162	0.0009191
Individual Income Tax	0.005956	0.006049	0.006129
Corporate Income Tax	0.001815	0.001815	0.001812
Motor Vehicle License	0.000445	0.0004529	0.0004601
Other Tax	0.0009177	0.000934	0.0009489
Education Charges	0.001646	0.00161	0.001549
Other Charges & Rev	0.003161	0.003217	0.003269
Utility&Liquor Store Rev	0.00004634	0.00004716	0.00004792
Unemployment Comp.	0.002609	0.002661	0.002705
Employee Retirement	0.001979	0.002014	0.002047
Workers' Comp.	0.0004637	0.0004728	0.0004807
Other Ins. Trust Rev	0	0	0

**Conservative**  
**State Expenditures at State Average Rates**  
**Differences as Compared to REMI Standard Reg Control**

Variable	2000	2001	2002	2003	2004	2005
Intergovernmental	0.0004081	0.001106	0.001752	0.002229	0.002639	0.003082
Higher Education	0.0001702	0.0004616	0.0007311	0.0009306	0.001102	0.001286
Elementary & Secondary Education; Libraries	0.0000018	0.0000049	0.00000776	0.00000988	0.0000117	0.00001366
Welfare	-0.005386	-0.005895	-0.003856	-0.001114	-0.0001161	0.0003854
Health	0.0002023	0.0005486	0.0008689	0.001106	0.001309	0.001529
Transportation	0.0001154	0.0003128	0.0004955	0.0006307	0.0007466	0.0008719
Police, Fire, Correction	0.0000984	0.0002668	0.0004227	0.000538	0.0006368	0.0007437
Natural Resources, Parks, Housing	0.00003314	0.00008988	0.0001424	0.0001812	0.0002145	0.0002505
Sewerage, Solid Waste	0.00002185	0.00005926	0.00009386	0.0001195	0.0001414	0.0001652
Administration & Unallocable	0.0002239	0.0006072	0.0009618	0.001224	0.001449	0.001692
Interest on Debt	0.0001336	0.0003623	0.0005739	0.0007305	0.0008647	0.00101
Utilities, Transit	0.00003203	0.00008686	0.0001376	0.0001751	0.0002073	0.0002421
Insurance Trusts	-0.003374	-0.003692	-0.002415	-0.0006978	-0.0000727	0.0002414

Variable	2006	2007	2008	2009	2010	2011
Intergovernmental	0.003527	0.003971	0.004437	0.004839	0.00525	0.005648
Higher Education	0.001472	0.001657	0.001852	0.00202	0.002191	0.002357
Elementary & Secondary Education; Libraries	0.00001564	0.0000176	0.00001967	0.00002145	0.00002327	0.00002503
Welfare	0.001363	0.002149	0.00264	0.003673	0.004184	0.005208
Health	0.00175	0.00197	0.002201	0.0024	0.002605	0.002802
Transportation	0.0009979	0.001123	0.001255	0.001369	0.001485	0.001598
Police, Fire, Correction	0.0008512	0.0009582	0.001071	0.001168	0.001267	0.001363
Natural Resources, Parks, Housing	0.0002867	0.0003227	0.0003606	0.0003933	0.0004267	0.000459
Sewerage, Solid Waste	0.000189	0.0002128	0.0002377	0.0002593	0.0002813	0.0003026
Administration & Unallocable	0.001937	0.00218	0.002436	0.002657	0.002883	0.003101
Interest on Debt	0.001156	0.001301	0.001454	0.001585	0.00172	0.00185
Utilities, Transit	0.0002771	0.0003119	0.0003485	0.0003801	0.0004124	0.0004436
Insurance Trusts	0.0008539	0.001346	0.001654	0.002301	0.002621	0.003262

**Conservative**  
**State Expenditures at State Average Rates**  
**Differences as Compared to REMI Standard Reg Control**

Variable	2012	2013	2014	2015	2016	2017
Intergovernmental	0.00597	0.006222	0.00644	0.006622	0.006741	0.006801
Higher Education	0.002492	0.002597	0.002688	0.002764	0.002814	0.002838
Elementary & Secondary Education; Libraries	0.00002646	0.00002758	0.00002854	0.00002935	0.00002988	0.00003015
Welfare	0.006584	0.007377	0.007951	0.00841	0.009202	0.009732
Health	0.002961	0.003087	0.003194	0.003285	0.003344	0.003374
Transportation	0.001689	0.00176	0.001822	0.001873	0.001907	0.001924
Police, Fire, Correction	0.00144	0.001501	0.001554	0.001598	0.001627	0.001641
Natural Resources, Parks, Housing	0.0004852	0.0005057	0.0005234	0.0005382	0.0005479	0.0005527
Sewerage, Solid Waste	0.0003199	0.0003334	0.0003451	0.0003548	0.0003612	0.0003644
Administration & Unallocable	0.003278	0.003416	0.003536	0.003636	0.003701	0.003734
Interest on Debt	0.001956	0.002039	0.00211	0.00217	0.002209	0.002228
Utilities, Transit	0.0004689	0.0004887	0.0005058	0.0005201	0.0005295	0.0005342
Insurance Trusts	0.004124	0.004621	0.00498	0.005268	0.005764	0.006096

Variable	2018	2019	2020	2021	2022	2023	2024
Intergovernmental	0.006804	0.006768	0.006701	0.006606	0.006497	0.00637	0.006231
Higher Education	0.00284	0.002825	0.002797	0.002757	0.002712	0.002659	0.0026
Elementary & Secondary Education; Libraries	0.00003016	0	0.0000297	0.00002928	0.0000288	0.00002824	0.00002762
Welfare	0.01005	0.01017	0.01021	0.01018	0.01007	0.009906	0.009702
Health	0.003375	0.003357	0.003324	0.003277	0.003223	0.00316	0.003091
Transportation	0.001925	0.001915	0.001896	0.001869	0.001838	0.001802	0.001762
Police, Fire, Correction	0.001642	0.001633	0.001617	0.001594	0.001568	0.001537	0.001503
Natural Resources, Parks, Housing	0.000553	0.0005501	0.0005446	0.0005369	0.0005281	0.0005178	0.0005064
Sewerage, Solid Waste	0.0003646	0.0003627	0.0003591	0.000354	0.0003482	0.0003414	0.0003339
Administration & Unallocable	0.003736	0.003716	0.003679	0.003627	0.003567	0.003498	0.003421
Interest on Debt	0.002229	0.002218	0.002196	0.002164	0.002129	0.002087	0.002041
Utilities, Transit	0.0005344	0.0005316	0.0005263	0.0005189	0.0005103	0.0005004	0.0004894
Insurance Trusts	0.006293	0.006367	0.006393	0.006378	0.006306	0.006205	0.006077

**Conservative**  
**State Expenditures at State Average Rates**  
**Differences as Compared to REMI Standard Reg Control**

Variable	2025	2026	2027	2028	2029	2030
Intergovernmental	0.006079	0.005932	0.005809	0.005694	0.005587	0.005483
Higher Education	0.002537	0.002476	0.002425	0.002377	0.002332	0.002289
Elementary & Secondary Education; Libraries	0.00002694	0.0000263	0.00002575	0.00002524	0.00002477	0.00002431
Welfare	0.009497	0.009028	0.00865	0.008335	0.008076	0.007857
Health	0.003015	0.002943	0.002882	0.002825	0.002772	0.00272
Transportation	0.00172	0.001678	0.001643	0.001611	0.001581	0.001551
Police, Fire, Correction	0.001467	0.001432	0.001402	0.001374	0.001348	0.001323
Natural Resources, Parks, Housing	0.0004941	0.0004822	0.0004721	0.0004628	0.0004541	0.0004457
Sewerage, Solid Waste	0.0003257	0.0003179	0.0003113	0.0003051	0.0002994	0.0002938
Administration & Unallocable	0.003338	0.003257	0.003189	0.003126	0.003068	0.003011
Interest on Debt	0.001992	0.001944	0.001903	0.001866	0.001831	0.001797
Utilities, Transit	0.0004775	0.000466	0.0004563	0.0004472	0.0004389	0.0004307
Insurance Trusts	0.005949	0.005655	0.005418	0.005221	0.005059	0.004922

**Conservative**  
**Local Revenues at Adjusted State Average Rates**  
**Differences as Compared to REMI Standard Reg Control**

