2007 Report on Rhode Island's Local Government Debt to the Public Finance Management Board

December 2007

State of Rhode Island and Providence Plantations

OFFICE OF THE GENERAL TREASURER

FRANK T. CAPRIO GENERAL TREASURER

PUBLIC FINANCE MANAGEMENT BOARD

Date:

December 2007

To:

Honorable Chair and Members of the Public Finance Management Board

From:

Michael J. Solomon, Executive Director for Operations

Paul Goslin, Debt Analyst 🄥

Subject:

Public Finance Management Board ("PFMB")

Debt Report Update: Rhode Island's Local Government Debt

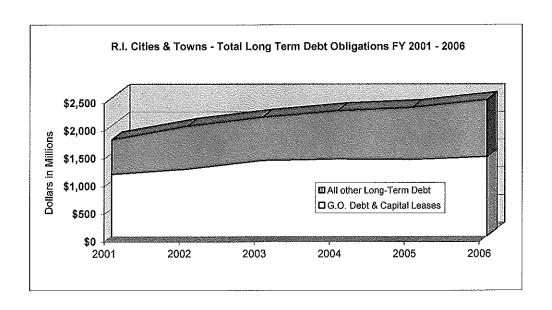
In December 2007, the PFMB published its annual Report on Debt Management ("State Debt Report"). This State Debt Report provides a comprehensive review of State, State Agency and Quasi-Public Corporation debt. According to **R.I.G.L. §42-10.1**, the PFMB's comprehensive annual debt review is to also include an analysis of the State's local governmental unit debt. This memorandum provides the required summary analysis of the debt profiles of Rhode Island's cities and towns.

Rhode Island's high level of State debt is partially the result of certain governmental functions being assumed at the State level, which in other states might be delegated to the local governmental level. Examples of this include the State's convention center and correctional facilities. This argument implies that Rhode Island's local governments should be relieved of a significant debt burden relative to municipalities in other states. This continues to be true for the majority of Rhode Island cities and towns.

The principal findings of this report are summarized below:

Growth of Long-Term Obligations of RI Cities and Towns is Accelerating

As shown in the following graph, total long-term obligations have increased from \$1.74 billion in 2001, to \$2.46 billion in 2006, which represents an annual compound growth rate of 7.17%. General obligation (G.O.) debt and capital leases, which comprise the largest components of total long-term debt, increased by \$315.2 million from a total of \$1.1 billion in 2001 to \$1.43 billion in 2006. R.I. cities and towns total G.O. debt and capital leases grew at a compound annual growth rate of 5.09%. The State's compound annual growth rate was 0.88%, far less than the 4.36% growth rate of RI's personal income over this period. The local governments with the fastest compound annual debt growth rates since 2001 include Tiverton (55.8%), Coventry (47.4%), New Shoreham (35.9%) and Newport (29.8%). In terms of absolute dollar growth, several cities and towns have added significantly to their outstanding debt in the last five years. These include the following cities: Woonsocket (+\$87.2 million), Providence (+\$54.0 million), Cranston (+\$33.0 million), Westerly (+\$32.2 million) and Coventry (+\$25.3 million). Over the same period, fifteen municipalities have reduced outstanding debt, most notably, Pawtucket (-\$18.0 million) and North Kingstown (-\$11.3 million).



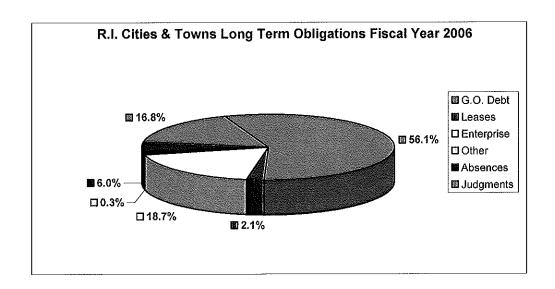
As expected, the local governments with the most G.O. and capital lease debt include the State's largest cities, such as Providence (\$448.2 million), Woonsocket (\$122.9 million), Cranston (\$91.0 million), Warwick (\$74.0 million) and Pawtucket (\$60.0 million). The communities with the lowest debt levels outstanding include Foster (\$0), West Greenwich (\$165,631) and Hopkinton (\$1,472,757).

Investment in infrastructure, such as schools, roads, water supply, waste water treatment systems and community development may be the reason for growth in debt levels. It should also be noted that debt growth rates might appear to be high for certain cities or towns because they may have had minimal amounts of G.O. debt and capital leases outstanding in 2001. The town of West Greenwich, for example, had outstanding G.O. debt and capital leases in 2001 of only \$166,017 (see Appendix B). An increase from such a nominal level of debt outstanding would necessarily show a high rate of growth, but might not necessarily be a significant increase in absolute dollars. For this reason, it is important to look at absolute dollar growth, as well as the annual growth rate of debt.

Analysis of debt levels relative to population trends is also important. Estimates provided by the Rhode Island Division of Statewide Planning for 2005, versus the official (actual) 2000 U.S. Census figures, do not provide insight as to population growth, as these estimates indicate a compound annual growth rate of only 0.42%. Analysis of building permit growth in cities and towns would be an indicator of the need for infrastructure and therefore additional debt. However, this consideration is beyond the scope of this analysis.

General Obligation Debt Accounts for 56.1% of Total Long-Term Obligations

The definition of long-term obligations has been expanded in recent years to include unfunded judgments, claims and accrued pension liability as well as accrued vacations, absences and deferred compensation along with G.O. bonds, loans and notes, and capital leases. As shown in the chart on the following page, most long-term obligations consist of G.O. bonds, loans and notes payable (\$1.38 billion or 56.1% of total debt) approved by voter referendum. The second largest category at 18.7% is enterprise fund debt (\$460.3 million), which typically is self-supporting, followed by unfunded claims, judgments and accrued pension liability debt at 16.7% (\$412.5 million). Absences, vacations and deferred compensation, represent 6.0% of long-term obligations and capital leases represent 2.1%. Finally, other debt, (\$8.3 million), includes items such as provision for landfill closure costs, special purpose bonds or other types of debt.



Statewide figures for non-general obligation debt are somewhat skewed, as a handful of cities and towns comprise the majority of this type of debt. The City of Warwick accounts for 32% of all outstanding enterprise fund debt, while Pawtucket has 22% of all enterprise debt. Providence represents 34% of the unfunded claims, judgments and accrued pension liability, followed by the City of Cranston (21%) and Pawtucket (15%).

Tax-Supported Debt Capacity Ratios

Treasury obtained summary financial data from the FY01-06 audited financial statements of each city and town. The FY06 audited financial statements are the most current available for all cities and towns. Population figures are based on the official 2000 census figures from the U. S. Census Bureau, Washington, D.C. and the R.I. Division of Statewide Planning. Property valuations are based on the equalized weighted assessed full valuations of each city and town, averaged from 2003 - 2005.

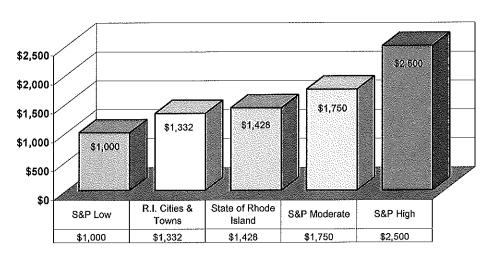
In general, population and property valuation data may lag actual conditions by several years. Despite the lag in available data, it provides a relevant analysis that allows for comparative debt ratio analysis.

To analyze the relative debt burden for cities and towns, we examined debt ratios, which revealed the following:

Tax-Supported Debt Per Capita on the Rise

As shown in the chart on the following page, the average debt per capita for RI's cities and towns is \$1,332, (up from \$1,290 in 2004), which is categorized by Standard and Poor's as "moderate" debt burden. In prior years R.I. cities and towns were categorized as having a "low" debt burden. The cities and towns with the highest debt per capita include areas of the state with relatively low population, such as New Shoreham (\$16,690) and Burrillville (\$1,759). However, relatively high population does not necessarily mean low debt per capita. Two cities with high absolute debt also had high debt per capita relative to the other communities: Woonsocket (\$2,772) and Providence (\$2,534). The communities with the lowest debt per capita were Foster (\$0), West Greenwich (\$29) and Hopkinton (\$181). The towns of Foster and West Greenwich participate in a regional school district, which shares school debt with other communities.

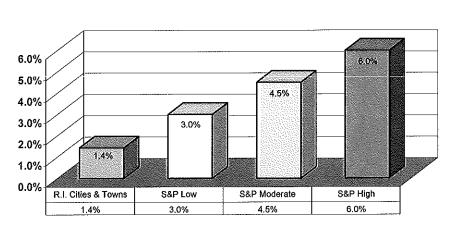
S&P's benchmarks for Debt per Capita along with R.I. Cities and Towns debt levels are shown in the graph below.



Cities & Towns and R.I. State Net Debt per Capita vs. Standard & Poor's Benchmarks

Tax-Supported Debt as a Percent of Property Valuation Compares Favorably to S & P Benchmarks

Debt as a percent of property valuation is a measure often cited by the rating agencies as an indication of ability to incur indebtedness. Treasury has attempted to measure property wealth through the equalized weighted assessed full valuation, averaged over a three-year period 2003 - 2005. The Rhode Island Department of Administration, Office of Municipal Affairs provided property valuation figures. Taking this property valuation estimate as a percentage of outstanding debt reveals that the statewide average is 1.44%, well below the S&P benchmark range of 3.0% - 6.0%. Woonsocket (10.2%), Providence (8.5%) and Central Falls (5.5%), carry the highest debt burden by this measure. Foster (0.00%), West Greenwich (0.02%) and Little Compton (0.10%) have the lowest ratios. The equalized weighted assessed valuation is adjusted for the median family income in each city and town. Therefore, it is not directly comparable to the S&P market value calculation; however, it provides a closer comparison than the actual assessed valuation. S&P's benchmarks for overall net debt to market value as compared to the Rhode Island Cities and Towns debt to equalized full valuation are represented in the chart below.



R.I. Cities & Towns Debt to Market Value vs. Standard & Poor's Benchmarks 2006

Tax-Supported Debt as a Percent of Adjusted Gross Income is within PFMB Guideline Range

Personal income is often compared to debt as a measure of affordability. However, personal income is tracked by the federal government by region, not by city or town. For this reason, the Rhode Island Division of Taxation extracted information from the State taxation database to determine the level of reported adjusted gross income by city and town for 2005. Treasury then computed the ratio of local debt to adjusted gross income. The statewide average increased slightly from 5.3% in 2004 to 5.7% in 2006. The State's net debt to personal income ratio was 3.9% in FY06, well within the PFMB's guideline range of 5% to 6%. The cities and towns with the highest ratios included New Shoreham (53.5%), Woonsocket (21.3%) and Providence (15.8%). The cities and towns with the lowest ratios included Foster (0.0%), West Greenwich (0.1%) and Hopkinton (0.8%).

Debt Burden of Cities and Towns

From the data obtained, all Rhode Island cities and towns were analyzed based on six debt factors. Three of the factors were based on FY 06 financial statements and three were based on growth from FY 01-06. Please see Appendix A. The debt factors include:

Net Debt Growth by Net Dollar Change - examines the increase or decrease in the total long-term debt on an absolute basis.

Net Debt Compound Annual Growth Rate - examines the rate of increase or decrease in the amount of long-term debt on a percentage basis.

Debt as a Percentage of Equalized Weighted Assessed Valuations - ranks long-term debt as a percentage of the assessed property values. Because property valuation is not standardized across the State, a three-year average from 2003 to 2005 was used.

Dollar Change in Debt per Capita - examines the increase or decrease in the amount of debt for each city or town divided by the population.

Debt as a Percentage of Adjusted Gross Income - determines debt affordability based on the income of tax paying residents.

Debt per Capita - total long-term debt of each city or town divided by the population.

The results are included in Appendix A. Reasons underlying individual municipal debt profiles and growth rates of these communities require further analysis.

Economic growth typically requires added public investment in the form of debt for infrastructure improvements. Also, certain cities and towns may be infrequent borrowers, which might serve to spike the results upward, if considered within a limited time frame and the city or town in question has recently financed a major project (between 2001 and 2006, for example). In addition, special circumstances not explained by the rankings would include bonds issued for tax synchronization or school bonds subject to state reimbursement.

Finally, as we have demonstrated in this study, a relatively high local government debt burden in Rhode Island does not necessarily mean an unmanageable debt burden relative to cities and towns in other states. In fact, Moody's and S&P have consistently rated the communities ranked among the highest local government debt burdens in the category of "average to above average ability to meet debt service payments" – "Baa/BBB" and "A" category.

Other Categories of Long-Term Obligations on Upward Trend

Two other categories of long-term obligations are not considered to be G.O. debt. These include (1) absences, vacation and deferred compensation and (2) unfunded claims, judgments and accrued pension liabilities. Our data indicates that the 2006 total impact of these obligations was \$560.8 million, which is 22.8% of the total of all long-term obligations. This represents a 68.4% increase from 2001 when these obligations totaled \$333.0 million or 19.1% of all long-term obligations. The Cities of Cranston and Central Falls have a disproportionate share of their total long-term debt categorized as unfunded claims, judgments and accrued pension liability at 44.2% and 57.9% respectively. The total of all non-general obligation debt has increased from \$623.8 million or 35.8% of total long-term debt in 2001 to \$1,029.3 million or 41.8% of total long-term debt in 2006. While significant, part of this increase may be attributable to the implementation of GASB Statement 45. This accounting standard requires municipal governments to report the liability associated with post employment benefits to retirees, including health insurance.

Conclusion

The average debt per capita for Rhode Island's cities and towns is in the moderate range based on S&P's benchmarks for local government debt, while the percentage of debt to property valuation for Rhode Island's cities and towns is lower than S&P's benchmarks. For this reason, this analysis validates by quantification at least one of the State Debt Report explanations for relatively high State debt. However, it should be noted that (1) debt growth rates are not uniform across Rhode Island local governments; (2) other long-term obligations also have a significant financial impact on Rhode Island's cities and towns; and (3) the compound annual growth rate of total long-term local government debt (7.2%) is more than two and one-half times the rate of inflation (2.6%) as measured by the consumer price index (CPI) for the Northeast during the period 2001 – 2006. These three factors should be of continuing interest to the Board, as the financial condition of cities and towns has a substantial, if indirect, impact on the state government.

This supplemental report is intended to further the PFMB's compliance with R.I.G.L. §42-10.1.

Treasury extends its thanks to the Division of Taxation, the Office of Municipal Affairs, the Division of Statewide Planning and the State's financial adviser, First Southwest Company, for their help in gathering the statistical data used to compile this report.

Attachments

Appendix A Ranking of RI Municipalities Based on Six Debt Factors

Appendix B City and Town Financial Data

Appendix C Description of RI Property Valuation Methodology

Appendix D Standard and Poor's Benchmark Report

Moody's Special Comment - 2006 Local Government National Medians

Standard & Poor's – U.S. GO Rating Distributions & Summary Ratios: Year-End 2007

Appendix E RI Municipal Credit Ratings, November 2007

Appendix A

Ranking of the Cities and Towns by Net Debt Growth From 2001 to 2006 by Compound Annual Growth Rate

City or Town	2001 Total G.O. Debt & Capital Leases	2006 Total G.O. Debt & Capital Leases	Net Dollar Change	Compound Annual Growth Rate
			10.050.500	EE 700/
1 Tiverton	1,304,095	11,963,693	10,659,598	55.78%
2 Coventry	4,240,000	29,540,000	25,300,000	47.44%
3 New Shoreham	3,766,876	17,441,407	13,674,531	35.87%
4 Newport	5,603,033	20,621,283	15,018,250	29.77%
5 Charlestown	1,924,187	6,932,190	5,008,003	29.22%
6 Woonsocket	35,702,255	122,867,937	87,165,682	28.04%
7 Middletown	4,732,493	13,222,356	8,489,863	22.81%
8 Westerly	19,060,380	51,227,929	32,167,549	21.86%
9 Warren	3,464,700	9,045,195	5,580,495	21.16%
10 Smithfield	9,389,971	18,039,295	8,649,324	13.95%
11 East Greenwich	6,495,176	10,452,958	3,957,782	9.98%
12 Lincoln	32,315,000	51,685,689	19,370,689	9.85%
13 Cranston	57,960,210	90,992,212	33,032,002	9.44%
14 Bristol	11,661,174	17,918,724	6,257,550	8.97%
15 West Warwick	13,484,038	20,143,000	6,658,962	8.36%
16 East Providence	25,114,614	36,842,833	11,728,219	7.97%
17 North Providence	24,666,173	35,213,336	10,547,163	7.38%
18 Hopkinton	1,070,817	1,472,757	401,940	6.58%
		,	Average:	5.62%
19 Johnston	18,292,369	22,904,972	4,612,603	4.60%
20 Cumberland	38,924,372	46,198,104	7,273,732	3.49%
21 Warwick	62,684,443	73,982,459	11,298,016	3.37%
22 Providence	394,202,000	448,236,000	54,034,000	2.60%
23 Richmond	1,555,517	1,677,898	122,381	1.53%
24 Portsmouth	17,644,077	17,696,634	52,557	0.06%
25 West Greenwich	166,017	165,631	(386)	-0.05%
26 Scituate	9,945,000	9,546,389	(398,611)	-0.81%
27 South Kingstown	39,815,583	38,215,000	(1,600,583)	-0.82%
28 Barrington	29,413,508	26,323,530	(3,089,978)	-2.20%
29 North Kingstown	56,698,923	45,400,659	(11,298,264)	-4.35%
30 Burrillville	36,838,345	29,142,238	(7,696,107)	-4.58%
31 Pawtucket	78,003,332	59,998,877	(18,004,455)	-5.11%
32 Narragansett	13,837,203	10,148,823	(3,688,380)	-6.01%
33 Jamestown	6,798,673	4,776,500	(2,022,173)	-6.82%
34 Glocester	6,635,000	4,620,426	(2,014,574)	-6.98%
35 North Smithfield	9,458,906	6,311,346	(3,147,560)	-7.77%
36 Exeter	13,270,000	8,686,291	(4,583,709)	-8.13%
37 Central Falls	19,627,000	12,441,380	(7,185,620)	-8.71%
38 Little Compton	2,552,456	1,615,429	(937,027)	-8.74%
39 Foster	200,000	0	(200,000)	
••••••				218.99%
Totals	1,118,517,916	1,433,711,380	315,193,464	5.09%
	Average co	mpound annual grov (218.99% / 39)	vth rate:	5.62%

Source: Audited financial statements of the 39 cities and towns.

Note: Total long-term debt is comprised of G.O. Bonds, G.O. Loans & Notes and Capital Leases.

