NEW YORK STATE



STATEMENT OF UPDATED ANNUAL INFORMATION

PURSUANT TO CONTINUING DISCLOSURE AGREEMENTS

FOR FY 2013 (Ended March 31, 2013)

ANDREW M. CUOMO, GOVERNOR ROBERT L. MEGNA, DIRECTOR JULY 25, 2013

NEW YORK STATE STATEMENT OF UPDATED ANNUAL INFORMATION DATED JULY 25, 2013

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Introduction

In accordance with the State of New York's (the "State") contractual secondary market disclosure obligations for FY 2013 ended March 31, 2013, the State herein provides, in electronic form to the Municipal Securities Rulemaking Board (the "MSRB"), a Statement of Updated Annual Information, dated July 25, 2013 (the "Annual Update"), for inclusion in the Electronic Municipal Market Access ("EMMA") system maintained by the MSRB.

The Annual Update provides updated annual information with respect to the official statements relating to the series of bonds listed in Appendices A and B hereto (collectively, the "Series of Bonds") issued by the State or its public authorities for State-related and State-supported purposes:

 Section 1 of the Annual Update contains extracts from the Annual Information Statement of the State, dated June 19, 2013 (the "AIS"), under the headings or subheadings "Prior Fiscal Years", "Capital Program and Financing Plan", "State Organization (including State Employment)", "State Retirement Systems", "Authorities and Localities", and, "Economics and Demographics". The AIS was set forth or incorporated by reference as an appendix to the official statements relating to the Series of Bonds.

Section 1 of the Annual Update has been prepared and submitted pursuant to the State's contractual continuing disclosure obligations for the Series of Bonds listed in Appendix A.

II) Section 2 of the Annual Update contains additional updated annual financial information and operating data that relate to dedicated funds or other revenue sources that are used to pay the debt service on certain State-related and State-supported bonds. The contents of this Section 2 are not intended to provide, in scope or substance, information relating to the general financial condition of the State.

The format used in Section 2 of this Annual Update is that of extracts from the most recently issued official statements of the State and its public authorities and the information contained therein reflects, to the extent applicable, subsequent changes or events from the respective dated dates of such official statements. Section 2 is intended as an update only of the information contained in such extracts and not all relevant information relating to the applicable Series of Bonds for which the related official statements were issued. As a result, readers are advised to review the contents of Section 2 together with complete copies of such applicable official statements.

Section 2 of the Annual Update has been prepared and submitted pursuant to the State's contractual continuing disclosure obligation for the Series of Bonds listed in Appendix B.

Information contained in this Annual Update is intended to be limited to that required to be updated pursuant to the State's continuing disclosure obligations. However, certain information may have been included in this Annual Update that the State is not contractually obligated to provide. The inclusion of such additional information should not be construed as creating any obligation or agreement on the part of the State to include such additional information in any future Annual Updates.

Although information contained in Section 1 of this Annual Update is extracted from the AIS, it is not intended to serve, nor does it serve, as a proxy for the AIS. Section 1 is comprised of only the information for which the State is obligated to update annually pursuant to its contractual continuing disclosure obligations.

The AIS was electronically filed with the MSRB for inclusion in the EMMA system on June 19, 2013 and contains other information which may also be useful to investors and other municipal market participants. Individuals may obtain an electronic copy of the AIS through the EMMA system at <u>www.emma.msrb.org</u>, and an official copy of the AIS may be obtained by contacting the New York State Division of the Budget, State Capitol, Albany, NY 12224, Tel: (518) 474-8282.

Section 1 – Extracts of Certain Sections from the Annual Information Statement of the State of New York

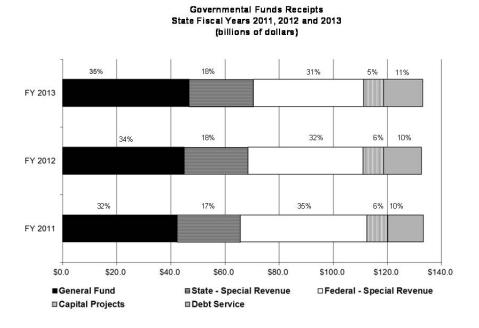
The information contained in this Section 1 consists of extracts from the State's Annual Information Statement, dated June 19, 2013 (the "AIS"). The extracted information included in this Section 1 does not in any way update any of the information contained in the AIS.