Variable	2000	2001	2002	2003	2004	2005	2006	2007
Federal Intergovernmental	0.0000479	0.0001273	0.0001966	0.0002442	0.0002822	0.0003221	0.0003605	0.000397
State Intergovernmental	0.0003809	0.001032	0.001635	0.002081	0.002463	0.002877	0.003293	0.003707
Property Tax	0.0005833	0.001412	0.002183	0.002776	0.00334	0.003938	0.004521	0.005107
General Sales Tax	0	0.00000005	0.00000005	0.00000004	0.00000004	0	0.00000005	0.00000005
Motor Fuel Sales Tax	0	0	0	0	0	0	0	0
Alcoholic Bev Sales Tax	0	0	0	0	0	0	0	0
Tobacco Sales Tax	0	0	0	0	0	0	0	0
Public Utility Sales Tax	0	0	0	0	0	0	0	0
Other Sales Tax	0.0000001	0.00000016	0.00000015	0.00000012	0.00000012	0.00000013	0.00000014	0
Individual Income Tax	0	0	0	0	0	0	0	0
Corporate Income Tax	0	0	0	0	0	0	0	0
Motor Vehicle License	0	0	0	0	0	0	0	0
Other Tax	0.00004907	0.00007595	0.00007816	0.00006752	0.00006925	0.0000766	0.00008075	0.0000862
Education Charges	0.00005637	0.00009934	0.0001147	0.0001092	0.000111	0.000117	0.0001186	0.0001217
Other Charges & Rev	0.0006729	0.001041	0.001072	0.0009259	0.0009496	0.00105	0.001107	0.001182
Utility&Liquor Store Rev	0.0003339	0.0005168	0.0005318	0.0004594	0.0004712	0.0005212	0.0005494	0.0005865
Unemployment Comp.	0	0	0	0	0	0	0	0
Employee Retirement	0.0001938	0.0002999	0.0003086	0.0002666	0.0002735	0.0003025	0.0003189	0.0003404

**Conservative**  
**Local Revenues at Adjusted State Average Rates**  
**Differences as Compared to REMI Standard Reg Control**

Variable	2008	2009	2010	2011	2012	2013	2014
Federal Intergovernmental	0.0004344	0.0004676	0.0005009	0.0005325	0.0005565	0.000574	0.0005882
State Intergovernmental	0.004142	0.004517	0.004901	0.005272	0.005572	0.005808	0.006011
Property Tax	0.005723	0.006313	0.006925	0.007503	0.007995	0.008438	0.008848
General Sales Tax	0.00000006	0.00000006	0.00000006	0.00000006	0	0.00000006	0.00000006
Motor Fuel Sales Tax	0	0	0	0	0	0	0
Alcoholic Bev Sales Tax	0	0	0	0	0	0	0
Tobacco Sales Tax	0	0	0	0	0	0	0
Public Utility Sales Tax	0	0	0	0.000000001	0	0.000000001	0.000000001
Other Sales Tax	0.00000016	0.00000016	0	0.00000018	0.00000017	0.00000016	0.00000016
Individual Income Tax	0	0	0	0	0	0	0
Corporate Income Tax	0	0	0	0	0	0	0
Motor Vehicle License	0	0	0	0	0	0	0
Other Tax	0.00009458	0.00009789	0.0001053	0.00011	0.0001089	0.0001104	0.0001127
Education Charges	0.0001289	0.0001299	0.0001363	0.0001396	0.000135	0.0001336	0.0001366
Other Charges & Rev	0.001297	0.001342	0.001444	0.001508	0.001494	0.001514	0.001545
Utility&Liquor Store Rev	0.0006435	0.0006661	0.0007167	0.0007484	0.0007411	0.0007513	0.0007668
Unemployment Comp.	0	0	0	0	0	0	0
Employee Retirement	0.0003735	0.0003865	0.0004159	0.0004343	0.0004301	0.000436	0.000445

**Conservative**  
**Local Revenues at Adjusted State Average Rates**  
**Differences as Compared to REMI Standard Reg Control**

Variable	2015	2016	2017	2018	2019	2020	2021
Federal Intergovernmental	0.0005993	0.0006049	0.0006053	0.0006011	0.0005939	0.0005842	0.0005726
State Intergovernmental	0.006181	0.006293	0.006348	0.006351	0.006318	0.006255	0.006166
Property Tax	0.00923	0.009533	0.009769	0.009948	0.01008	0.01018	0.01024
General Sales Tax	0.00000006	0.00000005	0	0.00000004	0.00000004	0.00000004	0.00000004
Motor Fuel Sales Tax	0	0	0	0	0	0	0
Alcoholic Bev Sales Tax	0	0	0	0	0	0	0
Tobacco Sales Tax	0	0	0	0	0	0	0
Public Utility Sales Tax	0	0.00000001	0.00000001	0	0	0	0
Other Sales Tax	0.00000016	0.00000015	0.00000014	0.00000013	0.00000012	0.00000012	0.00000011
Individual Income Tax	0	0	0	0	0	0	0
Corporate Income Tax	0	0	0	0	0	0	0
Motor Vehicle License	0	0	0	0	0	0	0
Other Tax	0.000115	0.0001137	0.0001127	0.000112	0.0001117	0.0001115	0.0001111
Education Charges	0.0001456	0.000154	0.0001653	0.0001816	0.0002007	0.0002185	0.0002314
Other Charges & Rev	0.001577	0.001559	0.001545	0.001535	0.001532	0.001529	0.001523
Utility&Liquor Store Rev	0.0007827	0.0007733	0.0007667	0.0007618	0.0007602	0.0007588	0.0007556
Unemployment Comp.	0	0	0	0	0	0	0
Employee Retirement	0.0004542	0.0004488	0.000445	0.0004421	0.0004412	0.0004404	0.0004385

**Conservative**  
**Local Revenues at Adjusted State Average Rates**  
**Differences as Compared to REMI Standard Reg Control**

Variable	2022	2023	2024	2025	2026	2027	2028
Federal Intergovernmental	0.0005601	0.0005465	0.0005321	0.000517	0.0005027	0.0004905	0.0004794
State Intergovernmental	0.006065	0.005946	0.005816	0.005674	0.005537	0.005422	0.005315
Property Tax	0.01027	0.01028	0.01027	0.01023	0.01021	0.0102	0.01019
General Sales Tax	0.00000003	0.00000003	0.00000003	0.00000003	0.00000003	0.00000003	0.00000003
Motor Fuel Sales Tax	0	0	0	0	0	0	0
Alcoholic Bev Sales Tax	0	0	0	0	0	0	0
Tobacco Sales Tax	0	0	0	0	0	0	0
Public Utility Sales Tax	0	0	0	0	0	0	0
Other Sales Tax	0.0000001	0.0000001	0.00000009	0.00000009	0.00000009	0.0000001	0.0000001
Individual Income Tax	0	0	0	0	0	0	0
Corporate Income Tax	0	0	0	0	0	0	0
Motor Vehicle License	0	0	0	0	0	0	0
Other Tax	0.0001113	0.0001115	0.0001118	0.0001117	0.0001141	0.0001168	0.0001192
Education Charges	0.0002401	0.0002449	0.0002466	0.0002425	0.0002383	0.0002352	0.0002323
Other Charges & Rev	0.001526	0.001528	0.001532	0.001532	0.001565	0.001602	0.001635
Utility&Liquor Store Rev	0.0007572	0.0007583	0.0007604	0.0007603	0.0007767	0.0007947	0.0008112
Unemployment Comp.	0	0	0	0	0	0	0
Employee Retirement	0.0004394	0.0004401	0.0004413	0.0004412	0.0004507	0.0004612	0.0004708

**Conservative**  
**Local Revenues at Adjusted State Average Rates**  
**Differences as Compared to REMI Standard Reg Control**

Variable	2029	2030
Federal Intergovernmental	0.0004691	0.0004593
State Intergovernmental	0.005215	0.005118
Property Tax	0.01019	0.01019
General Sales Tax	0.00000003	0.00000003
Motor Fuel Sales Tax	0	0
Alcoholic Bev Sales Tax	0	0
Tobacco Sales Tax	0	0
Public Utility Sales Tax	0	0.00000001
Other Sales Tax	0.0000001	0.0000001
Individual Income Tax	0	0
Corporate Income Tax	0	0
Motor Vehicle License	0	0
Other Tax	0.0001213	0.0001233
Education Charges	0.0002274	0.0002187
Other Charges & Rev	0.001664	0.00169
Utility&Liquor Store Rev	0.0008256	0.0008388
Unemployment Comp.	0	0
Employee Retirement	0.0004791	0.0004868

**Conservative**  
**Local Expenditures at Adjusted State Average Rates**  
**Differences as Compared to REMI Standard Reg Control**

<b>Variable</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
<b>Intergovernmental</b>	0.00000033	0.00000089	0.00000141	0.0000018	0.00000213	0.00000249
<b>Higher Education</b>	0	0	0	0	0	0
<b>Elementary &amp; Secondary Education; Libraries</b>	0.0007463	0.002024	0.003206	0.00408	0.00483	0.005641
<b>Welfare</b>	-0.0004631	-0.0005068	-0.0003315	-0.00009579	-0.00000998	0.00003313
<b>Health</b>	0.00001377	0.00003735	0.00005916	0.0000753	0.00008913	0.0001041
<b>Transportation</b>	0.00006008	0.000163	0.0002581	0.0003285	0.0003888	0.0004541
<b>Police, Fire, Correction</b>	0.0001521	0.0004125	0.0006534	0.0008316	0.0009844	0.00115
<b>Natural Resources, Parks, Housing</b>	0.00008212	0.0002227	0.0003527	0.000449	0.0005314	0.0006207
<b>Sewerage, Solid Waste</b>	0.00008643	0.0002344	0.0003712	0.0004725	0.0005593	0.0006533
<b>Administration &amp; Unallocable</b>	0.0002162	0.0005864	0.0009287	0.001182	0.001399	0.001634
<b>Interest on Debt</b>	0.00004008	0.0001087	0.0001721	0.0002191	0.0002594	0.0003029
<b>Utilities, Transit</b>	0.00006756	0.0001832	0.0002902	0.0003694	0.0004373	0.0005107
<b>Insurance Trusts</b>	-0.0003523	-0.0003856	-0.0002522	-0.00007288	-0.00000759	0.00002521