Ranking of the Cities and Towns by Net Debt Growth From 2001 to 2006 by Net Dollar Change

	2001	2006	
	Total G.O. Debt	Total G.O. Debt	Net Dollar
City or Town	& Capital Leases	& Capital Leases	Change
		<u> </u>	
1 Woonsocket	35,702,255	122,867,937	87,165,682
2 Providence	394,202,000	448,236,000	54,034,000
3 Cranston	57,960,210	90,992,212	33,032,002
4 Westerly	19,060,380	51,227,929	32,167,549
5 Coventry	4,240,000	29,540,000	25,300,000
6 Lincoln	32,315,000	51,685,689	19,370,689
7 Newport	5,603,033	20,621,283	15,018,250
8 New Shoreham	3,766,876	17,441,407	13,674,531
9 East Providence	25,114,614	36,842,833	11,728,219
10 Warwick	62,684,443	73,982,459	11,298,016
11 Tiverton	1,304,095	11,963,693	10,659,598
12 North Providence	24,666,173	35,213,336	10,547,163
13 Smithfield	9,389,971	18,039,295	8,649,324
14 Middletown	4,732,493	13,222,356	8,489,863
		Average:	8,081,884
15 Cumberland	38,924,372	46,198,104	7,273,732
16 West Warwick	13,484,038	20,143,000	6,658,962
17 Bristol	11,661,174	17,918,724	6,257,550
18 Warren	3,464,700	9,045,195	5,580,495
19 Charlestown	1,924,187	6,932,190	5,008,003
20 Johnston	18,292,369	22,904,972	4,612,603
21 East Greenwich	6,495,176	10,452,958	3,957,782
22 Hopkinton	1,070,817	1,472,757	401,940
23 Richmond	1,555,517	1,677,898	122,381
24 Portsmouth	17,644,077	17,696,634	52,557
25 West Greenwich	166,017	165,631	(386)
26 Foster	200,000	0	(200,000)
27 Scituate	9,945,000	9,546,389	(398,611)
28 Little Compton	2,552,456	1,615,429	(937,027)
29 South Kingstown	39,815,583	38,215,000	(1,600,583)
30 Glocester	6,635,000	4,620,426	(2,014,574)
31 Jamestown	6,798,673	4,776,500	(2,022,173)
32 Barrington	29,413,508	26,323,530	(3,089,978)
33 North Smithfield	9,458,906	6,311,346	(3,147,560)
34 Narragansett	13,837,203	10,148,823	(3,688,380)
35 Exeter	13,270,000	8,686,291	(4,583,709)
36 Central Falls	19,627,000	12,441,380	(7,185,620)
37 Burrillville	36,838,345	29,142,238	(7,696,107)
38 North Kingstown	56,698,923	45,400,659	(11,298,264)
39 Pawtucket	78,003,332	59,998,877	(18,004,455)
		=	
Totals	1,118,517,916	1,433,711,380	315,193,464
	Averane	net dollar change:	8,081,884
	, worage	not donar drivingo.	0,001,004

Source: Audited financial statements of the 39 cities and towns.

Note: Total long-term debt is comprised of G.O. Bonds, G.O. Loans & Notes and Capital Leases.

Ranking of the Cities and Towns by Debt Per Capita 2006

		2006		
		Total G.O. Debt	2005	Debt Per
	City or Town	& Capital Leases	Population	Capita
	New Shoreham	17,441,407	1,045	16,690
	Woonsocket	122,867,937	44,328	2,772
_	Providence	448,236,000	176,862	2,534
	Lincoln	51,685,689	22,106	2,338
	Westerly	51,227,929	23,635	2,167
	Burrillville	29,142,238	16,563	1,759
	North Kingstown	45,400,659	27,093	1,676
	Barrington	26,323,530	16,757	1,571
	Exeter	8,686,291	6,298	1,379
	Cumberland	46,198,104	34,360	1,345
	South Kingstown	38,215,000	29,327	1,303
	Cranston	90,992,212	81,614	1,115
	North Providence	35,213,336	33,165	1,062
	Portsmouth	17,696,634	17,129	1,033
	Scituate	9,546,389	10,971	870
	Jamestown	4,776,500	5,611	851
	Warwick	73,982,459	87,233	848
	Coventry	29,540,000	35,080	842 838
	Charlestown	6,932,190	8,269 21,806	827
	Smithfield	18,039,295	•	814
	Newport	20,621,283	25,340 73,742	814
	Pawtucket	59,998,877	•	798
	Warren	9,045,195	11,328 16,737	790 790
	Middletown Johnston	13,222,356	29,163	785
	Tiverton	22,904,972 11,963,693	15,336	780
	East Greenwich	10,452,958	13,616	768
	East Providence	36,842,833	49,515	744
	Bristol	17,918,724	24,658	727
	West Warwick	20,143,000	29,984	672
	Central Falls	12,441,380	19,159	649
	Narragansett	10,148,823	16,906	. 600
	North Smithfield	6,311,346	11,191	564
	Little Compton	1,615,429	3,587	450
	Glocester	4,620,426	10,603	436
	Richmond	1,677,898	7,769	216
	Hopkinton	1,472,757	8,121	181
	West Greenwich	165,631	5,677	29
	Foster	0	4,505	0
	- -		.,	
	Totals	1,433,711,380	1,076,189	1,332

Source: Audited financial statements of the 39 cities and towns.
 Source: R.I. Division of Statewide Planning.
 Note: Total long-term debt is comprised of G.O. Bonds, G.O. Loans & Notes and Capital Leases.

Ranking of the Cities and Towns by Dollar Change in Debt Per Capita Change from 2001 to 2006

City or Town	2001 Total G.O. Debt & Capital Leases	2001 Population	Debt Per Capita	City or Town	2006 Total G.O. Debt & Capital Leases	2005 Population	Debt Per Capita	Rank on 2001 - 2006 Dollar Change
1 New Shoreham	3,766,876	1.023	3 682	New Shoreham	17,441,407	1,045	16,690	13,008
2 Woonsocket	35,702,255	43,495		Woonsocket	122,867,937	44,328	2,772	1,951
3 Westerly	19,060,380	23,349		Westerly	51,227,929	23,635	2,167	1,351
4 Lincoln	32,315,000	21,616		Lincoln	51,685,689	22,106	2,338	843
5 Coventry	4,240,000	34,249		Coventry	29,540,000	35,080	842	718
6 Tiverton	1,304,095	15,366		Tiverton	11,963,693	15,336	780	695
7 Newport	5,603,033	26,341		Newport	20,621,283	25,340	814	601
8 Charlestown	1,924,187	8,028		Charlestown	6,932,190	8,269	838	599
9 Middletown	4,732,493	17,288		Middletown	13,222,356	16,737	790	516
9 Middletown	4,132,493	17,200	214	MIGGIETOWN	10,222,000		verage:	496
40 Minusen	2 464 700	44 400	202	Warren	9,045,195	11,328	798	495
10 Warren	3,464,700	11,423 80,052		Cranston	90,992,212	81,614	1,115	391
11 Cranston	57,960,210	20,844		Smithfield	18,039,295	21,806	827	377
12 Smithfield	9,389,971	,		North Providence	35,213,336	33,165	1,062	308
13 North Providence	24,666,173	32,731		Providence	448,236,000	176,862	2,534	278
14 Providence	394,202,000	174,711	,	East Greenwich	10,452,958	13,616	768	274
15 East Greenwich	6,495,176	13,162				49,515	744	233
16 East Providence	25,114,614	49,100		East Providence	36,842,833	49,515 29,984	672	218
17 West Warwick	13,484,038	29,723		West Warwick	20,143,000	•	727	213
18 Bristol	11,661,174	22,699		Bristol	17,918,724	24,658		147
19 Cumberland	38,924,372	32,492		Cumberland	46,198,104	34,360	1,345	
20 Johnston	18,292,369	28,597		Johnston	22,904,972	29,163	785	146
21 Warwick	62,684,443	86,451		Warwick	73,982,459	87,233	848	123
22 Hopkinton	1,070,817	7,930		Hopkinton	1,472,757	8,121	181	46
23 Portsmouth	17,644,077	17,241	,	Portsmouth	17,696,634	17,129	1,033	10
24 Richmond	1,555,517	7,409		Richmond	1,677,898	7,769	216	6
25 West Greenwich	166,017	5,366		West Greenwich	165,631	5,677	29	(2)
26 Foster	200,000	4,352		Foster	0	4,505	0	(46)
27 Scituate	9,945,000	10,510		Scituate	9,546,389	10,971	870	(76)
28 South Kingstown	39,815,583	28,115	•	South Kingstown	38,215,000	29,327	1,303	(113)
29 Barrington	29,413,508	16,921	,	Barrington	26,323,530	16,757	1,571	(167)
30 Glocester	6,635,000	10,106		Glocester	4,620,426	10,603	436	(221)
31 Narragansett	13,837,203	16,567		Narragansett	10,148,823	16,906	600	(235)
32 Pawtucket	78,003,332	73,368	•	Pawtucket	59,998,877		814	(250)
33 Little Compton	2,552,456	3,582		Little Compton	1,615,429	3,587	450	(262)
34 North Smithfield	9,458,906	10,755	879	North Smithfield	6,311,346	11,191	564	(316)
35 Jamestown	6,798,673	5,638	1,206	Jamestown	4,776,500	5,611	851	(355)
36 Central Falls	19,627,000	19,015	1,032	Central Falls	12,441,380	19,159	649	(383)
37 North Kingstown	56,698,923	26,599	2,132	North Kingstown	45,400,659	27,093	1,676	(456)
38 Burrillville	36,838,345	16,002	2,302	Burrillville	29,142,238	16,563	1,759	(543)
39 Exeter	13,270,000	6,149	2,158	Exeter	8,686,291	6,298	1,379_	(779)
								19,345
Totals	1,118,517,916	1,058,365	1,057	Totals	1,433,711,380	1,076,189	1,332	275
						•	llar change: 5 / 39)	496

Source: Audited financial statements of the 39 cities and towns.
 Source: U.S. Census Bureau, and the R.I. Division of Statewide Planning.
 Note: Total long-term debt is comprised of general obligation bonds, general obligation loans & notes and capital leases.

Ranking of the Cities and Towns by Debt as a Percentage of Adjusted Gross Income for 2005 Municipal Long Term Debt - Fiscal Year 2006

City or Town	Count	2005 Adjusted Gross Income	2006 Total G.O. Debt & Capital Leases		Fiscal Year 2006 Debt as a % of 2005 Adjusted Gross Income
Oily Of Town	Odan	MICOMIC	w capital reason		
1 New Shoreham	589	32,603,029	17,441,407		53.50%
2 Woonsocket	17,530	578,219,296	122,867,937		21.25%
3 Providence	72,098	2,842,427,795	448,236,000		15.77%
4 Westerly	11,136	584,302,382	51,227,929		8.77%
5 Burrillvifle	6,829	343,268,706	29,142,238		8,49%
6 Central Falls	7,032	151,429,223	12,441,380		8,22%
7 Lincoln	9,737	658,145,931	51,685,689	_	7.85%
				Average:	5.71%
8 Pawtucket	31,271	1,054,906,074	59,998,877		5.69%
9 North Providence	14,542	647,222,603	35,213,336		5,44%
10 Exeter	2,723	161,388,318	8,686,291		5.38%
11 Cranston	35,387	1,791,781,018	90,992,212		5.08%
12 Cumberland	15,119	938,912,444	46,198,104		4.92%
13 North Kingstown	13,065	1,022,520,611	45,400,659		4.44%
14 South Kingstown	12,104	944,297,514	38,215,000		4.05%
15 East Providence	21,964	927,889,367	36,842,833		3.97%
16 Newport	10,109	533,259,052	20,621,283		3.87%
17 Warren	5,015	237,998,407	9,045,195		3.80%
18 Johnston	13,389	629,789,079	22,904,972		3.64%
19 Warwick	40,398	2,038,176,898	73,982,459		3.63%
20 Coventry	15,725	817,400,563	29,540,000		3.61%
21 West Warwick	13,829	573,670,514	20,143,000		3.51%
22 Middletown	6,997	381,781,549	13,222,356		3.46%
23 Portsmouth	7,828	530,528,898	17,696,634		3.34%
24 Smithfield	8,930	542,184,939	18,039,295		3.33%
25 Barrington	7,496	815,313,876	26,323,530		3.23%
26 Charlestown	4,007	229,176,385	6,932,190		3.02%
27 Tiverton	7,214	397,547,150	11,963,693		3.01%
28 Bristol	9,395	631,161,943	17,918,724		2.84%
29 Scituate	5,814	403,355,600	9,546,389		2.37%
30 Narragansett	6,147	432,202,798	10,148,823		2.35%
31 Glocester	3,801	220,510,526	4,620,426		2.10%
32 North Smithfield	4,972	304,778,355	6,311,346		2.07%
33 Jamestown	2,755	231,880,265	4,776,500		2.06%
34 Richmond	2,366	129,332,152	1,677,898		1.30%
35 Little Compton	1,719	127,740,208	1,615,429		1.26%
36 East Greenwich	7,448	840,546,239	10,452,958		1.24%
37 Hopkinton	3,624	190,608,063	1,472,757		0.77%
38 West Greenwich	2,473	163,274,592	165,631		0,10%
39 Foster	2,259	130,995,360	0		0.00%
00 1 00001	_,	, ,			222.72%
Unknown	30,523	2,104,437,861			
Non Resident		28,988,700,182			
Error/Register	2,298	1,113,625,627			
Totals	588,445	56,419,291,393	1,433,711,380		2.54%
			Average:		5.71%
			(222.72 % / 39)		

Source: R. I. Division of Taxation.
 Source: Audited financial statements of the 39 cities and towns.
 Note: Total long-term debt is comprised of general obligation bonds, general obligation loans & notes and capital leases.

Ranking of the Citles and Towns by Debt as a Percent of Equalized Weighted Assessed Valuations Average of 2003 - 2005 Municipal Long Term Debt - Fiscal Year 2006

	Equalized Weighted Assessed Valuations	General	Total		G.O. Loans	Capital		Fiscal Year 2006 Debt as a % of Equalized Weighted Assessed Valuations
City or Town	Average of 2003 - 2005	Fund Revenue	City or Town Revenue	G.O. Bonds Payable	& Notes Payable	Leases Pavable	Total G.O. Debt & Capital Leases	Average of 2003 - 2005
City of Town	2003 - 2003	revenue	Revenue	rayaole	1 ayabic	1 dyddic	a capital reacce	2000 2000
1 Woonsocket	1,201,123,026	57,410,691	120,805,100	122,867,937	0	0	122,867,937	10.23%
2 Providence	5,256,641,740	390,667,000	696,528,000	384,027,000	44,630,000	19,579,000	448,236,000	8.53%
3 Central Falls	227,450,157	16,743,875	19,952,297	11,910,000	0	531,380	12,441,380	5.47%
4 Pawtucket	2,455,676,462	98,550,880	195,513,570	54,841,870	1,500,000	3,657,007	59,998,877	2.44%
5 Burrillville	1,207,062,885	30,116,900	46,769,270	29,142,238	0	0	29,142,238	2.41%
6 Lincoln	2,458,366,358	61,701,278	67,277,031	16,626,498	35,000,000	59,191	51,685,689	2.10%
7 North Providence	2,042,195,819	75,974,518	79,610,736	34,578,650	0	634,686	35,213,336	1.72%
8 Cranston	5,834,204,879	169,931,632	234,599,340	86,555,376	0	4,436,836	90,992,212	1.56%
							Average:	1.44%
9 Westerly	3,666,070,493	66,113,031	73,443,319	50,255,250	0	972,679	51,227,929	1.40%
10 Cumberland	3,341,545,398	53,311,552	73,131,659	44,852,470	722,610	623,024	46,198,104	1.38%
11 West Warwick	1,532,640,919	73,112,100	81,519,363	20,143,000	0	0	20,143,000	1.31%
12 North Kingstown	3,732,763,735	63,821,245	87,573,477	45,400,659	0	0	45,400,659	1.22%
13 East Providence	3,098,366,542	86,392,386	126,468,676	29,579,071	2,975,000	4,288,762	36,842,833	1.19%
14 New Shoreham	1,567,194,870	9,865,727	10,349,006	17,441,407	0	0	17,441,407	1.11%
15 Exeter	801,377,524	11,706,195	12,038,917	8,552,522	0	133,769	8,686,291	1.08%
16 Coventry	2,748,765,562	58,917,098	85,367,380	29,540,000	0	0	29,540,000	1.07%
17 Warren	888,100,907	20,721,888	21,395,498	9,045,195	0	0	9,045,195	1.02%
18 Johnston	2,374,999,876	80,500,186	85,401,206	21,596,118	0	1,308,854	22,904,972	0.96%
19 Warwick	8,001,441,795	207,656,026	268,186,562	70,347,734	0	3,634,725	73,982,459	0.92%
20 South Kingstown	4,211,958,273	64,024,992	87,630,254	38,215,000	0	0	38,215,000	0.91%
21 Bristol	2,126,603,517	35,312,854	36,786,061	7,766,005	10,152,719	0	17,918,724	0.84%
22 Barrington	3,330,135,630	51,930,728	56,499,482	26,060,521	125,000	138,009	26,323,530	0.79%
23 Smithfield	2,395,220,438	51,883,525	55,476,520	12,280,000	0	5,759,295	18,039,295	0.75%
24 Tiverton	1,617,371,379	28,269,745	37,143,818	11,535,000	0	428,693	11,963,693	0.74%
25 Middletown	2,084,200,274	39,465,560	57,264,932	9,805,373	900,000	2,516,983	13,222,356	0.63%
26 Scituate	1,565,019,927	22,803,070	28,851,009	9,356,389	190,000	0	9,546,389	0.61%
27 Portsmouth	2,901,862,029	39,927,084	51,066,871	17,696,634	. 0	0	17,696,634	0.61%
28 North Smithfield	1,236,547,662	23,834,679	30,267,288	4,539,312	0	1,772,034	6,311,346	0.51%
29 Newport	4,249,391,841	68,960,205	93,382,156	20,621,283	0	0	20,621,283	0.49%
30 Glocester	959,627,580	19,385,078	24,289,024	4,335,000	247,765	37,661	4,620,426	0.48%
31 Charlestown	1,737,976,813	20,746,616	21,513,355	3,524,630	3,000,000	407,560	6,932,190	0.40%
32 East Greenwich	2,867,336,214	38,828,827	43,956,644	10,392,977	0	59,981	10,452,958	0.36%
33 Narragansett	3,842,462,028	41,877,270	49,533,949	7,408,249	2,432,298	308,276	10,148,823	0.26%
34 Jamestown	2,018,658,245	17,693,308	19,107,313	4,776,500	0	0	4,776,500	0.24%
35 Richmond	766,277,283	18,249,731	19,374,196	1,677,898	0	0	1,677,898	0.22%
36 Hopkinton	764,220,965	21,491,912	21,882,487	1,423,970	0	48,787	1,472,757	0.19%
37 Little Compton	1,555,919,125	9,253,689	10,127,529	1,380,000	0	235,429	1,615,429	0.10%
38 West Greenwich	837,468,718	13,765,625	14,604,480	0	145,960	19,671	165,631	0.02%
39 Foster	540,907,752	10,594,485	11,388,422	0	0	0	0,	0.00% 56.31%
Totals	94,045,154,640	2,271,513,191	3,156,076,197	1,280,097,736	102,021,352	51,592,292	1,433,711,380	1.52%
							Average: (56.31% / 39)	1.44%

Sources:
1 Department of Administration, Office of Municipal Affairs
2 Audited financial statements of the 39 cities and towns.