Section 1: Subsection A

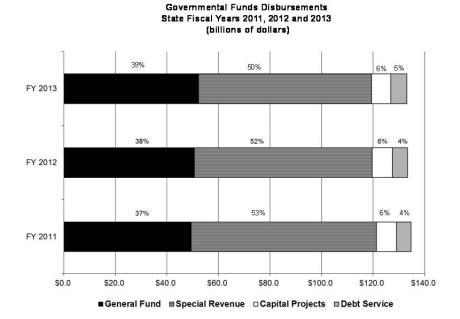
"PRIOR FISCAL YEARS" EXTRACT FROM AIS

PRIOR FISCAL YEARS

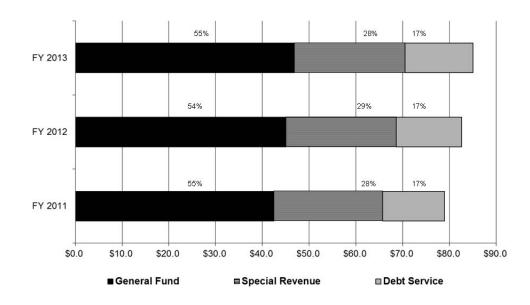
The following six tables show the composition of the State's governmental funds, State Operating Funds and the General Fund as of March 31, 2013. Following the tables is a summary of the cash-basis results for the State's three most recent fiscal years.



Note: Percentage total may not add due to rounding.

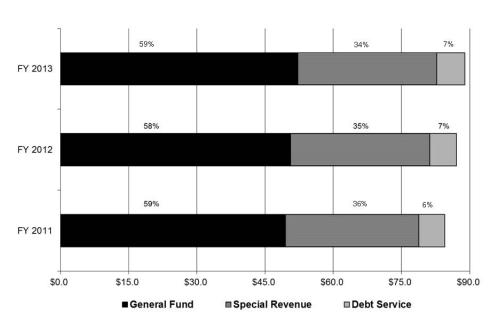


Note: Percentage total may not add due to rounding.



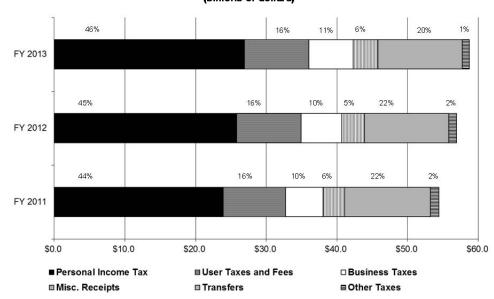
State Operating Funds Receipts State Fiscal Years 2011, 2012 and 2013 (billions of dollars)

Note: Percentage total may not add due to rounding.



State Operating Funds Disbursements State Fiscal Years 2011, 2012 and 2013 (billions of dollars)

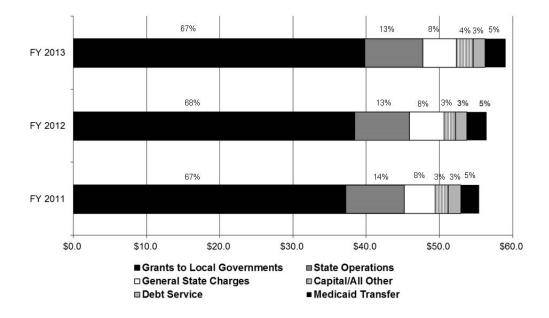
Note: Percentage total may not add due to rounding.



General Fund Receipts and Transfers by Source State Fiscal Years 2011, 2012 and 2013 (billions of dollars)

Note: Percentage total may not add due to rounding.

General Fund Disbursements and Transfers by Type State Fiscal Years 2011, 2012 and 2013 (billions of dollars)



Note: Percentage total may not add due to rounding.

The State reports its financial results on three bases of accounting: the cash basis, showing receipts and disbursements; and the GAAP basis (including modified accrual and full accrual), as prescribed by GAAP, showing revenues and expenditures. With the exception of FY 2013 financial results, the State's GAAP-basis financial results set forth in this section have been audited. Note that the FY 2013 financial results included in this AIS are preliminary and unaudited.