<b>Variable</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>
<b>Intergovernmental</b>	0.00000285	0.00000321	0.0000035	0.00000391	0.00000424	0.0000045
<b>Higher Education</b>	0	0	0	0	0	0
<b>Elementary &amp; Secondary Education; Libraries</b>	0.006456	0.007267	0.00812	0.008856	0.009609	0.01034
<b>Welfare</b>	0.0001172	0.0001847	0.000227	0.0003158	0.0003597	0.0004478
<b>Health</b>	0.0001191	0.0001341	0.0001498	0.0001634	0.0001773	0.0001907
<b>Transportation</b>	0.0005198	0.0005851	0.0006537	0.000713	0.0007736	0.0008321
<b>Police, Fire, Correction</b>	0.001316	0.001481	0.001655	0.001805	0.001958	0.002107
<b>Natural Resources, Parks, Housing</b>	0.0007104	0.0007996	0.0008935	0.0009745	0.001057	0.001137
<b>Sewerage, Solid Waste</b>	0.0007477	0.0008416	0.0009404	0.001026	0.001113	0.001197
<b>Administration &amp; Unallocable</b>	0.00187	0.002105	0.002352	0.002566	0.002784	0.002994
<b>Interest on Debt</b>	0.0003467	0.0003902	0.000436	0.0004756	0.000516	0.000555
<b>Utilities, Transit</b>	0.0005845	0.0006579	0.0007351	0.0008018	0.0008699	0.0009357
<b>Insurance Trusts</b>	0.00008916	0.0001406	0.0001727	0.0002403	0.0002737	0.0003407

**Conservative**  
**Local Expenditures at Adjusted State Average Rates**  
**Differences as Compared to REMI Standard Reg Control**

Variable	2012	2013	2014	2015	2016	2017
Intergovernmental	0.0000048	0.00000503	0.00000521	0.00000535	0.00000545	0.0000055
Higher Education	0	0	0	0	0	0
Elementary & Secondary Education; Libraries	0.01093	0.01139	0.01179	0.01212	0.01234	0.01245
Welfare	0.0005661	0.0006342	0.0006836	0.0007231	0.0007911	0.0008368
Health	0.0002016	0.0002102	0.0002175	0.0002236	0.0002277	0.0002297
Transportation	0.0008796	0.0009168	0.0009488	0.0009757	0.0009933	0.001002
Police, Fire, Correction	0.002227	0.002321	0.002402	0.00247	0.002515	0.002537
Natural Resources, Parks, Housing	0.001202	0.001253	0.001297	0.001333	0.001358	0.001369
Sewerage, Solid Waste	0.001265	0.001319	0.001365	0.001403	0.001429	0.001441
Administration & Unallocable	0.003165	0.003299	0.003414	0.003511	0.003574	0.003606
Interest on Debt	0.0005867	0.0006115	0.0006329	0.0006508	0.0006625	0.0006683
Utilities, Transit	0.0009891	0.001031	0.001067	0.001097	0.001117	0.001127
Insurance Trusts	0.0004307	0.0004825	0.0005201	0.0005501	0.0006019	0.0006366

Variable	2018	2019	2020	2021	2022	2023
Intergovernmental	0.0000055	0.00000547	0.00000542	0.00000534	0.00000525	0.00000515
Higher Education	0	0	0	0	0	0
Elementary & Secondary Education; Libraries	0.01245	0.01239	0.01226	0.01209	0.01189	0.01166
Welfare	0.0008637	0.000874	0.0008775	0.0008754	0.0008655	0.0008517
Health	0.0002298	0.0002286	0.0002263	0.0002231	0.0002194	0.0002152
Transportation	0.001003	0.0009973	0.0009874	0.0009733	0.0009573	0.0009387
Police, Fire, Correction	0.002538	0.002525	0.0025	0.002464	0.002424	0.002376
Natural Resources, Parks, Housing	0.00137	0.001363	0.001349	0.00133	0.001308	0.001283
Sewerage, Solid Waste	0.001442	0.001435	0.00142	0.0014	0.001377	0.00135
Administration & Unallocable	0.003607	0.003589	0.003553	0.003502	0.003445	0.003378
Interest on Debt	0.0006687	0.0006652	0.0006585	0.0006492	0.0006385	0.0006261
Utilities, Transit	0.001127	0.001121	0.00111	0.001094	0.001076	0.001056
Insurance Trusts	0.0006571	0.0006649	0.0006676	0.000666	0.0006585	0.000648

**Conservative**  
**Local Expenditures at Adjusted State Average Rates**  
**Differences as Compared to REMI Standard Reg Control**

Variable	2024	2025	2026	2027	2028	2029
Intergovernmental	0.00000504	0.00000491	0.000004	0.000004	0.0000046	0.00000452
Higher Education	0	0	0	0	0	0
Elementary & Secondary Education; Libraries	0.0114	0.01113	0.01086	0.01063	0.01042	0.01023
Welfare	0.0008341	0.0008165	0.0007762	0.0007437	0.0007166	0.0006944
Health	0.0002104	0.0002053	0.0002004	0.0001962	0.0001923	0.0001887
Transportation	0.000918	0.0008957	0.0008741	0.0008558	0.000839	0.0008232
Police, Fire, Correction	0.002324	0.002267	0.002213	0.002167	0.002124	0.002084
Natural Resources, Parks, Housing	0.001255	0.001224	0.001195	0.00117	0.001147	0.001125
Sewerage, Solid Waste	0.001321	0.001288	0.001257	0.001231	0.001207	0.001184
Administration & Unallocable	0.003303	0.003223	0.003145	0.00308	0.003019	0.002962
Interest on Debt	0.0006123	0.0005974	0.000583	0.0005708	0.0005596	0.0005491
Utilities, Transit	0.001032	0.001007	0.0009829	0.0009624	0.0009435	0.0009257
Insurance Trusts	0.0006346	0.0006212	0.0005905	0.0005658	0.0005452	0.0005283

Variable	2030
Intergovernmental	0.00000443
Higher Education	0
Elementary & Secondary Education; Libraries	0.01004
Welfare	0.0006755
Health	0.0001852
Transportation	0.0008079
Police, Fire, Correction	0.002045
Natural Resources, Parks, Housing	0.001104
Sewerage, Solid Waste	0.001162
Administration & Unallocable	0.002907
Interest on Debt	0.0005389
Utilities, Transit	0.0009085
Insurance Trusts	0.000514

**Optimistic**

**Primary:Super Summary Table**

**Differences as Compared to REMI Standard Reg Control**

Variable	2000	2001	2002	2003	2004	2005	2006
<b>Total Emp (Thous)</b>	7.145	8.79	8.99	8.474	8.569	9.038	9.27
<b>Total Emp As % of US</b>	0.004295	0.005224	0.005281	0.00493	0.004936	0.005155	0.005236
<b>Priv Non-Farm Emp (Thous)</b>	7.084	8.636	8.751	8.168	8.205	8.621	8.801
<b>Priv Non-Farm Emp As % of US</b>	0.005022	0.006039	0.006046	0.005587	0.005556	0.005778	0.005839
<b>GRP (Bil Fixed 92\$)</b>	0.2763	0.3488	0.3581	0.3328	0.3352	0.3559	0.3665
<b>Pers Inc (Bil Nom \$)</b>	0.2662	0.3762	0.4161	0.4109	0.4292	0.4661	0.4938
<b>Pers Inc As % of US</b>	0.003271	0.004404	0.004647	0.004383	0.004371	0.004535	0.004588
<b>Disp Pers Inc (Bil Nom \$)</b>	0.2045	0.2916	0.3238	0.321	0.3362	0.3656	0.3881
<b>PCE-Price Index (Fixed 92\$)</b>	0.05421	0.08511	0.1008	0.1039	0.106	0.1097	0.1114
<b>Real Disp Pers Inc (Bil Fixed 92\$)</b>	0.1225	0.1638	0.1721	0.1626	0.1666	0.179	0.1872
<b>Real Disp Pers Inc Per Cap (Thous Fixed 92\$)</b>	0.02878	0.0279	0.01801	0.005329	-0.001949	-0.006533	-0.01202
<b>Population (Thous)</b>	1.076	2.741	4.243	5.409	6.376	7.296	8.147
<b>Pop As % of US</b>	0.0003908	0.0009868	0.001514	0.001913	0.002236	0.002537	0.002809