Appendix B

Total Long-Term	Debt	31,069,917	27,836,869	30,958,099	33,159,795	9,337,052	72,258,725	200,488,130	51,641,951	26,873,057	67,220,860	10,531,410	287,557	5,525,577	1,629,906	9,387,391	35,150,871	54,572,639	1,761,123	20,252,600	33,457,196	20,142,079	56,971,865	48,168,497	48,282,957	13,889,242	231,468,497	19,513,063	639,219,000	1,867,887	11,947,326	21,619,506	47,587,264	17,921,987	10,181,615	240,766,099	387,100	73,652,346	66,855,249	169,180,203	2,463,022,507
Unfunded Claims, Judgments & Accrued Pension	Liability	0	282,383	0	19,200,107	0	29,201,079	88,615,714	0	0	24,668,621	0	0	0	0	(1,129,466)	4,277,000	125,000	0	365,830	6,890,393	0	10,331,701	0	2,767,818	75,000	60,967,333	0	141,479,000	0	2,003,236	186,887	1,910,420	136,961	349,857	378,705	0	17,315,472	2,112,378	0	412,511,429
_	Compensation	530,264	1,836,031	1,311,822	1,518,308	649,236	4,117,646	9,246,247	2,259,555	683,298	3,359,749	845,119	287,557	905,151	157,149	885, 191	7,951,423	2,316,439	145,694	2,444,775	3,894,258	166,013	7,317,629	2,145,697	10,301,803	674,160	7,799,875	1,816,429	30,546,000	189,989	397,701	3,143,323	3,731,937	1,039,697	786,563	17,710,348	221,469	4,116,851	1,359,235	9,453,086	148,262,717
	Debt	0	8,112	450,000	0	1,750,000	0	0	0	0	0	1,000,000	0	0	0	0	0	0	0	0	0	901,674	0	0	0	0	0	0	0	0	o	0	0	4,171,636		0	0	0	0	0	8,281,422
Enterprise Fund	Obligations	4,216,123	7,791,619	54,039	0	5,626	9,400,000	11,633,957	3,184,292	15,736,801	2,349,657	0	0	0	0	4,855,166	17,476	445,511	0	4,219,639	12,523,722	1,632,985	18,701,252	622,141	0	6,828,736	102,702,412	0	18,958,000	0	0	250,001	3,729,907	610,000	0	148,694,587	0	32,077,023	12,155,707	36,859,180	460,255,559
Total G.O. Debt	& Capital Leases	26,323,530	17,918,724	29,142,238	12,441,380	6,932,190	29,540,000	90,992,212	46,198,104	10,452,958	36,842,833	8,686,291	0	4,620,426	1,472,757	4,776,500	22,904,972	51,685,689	1,615,429	13,222,356	10,148,823	17,441,407	20,621,283	45,400,659	35,213,336	6,311,346	59,998,877	17,696,634	448,236,000	1,677,898	9,546,389	18,039,295	38,215,000	11,963,693	9,045,195	73,982,459	165,631	20,143,000	51,227,929	122,867,937	1,433,711,380
	Payable 8	138,009	0	0	531,380	407,560	0	4,436,836	623,024	59,981	4,288,762	133,769	0	37,661	48,787	o	1,308,854	59,191	235,429	2,516,983	308,276	0	0	0	634,686	1,772,034	3,657,007	0	19,579,000	0	0	5,759,295	0	428,693	0	3,634,725	19,671	0	972,679	o	51,592,292
G.O. Loans & Notes	Payable .	125,000	10,152,719	0	0	3,000,000	0	0	722,610	0	2,975,000	0	0	247,765	0	o	0	35,000,000	0	900,000	2,432,298	0	0	0	0	0	1,500,000	0	44,630,000	0	190,000	0	0	0	0	0	145,960	0	0	o	102,021,352
G.O. Bonds	Payable	26,060,521	7,766,005	29,142,238	11,910,000	3,524,630	29,540,000	86,555,376	44,852,470	10,392,977	29,579,071	8,552,522	0	4,335,000	1,423,970	4,776,500	21,596,118	16,626,498	1,380,000	9,805,373	7,408,249	17,441,407	20,621,283	45,400,659	34,578,650	4,539,312	54,841,870	17,696,634	384,027,000	1,677,898	9,356,389	12,280,000	38,215,000	11,535,000	9,045,195	70,347,734	0	20,143,000	50,255,250	122,867,937	1,280,097,736
Total City or Town	Revanue	56,499,482	36,786,061	46,769,270	19,952,297	21,513,355	85,367,380	234,599,340	73,131,659	43,956,644	126,468,676	12,038,917	11,388,422	24,289,024	21,882,487	19,107,313	85,401,206	67,277,031	10,127,529	57,264,932	49,533,949	10,349,006	93,382,156	87,573,477	79 610,736	30 267,288	195 513,570	51,066,871	696,528,000	19.374,196	28,851,009	55,476,520	87,630,254	37,143,818	21,395,498	268,186,562	14,604,480	81,519,363	73,443,319	120,805,100	3,156,076,197
General Fund	Revenue	51,930,728	35,312,854	30,116,900	16,743,875	20,746,616	58,917,098	169,931,632	53,311,552	38,828,827	86,392,386	11,706,195	10,594,485	19,385,078	21,491,912	17,693,308	80,500,186	61,701,278	5,253,689	39,465,560	41,877,270	9,865,727	65,960,205	63,821,245	75,974,518	25,834,679	98,550,880	39,927,084	390,667,000	18,249,731	22,803,070	51,883,525	64,024,992	28,269,745	20,721,888	207,656,026	13,765,625	73,112,100	66,113,031	57,410,691	2,27*,513,191
	City or Town	1 Barrington	2 Bristol	3 Burrillville	4 Central Falls	5 Charlestown	6 Coventry	7 Cranston	8 Cumberland	9 East Greenwich	10 East Providence	11 Exeter	12 Foster	13 Glocester	14 Hopkinton	15 Jamestown	16 Johnston			19 Middletown	20 Narragansett	_		_	_	25 North Smithfield	26 Pawtucket							33 Tiverton	34 Warren	35 Warwick	36 West Greenwich	37 West Warwick	38 Westerly	39 Woonsocket	Totals

1 "Ceneral Fund" classified as general governmental revenue.
1 "Ceneral Fund" classified as general governmental revenue.
2 Memorandum only, does not include transfers.
3 General obligation bonds payable are secured by the full faith and credit of each city or town.
4 General obligation bonds payable are secured by the full faith and credit of each city or town.
5 Capital leases are obligations subject to annual appropriation that are considered by most analysts as debt.
5 Cabital leases are obligations.
7 Enterprise fund obligations.
8 Includes accured liability for fandfill closure, revenue bonds payable, special assessment debt and confingent liabilities.
9 Absences, vacation and deferred compensation.
10 Unfunded claims, judgments and accurate persion inability. (Does not include actuarial unfunded pension liability.)
11 Total of all classifications of debt, items 3 through 5 and items 7 through 10.

Total Long-Term Debt		29,735,402	31,671,594	37,900,184	52,835,433	3,865,466	8,729,998	160,401,177	45,293,961	15,579,553	28,293,611	14,370,983	399,668	6,923,174	1,158,861	7,938,958	24,056,137	35,537,664	2,764,160	11,115,374	35,177,646	4,411,159	40,056,214	59,581,328	36,392,998	19,748,068	137,041,009	19,843,176	532,404,000	1,681,816	11,693,879	13,293,491	43,598,574	6,514,623	4,296,404	146,917,535	244,609	32,052,542	26,176,222	52,614,019	1,742,310,670
Unfunded Claims, Judgments & Accrued Pension Liability		0	0	0	31,811,810	0	0	91,700,000	75,000	0	133,333	0	0	0	0	(231,402)	290,000	0	0	1,770,550	1,814,916	0	7,735,673	0	2,624,795	187,400	464,654	287,500	80,319,000	0	1,570,279	806,548	111,000	0	0	512,171	0	5,562,391	1,819,534	0	229,365,152
Absences, L Vacation & Deferred /		298,532	1,196,248	1,033,348	1,396,623	483,962	4,489,998	4,792,411	1,448,709	556,945	3,045,664	75,983	199,668	260,174	0	571,826	5,464,509	1,445,164	211,704	2,101,021	6,540,736	94,242	6,684,895	1,668,808	9,102,030	589,127	5,925,877	1,911,599	14,722,000	126,299	178,600	2,747,491	3,053,188	427,927	527,425	6,647,278	78,592	3,919,304	898,542	8,704,019	103,620,468
Other		0	2,568,144	0	O	1,456,184	0	0	0	0	0	1,025,000	0	28,000	0	96,000	0	0	0	0	0	0	260,351	0	0	0	0	0	0	0	0	0	0	2,632,601	215,000	0	0	0	176,626	0	8,457,906
Enterprise Fund Obligations	2	23,362	16,246,028	28,491	0	1,133	0	5,948,556	4,845,880	8,527,432	0	0	0	0	88,044	703,861	9,259	1,777,500	0	2,511,310	12,984,791	550,041	19,772,262	1,213,597	0	9,512,635	52,647,146	0	43,161,000	0	0	349,481	618,803	2,150,000	89,279	77,073,643	0	9,086,809	4,221,140	8,207,745	282,349,228
Total G.O. Debt & Capital Leases		29,413,508	11,661,174	36,838,345	19,627,000	1,924,187	4,240,000	57,960,210	38,924,372	6,495,176	25,114,614	13,270,000	200,000	6,635,000	1,070,817	6,798,673	18,292,369	32,315,000	2,552,456	4,732,493	13,837,203	3,766,876	5,603,033	56,698,923	24,666,173	9,458,906	78,003,332	17,644,077	394,202,000	1,555,517	9,945,000	9,389,971	39,815,583	1,304,095	3,464,700	62,684,443	166,017	13,484,038	19,060,380	35,702,255	1,118,517,916
Capital Leases Payable		360,000	0	52,333	417,000	264,187	0	1,976,668	0	165,176	789,614	0	0	0	121,984	0	3,012,961	0	27,456	627,493	272,933	19,898	0	937,307	48,236	1,788,317	3,541,210	241,552	44,602,000	0	235,000	0	5,583	582,688	0	4,569,333	123,475	513,455	264,805	0	65,560,664
G.O. Loans & Notes Pavable		118,508	2,198,849	0	0	0	0	5,130,000	2,348,300	0	2,460,000	0	0	0	a	0	0	٥	0	0	0	0	655,000	0	0	4,160,000	16,854,229	3,447,525	2,349,000	0	0	150,000	0	581,407	0	0	42,542	403,783	1,375,000	0	42,274,143
G.O. Bonds Pavable		28,935,000	9,462,325	36,786,012	19,210,000	1,660,000	4,240,000	50,853,542	36,576,072	6,330,000	21,865,000	13,270,000	200,000	6,635,000	948,833	6,798,673	15,279,408	32,315,000	2,525,000	4 105 000	13,564,270	3,746,978	4,948,033	55,761,616	24,617,937	3,510,589	57,607,893	13,955,000	347,251,000	1,555,517	9,710,000	9,239,971	39,810,000	140,000	3,464,700	58,115,110	0	12,566,800	17,420,575	35,702,255	1,010,683,109
Total City or Town Revenue		44,399,727	58,065,100	38,423,669	16,442,993	15,877,120	66,421,656	166,485,983	57,060,606	32,961,945	101,487,582	29,284,603	8,306,287	19,377,805	15,372,806	14,435,207	69,442,624	45,478,899	7,466,473	44,143,498	37,295,596	6,516,289	79,126,321	68,571,894	58,680,526	24,516,788	159,501,181	38,764,503	552,110,000	14,578,760	20,761,050	40,548,149	61,517,879	28,804,810	16,114,333	216,436,706	8,726,392	65,745,573	52,297,560	114,131,067	2,517,479,960
General Fund Revenue		40,984,344	26,471,463	24,251,976	14,608,552	15,552,087	41,934,182	120,520,802	40,780,589	31,081,537	67,299,215	8,136,810	7,054,363	15,306,989	15,157,149	12,946,717	64,747,236	37,807,955	6,413,438	29 744,014	33 669,532	6 227,152	56 146,876	49 382,960	55 929,454	18,621,605	83,883,455	31,335,607	301,586,000	13,920,988	16,022,565	38,238,436	45,749,992	21,372,357	15,764,397	168,508,008	8,577,887	43,878,323	46,580,853	47,479,095	1,723,674,960
City of Town	,	1 Barrington	2 Bristol	3 Burrillville	4 Central Falls	5 Charlestown		7 Cranston	8 Cumberland	9 East Greenwich	10 East Providence	11 Exeter	12 Foster	13 Glocester	14 Hopkinton	15 Jamestown	16 Johnston	17 Lincoln	18 Little Compton	_	20 Narragansett	21 New Shoreham	22 Newport	23 North Kingstown	_	25 North Smithfield	26 Pawtucket	27 Portsmouth	28 Providence				32 South Kingstown		34 Warren	35 Warwick	36 West Greenwich	37 West Warwick	38 Westerly	39 Woonsocket	Totals

1 "General Fund" classified as general governmental revenue.
1 "General Fund" classified as general governmental revenue.
2 Memorandum only, does not include transfers.
3 General obligation bonds payable are secured by the full faith and credit of each city or town.
4 General obligation bonds payable are secured by the full faith and credit of each city or town.
5 Capitalia leases are obligations subject to annual appropriation that are considered by most analysts as debt.
5 Total long-term debt consisting of general obligation bonds, notes, loans and capital leases.
7 Entenprise fund obligations.
8 Includes accrued liability for landfill closure, revenue bonds payable, special assessment debt and contingent liabilities.
9 Absences, vacation and deferred compensation.
10 Unfunded claims, judgments and accrued pension liability. (Does not include actuarial unfunded pension liability.)
11 Total of all classifications of debt, items 3 through 5 and items 7 through 10.

Rhode Island Municipal Long Term Debt Analysis Absences, Vacation & Deferred Compensation and Unfunded Claims, Judgments & Accrued Pension Liability as a Percentage of Total City or Town Long-Term Debt

2006

	Other a Tayya	Absences, Vacation & Deferred	Unfunded Claims, Judgments & Accrued Pension	Total	Total City or Town Long-Term Debt	Percentage of Total Long-Term Debt
_	City or Town	Compensation	Liability	i Otal	Long-Term Debt	Long-Territ Debt
1	Foster	287,557	0	287,557	287,557	100,00%
2	Central Falls	1,518,308	19,200,107	20,718,415	33,159,795	62.48%
3	West Greenwich	221,469	0	221,469	387,100	57.21%
4	Cranston	9,246,247	88,615,714	97,861,961	200,488,130	48.81%
5	Coventry	4,117,646	29,201,079	33,318,725	72,258,725	46.11%
6	East Providence	3,359,749	24,668,621	28,028,370	67,220,860	41.70%
7	Johnston	7,951,423	4,277,000	12,228,423	35,150,871	34.79%
8	Narragansett	3,894,258	6,890,393	10,784,651	33,457,196	32.23%
9	Newport	7,317,629	10,331,701	17,649,330	56,971,865	30.98%
10	Pawtucket	7,799,875	60,967,333	68,767,208	231,468,497	29.71%
11	West Warwick	4,116,851	17,315,472	21,432,323	73,652,346	29,10%
12	North Providence	10,301,803	2,767,818	13,069,621	48,282,957	27.07%
13	Providence	30,546,000	141,479,000	172,025,000	639,219,000	26,91%
14	Scituate	397,701	2,003,236	2,400,937	11,947,326	20.10%
15	Glocester	905,151	0	905,151	5,525,577	16,38%
16	Smithfield	3,143,323	186,887	3,330,210	21,619,506	15.40%
17	Middletown	2,444,775	365,830	2,810,605	20,252,600	13.88%
18	South Kingstown	3,731,937	1,910,420	5,642,357	47,587,264	11.86%
19	Warren	786,563	349,857	1,136,420	10,181,615	11.16%
20	Richmond	189,989	0	189,989	1,867,887	10.17%
21	Hopkinton	157,149	0	157,149	1,629,906	9.64%
22	Portsmouth	1,816,429	0	1,816,429	19,513,063	9.31%
23	Little Compton	145,694	0	145,694	1,761,123	8.27%
24	Exeter	845,119	0	845,119	10,531,410	8.02%
25	Bristol	1,836,031	282,383	2,118,414	27,836,869	7.61%
26	Warwick	17,710,348	378,705	18,089,053	240,766,099	7.51%
27	Charlestown	649,236	0	649,236	9,337,052	6.95%
28	Tiverton	1,039,697	136,961	1,176,658	17,921,987	6.57%
29	Woonsocket	9,453,086	0	9,453,086	169,180,203	5.59%
30	North Smithfield	674,160	75,000	749,160	13,889,242	5.39%
31	Westerly-	1,359,235	2,112,378	3,471,613	66,855;249	5.19%
32	Lincoln	2,316,439	125,000	2,441,439	54,572,639	4.47%
33	North Kingstown	2,145,697	0	2,145,697	48,168,497	4.45%
34	Cumberland	2,259,555	0	2,259,555	51,641,951	4.38%
35	Burrillville	1,311,822	0	1,311,822	30,958,099	4.24%
36	East Greenwich	683,298	0	683,298	26,873,057	2.54%
37	Barrington	530,264	0	530,264	31,069,917	1.71%
38	New Shoreham	166,013	0	166,013	20,142,079	0.82%
39	Jamestown	885,191	(1,129,466)	(244,275)	9,387,391	-2.60%
	Totals	148,262,717	412,511,429	560,774,146	2,463,022,507	22.77%

Source: Audited financial statements of the 39 cities and towns.