CASH-BASIS RESULTS FOR PRIOR FISCAL YEARS

GENERAL FUND FY 2011 THROUGH FY 2013

The General Fund is the principal operating fund of the State and is used to account for all financial transactions, except those required by law to be accounted for in another fund. It is the State's largest single fund and receives most State taxes and other resources not dedicated to particular purposes. General Fund moneys are also transferred to other funds, primarily to support certain State share Medicaid payments, capital projects and debt service payments in other fund types. In some cases, the fiscal year results provided below may exclude certain timing-related transactions which have no net impact on operations.

In the cash basis of accounting, the State defines a balanced budget in the General Fund as (a) the ability to make all planned payments anticipated in the Financial Plan, including tax refunds, without the issuance of deficit bonds or notes or extraordinary cash management actions, (b) the restoration of the balances in the Tax Stabilization Reserve and Rainy Day Reserve (together, the "rainy day reserves") to a level equal to or greater than the level at the start of the fiscal year, and (c) maintenance of other designated balances, as required by law.

Recent Trends

With State receipts slowly recovering, the State has allowed limited spending growth to meet the demand for services. In addition, rainy day reserve fund balances have been supported and maintained. The following table summarizes General Fund results for the prior three fiscal years.

COMPARISON OF GENERAL FUND RECEIPTS AND DISBURSEMENTS FY 2011 THROUGH FY 2013 (millions of dollars)						
	FY 2011	FY 2012	FY 2013			
OPENING FUND BALANCE ⁽¹⁾	2,302	1,376	1,787			
Personal Income Tax ⁽¹⁾⁽²⁾	23,894	25,843	26,884			
User Taxes and Fees:	20,001	20,010	20,001			
Sales and Use Tax ⁽³⁾	8,085	8,346	8,423			
Cigarette and Tobacco Tax Alcoholic Beverage Taxes	480	471	443			
5	230	238	246			
Subtotal	8,795	9,055	9,112			
Business Taxes:						
Corporation Franchise Tax	2,472	2,724	2,624			
Corporation and Utilities Taxes	616	618	686			
Insurance Taxes	1,217	1,257	1,346			
Bank Tax	974	1,161	1,597			
Subtotal	5,279	5,760	6,253			
Other Taxes:						
Estate and Gift Taxes	1,219	1,078	1,015			
Pari-mutuel Tax	17	17	18			
Other Taxes	1	1	1			
Subtotal	1,237	1,096	1,034			
Miscellaneous Receipts & Federal Grants	3,149	3,222	3,566			
Transfers from Other Funds:						
PIT in excess of Revenue Bond debt service	7,625	8,097	8,328			
Sales Tax in Excess of LGAC Debt Service	2,351	2,396	2,416			
All Other Transfers	2,117	1,431	1,190			
Subtotal	12,093	11,924	11,934			
TOTAL RECEIPTS	54,447	56,900	58,783			
	51,117	50,500	50,705			
Grants to Local Governments:						
School Aid ⁽⁴⁾	18,705	16,778	17,110			
Medicaid	7,478	10,300	11,110			
All Other Local Aid	11,023	11,341	11,540			
State Operations:						
Personal Service	6,151	5,781	6,130			
Non-Personal Service	1,822	1,713	1,726			
General State Charges	4,187	4,720	4,550			
Transfers to Other Funds:	4	4.546				
In Support of Debt Service	1,737	1,516	1,647			
In Support of Capital Projects	932	798	916			
State Share Medicaid	2,497	2,722	2,846			
SUNY Operations ⁽⁵⁾	0	0	340			
All Other Transfers Subtotal	841	820	1,045			
Subtotal	6,007	5,856	6,794			
TOTAL DISBURSEMENTS	55,373	56,489	58,960			
Europe (Deficience) of Descriptions - 1 Orl						
Excess (Deficiency) of Receipts and Other						
Financing Sources over Disbursements and Other Financing Uses	(926)	411	(177)			
and other rinancing oses	(920)	411	(177)			
CLOSING FUND BALANCE	1,376	1,787	1,610			
Source: NYS Office of State Comptroller.						
¹⁾ The opening balances and personal income tax re inclusion of the Personal Income Tax Refund Res ²⁾ Excludes personal income tax receipts that flow ir instance and are then transferred to the General satisfied.	erve in the Gene nto the Revenue	eral Fund. Bond Tax Fund	in the first			
⁽³⁾ Excludes sales tax in excess of LGAC Debt Service.						
⁴⁾ Reflects the deferral of a \$2.1 billion school aid p	ayment from FY2	2010 to FY 2011.				
⁵⁾ Effective with the academic year that began on Ju through which SUNY receives the State share of ir Fund spending to General Fund transfers.	ly 2012, the Stat ts operating sup	e changed the p port from direc	process t General			