Variable	2007	2008	2009	2010	2011	2012	2013
<b>Total Emp (Thous)</b>	9.604	10.12	10.37	10.88	11.01	10.9	10.96
<b>Total Emp As % of US</b>	0.005372	0.005607	0.005702	0.005952	0.005976	0.00587	0.005856
<b>Priv Non-Farm Emp (Thous)</b>	9.088	9.555	9.759	10.24	10.33	10.19	10.22
<b>Priv Non-Farm Emp As % of US</b>	0.00597	0.006215	0.006302	0.00657	0.006575	0.00643	0.006397
<b>GRP (Bil Fixed 92\$)</b>	0.383	0.4092	0.4195	0.4547	0.4633	0.4597	0.4658
<b>Pers Inc (Bil Nom \$)</b>	0.5274	0.5732	0.6054	0.655	0.6886	0.7039	0.7285
<b>Pers Inc As % of US</b>	0.004681	0.004862	0.004917	0.005096	0.005133	0.005032	0.004997
<b>Disp Pers Inc (Bil Nom \$)</b>	0.4152	0.4516	0.4777	0.5173	0.5447	0.5579	0.5781
<b>PCE-Price Index (Fixed 92\$)</b>	0.1134	0.1173	0.1188	0.1226	0.1239	0.122	0.1205
<b>Real Disp Pers Inc (Bil Fixed 92\$)</b>	0.1977	0.2122	0.221	0.236	0.2444	0.2462	0.2514
<b>Real Disp Pers Inc Per Cap (Thous Fixed 92\$)</b>	-0.01659	-0.02007	-0.02488	-0.02785	-0.03235	-0.03782	-0.04144
<b>Population (Thous)</b>	8.938	9.713	10.44	11.16	11.82	12.36	12.81
<b>Pop As % of US</b>	0.003056	0.003294	0.003514	0.003724	0.003914	0.004063	0.004177

**Optimistic**

**Primary:Super Summary Table**

**Differences as Compared to REMI Standard Reg Control**

Variable	2014	2015	2016	2017	2018	2019	2020
<b>Total Emp (Thous)</b>	11.04	11.14	10.94	10.77	10.64	10.51	10.39
<b>Total Emp As % of US</b>	0.005849	0.005859	0.005712	0.005592	0.005494	0.005405	0.005329
<b>Priv Non-Farm Emp (Thous)</b>	10.28	10.37	10.15	9.979	9.845	9.719	9.607
<b>Priv Non-Farm Emp As % of US</b>	0.006376	0.006376	0.006197	0.006053	0.005939	0.005837	0.005752
<b>GRP (Bil Fixed 92\$)</b>	0.4731	0.4827	0.4762	0.4724	0.4717	0.4715	0.473
<b>Pers Inc (Bil Nom \$)</b>	0.7548	0.7836	0.7939	0.8068	0.8214	0.8376	0.8562
<b>Pers Inc As % of US</b>	0.004968	0.004949	0.004814	0.004693	0.004588	0.004492	0.00441
<b>Disp Pers Inc (Bil Nom \$)</b>	0.5997	0.6231	0.6323	0.6434	0.6558	0.6694	0.6847
<b>PCE-Price Index (Fixed 92\$)</b>	0.119	0.1178	0.1136	0.1091	0.1046	0.1007	0.09702
<b>Real Disp Pers Inc (Bil Fixed 92\$)</b>	0.257	0.2631	0.2631	0.2641	0.2655	0.2671	0.2691
<b>Real Disp Pers Inc Per Cap (Thous Fixed 92\$)</b>	-0.04435	-0.04663	-0.04972	-0.05172	-0.05289	-0.0535	-0.05351
<b>Population (Thous)</b>	13.2	13.52	13.74	13.87	13.92	13.92	13.88
<b>Pop As % of US</b>	0.004269	0.00434	0.004378	0.004385	0.004369	0.004335	0.004289

Variable	2021	2022	2023	2024	2025	2026	2027
<b>Total Emp (Thous)</b>	10.27	10.16	10.06	9.941	9.808	9.858	9.891
<b>Total Emp As % of US</b>	0.005253	0.005188	0.005123	0.005056	0.00498	0.004993	0.004995
<b>Priv Non-Farm Emp (Thous)</b>	9.49	9.393	9.297	9.192	9.07	9.129	9.17
<b>Priv Non-Farm Emp As % of US</b>	0.005668	0.005599	0.005531	0.005461	0.00538	0.005404	0.005412
<b>GRP (Bil Fixed 92\$)</b>	0.4744	0.4774	0.4805	0.4828	0.4843	0.497	0.5085
<b>Pers Inc (Bil Nom \$)</b>	0.8757	0.8998	0.9251	0.9521	0.9784	1.024	1.074
<b>Pers Inc As % of US</b>	0.004331	0.004271	0.004213	0.00416	0.0041	0.004115	0.004135
<b>Disp Pers Inc (Bil Nom \$)</b>	0.7007	0.7204	0.7411	0.7631	0.7846	0.8208	0.8614
<b>PCE-Price Index (Fixed 92\$)</b>	0.09355	0.09073	0.08833	0.08612	0.08406	0.08458	0.08578
<b>Real Disp Pers Inc (Bil Fixed 92\$)</b>	0.2711	0.2742	0.2772	0.2804	0.283	0.2899	0.2976
<b>Real Disp Pers Inc Per Cap (Thous Fixed 92\$)</b>	-0.05318	-0.05239	-0.0514	-0.05018	-0.04893	-0.04672	-0.04471
<b>Population (Thous)</b>	13.79	13.69	13.56	13.41	13.26	13.11	12.99
<b>Pop As % of US</b>	0.004231	0.004167	0.004097	0.004023	0.003945	0.003873	0.003809

**Optimistic**

**Primary:Super Summary Table**

**Differences as Compared to REMI Standard Reg Control**

<b>Variable</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>
<b>Total Emp (Thous)</b>	9.908	9.902	9.885
<b>Total Emp As % of US</b>	0.004984	0.004958	0.004923
<b>Priv Non-Farm Emp (Thous)</b>	9.193	9.193	9.179
<b>Priv Non-Farm Emp As % of US</b>	0.005405	0.005381	0.005345
<b>GRP (Bil Fixed 92\$)</b>	0.5183	0.5263	0.5331
<b>Pers Inc (Bil Nom \$)</b>	1.126	1.178	1.231
<b>Pers Inc As % of US</b>	0.00415	0.004158	0.004161
<b>Disp Pers Inc (Bil Nom \$)</b>	0.903	0.9456	0.9889
<b>PCE-Price Index (Fixed 92\$)</b>	0.08736	0.08908	0.09064
<b>Real Disp Pers Inc (Bil Fixed 92\$)</b>	0.3049	0.3119	0.3186
<b>Real Disp Pers Inc Per Cap (Thous Fixed 92\$)</b>	-0.04302	-0.04168	-0.04041
<b>Population (Thous)</b>	12.9	12.81	12.73
<b>Pop As % of US</b>	0.003751	0.003698	0.003647

**Optimistic  
Fiscal (Bil 99\$)  
Differences as Compared to REMI Standard Reg Control**

<b>Variable</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	
<b>State Revenues at State Average Rates</b>	0.03193	0.0422	0.04453	0.0425	0.04334	0.04611	0.0477	
<b>Local Revenues at Adjusted State Average Rates</b>	0.005244	0.009372	0.01255	0.01478	0.01705	0.01945	0.02164	
<b>State Expenditures at State Average Rates</b>	-0.01743	-0.0102	0.0009175	0.01225	0.01994	0.02597	0.03249	
<b>Local Expenditures at Adjusted State Average Rates</b>	0.001262	0.006433	0.01171	0.01621	0.01991	0.0234	0.02681	
<b>Variable</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
<b>State Revenues at State Average Rates</b>	0.04979	0.05289	0.05454	0.05803	0.05942	0.05922	0.05992	0.06077
<b>Local Revenues at Adjusted State Average Rates</b>	0.02381	0.02608	0.02801	0.03012	0.03195	0.03339	0.03474	0.03599
<b>State Expenditures at State Average Rates</b>	0.03822	0.0432	0.04842	0.05253	0.05776	0.06287	0.06641	0.06932
<b>Local Expenditures at Adjusted State Average Rates</b>	0.03003	0.03319	0.03594	0.03862	0.04124	0.04348	0.04525	0.04676
<b>Variable</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
<b>State Revenues at State Average Rates</b>	0.06185	0.06122	0.06086	0.06077	0.06074	0.06084	0.06087	0.06103
<b>Local Revenues at Adjusted State Average Rates</b>	0.03716	0.03799	0.03866	0.03921	0.03965	0.04001	0.04027	0.04051
<b>State Expenditures at State Average Rates</b>	0.07161	0.07423	0.0759	0.07674	0.07709	0.07701	0.07665	0.0761
<b>Local Expenditures at Adjusted State Average Rates</b>	0.04802	0.04898	0.04957	0.04982	0.04984	0.04967	0.04935	0.04898
<b>Variable</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>
<b>State Revenues at State Average Rates</b>	0.06112	0.06114	0.06096	0.06194	0.06298	0.06389	0.06463	0.06526
<b>Local Revenues at Adjusted State Average Rates</b>	0.04068	0.04081	0.04087	0.04106	0.04134	0.04163	0.04194	0.04225
<b>State Expenditures at State Average Rates</b>	0.07538	0.07458	0.07375	0.07237	0.07139	0.07063	0.07007	0.06963
<b>Local Expenditures at Adjusted State Average Rates</b>	0.04851	0.04799	0.04742	0.04685	0.04645	0.04611	0.04584	0.0456