Rhode Island Municipal Long Term Debt Analysis Growth of "Absences, Vacation & Deferred Compensation" and "Unfunded Claims, Judgments & Accrued Pension Liability"

2006	Unfunded Claims, Judgments & Accrued Pension Liability	282,383 0 19,200,107 0 29,201,079 88,615,714 0 24,668,621 0 1,129,466) 4,277,000 125,000 0,680,393 1,910,420 141,479,000 0,003,236 186,887 1,910,420 186,887 1,910,420 134,857 378,705 0 17,315,472 2,112,378
2005	Unfunded Claims, Judgments & Accrued Pension Liability	74,474 17,299,856 89,167,206 89,167,206 (1,030,287) 4,485,000 448,413 5,655,965 8,630,493 0 125,903,000 1,953,510 215,291 3,129,043 136,961 3,129,043 136,961 6,332,273 2,116,311
2004	Unfunded Claims, Judgments & Accrued Pension Liability	16,926,933 0 87,918,189 0 18,530,640 0 (850,078) 4,627,188 324,331 0 0 0 12,739,781 50,000 51,861,100 1,903,550 1,903,550 3,523,770 0 1,903,550 12,983,989 2,116,789 0 12,983,989 2,116,789 0 12,983,989 2,116,789
2003	Unfunded Claims, Judgments & Accrued Pension Liability	15,566,760 100,034,150 668,154 0 16,183,353 0 4,102,300 0 77,000 3,249,242 0 6,694,303 2,471,030 48,099,732 107,808,000 1,851,192 179,727 4,175,936 0 13,824,192 2,081,386 0 327,340,604
2002	Unfunded Claims, Judgments & Accrued Pension Liability	33,578,656 0 100,250,000 668,154 0 0 1,667,000 1,814,916 0 7,873,767 0 1,720,086 94,850,000 1,720,086 7,889,338 1,720,086 1,720
2001	Unfunded Claims, Judgments & Accrued Pension Liability	31,811,810 91,700,000 75,000 133,333 133,333 290,000 0,1,770,550 1,814,916 0,7,735,673 287,500 80,319,000 1,570,279 80,319,000 1,570,279 80,319,000 1,570,279 80,319,000 1,570,279 80,319,000 1,570,279 80,319,000 1,570,279 80,319,000 1,570,279 80,319,000 1,570,279 80,319,000
2006	Absences, Vacation & Deferred Compensation	530,264 1,336,031 1,311,822 1,518,308 649,236 4,117,646 9,246,247 2,259,555 683,298 3,359,749 845,119 287,119 287,119 287,119 287,119 287,119 287,119 287,119 3,894,258 3,894,258 3,894,268 1,45,694 1,44,775 3,894,268 1,45,697 10,301,803 674,160 7,799,875 11,816,429 30,546,000 189,989 397,701 3,143,323 3,731,937 1,039,987 1,039,989 397,701 3,143,323 3,731,937 1,039,987 1,039,989 1,039,989 397,701 3,143,323 3,731,937 1,039,989 4,416,851 1,359,235 9,453,086
2005	Absences, Vacation & Deferred Compensation	523,009 1,566,770 1,398,420 1,669,540 653,512 4,041,933 629,186 3,103,655 687,929 254,512 746,737 1,323 6,21,312 2,280,404 1,184,404 1,184,404 1,184,404 1,184,101 7,259,519 1,184,404 1,184,404 1,184,101 7,259,519 1,184,60 1,382,725 9,180,84 617,349 7,506,483 1,883,510 30,137,000 136,700 136,700 137,427 3,602,922 683,270 179,485 3,743,055 3,743,055 3,74
2004	Absences, Vacation & Deferred Compensation	444,428 1,371,915 1,413,947 1,473,236 629,087 3,853,959 9,085,532 1,938,347 680,517 2,962,163 483,643 323,149 1113,306 2,182,146 832,505 1,113,306 2,182,146 4,832,505 1,113,306 2,182,146 4,832,505 1,113,306 2,182,146 4,832,505 1,1699,437 2,175,900 1,175,000 1,180,337 1,280,754 1,280,754
2003	Absences, Vacation & Deferred Compensation	395, 939 1, 330, 291 1, 510, 295 1, 565, 895 2, 765, 288 1, 686, 310 651, 898 3, 339, 190 651, 898 3, 339, 190 651, 898 3, 339, 190 651, 898 1, 742, 589 1, 742, 743, 744 1, 742, 743 1, 742, 743 1, 742, 743 1, 743, 744 1, 743, 744 1, 743, 744 1, 743, 744 1, 743, 744 1, 744, 744 1, 7
2002	Absences, Vacation & Deferred Compensation	409,228 1,248,594 1,136,368 1,631,549 3,92,325 7,147,198 1,456,200 466,047 3,247,386 339,173 112,358 5,56,559 6,044,877 1,447,294 2,494,727 3,519,386 102,023 6,044,877 1,447,394 102,023 6,044,877 1,447,394 1,447,394 1,447,394 1,983,977 1,983,977 1,983,977 1,983,977 1,08,204 5,525,167 1,983,977 1,08,204 5,525,167 1,08,204 1,08
2001	Absences, Vacation & Deferred Compensation	298,532 1,196,248 1,396,623 483,962 4,792,411 1,448,709 556,945 3,045,664 75,983 1,966,174 21,1704 2,101,021 6,540,736 94,242 6,584,895 1,668,898 1,668,898 1,668,898 1,668,898 1,668,498 1,722,000 1,722,000 1,722,000 1,724,491 3,925,877 1,911,599 1,724,749 1,927,278 6,684,895 1,668,898 1,668,898 1,722,000 1,724,749 1,911,599 1,724,749 1,911,599 1,724,749 1,911,599 1,724,749 1,911,599 1,724,749 1,911,599 1,724,749 1,911,599 1,724,749 1,911,599 1,724,749 1,911,599 1,724,749 1,911,599 1,724,749 1,911,599 1,724,749 1,911,599 1,724,749 1,911,599 1,724,749 1,911,599 1,724,749 1,911,599 1,724,749 1,911,599 1,724,749 1,911,599 1,724,749 1,911,599 1,724,749 1,911,699 1,724,727 1,911,699 1,724,737 1,911,699 1,724,737 1,911,699 1,724,737 1,911,699 1,724,737 1,911,699 1,724,737 1,911,699 1,724,737 1,911,699 1,724,737 1,911,699 1,724,737 1,911,699 1,724,737 1,911,699 1,724,737 1,911,699 1,724,737 1,911,699 1,724,737 1,911,699 1,724,737 1,911,699 1,724,737 1,911,699 1,724,737 1,911,699 1,724,737 1,911,699 1,724,737 1,911,699 1,724,737 1,911,699
	City or Town	1 Barrington 2 Bistol 3 Burrillville 4 Central Falls 5 Charlestown 6 Coventry 7 Cranston 8 Cumberland 9 East Greenwich 10 East Providence 11 Exeter 12 Gocester 14 Hopkinton 15 Jamestown 17 Lincon 18 Little Compton 19 Middletown 20 Narragansett 21 New Shoreham 22 North Kingstown 23 North Kingstown 24 North Kingstown 25 North Kingstown 26 Pawtucket 27 Portsmouth 28 Providence 29 Richmond 30 Scituate 31 Swith Kingstown 31 Tiverton 32 Warnick 33 Warnick 34 Warnen 35 Warnick 36 Westerly 37 West Warwick 38 Westerly 39 Woonsocket Totals

Rhode Island Municipal Long Term Debt Analysis Growth of "Other Debt" and "Enterprise Debt"

	2001	2002	2003	2004	2005	2006	2001	2002	2003	2004	2005	2006
City or Town	Other Debt	Other Debt	Other Debt	Other Debt	Other Debt	Other Debt	Enterprise Fund Obligations	Enterprise Fund Obligations	Enterprise Fund Obligations	Enterprise Fund Obligations	Enterprise Fund Obligations	Enterprise Fund Obligations
1 Barrington	0	0	0	0	0	0	23,362	25,061	24,267	24,267	4,416,267	4,216,123
2 Bristol	2,568,144	2,367,652	2,246,153	862,994	62,922	8,112	16,246,028	14,658,004	13,045,001	11,259,487	9,642,122	7,791,619
3 Burrillville 4 Central Falls	0 0	9/0/000	540,000	510,000	480,000	450,000	28,491	26,754	28,509	30,670	64,424	54,039
5 Charlestown	1 456 184	1 400 000	1 620 000	1 551 140	1 503 427	1 750 000	1133	4 692	4 057	600 8	8.469	5.626
6 Coventry	0	0	0	0	0	0	-	0	On't	0	9.400.000	9.400,000
7 Cranston	0	0	0	0	0	0	5,948,556	4,466,657	3,084,510	4,546,346	7,743,343	11,633,957
8 Cumberland	0	0	0	0	0	0	4,845,880	4,637,216	4,356,173	4,016,524	3,603,537	3,184,292
9 East Greenwich	0	0	0	0	0	0	8,527,432	10,080,064	8,947,345	9,327,361	12,636,899	15,736,801
10 East Providence	0	0	0	0	0	0	0	0	2,282,639	2,137,664	2,719,968	2,349,657
11 Exeter	1,025,000	1,100,000	1,075,000	1,050,000	1,025,000	1,000,000	0	0	0	0	0	O
	0	0	0	0	o	0	0	0	0	0	0	a
_	28,000	0 1	0	0	0	0	0	0	0	0	0	0
_	0	0	0	0	<u>۰</u>	0	88,044	86,025	83,775	0	0	0
•	96,000	88,000	000'08	0	0	0	703,861	931,007	1,761,235	1,902,076	3,912,668	4,855,166
16 Johnston	o (5 (0 (0 (0	0 (9,259	10,904	11,966	14,407	18,838	17,476
	ɔ '	o (0 (0 (0	0	1,777,500	1,612,500	131,397	434,159	437,344	445,511
	o (o (0 (0 (۰ ۰	o •	0	0	0 !	0	0 !	0
19 Wildaletown	o •	3 (o (D (ο ,	o •	2,511,310	2,536,152	1,187,355	1,514,400	3,730,027	4,219,639
Zo Narragansett	o (0 (0 (0 00	0 !	0 ;	12,984,791	12,121,582	11,228,035	10,417,427	11,657,260	12,523,722
Z1 New Shorenam	0 1000	0 ::	0 !	2,071,003	974,937	901,674	550,041	1,010,528	968,928	937,377	1,876,521	1,632,985
22 Newport	260,351	444,053	283,077	0	0 (0 (19,772,262	22,065,703	24,782,651	21,731,729	20,266,484	18,701,252
	-	0 0	-	.)	5 (/86,812,1	1,125,558	1,005,435	882,341	002,767	622,141
	o c	0 0	o c	o c		> c	0 640 640	0 054 600	2 20 40 0	7 004 054	7 475 904	0 000 2
	> C	0 0	0 0	0 0	o c	o c	9,512,635	9,051,600	6,520,155	44,834,934	400,030,400	0,828,730
	• •	0 0	9 0	0 0	o c) C	041,140,20	-00,000,000	30,7 44 ,05	0 1,003,028	102,032,432	104,104,414
			· C			· c	43 161 000	31 249 000	28 209 000	000 620 62	25 259 000	18 958 000
	0	0	0	0	0	0	0	0	0	0	0	0
30 Scituate	0	0	0	0	0	0	0	0	0	0	0	0
31 Smithfield	0	0	0	0	0	0	349,481	345,541	563,252	452,197	330,891	250,001
32 South Kingstown	0	0	0	0	0	0	618,803	575,892	677,609	3,075,433	2,927,597	3,729,907
33 Tiverton	2,632,601	2,860,617	3,116,503	3,406,778	3,746,643	4,171,636	2,150,000	1,840,000	1,530,000	1,220,000	915,000	610,000
34 Warren	215,000	155,000	206,085	279,929	366,613		89,279	101,454	67,637	33,818	0	0
-	0	0	0	0	0	0	77,073,643	87,183,962	119,974,325	134,973,091	135,233,954	148,694,587
	0	0	0	0	0	0	0	0	0	0	0	0
-	0	o	0	0	0	0	608'980'6	7,312,559	7,487,192	28,315,533	31,290,923	32,077,023
	176,626	163,126	0	0	0	0	4,221,140	5,725,821	9,198,921	13,823,101	11,865,900	12,155,707
39 Woonsocket	0	O	0	O	0	0	8,207,745	29,069,176	29,011,075	32,138,244	34,683,363	36,859,180
Totals	8.457.906	9.148.448	9.166.818	9 731 844	8 159 542	8.281.422	282 349 228	304.704.326	336,717,156	391,328,643	445.656.375	460.255.559
Percentage Change	<u> </u>	8.16%	0.20%	6.16%	-16,16%	1.49%	-	7.92%	10.51%	16.22%		3.28%
Note: Increase in "Other Debt" may be related to change in accounting	ner Debt" may be ı	elated to change	e in accounting	convention.								



ADJUSTED EQUALIZED WEIGHTED ASSESSED VALUATION

Goal of Adjusted Equalized Weighted Assessed Valuation

The purpose of performing this procedure is to determine, as of the third preceding calendar year, the true market value of all taxable property for each of the state's thirty-nine cities and towns.

Methodology

Each city and town, on a yearly basis, certifies to the Department of Revenue, Division of Property Valuation (Municipal Affairs) their assessed values of all taxable property in the city or town.

As of August 1st of each year, the Department of Revenue, Division of Property Valuation (Municipal Affairs), must submit to the Commissioner of Education, the equalized weighted assessed valuation as of the third preceding calendar year. For example, on August 1, 2008, we must submit the full market value calculations as of December 31, 2005.

Step 1

Each city and town submits to the Department of Revenue, Division of Property Valuation (Municipal Affairs), their Assessor's Statement of Assessed Values and Tax Levy, certified by the local tax assessor.

Step 2

The Certification is reviewed and an analysis of the total assessed value is undertaken. The total assessed value of the city or town is broken down by type and/or class of property.

From this analysis, a classification of the tax rolls is produced, which breaks down the total assessed value by class, parcel count within the class and the percent of the total tax roll that the class represents.

Step 3

For the study, we consolidate all residential real estate types and/or classes of property, and all commercial/industrial real estate types and/or classes of property into two distinct groupings. To these, combined real estate assessed values are added the assessed value of properties which are not adjusted by reason of the study, i.e., motor vehicles, tangible personal property, etc.

Step 4

For those two general types of combined real estate-Residential and Commercial/Industrial, we examine all sales for a two-year period.

Only for those sales of commercial/industrial real estate whose sales price seems inconsistent with the respective assessment, we physically inspect the property to ascertain the reason for the inconsistency.

To these, combined real estate assessed values are added the assessed value of properties which are not adjusted by reason of the study, i.e., motor vehicles.

The study due on August 1, 2008, will be based on our estimated full market value for each city/town as of 12/31/2005. The calculation utilizes a two-year analysis of real estate transactions and physical inspections where needed for the calendar years 2004 and 2005.

It must be understood that this calculation, by law, is adjusted by the median family income adjustment factor as determined by the latest United States decennial census.

JSS:emm

Appendix D

Standard & Poor's

PUBLICFINANCE

February 9, 1999

Analyst(s): David G. Hitchcock 212-208-1838

Hyman C. Grossman 212-208-1752

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Commentary

Benchmark General Obligation Ratios

Standard & Poor's representative ranges for key ratios of GO debt issuers provide an indication of what constitutes a high or low ratio for some key factors Standard & Poor's uses in the credit rating process.

The ratios represent benchmarks that Standard & Poor's analysts usually consider high, low, or moderate, regardless of rating category or point in the national economic cycle. These ratios differ from typical median analysis. Median analysis usually examines a pool of bond issuers by rating category. However, medians will drift over the economic cycle and do not indicate the normal range of dispersion for individual ratios. For example, highly rated credits may have widely varying debt ratios, while overall medians by rating category may show only small variations.

In contrast, the key ratios help separate the significance of ratio variations for each independent ratio.

A related criteria element is the weighting of one ratio against another in the rating process. The relative weight of individual criteria elements is discussed in detail in Standard & Poor's *Public Finance Criteria*. Standard & Poor's examines four main factors when evaluating GO credits in the following order:

- Economic factors,
- · Administrative factors,
- Financial factors, and
- Debt factors.

Variation in any of these factors can influence a bond rating. However, the heavier weighting on economic factors reflects that a wealthy and diverse economic base can afford higher debt burdens, or recover from financial problems more easily through a modest tax hike, than a poor economic base that might have more limited and less forgiving governmental options.

A note of caution. Ratios do not tell the whole story; they are only a portion of what Standard & Poor's uses in its analysis. Economic, administrative, structural, or subjective factors may outweigh any of these ratios when a rating is assigned. Numbers alone can not determine an entity's willingness to meet its financial obligations; numbers alone can not reveal a history of late budgets or the operating restraints presented by the state/local framework. Not all of the key ratios are weighted equally, nor do they represent a complete set of the ratios Standard & Poor's uses in its analysis, which incorporates information from many internal and external databases. In addition, a municipal entity's trends in any of these ratios may be more important than the historical ratios. A rating, after all, is prospective in nature.

PUBLIC FINANCE

Typical Ranges for Tax-Backed GO Ratings

The ratios below represent benchmarks that Standard & Poor's analysts usually consider high, low, or moderate, regardless of rating category or point in the national economic cycle.

Economic

Income levels as a percent of the national average. These include both per capita and median household figures. Analysts may also compare income levels against local cost of living indexes.

75% Very low 85% Low 100% Average High 120% Very High 140%

Market value per capità. These may vary greatly by state depending on assessment practices, homeowners' exemptions, cost of living, etc.

Low \$20,000 Moderate \$40,000 \$60,000 High

Taxpayer concentration. Percent of assessed value in the top 10 taxpayers.

Diverse 15% Moderately Concentrated 25% 40% Concentrated

Financial

Ending general fund balances as a percent of operating revenues. These are only guidelines. What is considered high and low depends on peak cashflow needs during the year, as well as whether the fiscal year ends in a historically cash poor or cash rich month.

Total general fund balances.

15%, plus no cash flow borrowing over the fiscal year Strong

Adequate 5%-15% 0%- 5% Low Unreserved general fund balances. Strong 8% 2%-8% Adequate Low 2%

Property tax burdens, xpressed as a percent of overlapping tax as a percent of market value.

1.0% of market value 1.5%-2.0% of market value Moderate Moderately high 2.0%-2.5% of market value 2.5% of market value Very high Debt

Debt to market value. Not including pension funding debt.

Low debt burden 3% Moderate debt burden 3%-6% 6% High debt burden

Combined general fund/debt service fund debt service to operating expenditures "Carrying Charge."* Not including pension funding debt.

Low 5% 10% Moderate carrying charge High carrying charge

*Carrying charges for special service districts may not be a relevant statistic; collecting a debt service levy may be their only operation.