**Optimistic**

**State Revenues at State Average Rates**

**Differences as Compared to REMI Standard Reg Control**

Variable	2000	2001	2002	2003	2004	2005	2006
Federal Intergovernmental	0.001007	0.002527	0.00388	0.004907	0.005741	0.006519	0.007225
Local Intergovernmental	0.00000192	0.00000493	0.00000777	0.00001008	0.00001207	0.00001403	0.0000159
Property Tax	0	0.00000001	0.00000002	0.00000003	0.00000004	0.00000004	0.00000005
General Sales Tax	0.00902	0.01104	0.01086	0.00968	0.009403	0.009724	0.009724
Motor Fuel Sales Tax	0.0008793	0.001078	0.001037	0.0008819	0.0008382	0.0008588	0.0008501
Alcoholic Bev Sales Tax	0.0000864	0.0001059	0.0001002	0.00008381	0.00007861	0.00007963	0.00007789
Tobacco Sales Tax	0.00008956	0.0001682	0.0002262	0.0002651	0.0003026	0.000342	0.0003774
Public Utility Sales Tax	0.0003926	0.0004813	0.000492	0.0004663	0.0004681	0.0004895	0.0004981
Other Sales Tax	0.002338	0.002862	0.002814	0.002509	0.002437	0.00252	0.00252
Individual Income Tax	0.006391	0.008325	0.008606	0.007992	0.008064	0.008566	0.008845
Corporate Income Tax	0.001456	0.001877	0.002003	0.001958	0.002047	0.002231	0.00236
Motor Vehicle License	0.0003942	0.0005228	0.0005471	0.0005149	0.0005257	0.0005633	0.0005876
Other Tax	0.0008129	0.001078	0.001128	0.001062	0.001084	0.001162	0.001212
Education Charges	0.0008605	0.001335	0.001565	0.00159	0.001621	0.001662	0.001656
Other Charges & Rev	0.0028	0.003714	0.003887	0.003658	0.003734	0.004002	0.004174
Utility&Liquor Store Rev	0.00004105	0.00005445	0.00005698	0.00005362	0.00005475	0.00005867	0.00006119
Unemployment Comp.	0.00306	0.003992	0.004154	0.003891	0.003899	0.004084	0.004164
Employee Retirement	0.001753	0.002326	0.002434	0.00229	0.002338	0.002506	0.002614
Workers' Comp.	0.0005438	0.0007094	0.0007382	0.0006915	0.0006929	0.0007259	0.0007399
Other Ins. Trust Rev	0	0	0	0	0	0	0

**Optimistic**

**State Revenues at State Average Rates**

**Differences as Compared to REMI Standard Reg Control**

Variable	2007	2008	2009	2010	2011	2012	2013
Federal Intergovernmental	0.007869	0.00849	0.009029	0.009567	0.01005	0.01043	0.01072
Local Intergovernmental	0.0000177	0.0000195	0.00002101	0.00002255	0.00002398	0.00002516	0.00002612
Property Tax	0.00000006	0.00000006	0.00000007	0.00000007	0.00000008	0.00000008	0.00000009
General Sales Tax	0.009886	0.01036	0.01047	0.01111	0.01113	0.01074	0.01069
Motor Fuel Sales Tax	0.00086	0.0008984	0.0008906	0.0009272	0.0009216	0.0008772	0.0008636
Alcoholic Bev Sales Tax	0.00007797	0.00008063	0.00007951	0.00008252	0.00008166	0.0000774	0.000076
Tobacco Sales Tax	0.0004115	0.0004467	0.0004771	0.0005102	0.000539	0.0005608	0.0005799
Public Utility Sales Tax	0.0005127	0.0005368	0.000554	0.0005958	0.0006115	0.0006143	0.0006275
Other Sales Tax	0.002562	0.002686	0.002713	0.00288	0.002884	0.002783	0.00277
Individual Income Tax	0.00924	0.009847	0.01015	0.01078	0.01105	0.01098	0.01112
Corporate Income Tax	0.002518	0.002719	0.002845	0.003224	0.003343	0.003402	0.003502
Motor Vehicle License	0.0006189	0.0006634	0.0006893	0.0007351	0.0007596	0.0007629	0.0007776
Other Tax	0.001276	0.001368	0.001422	0.001516	0.001567	0.001573	0.001604
Education Charges	0.001662	0.001702	0.001705	0.001763	0.001779	0.001742	0.001738
Other Charges & Rev	0.004397	0.004713	0.004897	0.005222	0.005397	0.00542	0.005524
Utility&Liquor Store Rev	0.00006446	0.00006909	0.00007179	0.00007656	0.00007911	0.00007945	0.00008099
Unemployment Comp.	0.004297	0.004528	0.004636	0.004886	0.004954	0.004885	0.004902
Employee Retirement	0.002753	0.002951	0.003066	0.00327	0.003379	0.003394	0.003459
Workers' Comp.	0.0007637	0.0008046	0.0008239	0.0008684	0.0008803	0.0008682	0.0008711
Other Ins. Trust Rev	0	0	0	0	0	0	0

**Optimistic**

**State Revenues at State Average Rates**

**Differences as Compared to REMI Standard Reg Control**

Variable	2014	2015	2016	2017	2018	2019	2020
Federal Intergovernmental	0.01094	0.01113	0.01122	0.01125	0.01121	0.01113	0.01102
Local Intergovernmental	0.00002695	0.00002765	0.00002813	0.00002842	0.00002853	0.00002852	0.00002841
Property Tax	0.00000009	0.0000001	0.0000001	0.0000001	0.0000001	0.00000011	0.00000011
General Sales Tax	0.01069	0.01077	0.0103	0.009933	0.009677	0.009457	0.009306
Motor Fuel Sales Tax	0.0008573	0.0008575	0.0008233	0.0008014	0.000788	0.0007785	0.0007752
Alcoholic Bev Sales Tax	0.00007525	0.00007512	0.00007198	0.00006999	0.00006873	0.00006785	0.00006753
Tobacco Sales Tax	0.0005968	0.0006113	0.0006198	0.000625	0.0006271	0.0006269	0.0006251
Public Utility Sales Tax	0.0006423	0.0006597	0.0006556	0.0006545	0.0006568	0.0006592	0.0006634
Other Sales Tax	0.002771	0.002792	0.00267	0.002574	0.002508	0.002451	0.002412
Individual Income Tax	0.01128	0.01147	0.01135	0.01129	0.01127	0.01127	0.0113
Corporate Income Tax	0.003603	0.003708	0.003719	0.003734	0.003757	0.003771	0.003786
Motor Vehicle License	0.0007937	0.0008114	0.0008096	0.0008111	0.0008143	0.000818	0.0008235
Other Tax	0.001637	0.001673	0.00167	0.001673	0.001679	0.001687	0.001698
Education Charges	0.001793	0.001934	0.002086	0.002289	0.002568	0.002873	0.003163
Other Charges & Rev	0.005639	0.005764	0.005752	0.005762	0.005785	0.005812	0.00585
Utility&Liquor Store Rev	0.00008266	0.0000845	0.00008432	0.00008447	0.00008481	0.0000852	0.00008576
Unemployment Comp.	0.004934	0.004987	0.004888	0.004819	0.004776	0.004747	0.00474
Employee Retirement	0.003531	0.003609	0.003601	0.003608	0.003622	0.003639	0.003663
Workers' Comp.	0.0008768	0.0008862	0.0008687	0.0008565	0.0008487	0.0008437	0.0008424
Other Ins. Trust Rev	0	0	0	0	0	0	0

**Optimistic**

**State Revenues at State Average Rates**

**Differences as Compared to REMI Standard Reg Control**

Variable	2021	2022	2023	2024	2025	2026	2027
Federal Intergovernmental	0.01088	0.01074	0.01058	0.01042	0.01026	0.0101	0.009992
Local Intergovernmental	0.00002823	0.00002801	0.00002774	0.00002745	0.00002712	0.00002682	0.00002661
Property Tax	0.00000011	0.00000011	0.00000011	0.00000011	0.00000011	0.00000012	0.00000012
General Sales Tax	0.009168	0.009083	0.009009	0.008927	0.008817	0.009108	0.009358
Motor Fuel Sales Tax	0.0007744	0.0007806	0.000788	0.0007967	0.0008035	0.0008346	0.0008673
Alcoholic Bev Sales Tax	0.0000674	0.00006794	0.00006855	0.00006927	0.00006984	0.00007254	0.00007535
Tobacco Sales Tax	0.0006217	0.0006181	0.0006136	0.0006085	0.0006026	0.0005987	0.0005968
Public Utility Sales Tax	0.0006677	0.0006738	0.0006801	0.0006855	0.0006897	0.0007097	0.0007294
Other Sales Tax	0.002376	0.002354	0.002335	0.002314	0.002285	0.002361	0.002425
Individual Income Tax	0.01133	0.01142	0.0115	0.01159	0.01166	0.01195	0.01225
Corporate Income Tax	0.003795	0.003805	0.003813	0.00381	0.003803	0.003852	0.003897
Motor Vehicle License	0.0008289	0.0008377	0.0008462	0.0008554	0.0008626	0.0008838	0.0009071
Other Tax	0.00171	0.001728	0.001745	0.001764	0.001779	0.001823	0.001871
Education Charges	0.003381	0.003526	0.003604	0.00362	0.003541	0.003454	0.00338
Other Charges & Rev	0.005889	0.005951	0.006012	0.006077	0.006128	0.006279	0.006445
Utility&Liquor Store Rev	0.00008633	0.00008724	0.00008813	0.00008908	0.00008984	0.00009205	0.00009448
Unemployment Comp.	0.004739	0.004763	0.00479	0.004822	0.004845	0.004979	0.005117
Employee Retirement	0.003687	0.003726	0.003764	0.003805	0.003837	0.003931	0.004035
Workers' Comp.	0.0008422	0.0008465	0.0008512	0.000857	0.000861	0.0008849	0.0009094
Other Ins. Trust Rev	0	0	0	0	0	0	0

**Optimistic**  
**State Revenues at State Average Rates**  
**Differences as Compared to REMI Standard Reg Control**

Variable	2028	2029	2030
Federal Intergovernmental	0.009896	0.009815	0.009742
Local Intergovernmental	0.00002643	0.00002629	0.00002616
Property Tax	0.00000012	0.00000012	0.00000012
General Sales Tax	0.009551	0.00968	0.009779
Motor Fuel Sales Tax	0.0008957	0.0009199	0.0009434
Alcoholic Bev Sales Tax	0.00007779	0.00007986	0.00008187
Tobacco Sales Tax	0.0005953	0.0005943	0.0005937
Public Utility Sales Tax	0.0007471	0.0007626	0.0007772
Other Sales Tax	0.002475	0.002509	0.002534
Individual Income Tax	0.01253	0.01278	0.01301
Corporate Income Tax	0.003935	0.003965	0.003992
Motor Vehicle License	0.0009291	0.0009497	0.0009696
Other Tax	0.001916	0.001959	0.002
Education Charges	0.003309	0.00322	0.003096
Other Charges & Rev	0.006601	0.006747	0.006888
Utility&Liquor Store Rev	0.00009677	0.00009891	0.000101
Unemployment Comp.	0.005241	0.005351	0.005449
Employee Retirement	0.004133	0.004224	0.004313
Workers' Comp.	0.0009315	0.0009509	0.0009683
Other Ins. Trust Rev	0	0	0

**Optimistic**

**State Expenditures at State Average Rates**

**Differences as Compared to REMI Standard Reg Control**

<b>Variable</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
<b>Intergovernmental</b>	0.0008841	0.002262	0.003563	0.004618	0.005532	0.006428
<b>Higher Education</b>	0.0003689	0.0009441	0.001487	0.001927	0.002309	0.002683
<b>Elementary &amp; Secondary Education; Libraries</b>	0.00000391	0.00001003	0.00001579	0.00002047	0.00002452	0.00002849
<b>Welfare</b>	-0.01264	-0.01118	-0.007173	-0.002494	0.0002469	0.002008
<b>Health</b>	0.0004385	0.001122	0.001767	0.002291	0.002744	0.003189
<b>Transportation</b>	0.00025	0.0006399	0.001008	0.001306	0.001565	0.001818
<b>Police, Fire, Correction</b>	0.0002133	0.0005458	0.0008596	0.001114	0.001335	0.001551
<b>Natural Resources, Parks, Housing</b>	0.00007184	0.0001838	0.0002895	0.0003753	0.0004496	0.0005224
<b>Sewerage, Solid Waste</b>	0.00004736	0.0001212	0.0001909	0.0002474	0.0002964	0.0003444
<b>Administration &amp; Unallocable</b>	0.0004853	0.001242	0.001956	0.002535	0.003037	0.003529
<b>Interest on Debt</b>	0.0002896	0.0007411	0.001167	0.001513	0.001812	0.002106
<b>Utilities, Transit</b>	0.00006942	0.0001777	0.0002798	0.0003627	0.0004345	0.0005049
<b>Insurance Trusts</b>	-0.007915	-0.007005	-0.004493	-0.001562	0.0001547	0.001258

<b>Variable</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>
<b>Intergovernmental</b>	0.007286	0.00811	0.008937	0.00963	0.01033	0.01099	0.01153
<b>Higher Education</b>	0.003041	0.003385	0.00373	0.004019	0.004313	0.004587	0.004812
<b>Elementary &amp; Secondary Education; Libraries</b>	0.0000323	0.00003595	0.00003961	0.00004268	0.0000458	0.00004871	0.0000511
<b>Welfare</b>	0.004155	0.005887	0.007152	0.008855	0.009858	0.01165	0.01362
<b>Health</b>	0.003614	0.004023	0.004433	0.004777	0.005126	0.005451	0.005719
<b>Transportation</b>	0.002061	0.002294	0.002528	0.002724	0.002923	0.003109	0.003261
<b>Police, Fire, Correction</b>	0.001758	0.001957	0.002156	0.002324	0.002494	0.002652	0.002782
<b>Natural Resources, Parks, Housing</b>	0.0005922	0.0006592	0.0007264	0.0007827	0.0008399	0.0008932	0.000937
<b>Sewerage, Solid Waste</b>	0.0003904	0.0004346	0.0004789	0.000516	0.0005537	0.0005889	0.0006178
<b>Administration &amp; Unallocable</b>	0.004001	0.004453	0.004907	0.005287	0.005674	0.006034	0.00633
<b>Interest on Debt</b>	0.002387	0.002657	0.002928	0.003155	0.003386	0.003601	0.003777
<b>Utilities, Transit</b>	0.0005723	0.000637	0.0007019	0.0007564	0.0008116	0.0008632	0.0009055
<b>Insurance Trusts</b>	0.002602	0.003687	0.00448	0.005547	0.006175	0.007298	0.00853

**Optimistic**

**State Expenditures at State Average Rates**

**Differences as Compared to REMI Standard Reg Control**

<b>Variable</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>Intergovernmental</b>	0.01197	0.01235	0.01267	0.01289	0.01302	0.01307
<b>Higher Education</b>	0.004996	0.005154	0.005288	0.00538	0.005435	0.005457
<b>Elementary &amp; Secondary Education; Libraries</b>	0.00005306	0.00005474	0.00005616	0.00005713	0.00005772	0.00005795
<b>Welfare</b>	0.01483	0.0158	0.01651	0.01765	0.01839	0.01879
<b>Health</b>	0.005938	0.006126	0.006285	0.006394	0.00646	0.006486
<b>Transportation</b>	0.003386	0.003493	0.003584	0.003646	0.003684	0.003699
<b>Police, Fire, Correction</b>	0.002889	0.00298	0.003057	0.00311	0.003142	0.003155
<b>Natural Resources, Parks, Housing</b>	0.0009729	0.001004	0.00103	0.001048	0.001058	0.001063
<b>Sewerage, Solid Waste</b>	0.0006414	0.0006617	0.0006789	0.0006907	0.0006978	0.0007006
<b>Administration &amp; Unallocable</b>	0.006572	0.00678	0.006956	0.007077	0.00715	0.007179
<b>Interest on Debt</b>	0.003922	0.004046	0.004151	0.004223	0.004267	0.004284
<b>Utilities, Transit</b>	0.0009402	0.0009699	0.0009952	0.001012	0.001023	0.001027
<b>Insurance Trusts</b>	0.009292	0.0099	0.01034	0.01105	0.01152	0.01177

<b>Variable</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>
<b>Intergovernmental</b>	0.01307	0.01302	0.01293	0.01284	0.01271	0.01258
<b>Higher Education</b>	0.005455	0.005435	0.005399	0.005357	0.005307	0.00525
<b>Elementary &amp; Secondary Education; Libraries</b>	0.00005794	0.00005772	0.00005734	0.0000569	0.00005636	0.00005575
<b>Welfare</b>	0.01901	0.01907	0.01904	0.01891	0.01873	0.01854
<b>Health</b>	0.006484	0.006459	0.006416	0.006367	0.006307	0.006239
<b>Transportation</b>	0.003698	0.003684	0.003659	0.003631	0.003597	0.003558
<b>Police, Fire, Correction</b>	0.003154	0.003142	0.003121	0.003097	0.003068	0.003035
<b>Natural Resources, Parks, Housing</b>	0.001062	0.001058	0.001051	0.001043	0.001033	0.001022
<b>Sewerage, Solid Waste</b>	0.0007004	0.0006978	0.0006931	0.0006878	0.0006813	0.000674
<b>Administration &amp; Unallocable</b>	0.007177	0.007149	0.007102	0.007047	0.006981	0.006906
<b>Interest on Debt</b>	0.004283	0.004266	0.004238	0.004206	0.004166	0.004121
<b>Utilities, Transit</b>	0.001027	0.001023	0.001016	0.001008	0.0009986	0.0009879
<b>Insurance Trusts</b>	0.01191	0.01195	0.01193	0.01185	0.01174	0.01161