Overall debt per capita.

\$1,000 Low \$1,000-\$2,500 Moderate High \$2,500 Debt to income. S&P index. 0%-3% Low

Moderate 3%-6% 6% High Appropriate debt amortization over 10 years.

25% over 5 years 50% over 10 years

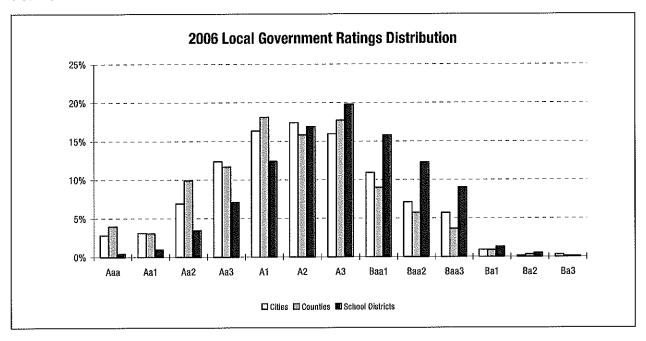
Contact	Phone
New York Gall Sussman Geordle Thompson Baye Emery Alexandra Lerma	1,212,553,0819 1,212,553,0321 1,212,553,0818 1,212,553,4556
<i>San Francisco</i> Ken Kurtz	1.415.274.1737
<u>Chicago</u> Jonathan North John Humphrey	1.312.706.9973 1.312.706.9962
<i><u>Dallas</u></i> Dwight Burns	1.214.220.4389

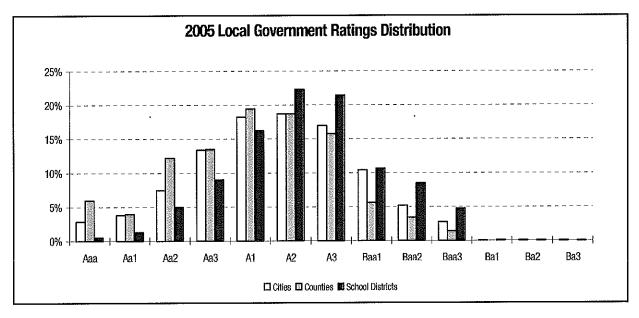
2006 Local Government National Medians

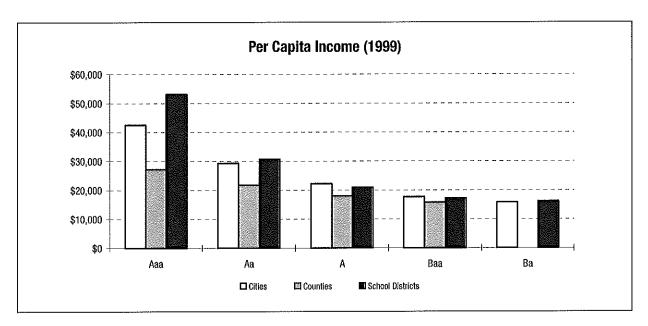
This report presents the 2006 medians for key financial, debt, economic and tax base statistics related to cities, counties and school districts rated by Moody's Regional Ratings Team. The medians shown have been derived from data collected during our analysis of municipal obligations across the 50 states. Our research has provided a statistically significant sample size of almost 9,500 entities comprised of approximately 3,580 cities, 1,000 counties, and 4,890 school districts. Moody's has provided medians for each of these three sectors on both a total population basis and broken down into distinct population ranges. The issuers carry public or non-public General Obligation (ULT) and equivalent ratings. The inclusion of non-public GOULT equivalent ratings in the 2006 data sample incorporates those entities for which only insured or other enhanced ratings are publicly available. By capturing entities with non-public underlying ratings, we have provided a more robust representation of issuers in the Baa and Ba rating categories and reduced the bias caused by self-selection in the medians. The 2006 report has also been expanded to include medians for General Fund revenues, debt service as a percent of expenditures, and top 10 taxpayers as a percent of assessed value. The data supporting this year's medians primarily utilize fiscal 2005 financial reports and the most recent available socioeconomic and tax base statistics. A Glossary of Terms and Ratios is available at the end of this report.

The selected indicators should be considered as broad guidelines only. Performance relative to the guidelines is not an absolute indicator of credit quality, and a bond rating cannot be inferred within this narrow context. Each municipal credit is unique, and the consideration of numerous credit factors, each weighed separately, leads to the determination of a Moody's rating.

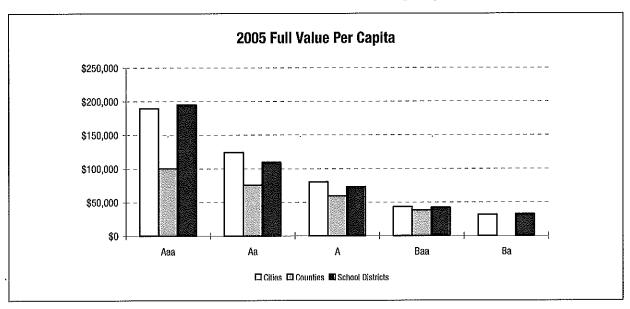
COMPARISON OF 2006 AND 2005 RATINGS DISTRIBUTION CHARTS REFLECTS THE INCLUSION OF NON-PUBLIC RATINGS TO DATA SAMPLE



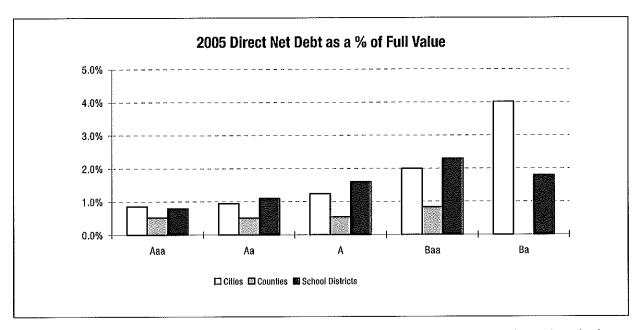




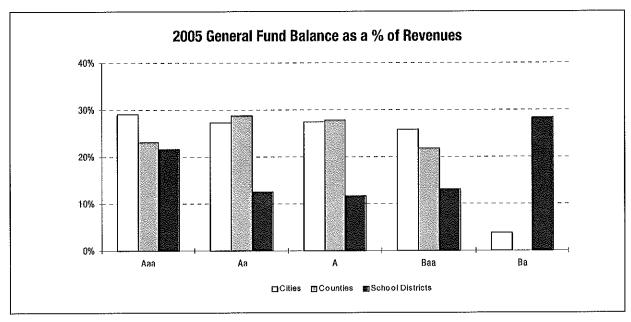
The most recent, reliable data available for all sectors is the per capita family income for 1999 as reported in the 2000 US Census. More recent data is not included in this chart, but is used during analysis as available for larger entities.



Full value per capita reflects the estimated full market value of all taxable property within a local government divided by the most recent population.



Direct net debt as a percentage of full value reflects the direct net debt of the local government less sinking fund accumulations, short-term operating debt, and self-supporting debt, divided by the estimated full market value of all taxable property within the local government.



General Fund balance as a percentage of revenues reflects total General Fund balance as reported in the local government's financial statements, divided by total General Fund revenues, including transfers in and other sources for operating purposes.

Selected Indicators	National Medians
Median Moody's GO/Issuer Rating	A2
Total General Fund Revenues (\$000)	\$14,047
General Fund Balance as % of Revenues	27,08
Unreserved, Undesignated General Fund Balance as % of Revenues	17.23
Direct Net Debt as % of Full Value	1,20
Debt Burden (Overall Net Debt as % Full Value)	2.67
Debt Service as a % of Expenditures	8.56
Total Full Value (\$000)	\$1,396,148
Population 2000 Census	13,606
Full Value Per Capita (\$)	\$81,694
Top 10 Taxpayers as a % of AV	9.09
Per Capita Income (2000 Census)	\$22,240

Selected Indicators	National Medians by Rating Group					
	Aaa	Aa	A	Baa	Ва	
Total General Fund Revenues (\$000)	\$66,249	\$34,336	\$11,859	\$3,896	\$8,780	
General Fund Balance as % of Revenues	29,04	27.30	27.40	25.90	3,79	
Unreserved, Undesignated General Fund Balance as % of Revenues	16.57	17.07	17.70	16.49	0.89	
Direct Net Debt as % of Full Value	0,86	0.95	1,24	2,00	4.01	
Debt Burden (Overall Net Debt as % Full Value)	1.94	2.28	2.67	4.12	6.25	
Debt Service as a % of Expenditures	9,38	9.02	8.34	8,62	7.27	
Total Full Value (\$000)	\$7,447,948	\$3,648,672	\$1,115,994	\$292,935	\$228,289	
Population 2000 Census	41,842	28,456	13,203	6,409	4,799	
Full Value Per Capita (\$)	\$189,673	\$124,294	\$80,211	\$43,355	\$31,592	
Top 10 Taxpayers as a % of AV	6.30	8.10	9,19	12.89	16.56	
Per Capita Income (2000 Census)	\$42,485	\$29,294	\$22,283	\$17,647	\$15,733	

Selected Indicators Total General Fund Revenues (\$000)	National Medians by Rating Group					
	Aaa ¹	Aa	\tilde{A}^2	Baa ³	Ba	
	\$520,056	\$674,949	\$1,143,958	\$2,564,318	N/A	
General Fund Balance as % of Revenues	22.27	17.90	8.90	4,42	N/A	
Unreserved, Undesignated General Fund Balance as % of Revenues	16.44	15.18	4.91	-1.04	N/A	
Direct Net Debt as % of Full Value	1.32	1.86	4.74	6.77	N/A	
Debt Burden (Overall Net Debt as % Full Value)	1.85	3.48	6.03	12.52	N/A	
Debt Service as a % of Expenditures	19.91	13.52	6.80	6.39	N/A	
Total Full Value (\$000)	\$60,691,966	\$68,120,701	\$86,887,767	\$35,015,648	N/A	
Population 2000 Census	552,101	745,771	651,154	1,234,410	N/A	
Full Value Per Capita (\$)	\$106,052	\$72,491	\$66,681	\$29,293	N/A	
Top 10 Taxpayers as a % of AV	6.02	5.03	7.79	12.98	N/A	
Per Capita Income (2000 Census)	\$24,733	\$20,504	\$22,402	\$15,613	N/A	

⁽¹⁾ Sample includes only 4 cities (2) Sample includes only 5 cities (3) Sample includes 2 cities (Detroit, MI and Philadelphia, PA)

Selected Indicators Total General Fund Revenues (\$000)	National Medians by Rating Group					
	Aaa	Aa	A	Baa	Ba	
	\$171,177	\$120,981	\$130,778	\$433,605	\$265,104	
General Fund Balance as % of Revenues	23.80	23.62	16.99	8.94	7.95	
Unreserved, Undesignated General Fund Balance as % of Revenues	15.47	18.60	13.35	7.98	3.89	
Direct Net Debt as % of Full Value	1.09	1.15	1,68	5.51	2,87	
Debt Burden (Overall Net Debt as % Full Value)	2.36	3,29	3,51	6.68	3.92	
Debt Service as a % of Expenditures	10.87	9,15	7,39	8.44	11.31	
Total Full Value (\$000)	\$19,751,911	\$12,664,872	\$8,617,095	\$5,778,584	\$10,507,497	
Population 2000 Census	183,760	158,421	151,060	174,084	304,809	
Full Value Per Capita (\$)	\$87,900	\$67,378	\$49,871	\$41,524	\$34,481	
Top 10 Taxpayers as a % of AV	7.41	7.24	7,22	7,52	21.04	
Per Capita Income (2000 Census)	\$25,198	\$21,280	\$17,4 19	\$15,757	\$16,496	

Selected Indicators	National Medians by Rating Group					
	Aaa	Aa	A	Ваа	Ba	
Total General Fund Revenues (\$000)	\$82,896	\$51,316	\$46,869	\$61,037	\$161,472	
General Fund Balance as % of Revenues	29.39	29,48	22.16	7,22	6.32	
Unreserved, Undesignated General Fund Balance as % of Revenues	22.62	25.03	19.80	4.89	N/A	
Direct Net Debt as % of Full Value	0.71	1.03	1.03	2.91	13.22	
Debt Burden (Overall Net Debt as % Full Value)	1.83	2.63	2.66	3.62	15.07	
Debt Service as a % of Expenditures	12.67	10.34	7,34	6.76	4.00	
Total Full Value (\$000)	\$10,565,412	\$5,942,150	\$3,961,685	\$3,274,238	\$1,063,817	
Population 2000 Census	65,894	65,570	63,154	67,475	79,904	
Full Value Per Capita (\$)	\$150,321	\$86,720	\$61,313	\$43,718	\$13,306	
Top 10 Taxpayers as a % of AV	6.16	8.90	8.61	6.79	NA	
Per Capita Income (2000 Census)	\$36,309	\$23,386	\$19,788	\$16,303	\$9,815	

Selected Indicators	National Medians by Rating Group					
	Aaa	Aa	A	Baa	Ва	
Total General Fund Revenues (\$000)	\$35,472	\$20,396	\$10,271	\$3,461	\$3,92	
General Fund Balance as % of Revenues	35,49	28.84	28.07	26,65	-2.4	
Unreserved, Undesignated General Fund Balance as % of Revenues	22.27	24.99	22.57	21,40	-2.53	
Direct Net Debt as % of Full Value	0.65	0.93	1,19	1.79	3.70	
Debt Burden (Overall Net Debt as % Full Value)	1.59	2.16	2.56	3.93	6.57	
Debt Service as a % of Expenditures	8.73	8.80	8.44	8.70	7.2	
Total Fuli Value (\$000)	\$5,167,174	\$2,685,682	\$1,014,185	\$273,985	\$172,21	
Population 2000 Census	21,054	20,780	11,780	5,992	4,22	
Full Value Per Capita (\$)	\$238,213	\$149,229	\$85,067	\$43,355	\$31,47	
Top 10 Taxpayers as a % of AV	6.20	8.07	9.58	13.71	16.5	
Per Capita Income (2000 Census)	\$51,751	\$32,343	\$22,643	\$17,725	\$15,73	

Selected Indicators	National Median
Median Moody's GO/Issuer Rating	A2 ¹
Total General Fund Revenues	\$35,344
General Fund Balance as % of Revenues	26.80
Unreserved, Undesignated General Fund Balance as % of Revenues	19.01
Direct Net Debt as % of Full Value	0.54
Debt Burden (Overall Net Debt as % Full Value)	2.05
Debt Service as a % of Expenditures	6.18
Total Full Value (\$000)	\$5,351,681
Population 2000 Census	64,151
Full Value Per Capita (\$)	\$64,017
Top 10 Taxpayers as a % of AV	7,50
Per Capita Income (2000 Census)	\$18,430

Selected Indicators	National Medians by Rating Group					
	Aaa	Aa	**************************************	Baa	ва	
Total General Fund Revenues	\$335,226	\$78,308	\$21,495	\$7,080	N/A	
General Fund Balance as % of Revenues	23.12	28,65	27.90	21.80	N/A	
Unreserved, Undesignated General Fund Balance as % of Revenues	15.08	18.40	20.70	17.80	N/A	
Direct Net Debt as % of Full Value	0,52	0.51	0.54	0.84	N/A	
Debt Burden (Overall Net Debt as % Full Value)	2.10	2.21	1.89	2.28	N/A	
Debt Service as a % of Expenditures	6.50	6.28	5.89	6.18	N/A	
Total Full Value (\$000)	\$61,070,919	\$14,155,646	\$3,383,180	\$1,070,782	N/A	
Population 2000 Census	617,799	163,344	51,910	23,083	N/A	
Full Value Per Capita (\$)	\$100,409	\$75,472	\$59,280	\$38,025	N/A	
Top 10 Taxpayers as a % of AV	4.10	5,40	9.30	13.30	NA	
Per Capita Income (2000 Census)	\$27,180	\$21,735	\$17,960	\$15,758	N/A	

Selected Indicators Total General Fund Revenues	National Medians by Rating Group				
	Aaa	Aa	A	Baa	Ba
	\$354,804	\$1,441,218	\$1,893,985	N/A	N/A
General Fund Balance as % of Revenues	25.36	22.16	9.08	N/A	N/A
Unreserved, Undesignated General Fund Balance as % of Revenues	23.54	16.87	3.72	N/A	N/A
Direct Net Debt as % of Full Value	0.28	0.61	1.02	E N/A	N/A
Debt Burden (Overall Net Debt as % Full Value)	2.53	2.71	3.44	N/A	N/A
Debt Service as a % of Expenditures	6.00	4,70	3,30	N/A	N/A
Total Full Value (\$000)	\$138,267,934	\$212,863,244	\$114,658,502	N/A	N/A
Population 2000 Census	1,162,670	1,967,973	1,545,387	N/A	N/A
Full Value Per Capita (\$)	\$121,086	\$88,867	\$65,650	N/A	N/A
Top 10 Taxpayers as a % of AV	3.49	3.80	2.90	N/A	N/A
Per Capita Income (2000 Census)	\$28,192	\$22,599	\$20,940	N/A	N/A

Selected Indicators Total General Fund Revenues	National Medians by Rating Group						
	Aaa	Aa	A	Baa ¹	Ba		
	\$293,694	\$165,725	\$109,525	\$897,185	N/A		
General Fund Balance as % of Revenues	23.48	20.03	14.87	1,30	N/A		
Unreserved, Undesignated General Fund Balance as % of Revenues	19.74	18.07	11.68	0.84	N/A		
Direct Net Debt as % of Full Value	0.70	0.54	0.74	1.60	- N/A		
Debt Burden (Overall Net Debt as % Full Value)	1.98	2.61	2.87	4.20	N/A		
Debt Service as a % of Expenditures	5,90	6.70	4.90	5.7	N/A		
Total Full Value (\$000)	\$60,787,949	\$32,794,563	\$18,763,291	\$33,616,765	N/A		
Population 2000 Census	607,751	396,944	371,815	735,343	N/A		
Full Value Per Capita (\$)	\$97,749	\$76,269	\$59,002	\$44,117	N/A		
Top 10 Taxpayers as a % of AV	4.5	5.4	9.7	12.8	N/A		
Per Capita Income (2000 Census)	\$27,004	\$22,742	\$19,71 5	\$22,821	N/A		