**Optimistic**

**State Expenditures at State Average Rates**

**Differences as Compared to REMI Standard Reg Control**

<b>Variable</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>
<b>Intergovernmental</b>	0.01243	0.01229	0.01219	0.01211	0.01205	0.01199
<b>Higher Education</b>	0.005186	0.005129	0.005089	0.005056	0.005028	0.005003
<b>Elementary &amp; Secondary Education; Libraries</b>	0.00005508	0.00005447	0.00005405	0.00005369	0.0000534	0.00005313
<b>Welfare</b>	0.01836	0.01781	0.01741	0.01712	0.01692	0.01678
<b>Health</b>	0.006164	0.006096	0.006049	0.006009	0.005976	0.005946
<b>Transportation</b>	0.003515	0.003476	0.00345	0.003427	0.003408	0.003391
<b>Police, Fire, Correction</b>	0.002999	0.002965	0.002942	0.002923	0.002907	0.002892
<b>Natural Resources, Parks, Housing</b>	0.00101	0.0009988	0.0009911	0.0009845	0.0009791	0.0009742
<b>Sewerage, Solid Waste</b>	0.0006659	0.0006585	0.0006534	0.0006491	0.0006455	0.0006423
<b>Administration &amp; Unallocable</b>	0.006823	0.006747	0.006695	0.006651	0.006615	0.006581
<b>Interest on Debt</b>	0.004071	0.004026	0.003995	0.003969	0.003947	0.003927
<b>Utilities, Transit</b>	0.000976	0.0009652	0.0009578	0.0009514	0.0009462	0.0009415
<b>Insurance Trusts</b>	0.0115	0.01115	0.01091	0.01072	0.0106	0.01051

**Optimistic**

**Local Revenues at Adjusted State Average Rates**

**Differences as Compared to REMI Standard Reg Control**

<b>Variable</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
<b>Federal Intergovernmental</b>	0.0001038	0.0002604	0.0003998	0.0005057	0.0005916	0.0006718	0.0007446	0.0008109
<b>State Intergovernmental</b>	0.0008253	0.002111	0.003325	0.00431	0.005163	0.006	0.006801	0.00757
<b>Property Tax</b>	0.001504	0.003244	0.004867	0.006229	0.007477	0.008701	0.009855	0.01097
<b>General Sales Tax</b>	0.00000009	0.00000011	0.00000011	0.0000001	0.0000001	0.0000001	0.0000001	0.0000001
<b>Motor Fuel Sales Tax</b>	0	0	0	0	0	0	0	0
<b>Alcoholic Bev Sales Tax</b>	0	0	0	0	0	0	0	0
<b>Tobacco Sales Tax</b>	0	0	0	0	0	0	0	0
<b>Public Utility Sales Tax</b>	0	0	0	0	0	0	0	0
<b>Other Sales Tax</b>	0.00000026	0.00000032	0.00000032	0.00000028	0.00000027	0.00000028	0.00000028	0.00000029
<b>Individual Income Tax</b>	0	0	0	0	0	0	0	0
<b>Corporate Income Tax</b>	0	0	0	0	0	0	0	0
<b>Motor Vehicle License</b>	0	0	0	0	0	0	0	0
<b>Other Tax</b>	0.0001056	0.0001401	0.0001466	0.000138	0.0001408	0.0001509	0.0001574	0.0001658
<b>Education Charges</b>	0.0001215	0.0001885	0.0002209	0.0002244	0.0002288	0.0002347	0.0002339	0.0002346
<b>Other Charges &amp; Rev</b>	0.001448	0.001921	0.00201	0.001892	0.001931	0.00207	0.002159	0.002274
<b>Utility&amp;Liquor Store Rev</b>	0.0007186	0.0009531	0.0009973	0.0009387	0.0009583	0.001027	0.001071	0.001128
<b>Unemployment Comp.</b>	0	0	0	0	0	0	0	0
<b>Employee Retirement</b>	0.000417	0.0005531	0.0005788	0.0005447	0.0005561	0.000596	0.0006216	0.0006548

**Optimistic**

**Local Revenues at Adjusted State Average Rates**

**Differences as Compared to REMI Standard Reg Control**

Variable	2008	2009	2010	2011	2012	2013	2014	2015
Federal Intergovernmental	0.0008749	0.0009304	0.0009859	0.001036	0.001075	0.001104	0.001128	0.001147
State Intergovernmental	0.008342	0.008989	0.009645	0.01026	0.01076	0.01117	0.01153	0.01183
Property Tax	0.01209	0.01315	0.01422	0.01522	0.0161	0.01691	0.01766	0.01838
General Sales Tax	0.0000001	0.00000011	0	0.00000012	0.0000001	0.00000011	0.00000011	0.00000011
Motor Fuel Sales Tax	0	0	0	0	0	0	0	0
Alcoholic Bev Sales Tax	0	0	0	0	0	0	0	0
Tobacco Sales Tax	0	0	0	0	0	0	0	0
Public Utility Sales Tax	0	0	0	0	0	0	0	0
Other Sales Tax	0.0000003	0.0000003	0.00000032	0.00000032	0.00000031	0.00000031	0.00000031	0.00000031
Individual Income Tax	0	0	0	0	0	0	0	0
Corporate Income Tax	0	0	0	0	0	0	0	0
Motor Vehicle License	0	0	0	0	0	0	0	0
Other Tax	0.0001777	0.0001847	0.000197	0.0002035	0.0002044	0.0002084	0.0002127	0.0002174
Education Charges	0.0002403	0.0002407	0.0002489	0.0002512	0.000246	0.0002454	0.0002532	0.0002731
Other Charges & Rev	0.002437	0.002532	0.002701	0.002791	0.002803	0.002857	0.002916	0.002981
Utility&Liquor Store Rev	0.001209	0.001257	0.00134	0.001385	0.001391	0.001418	0.001447	0.001479
Unemployment Comp.	0	0	0	0	0	0	0	0
Employee Retirement	0.0007018	0.0007293	0.0007777	0.0008037	0.0008071	0.0008227	0.0008397	0.0008584

**Optimistic**

**Local Revenues at Adjusted State Average Rates**

**Differences as Compared to REMI Standard Reg Control**

Variable	2016	2017	2018	2019	2020	2021	2022	2023
Federal Intergovernmental	0.001156	0.001159	0.001155	0.001147	0.001135	0.001121	0.001107	0.001091
State Intergovernmental	0.01203	0.01216	0.0122	0.0122	0.01215	0.01207	0.01198	0.01187
Property Tax	0.01898	0.01949	0.01994	0.02032	0.02065	0.02095	0.02121	0.02144
General Sales Tax	0.00000011	0.0000001	0.0000001	0.0000001	0.0000001	0.00000009	0.00000009	0.00000009
Motor Fuel Sales Tax	0	0	0	0	0	0	0	0
Alcoholic Bev Sales Tax	0	0	0	0	0	0	0	0
Tobacco Sales Tax	0	0	0	0	0	0	0	0
Public Utility Sales Tax	0	0	0	0	0	0	0	0
Other Sales Tax	0.0000003	0.00000029	0.00000028	0.0000002	0.00000027	0.00000027	0.0000002	0.00000026
Individual Income Tax	0	0	0	0	0	0	0	0
Corporate Income Tax	0	0	0	0	0	0	0	0
Motor Vehicle License	0	0	0	0	0	0	0	0
Other Tax	0.0002169	0.0002173	0.0002182	0.0002192	0.0002206	0.0002221	0.0002245	0.0002267
Education Charges	0.0002946	0.0003232	0.0003626	0.0004057	0.0004465	0.0004774	0.0004978	0.0005088
Other Charges & Rev	0.002974	0.00298	0.002992	0.003005	0.003025	0.003045	0.003078	0.003109
Utility&Liquor Store Rev	0.001476	0.001479	0.001485	0.001491	0.001501	0.001511	0.001527	0.001543
Unemployment Comp.	0	0	0	0	0	0	0	0
Employee Retirement	0.0008565	0.0008581	0.0008615	0.0008655	0.0008712	0.000877	0.0008863	0.0008953

**Optimistic**

**Local Revenues at Adjusted State Average Rates**

**Differences as Compared to REMI Standard Reg Control**

Variable	2024	2025	2026	2027	2028	2029	2030
Federal Intergovernmental	0.001074	0.001057	0.001041	0.00103	0.00102	0.001011	0.001004
State Intergovernmental	0.01174	0.0116	0.01147	0.01138	0.01131	0.01125	0.01119
Property Tax	0.02165	0.02183	0.02203	0.02226	0.0225	0.02275	0.02301
General Sales Tax	0.00000009	0.00000009	0.00000009	0.0000001	0.0000001	0.0000001	0.0000001
Motor Fuel Sales Tax	0	0	0	0	0	0	0
Alcoholic Bev Sales Tax	0	0	0	0	0	0	0
Tobacco Sales Tax	0	0	0	0	0	0	0
Public Utility Sales Tax	0	0	0	0	0	0	0
Other Sales Tax	0.00000026	0.00000026	0.00000026	0.00000027	0.00000028	0.00000028	0.00000028
Individual Income Tax	0	0	0	0	0	0	0
Corporate Income Tax	0	0	0	0	0	0	0
Motor Vehicle License	0	0	0	0	0	0	0
Other Tax	0.0002292	0.0002311	0.0002368	0.0002431	0.0002489	0.0002545	0.0002598
Education Charges	0.0005111	0.0005	0.0004877	0.0004772	0.0004671	0.0004546	0.0004371
Other Charges & Rev	0.003143	0.003169	0.003247	0.003333	0.003414	0.003489	0.003562
Utility&Liquor Store Rev	0.001559	0.001573	0.001611	0.001654	0.001694	0.001731	0.001768
Unemployment Comp.	0	0	0	0	0	0	0
Employee Retirement	0.000905	0.0009126	0.000935	0.0009597	0.000983	0.001005	0.001026

**Optimistic**

**Local Expenditures at Adjusted State Average Rates**  
**Differences as Compared to REMI Standard Reg Control**

<b>Variable</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
Intergovernmental	0.00000071	0.0000018	0.00000288	0.00000373	0.00000447	0.0000052
Higher Education	0	0	0	0	0	0
Elementary & Secondary Education; Libraries	0.001618	0.00414	0.00652	0.008451	0.01012	0.01176
Welfare	-0.001086	-0.0009615	-0.0006167	-0.0002144	0.00002122	0.0001726
Health	0.00002985	0.0000764	0.0001203	0.000156	0.0001868	0.0002171
Transportation	0.0001302	0.0003333	0.0005249	0.0006804	0.0008151	0.0009471
Police, Fire, Correction	0.0003297	0.0008438	0.001329	0.001722	0.002063	0.002398
Natural Resources, Parks, Housing	0.000178	0.0004555	0.0007174	0.0009299	0.001114	0.001294
Sewerage, Solid Waste	0.0001873	0.0004794	0.000755	0.0009787	0.001172	0.001362
Administration & Unallocable	0.0004686	0.001199	0.001889	0.002448	0.002933	0.003408
Interest on Debt	0.00008686	0.0002223	0.0003501	0.0004538	0.0005436	0.0006317
Utilities, Transit	0.0001464	0.0003748	0.0005902	0.0007651	0.0009165	0.001065
Insurance Trusts	-0.0008266	-0.0007315	-0.0004692	-0.0001631	0.00001615	0.0001314

<b>Variable</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>
Intergovernmental	0.00000589	0.00000656	0.00000723	0.00000779	0.00000836	0.00000889
Higher Education	0	0	0	0	0	0
Elementary & Secondary Education; Libraries	0.01334	0.01484	0.01636	0.01762	0.01891	0.02011
Welfare	0.0003572	0.0005061	0.000615	0.0007614	0.0008476	0.001002
Health	0.0002461	0.0002739	0.0003018	0.0003252	0.000349	0.0003712
Transportation	0.001074	0.001195	0.001317	0.001419	0.001523	0.001619
Police, Fire, Correction	0.002718	0.003025	0.003334	0.003592	0.003855	0.004099
Natural Resources, Parks, Housing	0.001467	0.001633	0.0018	0.001939	0.002081	0.002213
Sewerage, Solid Waste	0.001544	0.001719	0.001894	0.002041	0.00219	0.002329
Administration & Unallocable	0.003863	0.0043	0.004738	0.005106	0.005479	0.005827
Interest on Debt	0.0007161	0.000797	0.0008783	0.0009463	0.001016	0.00108
Utilities, Transit	0.001207	0.001344	0.001481	0.001595	0.001712	0.001821
Insurance Trusts	0.0002718	0.0003851	0.0004679	0.0005792	0.0006449	0.0007621

**Optimistic**

**Local Expenditures at Adjusted State Average Rates**  
**Differences as Compared to REMI Standard Reg Control**

Variable	2012	2013	2014	2015	2016	2017
Intergovernmental	0.00000932	0.00000968	0.00000999	0.00001025	0.00001043	0.00001054
Higher Education	0	0	0	0	0	0
Elementary & Secondary Education; Libraries	0.0211	0.02191	0.0226	0.02319	0.02359	0.02383
Welfare	0.001171	0.001275	0.001359	0.00142	0.001517	0.001581
Health	0.0003894	0.0004043	0.0004171	0.0004279	0.0004353	0.0004398
Transportation	0.001699	0.001764	0.00182	0.001867	0.001899	0.001919
Police, Fire, Correction	0.0043	0.004465	0.004606	0.004726	0.004808	0.004857
Natural Resources, Parks, Housing	0.002322	0.002411	0.002487	0.002551	0.002596	0.002622
Sewerage, Solid Waste	0.002443	0.002537	0.002617	0.002685	0.002732	0.00276
Administration & Unallocable	0.006112	0.006347	0.006547	0.006717	0.006834	0.006904
Interest on Debt	0.001133	0.001176	0.001214	0.001245	0.001267	0.00128
Utilities, Transit	0.00191	0.001983	0.002046	0.002099	0.002136	0.002158
Insurance Trusts	0.0008908	0.0009704	0.001034	0.00108	0.001154	0.001203

Variable	2018	2019	2020	2021	2022	2023
Intergovernmental	0.00001058	0.00001058	0.00001054	0.00001047	0.00001039	0.00001029
Higher Education	0	0	0	0	0	0
Elementary & Secondary Education; Libraries	0.02393	0.02392	0.02383	0.02367	0.02349	0.02327
Welfare	0.001616	0.001634	0.00164	0.001637	0.001626	0.001611
Health	0.0004416	0.0004414	0.0004398	0.0004369	0.0004335	0.0004294
Transportation	0.001926	0.001926	0.001919	0.001906	0.001891	0.001873
Police, Fire, Correction	0.004877	0.004876	0.004857	0.004825	0.004788	0.004743
Natural Resources, Parks, Housing	0.002633	0.002632	0.002622	0.002605	0.002585	0.00256
Sewerage, Solid Waste	0.002771	0.00277	0.00276	0.002741	0.00272	0.002695
Administration & Unallocable	0.006932	0.00693	0.006904	0.006858	0.006805	0.006741
Interest on Debt	0.001285	0.001285	0.00128	0.001271	0.001261	0.001249
Utilities, Transit	0.002166	0.002166	0.002157	0.002143	0.002127	0.002107
Insurance Trusts	0.001229	0.001244	0.001247	0.001245	0.001237	0.001226

**Optimistic**

**Local Expenditures at Adjusted State Average Rates  
Differences as Compared to REMI Standard Reg Control**

Variable	2024	2025	2026	2027	2028	2029
Intergovernmental	0.00001018	0.00001006	0.00000994	0.00000986	0.0000098	0.00000974
Higher Education	0	0	0	0	0	0
Elementary & Secondary Education; Libraries	0.02302	0.02274	0.02249	0.02232	0.02217	0.02205
Welfare	0.001594	0.001578	0.001531	0.001497	0.001472	0.001455
Health	0.0004248	0.0004197	0.000415	0.0004118	0.0004091	0.0004069
Transportation	0.001853	0.001831	0.001811	0.001797	0.001785	0.001775
Police, Fire, Correction	0.004692	0.004635	0.004584	0.004549	0.004518	0.004494
Natural Resources, Parks, Housing	0.002533	0.002502	0.002475	0.002456	0.002439	0.002426
Sewerage, Solid Waste	0.002666	0.002634	0.002605	0.002585	0.002567	0.002553
Administration & Unallocable	0.006669	0.006588	0.006516	0.006465	0.006422	0.006387
Interest on Debt	0.001236	0.001221	0.001208	0.001198	0.00119	0.001184
Utilities, Transit	0.002084	0.002059	0.002036	0.00202	0.002007	0.001996
Insurance Trusts	0.001213	0.001201	0.001165	0.001139	0.00112	0.001107

Variable	2030
Intergovernmental	0.00000969
Higher Education	0
Elementary & Secondary Education; Libraries	0.02194
Welfare	0.001443
Health	0.0004048
Transportation	0.001766
Police, Fire, Correction	0.004471
Natural Resources, Parks, Housing	0.002414
Sewerage, Solid Waste	0.00254
Administration & Unallocable	0.006355
Interest on Debt	0.001178
Utilities, Transit	0.001986
Insurance Trusts	0.001098