Selected Indicators	National Medians by Rating Group					
	Aaa	Aa	A	Baa	Ba	
Total General Fund Revenues	\$498,137	\$56,386	\$43,945	\$107,791	N/A	
General Fund Balance as % of Revenues	19.47	31.34	20.24	20,63	N/A	
Unreserved, Undesignated General Fund Balance as % of Revenues	14.18	25.00	17.15	17.92	N/A	
Direct Net Debt as % of Full Value	1.56	0.50	0.50	1.07	N/A	
Debt Burden (Overall Net Debt as % Full Value)	2.31	2.02	2.15	2.12	N/A	
Debt Service as a % of Expenditures	8,30	6,40	4.80	4,70	N/A	
Total Full Value (\$000)	\$23,938,745	\$12,169,299	\$8,260,359	\$6,480,300	N/A	
Population 2000 Census	190,577	151,279	136,871	148,644	N/A	
Full Value Per Capita (\$)	\$146,446	\$70,043	\$56,835	\$36,318	N/A	
Top 10 Taxpayers as a % of AV	11,6	5.8	9.7	12,8	N/A	
Per Capita Income (2000 Census)	\$28,670	\$21,245	\$18,753	\$17,636	N/A	

Selected Indicators	National Medians by Rating Group						
	Aaa ¹	Aa	A	Baa	В		
Total General Fund Revenues	\$173,720	\$33,297	\$16,452	\$6,725	N//		
General Fund Balance as % of Revenues	12,23	37.06	31.79	22.19	N//		
Unreserved, Undesignated General Fund Balance as % of Revenues	12.18	31.29	26.27	16.40	N/A		
Direct Net Debt as % of Full Value	1,10	0.48	0.69	0.92	N//		
Debt Burden (Overall Net Debt as % Full Value)	1.11	1.54	1.64	1.99	N/A		
Debt Service as a % of Expenditures	4,4	6.0	6,4	6.6	N//		
Total Full Value (\$000)	\$9,900,821	\$6,445,982	\$2,704,635	\$1,013,190	N/A		
Population 2000 Census	79,236	74,021	41,101	20,551	N//		
Full Value Per Capita (\$)	111,588	88,947	59,872	41,888	N/A		
Top 10 Taxpayers as a % of AV	5.8	5.0	9,7	14.4	N//		
Per Capita Income (2000 Census)	\$28,852	\$21,260	\$28,852	\$15,704	N/A		

Selected Indicators	National Medians
Median Moody's GO/Issuer Rating	A3 ¹
General Fund Revenues (\$000's)	\$26,376
General Fund Balance as % of Revenues	12:20
Unreserved, Undesignated General Fund Balance as % of Revenues	6.00
Direct Net Debt as % of Full Value	1.60
Debt Burden (Overall Net Debt as % Full Value)	3.00
Debt Service as a % of Operating Expenditures	7.90
Total Full Value (\$000)	\$1,291,951
Population 2000 Census	14,724
Full Value Per Capita (\$)	\$68,273
Top 10 Taxpayers as a % of A.V	9,10
Per Capita Income (2000 Census)	\$19,533

Selected Indicators	National Medians by Rating Group						
	Aaa	Aa	A	Baa	Ba		
General Fund Revenues (\$000's)	\$76,418	\$69,887	\$29,243	\$11,445	\$3,593		
General Fund Balance as % of Revenues	21.60	12,50	11.70	13,10	28.40		
Unreserved, Undesignated General Fund Balance as % of Revenues	10.60	5.30	5.80	6.90	17.70		
Direct Net Debt as % of Full Value	0.80	1.10	1.60	2.30	1.80		
Debt Burden (Overall Net Debt as % Full Value)	1.80	2.40	2.90	3.70	2.70		
Debt Service as a % of Operating Expenditures	6.60	8,20	7,70	8.00	6.60		
Total Full Value (\$000)	\$6,978,830	\$5,953,993	\$1,588,546	\$367,702	\$80,784		
Population 2000 Census	33,396	44,463	20,270	7,173	4,857		
Full Value Per Capita (\$)	\$195,369	\$109,237	\$72,968	\$42,106	\$32,474		
Top 10 Taxpayers as a % of AV	5.90	6,70	8.40	12.70	26.50		
Per Capita Income (2000 Census)	\$53,102	\$30,650	\$21,013	\$17,120	\$16,174		

Selected Indicators	National Medians by Rating Group						
	Aaa	Aa	A	Baa	Ba		
General Fund Revenues (\$000's)	\$577,882	\$331,355	\$295,047	\$425,293	\$1,517,750		
General Fund Balance as % of Revenues	11.80	9.60	8.30	0,10	3.0		
Unreserved, Undesignated General Fund Balance as % of Revenues	10.20	7.60	4.70	-2.70	1.20		
Direct Net Debt as % of Full Value	1.30	1,30	1.00	1.50	5,30		
Debt Burden (Overall Net Debt as % Full Value)	1.30	2.60	3.10	3.50	15.40		
Debt Service as a % of Operating Expenditures	4.70	7.60	6.10	5.80	7.0		
Total Full Value (\$000)	\$57,788,200	\$24,558,409	\$21,087,699	\$22,676,605	\$46,079,00		
Population 2000 Census	577,882	303,466	325 , 719	373,881	1,517,55		
Full Value Per Capita (\$)	\$83,697	\$72,987	\$67,840	\$72,010	\$30,364		
Top 10 Taxpayers as a % of AV	2,40	5,80	5,90	12,10	3.90		
Per Capita Income (2000 Census)	\$25,131	\$21,790	\$18,514	\$16,213	\$16,509		

Selected Indicators	National Medians by Rating Group					
	Aaa	Aa	A	Baa	Ba	
General Fund Revenues (\$000's)	N/A	\$165,640	\$149,757	\$122,774	\$243,780	
General Fund Balance as % of Revenues	N/A	13,00	10,40	1.20	-12.80	
Unreserved, Undesignated General Fund Balance as % of Revenues	N/A	10,00	7.30	1.10	-13.20	
Direct Net Debt as % of Full Value	N/A	1,50	0.90	1,00	NA	
Debt Burden (Overall Net Debt as % Full Value)	N/A	2.70	.2.5	6.10	NA	
Debt Service as a % of Operating Expenditures	N/A	10,00	5.90	6.80	6.60	
Total Full Value (\$000)	N/A	\$12,920,182	\$8,327,774	\$720,747	\$6,890,588	
Population 2000 Census	N/A	133,789	124,303	126,337	189,360	
Full Value Per Capita (\$)	N/A	\$84,249	\$59,989	NA	NA	
Top 10 Taxpayers as a % of AV	N/A	6.50	7,40	10.20	2.70	
Per Capita Income (2000 Census)	N/A	\$25,790	\$19,044	\$16,820	\$20,680	

Municipal Financial Ratio Analysis - U.S. School Districts (50,000 < Population < 100,000)						
Selected Indicators	National Medians by Rating Group					
	Aaa	Aa	**************************************	Baa	Ba	
General Fund Revenues (\$000's)	\$72,479	\$92,604	\$81,693	\$76,089	\$54,813	
General Fund Balance as % of Revenues	28.30	12,80	10,70	10,10	10.70	
Unreserved, Undesignated General Fund Balance as % of Revenues	28.30	4.50	7.50	6.00	9.70	
Direct Net Debt as % of Full Value	0.90	1.20	1.30	2.20	2,50	
Debt Burden (Overall Net Debt as % Full Value)	2.80	2.50	2.60	4.00	3.50	
Debt Service as a % of Operating Expenditures	7.30	8.90	6.00	6.00	4,70	
Total Full Value (\$000)	\$12,220,396	\$6,930,565	\$4,393,310	\$2,481,344	\$1,906,723	
Population 2000 Census	62,587	68,375	67,049	62,373	67,229	
Full Value Per Capita (\$)	\$195,369	\$99,704	\$62,306	\$33,333	\$58,861	
Top 10 Taxpayers as a % of AV	4,30	6,80	8.70	11,50	44.40	
Per Capita Income (2000 Census)	\$53,102	\$28,083	\$19,668	\$16,392	\$16,718	

	S. School Districts (10,000 < Population < 50,000)						
Selected Indicators	National Medians by Rating Group						
	Aaa	Aa	A	Baa	Ва		
General Fund Revenues (\$000's)	\$73,052	\$38,759	\$29,290	\$22,326	\$19,815		
General Fund Balance as % of Revenues	21.20	12.70	11.50	10.10	7.70		
Unreserved, Undesignated General Fund Balance as % of Revenues	15.90	7.20	8.00	7.90	-4.20		
Direct Net Debt as % of Full Value	0.90	0.90	1.70	2.60	N/A		
Debt Burden (Overall Net Debt as % Full Value)	1.30	2.20	2.90	3.90	N/A		
Debt Service as a % of Operating Expenditures	6.90	7.60	8,00	7.60	7,20		
Total Full Value (\$000)	\$5,878,426	\$3,566,656	\$1,541,397	\$725,866	\$733,299		
Population 2000 Census	28,283	23,721	21,174	16,001	15,455		
Full Value Per Capita (\$)	\$196,403	\$155,697	\$73,428	\$39,345	N/A		
Top 10 Taxpayers as a % of AV	7.00	7.30	9.00	12,30	8.60		
Per Capita Income (2000 Census)	\$57,341	\$36,847	\$21,362	\$17,120	\$16,630		

Municipal Financial Ratio Analysis - U.S. S	chool Disti	ricts (Populati	on < 10,000)				
Selected Indicators	National Medians by Rating Group						
	Aaa	Aa	A	Baa	Ва		
General Fund Revenues (\$000's)	N/A	\$14,158	\$10,399	\$7,533	\$2,605		
General Fund Balance as % of Revenues	N/A	15.00	⊴ 15.30	15,00	33.10		
Unreserved, Undesignated General Fund Balance as % of Revenues	N/A	7.80	10.40	9.90	32.00		
Direct Net Debt as % of Full Value	N/A	0.70	1.40	2.40	1.70		
Debt Burden (Overall Net Debt as % Full Value)	N/A	1.80	2.60	3.60	2,30		
Debt Service as a % of Operating Expenditures	N/A	6.90	8.20	8.50	4,00		
Total Full Value (\$000)	N/A	\$1,649,499	\$613,398	\$244,373	\$64,989		
Population 2000 Census	N/A	7,073	6,854	4,845	2,562		
Full Value Per Capita (\$)	N/A	\$299,831	\$97,838	\$46,689	\$34,585		
Top 10 Taxpayers as a % of AV	N/A_	10.00	7,40	13.30	28,30		
Per Capita Income (2000 Census)	N/A	\$44,165	\$21,625	\$17,295	\$15,411		

MEDIANS FOR SELECTED GASB 34 INDICATORS

The following medians are based on a subsample of issuers and is based on data collected from the entities' Statement of Net Assets and Statement of Activities. Given the limited nature of this sample, we are including these medians for comparision purposes only. In future years as we continue to populate this portion of our database with data from more entities, we will be publishing medians for these indicators broken out by rating group.

Municipal Financial Ratio Analysis - U.S. Cities (All)						
Selected Indicators	National Medians					
Median Rating of Sample Group	A1					
Quick Ratio	4.53					
Total Current Ratio	5.72					
Net Cash as a % of Operating Revenues	68.77					
Net Current Assets as a % of Operating Revenues	72.94					
Net Assets, Excluding Capital Assets, as % of Operating Revenue	53.13					

Municipal Financial Ratio Analysis - U.S. Countie	es (All)
Selected Indicators	National Medians
Median Rating of Sample Group	A1
Quick Ratio	2.55
Total Current Ratio	3.91
Net Cash as a % of Operating Revenues	41.59
Net Current Assets as a % of Operating Revenues	46.61
Net Assets, Excluding Capital Assets, as % of Operating Revenue	29.26

Municipal Financial Ratio Analysis - U.S. School Districts (All)						
Selected Indicators	National Medians					
Median Rating of Sample Group	A2					
Quick Ratio	2.54					
Total Current Ratio	3.65					
Net Cash as a % of Operating Revenues	27.52					
Net Current Assets as a % of Operating Revenues	25.19					
Net Assets, Excluding Capital Assets, as % of Operating Revenue	14.10					

GLOSSARY OF TERMS AND RATIOS

TOTAL GENERAL FUND REVENUES

Total revenues including transfers in and other sources for the general fund as reported in the local governments' financial statements. In some cases, General Fund Revenues may exclude certain items such as bond proceeds which have been included in revenues or other sources in the financial statements but which have been deemed by Moody's analysts to be non-recurring in nature.

GENERAL FUND BALANCE AS % OF REVENUE

Total general fund balance as reported in the local governments financial statements divided by Total General Fund Revenues.

UNRESERVED, UNDESIGNATED GENERAL FUND BALANCE AS % OF REVENUES

Unreserved, undesignated general fund balance as reported in the local governments financial statements divided by Total General Fund Revenues. In some cases, Unreserved, Undesignated General Fund Balance reported by Moody's may include certain amounts shown as reserves or designations in the financial statements that Moody's analysts have deemed would be available to meet operating contingencies.

DIRECT NET DEBT OUTSTANDING

The local governments' gross debt less sinking fund accumulations, short-term operating debt, and bonds and other debt deemed by Moody's analysts to be fully self-supporting from enterprise revenues. Direct Net Debt typically include the non-self supporting portion of the local governments general obligation bonds, sales and special tax bonds, general fund lease obligations, bond anticipation notes, and capital leases.

DIRECT NET DEBT AS % OF FULL VALUE

Direct Net Debt Outstanding divided by the fiscal year or most recent Total Full Value for the local government.

DEBT BURDEN (OVERALL NET DEBT AS % OF FULL VALUE)

Overall Net Debt Outstanding divided by the fiscal year or most recent Total Full Value for the local government.

DEBT SERVICE AS % OF EXPENDITURES

Debt service expenditures for all Operating Funds and debt service funds combined divided by Operating Expenditures.

TOTAL FULL VALUE

Estimated full market value of all taxable property within the boundaries of the local government as reported by local or state sources. Users of these data should be aware of significant variation in the methods and quality of property assessment from state to state and even among the municipal governments within a state. Definitions of taxable property also vary across the country, as does the dependability of equalization ratios used to convert assessed value to full value.

POPULATION

Population within the boundaries of the local government as reported in the US Census.

FULL VALUE PER CAPITA

Total Full Value divided by the fiscal year or most recent population for the local government

TOTAL ASSESSED VALUE

The total value as determined by the local property appraiser within the boundaries of the local government.

TEN LARGEST TAXPAYERS AS % OF ASSESSED VALUE

Total assessed value of the ten largest property taxpayers for the local government, divided by the total assessed value of the local government, for the most recent year for which largest taxpayer data are available. In some cases, largest taxpayer data are reported using levy figures rather than assessed value figures. In those cases this statistic is the total levy for the ten largest taxpayers as a percent of the total levy for all taxpayers of the local government.

1999 PER CAPITA INCOME

Per capita family income for residents within the boundaries of the local government for 1999 as reported in the 2000 US Census.

QUICK RATIO

Cash & Investments divided by Notes & Operating Loans and Other Current Liabilities.

CURRENT RATIO

Total Current Assets divided by Notes & Operating Loans and Other Current Liabilities.

NET CASH AS % OF OPERATING REVENUES (GOVERNMENTAL ACTIVITIES)

Cash & Investments less Notes & Operating Loans, all divided by Operating Revenues (expressed as a percent).

NET CURRENT ASSETS AS % OF OPERATING REVENUES (GOVERNMENTAL ACTIVITIES)

Net Current Assets divided by Operating Revenues (expressed as a percent).

NET ASSETS, EXCLUDING CAPITAL ASSETS AS % OF OPERATING REVENUES

Net Assets, Excluding Capital Assets divided by Operating Revenues (expressed as a percent).

Related Research

Special Comments:

2005 Regional Medians (94991)

General Fund Balance-- One Size Does Not Fit All (74269)

Rating Methodology

The Determinants of Credit Quality (75047)

To access any of these reports, click on the entry above. Note that these references are current as of the date of publication of this report and that more recent reports may be available. All research may not be available to all clients.



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RATINGSDIRECT®

January 2, 2008

U.S. GO Rating Distributions And Summary Ratios: Year-End 2007

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U.S. GO Rating Distributions And Summary Ratios: Year-End 2007

Given the demand for quick and concise standard measures of credit quality, Standard & Poor's Ratings Services has compiled summary statistics for principal quantitative variables used in analyzing U.S. GO credits.

An examination of the overall rating distributions for cities, counties, and school districts show that GO credit ratings remain fairly high and similar across sectors. This report presents means and medians of selected variables by rating category for individual municipalities, counties, and school districts. The tables below show the distribution of ratings for each government type enabling a better understanding of the total population studied. Standard deviations are also presented to give readers an understanding of the variability of these statistics.

Standard & Poor's considers several factors when assigning a rating--both qualitative and quantitative. When examined and understood thoroughly, the quantitative information can shed light on individual credits relative to others, but can also lead to an understanding of the relative importance of specific measures and the assumptions underlying these factors. The availability of this information should lead to more open and accurate discussions about true credit quality among all market participants.

Chart 1

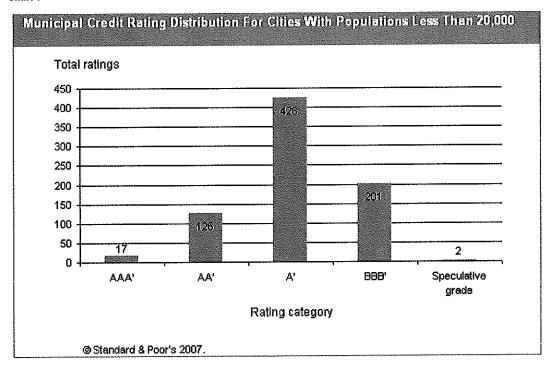


Chart 2

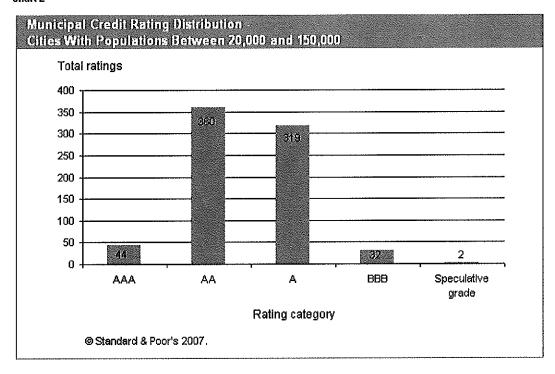


Chart 3

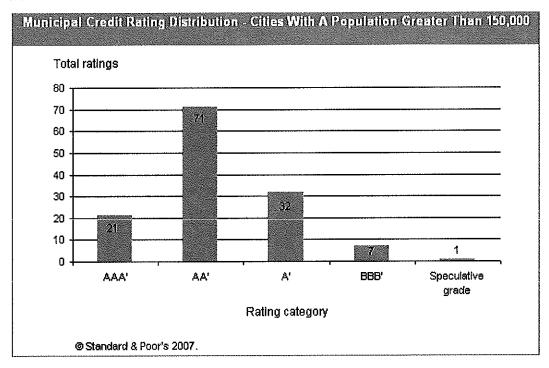
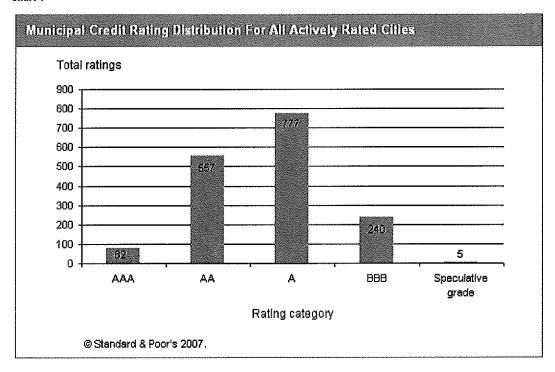


Chart 4



Nevertheless, ratios such as means and medians are purely statistical and readers should be aware that such measures should not be interpreted as the sole means of achieving a given rating level. Ratios are not rating benchmarks, precisely because they fail to measure the critical link between a credit's financial risk and environmental or sector risk--all of the challenges and opportunities that affect the credit, either positively or negatively. Means and medians reflect recent historical information, while credit ratings are forward looking. Because ratings are designed to be long term in nature and valid through business cycles, at certain points in the business cycle, a particular credit may not appear to be in line with its assigned debt rating. Particular caution should be used when making interstate comparisons, because of differences in permitted taxing ability, debt issuance, required service provisions, state support, and even accounting conventions.

Rating Distributions

A quick examination of the overall rating distributions for cities, counties, and school districts reveals that GO credit ratings remain fairly high and similar across sectors. Less than 0.3% of credits in each sector are speculative grade, which is not surprising given tax-backed ratings' low volatility and default risk (see "U.S. Municipal Rating Transitions And Defaults, 1986-2007," published May 3, 2007, on RatingsDirect). For all three sectors, 'A' category ratings represent the largest subset, followed by 'AA' category ratings and 'BBB' category ratings. 'AAA' ratings remain fairly rare, but are much more prevalent than speculative-grade ratings. While ratings are clustered around the 'A' category, the distributions are admittedly affected by a self-selection bias. Given that most GO credits are at least investment grade because of the inherent stability and taxing authority that most GO issuers have, a credit that would likely only warrant a rating of 'BBB' or lower may choose not to request a rating unless it believes that the market would assume a lower credit quality than a rating might indicate.

Chart 5

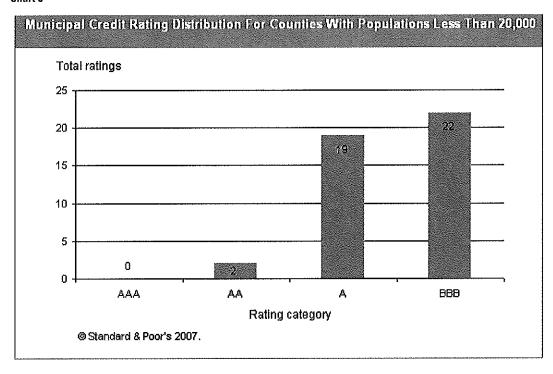


Chart 6

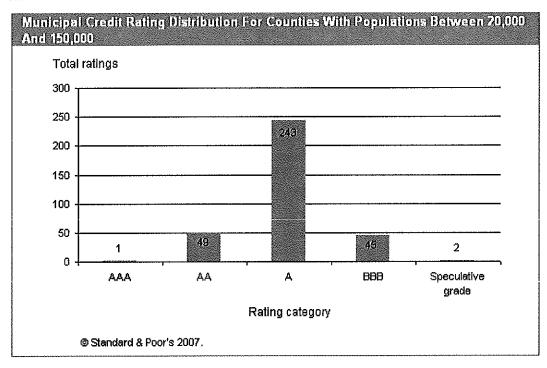


Chart 7

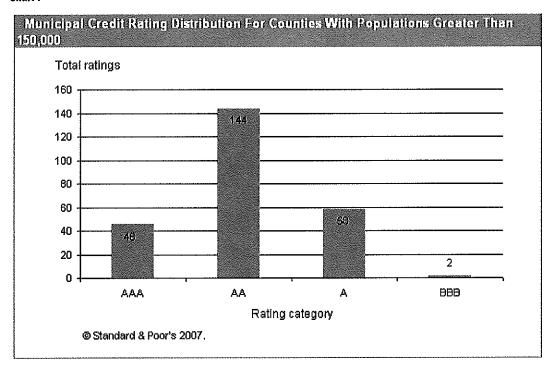
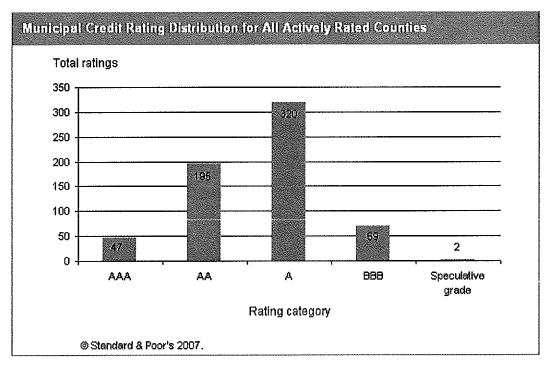


Chart 8



When ratings distributions are broken down by population size within each government type, differences begin to

emerge. For credits with populations less than 20,000, cities and school districts have an average rating in the 'A' category, but the majority of county ratings fall in the 'BBB' category, with only 4.7% in the 'AA' category and none in the 'AAA' category. This is because these counties tend to be remote and economically very limited in nature.

For credits with populations between 20,000 and 150,000, cities are the most different with 'AA' category ratings accounting for 47.6%, 'A' category ratings accounting for 42.1%, and 'AAA' and 'BBB' category ratings accounting for almost all of the remainder. Rating distributions for school districts and counties remain similar to the overall rating distributions, except that the 'A' category is slightly more dominant, accounting for 71.5% of county ratings and 69.4% of school district ratings.

Improving credit quality has affected the distribution for credits with populations exceeding 150,000. Whereas previously 'A' category credits represented the largest share of school districts--differentiating them from counties and cities where 'AA' category ratings accounted for the largest share, this 'AA' category dominance is now the case across all sectors. While the number of 'AAA' ratings equaled or outnumbered 'BBB' category ratings for governments with large populations in each sector last year, school district downgrades in 2007 resulted in a reversal for this sector. Overall, these distributions are more skewed to the higher rating categories, reflecting larger economic bases that are frequently, but not always, more diverse in nature.

Chart 9

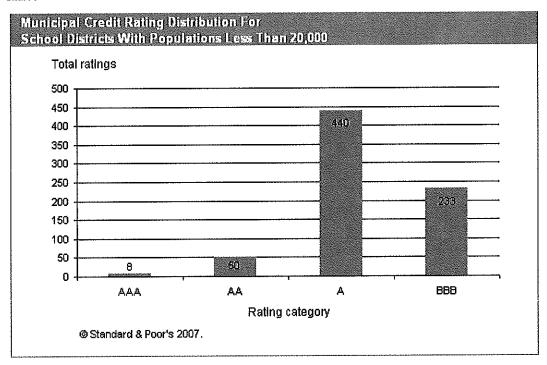


Chart 10

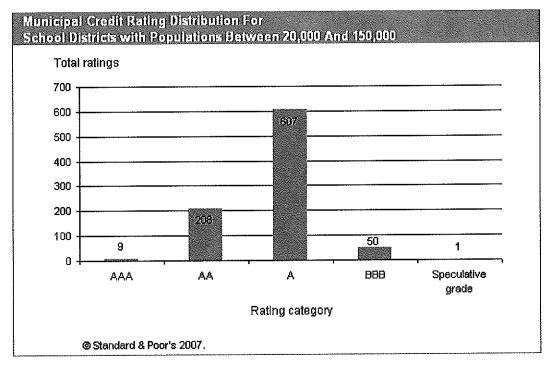


Chart 11

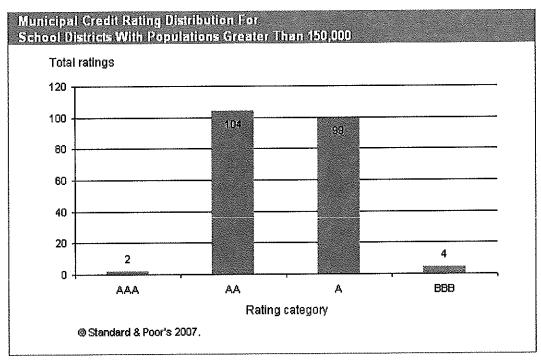
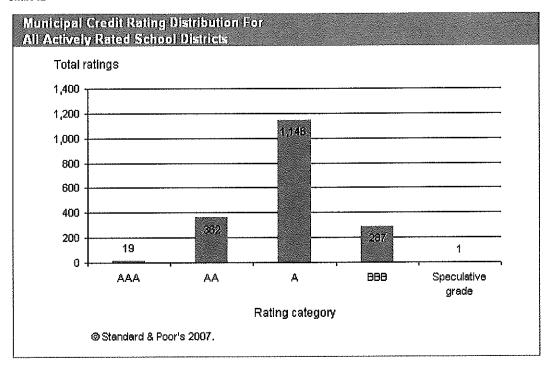


Chart 12



Summary Ratios

The ratios presented reflect three of the four main factors Standard & Poor's evaluates when rating GO credits, namely economic, financial, and debt factors. While the fourth factor, administration and management, is measurable, such measures are generally more qualitative in nature.

The presented ratios include:

- Median household effective buying income: median household money income, minus personal tax and nontax payments (series maintained by Claritas Inc. and expressed as a percent of the U.S. level);
- Per capita effective buying income: per capita money income, minus personal tax and nontax payments (series maintained by Claritas Inc. and expressed as a percent of the U.S. level);
- Total market value per capita: true or market value of all taxable property divided by population;
- Taxpayer concentration (top 10%): percent of assessed or equalized valuation represented by the 10 leading taxpayers;
- Liquidity ratio: general fund cash and current investments divided by general fund current liabilities (excluding deferred revenues);
- Total fund equity as a percent of expenditures and transfers (total fund equity percent expenditures and net
 expenditure transfers): total general fund balance divided by the sum of general fund expenditures and any excess
 of transfers out minus transfers in;
- Unreserved fund equity as a percent of expenditures and transfers (unreserved fund equity percent expenditures and net expenditure transfers): unreserved general fund balance divided by the sum of general fund expenditures

and any excess of transfers out minus transfers in;

- · Carrying charge: total governmental funds debt service divided by total governmental funds expenditures;
- Net direct debt per capita: tax-supported debt (net of self-supporting and revenue anticipation debt) divided by population;
- Net direct debt to market value: tax-supported debt (net of self-supporting and revenue anticipation debt) divided by market value; and
- Overall net debt: per capita and to market value: see above, but incorporating tax-supported overlapping debt.

Statistics for some subsets are not presented due to sample size issues. These subsets include:

- Speculative-grade issuers;
- 'AAA' rated school districts and counties segmented by population size;
- 'BBB' category cities, counties, and school districts with populations greater than 150,000; and
- 'AA' category counties with populations less than 20,000.

Ratings And Ratio Relationships

The data show that economic variables have the closest correlation with rating categories. This is logical because Standard & Poor's believes that the economic base provides the foundation for credit quality in tax-backed ratings.

There is less correlation evident between the financial and debt ratios and rating categories when looking at data by government type. When the individual government types are segmented by population size, trends emerge. Liquidity and financial ratios generally correlate with rating categories for midsize and large-size governments. Thus, the lack of correlation between financial ratios and ratings for smaller governments masks the relationship. This is not surprising because credits with small budgets often have fund balances that equal a large share of revenues, but are still relatively small on a nominal basis. Because it is more likely that the entire fund balance could be wiped out by some single unforeseen event, fund balance levels often receive less weight in determining the financial strength of smaller governments; in these cases, tax and expenditure flexibility and good budget management practices play relatively larger roles.

Correlation between ratings and debt ratios are more mixed, and the relationships more complicated. Debt statistics expressed as a percent of market value have a good correlation with ratings for cities and schools, but not for counties principally because there is very little volatility for these statistics across counties.

Debt service as a percent of expenditures has very little correlation with ratings at any level because it is subject to substantial influence by a government's choice of service levels (which drives the overall budget), how various functions are accounted for in the government's financial system, and how rapidly management chooses to manage debt repayment. Per capita debt ratios also either have little correlation or even exhibit an inverse of the correlation expected (higher debt ratios with higher ratings). The relative size of each government's commercial and industrial base clouds this statistic, as these property classes represent debt-paying capacity not factored into the per capita ratios. Where the inverse correlations exist, this is likely due to a large commercial or industrial base, higher income levels, or strong community support (each of which can create an above-average willingness or ability to pay that is not apparent in a per capita analysis.)

Table 1

Median Criteria Distribution For All Actively Rated Cities	Median Household Effective Buying Income (%)	Per Capita Effective Buying Income (%)	Total Market Value Per Capita (\$)	10 Leading Taxpayers (%)	Quick Ratio (%)	Total Fund Eq % Exp+ Net Exp Trans
Median AAA	140	165	183,784	6.3	5.1	29.6
Median AA	125	120	111,110	7.1	4.4	29.5
Median A	98	95	69,061	9.3	4.2	31.8
Median 8BB	82	79	45,801	12.3	3.3	25.1
Cities with populations	less than 20,000		**************************************			
Median AAA	231	263	267,811	5.1	3.3	20.0
Median AA	139	150	176,223	6.5	5.5	32.9
Median A	101	99	81,946	10.4	6.0	36.0
Median BBB	83	81	46,967	13.3	3.8	27.7
Cities with populations	between 20,000 and 150,0	00				•
Median AAA	149	171	201,032	6.5	5.5	33.3
Median AA	128	119	105,065	7.4	4.4	31.4
Median A	94	89	61,394	8.6	3.5	29.1
Median BBB	81	75	41,524	8.4	1.5	12.0
Cities with populations	greater than 150,000					
Median AAA	102	104	89,176	6.3	5.0	28.0
Median AA	91	96	72,046	6.5	2.8	24.0
Median A	89	78	49,772	6.4	2.0	20.8
Median Criteria Distribution For All Actively Rated Cities	Unres Fund Eq % Exp + Net Exp Trans	Carrying Charge (%)	Net Direct Debt Per Capita (\$)	Net Direct Debt % Market Value	Overall Net Debt Per Capita (\$)	Overall Ne Debt % Market Value
Median AAA	23.8	7.9	1,364	0.9	3,063	2.0
Median AA	24.4	7.5	1,122	1.0	2,524	2.4
Median A	26.6	6.8	1,020	1.4	2,238	3.3
Median B8B	23.3	6.5	826	1.7	1,663	3.8
Cities with populations	less than 20,000					
Median AAA	18.8	7.8	2,125	8.0	4,752	1.5
Median AA	26.7	6.2	1,470	0.7	2,884	1.5
Median A	30.0	6.7	1,063	1.2	2,424	2.9
Median BBB	25.1	6.4	774	1.6	1,643	3.3
Cities with populations	between 20,000 and 150,0	100				
Median AAA	26.2	6.6	1,313	0.7	3,063	1.0
Median AA	25.4	7.4	1,050	1.0	2,431	2.!
Median A	24.3	6.9	963	1.7	2,023	3.!
Median 8BB	10.6	7.0	880	2.0	1,637	3.9
	greater than 150 000					
Cities with populations	greater man 150,000					
Cities with populations Median AAA	20.3	11.9	1,339	1.5	2,624	3.2
<u> </u>		11.9 8.4	1,339 1,060	1.5 1.6	2,624 2,454	3.2

Table 2

Mean & Std. Dev. Criteria	Median Household	Per Capita	Total Market			Total Fund Eq
Distribution For All Actively Rated Cities	Effective Buying Income (%)	Effective Buying Income (%)	Value Per Capita (\$)	10 Leading Taxpayers (%)	Quick Ratio (%)	% Exp + Net Exp Trans
Mean AAA	159	181	208,792	7.4	6.0	46.9
Std. Dev AAA	64	78	169,473	4.9	4.6	61.3
Mean AA	128	132	135,550	8.4	6.6	40.1
Std. Dev AA	43	52	104,379	5.7	8.1	37.0
Mean A	102	98	104,953	12.3	10.0	41.5
Std. Dev A	26	28	241,057	10.7	40.2	43.1
Mean BBB	89	83	75,477	17.2	7.8	39.6
Std. Dev 88B	24	25	189,472	13.8	19.6	47.2
Cities with populations less	s than 20,000					
Mean AAA	230	258	377,168	7.4	5.1	57.f
Std. Dev AAA	87	102	268,765	7.8	3.8	102.3
Mean AA	150	169	222,165	8.6	9.4	47.7
Std. Dev AA	54	67	162,489	6.8	12.6	52.5
Mean A	105	104	136,562	14.1	14.5	47.8
Std. Dev A	27	31	321,248	12.4	53.9	47.2
Mean 88B	90	85	80,908	18.4	8.8	43.0
Std. Dev BBB	25	26	206,547	14.4	21.3	48.5
Cities with populations bet	ween 20.000 and 150.00	0				
Mean AAA	155	183	200,785	7.7	6.7	48.4
Std. Dev AAA	41	56	92,415	4.4	5.2	52.9
Mean AA	127	127	116,055	8.7	6.0	39.5
Std. Dev AA	38	43	61,712	5.4	6.0	32.1
Mean A	99	91	67,679	10.4	4.9	34.5
Std. Dev A	25	20	33,769	8.0	5.0	37.1
Mean 888	81	74	47,933	11.2	2.8	23.9
Std. Dev BBB	17	16	26,020	8.2	3.1	38.5
Cities with populations gre	ater than 150,000					
Mean AAA	111	118	89,266	6.5	5.4	34.7
Std. Dev AAA	23	28	30,514	2.6	3.7	20.1
Mean AA	100	98	80,689	7.0	4.4	29.3
Std. Dev AA	25	20	36,705	4.1	5.5	22,0
Mean A	89	79	57,692	8.2	2.6	25.7
Std. Dev A	18	17	26,226	6.4	2.5	21.4
Mean 888	77	79	46,993	11.4	1.9	12.3
Std. Dev BBB	14	13	27,201	6.9	1.5	9.5
Mean & Std. Dev. Criteria Distribution For All Actively Rated Cities	Unres Fund Eq % Exp + Net Exp Trans	Carrying Charge (%)	Net Direct Debt Per Capita (\$)	Net Direct Debt % Market Value	Overall Net Debt Per Capita (\$)	Overall Net Debt % Market Value
Mean AAA	38.9	9.5	1,806	1.2	3,639	2.2
Std. Dev AAA	49.3	6.1	1,217	1.0	2,453	1.4

Table 2

Mean & Standard Deviation	for Municipal Credit Ra	ating Criteria D	istribution For A	VI Actively Rate	d Cities(cont.)	
Mean AA	33.7	8.8	1,510	1.4	3,068	2.8
Std. Dev AA	33.9	6.8	1,522	1.2	2,411	1.8
Mean A	34.1	8.7	3,283	2.0	4,716	3.9
Std. Dev A	35.6	7.5	44,329	2.0	44,918	2.8
Mean BBB	33.5	8.5	1,752	2.4	3,011	5.0
Std. Dev BBB	45.0	8.0	7,814	2.6	8,077	4.4
Cities with populations less tha	ın 20,000					
Mean AAA	50.5	8.3	2,142	8.0	5,310	1.8
Std. Dev AAA	89.0	4.4	1,600	0.5	3,776	1.1
Mean AA	42.6	8.6	2,006	1.1	4,378	2.5
Std. Dev AA	51.3	7.5	1,656	1.0	3,306	1.9
Mean A	39.2	8.6	5,067	1.8	3,822	4.1
Std. Dev A	36.7	8.3	64,679	2.5	8,474	4.8
Mean BBB	37.1	9.5	1,202	2.4	2,610	5.2
Std. Dev BBB	47.4	11.8	1,353	2.0	3,207	6.4
Cities with populations betwee	n 20,000 and 150,000					
Mean AAA	39.3	8.3	1,622	1.0	3,092	1.9
Std. Dev AAA	36.0	5.3	1,097	0.7	1,163	1.0
Mean AA	32.7	9.1	1,205	1.3	2,737	3.0
Std. Dev AA	27.4	7.7	922	1.1	1,705	1.9
Mean A	28.8	9.4	1,119	2.1	2,703	4.1
Std. Dev A	34.5	8.6	1,008	1.9	4,125	2.8
Mean 8B8	16.1	7.7	1,071	3.0	2,080	5.9
Std. Dev BBB	24.0	4.3	735	2.2	1,467	3.5
Cities with populations greater	than 150,000					
Mean AAA	28.5	11.7	1,554	1.8	3,268	3.7
Std. Dev AAA	19.7	4.9	1,233	0.9	1,368	1.7
Mean AA	23.1	9.7	1,389	2.1	2,522	3.6
Std. Dev AA	18.6	5.7	1,143	1.8	1,103	1.9
Mean A	18.8	9.8	1,260	2.7	2,505	4.5
Std. Dev A	13.4	4.8	1,109	2.8	1,302	3.1

Table 3

Median Municipal Credit Rating Criteria Distribution For All Actively Rated Counties								
Median Criteria Distribution For All Actively Rated Counties	Median Household Effective Buying Income (%)	Per Capita Effective Buying Income (%)	Total Market Value Per Capita (\$)	10 Leading Taxpayers (%)	Quick Ratio (%)	Total Fund Eq % Exp + Net Exp Trans		
Median AAA	120	123	104,353	3.7	4.5	25.0		
Median AA	106	104	86,041	4.8	4.1	29.5		
Median A	90	86	62,238	8.2	4.5	27.8		
Median BBB	80	72	49,514	14.4	4.4	22.6		

Table 3

Median Municipal Cre	dit Rating Criteria Dist	tribution For All A	ctively Rated C	ounties(cont.)		
Counties with population	s less than 20,000					
Median A	85	84	87,180	6.1	9,9	40.3
Median BBB	81	70	64,163	21.3	7.0	41.0
Counties with population	s between 20,000 and 15	0,000				
Median AA	105	106	95,022	5.5	6.6	31.
Median A	89	85	60,470	8.5	4.9	28.
Median BBB	79	72	46,686	13.3	3.4	18.9
Counties with population	s greater than 150,000					
Median AA	106	104	84,832	4.5	3.8	28.8
Median A	94	93	62,680	6.8	2.8	20.0
Median Criteria Distribution For All Actively Rated Counties	Unres Fund Eq % Exp + Net Exp Trans	Carrying Charge (%)	Net Direct Debt Per Capita (\$)	Net Direct Debt % Market Value	Overall Net Debt Per Capita (\$)	Overall Ne Debt % Marke Value
Median AAA	20.0	6.7	582	0.5	2,546	1.9
Median AA	25.1	5.9	550	0.6	1,888	2.:
Median A	23.5	5.0	374	0.6	1,219	1.9
Median BBB	18.9	5.1	328	0.6	766	1,!
Counties with population	s less than 20,000					
Median A	33.0	5.4	748	0.9	1,360	1.4
Median BBB	36.2	4.8	505	0.8	1,147	1.4
Counties with population	s between 20,000 and 15	0,000				
Median AA	27.3	6.4	1,045	1.0	1,398	1.6
Median A	24.4	5.1	376	0.6	1,108	1,5
Median BBB	14.5	5.2	269	0.6	593	1.9
Counties with population	s greater than 150,000					
Median AA	24.2	5.5	468	0.6	2,064	2,0
Median A	16.9	4.2	347	0.6	1,544	2.0

Table 4

Mean & Standard Deviati	on for Municipal Cre	edit Rating Criteria	a Distribution F	or All Actively R	ated Counties	
Mean & Std. Dev. Criteria Distribution For All Actively Rated Counties	Median Household Effective Buying Income (%)	Per Capita Effective Buying Income (%)	Total Market Value Per Capita (\$)	10 Leading Taxpayers (%)	Quick Ratio {%}	Total Fund Eq % Exp + Net Exp Trans
Mean AAA	125	127	117,511	4.4	5.1	32.0
Std. Dev AAA	22	22	47,420	3.0	3.2	19.9
Mean AA	110	107	104,015	6.2	5.8	32.8
Std. Dev AA	21	20	90,588	5.4	5.9	20.8
Mean A	92	87	78,550	12.2	9.9	33.7
Std. Dev A	15	15	83,576	13.2	31.2	24.8
Mean BBB	79	75	64,095	19.7	7.1	31.5
Std. Dev BBB	13	13	51,833	16.9	10.0	30.3

Table 4

anie 4 Mean & Standard Deviat	ion for Municipal Cre	dit Rating Criteria	Distribution f	or All Actively R	ated Counties	(cont.)
Counties with populations l	ess than 20,000					
Mean A	90	90	195,765	23.9	42.2	50.0
Std. Dev A	21	33	282,784	30.0	106.8	32.4
Mean 8BB	78	73	91,546	30.2	10.1	44.1
Std. Dev 8BB	14	13	80,156	21.0	9.9	35.7
Counties with populations l	between 20,000 and 150,	000				
Mean AA	109	105	123,276	6.8	7.0	33.8
Std. Dev AA	21	18	87,455	5.7	5.2	16.7
Mean A	91	86	72,654	12.2	8.7	34.7
Std. Dev A	14	13	43,542	11.9	17.2	24.9
Mean BB8	79	75	51,548	15.4	6.0	26.6
Std. Dev BBB	13	13	23,016	12.5	10.1	25.7
Counties with populations (greater than 150,000					
Mean AA	110	106	88,871	5.9	5.4	32.0
Std. Dev AA	21	21	34,913	5.3	6.1	22.1
Mean A	96	90	64,754	9.2	3.9	24.0
Std. Dev A	15	17	27,917	8.7	5.4	16.
Mean & Std. Dev. Criteria Distribution For All Actively Rated Counties	Unres Fund Eq % Exp + Net Exp Trans	Carrying Charge (%)	Net Direct Debt Per Capita (\$)	Net Direct Debt % Market Value	Overall Net Debt Per Capita (\$)	Overall Ne Debt % Market Value
Mean AAA	26.4	6.9	907	0.8	2,365	2.2
Std. Dev AAA	18.4	3.3	843	0.6	1,121	1.:
Mean AA	27.7	6.5	788	0.9	2,092	2.0
Std. Dev AA	17.5	4.5	722	0.7	1,236	2.
Mean A	28.4	5.9	724	0.9	1,586	2.1
Std. Dev A	23.3	4.8	2,227	0.9	2,397	3.
Mean BBB	28.7	6.2	445	0.8	935	1.1
Std. Dev BBB	29.8	4.7	492	0.7	752	1.4
Counties with populations	less than 20,000					
Mean A	38.6	7.5	2,841	1.2	3,664	1.
Std. Dev A	29.5	8.4	8,662	1.3	8,680	1.3
Mean 88B	41.8	6.3	675	0.9	1,169	1.
Std. Dev 88B	34.2	6.0	766	0.8	897	1.1
Counties with populations	between 20,000 and 150,	,000				
Mean AA	29.3	6.7	1,125	1.0	1,760	1.1
Std. Dev AA	16.3	3.9	891	0.6	1,272	1.5
Mean A	29.5	6.0	612	0.9	1,372	2.
Std. Dev A	23.8	4.7	644	0.9	1,090	2.
	20.0					
Mean BB8	23.6	6.2	331	0.7	774	1.

Table 4

Mean & Standard Deviati	on for Municipal Credit Ra	ting Criteria Dis	tribution For All	Actively Rate	d Counties(cont.	
Counties with populations g	reater than 150,000					
Mean AA	27.3	6.5	682	0.8	2,220	2.9
Std. Dev AA	17.9	4.8	624	0.8	1,199	2,3
Mean A	20.1	4.8	486	0.8	1,780	3.8
Std. Dev A	15.4	3.6	454	0.7	1,085	4.8

Table 5

Table 5						
Median Municipal Cred	lit Rating Criteria Disti	ribution For All Ac	ctively Rated S	chool Districts		
Median Criteria Distribution For All Actively Rated School Districts	Median Household Effective Buying Income (%)	Per Capita Effective Buying Income (%)	Total Market Value Per Capita (\$)	10 Leading Taxpayers (%)	Quick Ratio (%)	Total Fund Eq % Exp + Net Exp Trans
Median AAA	224	248	232,766	4.9	5.4	17.6
Median AA	128	122	106,245	6.4	2.0	13.3
Median A	99	91	68,827	7.9	1.5	13.6
Median BBB	82	75	48,090	17.9	2.8	19.6
School districts with popu	ulations less than 20,000					
Median AA	157	170	208,427	7.1	3.1	16.2
Median A	97	90	76,388	9.3	1.6	16.2
Median BBB	83	76	49,636	20.0	3.2	22.9
School districts with popu	ulations between 20,000 a	and 150,000				
Median AA	134	127	109,200	7.0	2.1	13.2
Median A	100	91	65,503	7.8	1.5	12.6
Median BBB	77	70	38,398	13.8	1.1	8.3
School districts with popu	ulations greater than 150,	,000				
Median AA	106	107	84,140	5.7	1.7	12.4
Median A	99	90	66,192	5.1	1.3	11.6
Median Criteria Distribution For All Actively Rated School Districts	Unres Fund Eq % Exp + Net Exp Trans	Carrying Charge (%)	Net Direct Debt Per Capita (\$)	Net Direct Debt % Market Value	Overall Net Debt Per Capita (\$)	Overall Net Debt % Market Value
Median AAA	15.2	6.0	1,607	0.7	3,647	1.7
Median AA	10.6	7.8	1,376	1.2	2,650	2.3
Median A	11.5	6.7	1,141	1.6	1,919	2.8
Median BBB	17.1	5.1	837	1.7	1,355	2.9
School districts with pop	ulations less than 20,000					
Median AA	14.2	8.4	1,781	0.7	3,648	1.5
Median A	13.8	7.4	1,575	2.0	2,165	2.9
Median 8BB	20.1	4.9	886	1.7	1,478	2.8
School districts with pop	ulations between 20,000 a	and 150,000				
Median AA	10.2	7.8	1,318	1.3	2,632	2.4
Median A	10.4	6.6	992	1.5	1,836	2.8
Median BBB	7.0	5.2	695	2.0	1,050	3.3

Table 5

Median Municipal Credit Rating Criteria Distribution For All Actively Rated School Districts(cont.)							
School districts with popula	ations greater than 150,000						
Median AA	10.1	6.6	1,116	1.4	2,209	2.7	
Median A	8.4	4.4	768	1.1	1,684	2.8	

Table 6

Mean & Standard Deviatio	n for Municipal Cred	lit Rating Criteria	Distribution F	or All Actively Ra	ited School Di	stricts
Mean & Std. Dev. Criteria Distribution For All Actively Rated School Districts	Median Household Effective Buying Income (%)	Per Capita Effective Buying Income (%)	Total Market Value Per Capita (\$)	10 Leading Taxpayers (%)	Quick Ratio (%)	Total Fund Eq % Exp + Net Exp Trans
Mean AAA	217	247	268,513	5.9	14.5	30.4
Std. Dev AAA	74	93	144,238	4.7	17.2	29.2
Mean AA	135	141	132,996	7.9	6.2	17.8
Std. Dev AA	44	58	99,692	7.0	25.1	14.3
Mean A	103	94	87,131	11.3	6.4	17.2
Std. Dev A	25	25	137,542	10.6	43.3	13.4
Mean BBB	85	77	82,367	24.4	5.0	25.7
Std. Dev BBB	20	20	203,156	20.6	14.9	30.8
School districts with populat	ions less than 20,000					
Mean AA	171	191	251,593	9.3	15.0	24.2
Std. Dev AA	61	83	169,338	7.7	51.4	20.3
Mean A	101	94	108,201	12.8	6.1	20.3
Std. Dev A	23	23	215,501	11.9	33.3	15.3
Mean BBB	86	78	91,774	25.9	5.7	29.1
Std. Dev BB8	20	20	224,225	21.7	16.3	32.8
School districts with populat	ions between 20,000 an	d 150,000				
Mean AA	138	144	126,814	8.5	6.2	16.7
Std. Dev AA	41	55	71,356	7.8	22.3	12.7
Mean A	104	94	74,431	10.8	7.4	15.6
Std. Dev A	26	26	38,883	9.9	52.1	12.0
Mean BBB	81	71	41,667	18.3	1.6	11.8
Std. Dev BBB	18	18	24,039	12.7	1.9	13.7
School districts with populat	ions greater than 150,00	00				
Mean AA	112	113	87,789	6.1	2.5	16.9
Std. Dev AA	24	24	42,875	3.8	3.0	13.1
Mean A	103	91	71,650	7.6	1.9	13.1
Std. Dev A	22	23	28,366	6.3	1.9	9.2
Mean & Std. Dev. Criteria Distribution For All Actively Rated School Districts	Unres Fund Eq % Exp + Net Exp Trans	Carrying Charge (%)	Net Direct Debt Per Capita (\$)	Net Direct Debt % Market Value	Overall Net Debt Per Capita (\$)	Overall Net Debt % Market Value
Mean AAA	26.1	6.4	1,903	0.9	4,282	1.7
Std. Dev AAA	30.5	2.0	1,321	0.6	2,116	0.7
Mean AA	14.8	8.9	1,641	1.6	3,008	2.8
Std. Dev AA	13.9	7.7	1,205	1.6	1,948	2,1

Table 6

Mean & Standard Deviation fo	or Municipal Credit Rat	ing Criteria Dis	tribution For All	Actively Rated	School Distric	ts(cont.)
Mean A	15.1	7.7	1,579	2.2	2,465	3.3
Std. Dev A	13.4	5.7	1,426	1.8	2,225	2.4
Mean 888	23.2	6.0	1,352	2.6	2,110	3.7
Std. Dev BBB	30.8	4.8	1,883	3.7	3,785	3.9
School districts with populations	less than 20,000					
Mean AA	20.1	10.8	2,076	1.2	4,107	2.0
Std. Dev AA	20.0	11.3	1,369	1.1	2,387	1.4
Mean A	18.2	8.7	2,040	2.5	2,806	3.3
Std. Dev A	15.4	6.6	1,685	2.0	2,850	2.6
Mean BBB	26.5	6.0	1,478	2.6	2,286	3.6
Std. Dev 88B	32.8	5.0	2,047	3.8	4,137	4.1
School districts with populations	between 20,000 and 150,	000				
Mean AA	13.9	9.1	1,675	1.7	3,019	2.8
Std. Dev AA	12.2	7.4	1,264	1.7	1,940	2.1
Mean A	13.5	7.5	1,350	2.0	2,302	3.3
Std. Dev A	12.0	5.2	1,192	1.7	1,755	2.3
Mean BBB	9.9	6.2	759	2.7	1,236	3.8
Std. Dev BBB	13.6	4.3	541	2.7	833	3.0
School districts with populations	greater than 150,000					
Mean AA	14.2	7.6	1,337	1.9	2,453	3.4
Std. Dev AA	13.0	6.2	861	1.4	1,453	2.3
Mean A	10.5	4.8	848	1.3	1,929	2.9
Std. Dev A	8.4	3.2	554	0.8	1,166	1.7

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Appendix E

RHODE ISLAND MUNICIPAL CREDIT RATINGS As of November 28, 2007

Municipality	Moody's	<u>Fitch</u>	Standard & Poor's
Barrington	Aa2	******	24 A 47 M P M
Bristol	A1	*****	A+
Bristol-Warren RSD	A2	***	A - A - A - D - D - D
Burrillville	A1	AA-	de de se se se se se se
Central Falls	Baa3	*****	BBB
Charlestown	A1	******	
Coventry	A1		
Cranston	Baa1	BBB	Α-
Cumberland	A3		Α
East Greenwich	Aa2		AA
East Providence	A3	***	A-
Exeter	140 Adv 340 Adv 540 140 140		
Exeter-West Greenwich RSD	Baa1		
Foster	44 * 4 W M M M M		
Foster-Glocester RSD	A2		
Glocester	M 44 47 15 14 44 45 74		AA-
Hopkinton	to 40 M to 40 M A		
Jamestown	Aa3		
Johnston	Baa3	BBB-	BBB+
Lincoln	Aa3	AA-	
Little Compton	A1		
Middletown	Aa2		40 to 10 to
Narragansett	A1		AA-
New Shoreham	HAM****		A+
Newport	Aa3		
North Kingstown	Aa3		AA-
North Providence	Baa3		BBB+
North Smithfield	A1		M A A 40 14 16 17 17
Pawtucket	A3	Α-	****
Portsmouth	A1		22222
Providence	A3	Α	Α
Providence Public Building Authority	Baa1		A-
Providence Redevelopment Agency	Baa1		
Richmond	A2		
Scituate	Aa3		
Smithfield	A1		AA-
South Kingstown	Aa2		
Tiverton	A2		***************************************
I .	A1		
Warren Warwick	A1		A+
West Greenwich	<u> </u>		A+
West Warwick	A3	BBB	A'
	A3 Aa3	UWU	AA-
Westerly		Α	AA-
Woonsocket	Baa1	AA	AA
State of Rhode Island	Aa3		<i>~</i>