FY 2013

The State ended FY 2013 in balance on a cash basis in the General Fund, and maintained a closing balance of \$1.61 billion, consisting of \$1.1 billion in the Tax Stabilization Reserve, \$175 million in the Rainy Day Reserve, \$93 million in the Community Projects Fund, \$21 million in the Contingency Reserve, \$77 million reserved for potential retroactive labor settlements, and \$113 million in an undesignated fund balance. The FY 2013 closing balance was \$177 million lesser than the FY 2012 closing balance, which largely reflects the use of designated resources to address costs associated with retroactive labor agreements.

General Fund receipts, including transfers from other funds, totaled \$58.8 billion in FY 2013. Total receipts during FY 2013 were \$1.9 billion (3.3 percent) higher than in the prior fiscal year. Total tax receipts were \$1.5 billion higher than the previous fiscal year, mainly due to growth in PIT collections (\$1.0 billion) and business tax collections (\$493 million). General Fund miscellaneous receipts also increased, largely due to one-time receipts from a settlement between DFS and Standard Chartered Bank.

General Fund disbursements, including transfers to other funds, totaled \$59.0 billion in FY 2013, \$2.5 billion (4.4 percent) higher than in the prior fiscal year. This reflects expected growth in various local assistance programs, including education and Medicaid, both of which are subject to an annual cap; increased personal service costs associated with retroactive labor settlements; and increased transfers in support of debt service payments.

FY 2013 RESULTS COMPARED TO FY 2013 ENACTED BUDGET

The following provides a summary of operating results for April 2012 through March 2013 compared to the initial projections set forth in the FY 2013 Enacted Budget. The FY 2013 General Fund closing balance of \$1.6 billion was \$209 million lower than initially estimated in the FY 2013 Enacted Budget which reflects the combined impact of lower than planned receipts (\$119 million) and higher than planned spending (\$90 million).

	Enacted Plan	Results	Above/ (Below) Variance	
Opening Balance	1,787	1,787	0	
Total Receipts	58,900	58,781	(119)	
Taxes:	54,541	54,566	25	
Personal Income Tax*	35,188	35,212	24	
User Taxes and Fees*	11,727	11,528	(199	
Business Taxes	6,038	6,252	214	
Other Taxes*	1,588	1,574	(14	
Receipts and Grants	3,289	3,566	277	
Transfers From Other Funds	1,070	649	(421	
Total Spending	58,868	58,958	90	
Education	18,942	19,029	87	
Health Care	11,268	11,736	468	
Social Services	3,026	3,023	(3	
Higher Education	2,586	2,597	11	
All Other Local Assistance	3,823	3,375	(448	
Personal Service	5,892	6,130	238	
Non-Personal Service	1,844	1,726	(118	
General State Charges	4,403	4,549	146	
Debt Service Transfer	1,580	1,647	67	
Capital Projects Transfer	1,055	916	(139	
State Share Medicaid Transfer	2,978	2,846	(132	
SUNY Operations Transfer	340	340	-	
All Other Transfers	1,131	1,044	(87	
Change in Operations	32	(177)	(209)	
Closing Balance	1,819	1,610	(209)	

RECEIPTS

Total receipts through March 2013 were \$119 million below initial projections, reflecting the net impact of higher tax collections (\$25 million); higher non-tax receipts and grants (\$277 million); and lower than projected transfer support from other State funds (\$421 million).

The variance in tax collections is a function of higher than anticipated business tax collections (\$214 million) due to higher gross receipts and audit collections offset by lower than planned user taxes (\$199 million) from slower than expected growth in taxable consumption. The variance in non-tax receipts represents a \$340 million settlement payment to the State from Standard Chartered Bank based on claims that the bank did not comply with financial regulations; \$75 million from the Manhattan DA due to increased settlement activity; and lower than anticipated collections for abandoned property (\$71 million) and licensing and fees (\$54 million).

The lower than initially estimated transfers to the General Fund is mainly attributable to the ongoing revenue arbitration between the State and the Seneca Nation regarding the Tribe's exclusivity zone (\$104 million), and the delayed collection of receipts from localities for their share of youth facilities costs due to the timing of approval of the rate packages (\$77 million). In addition, transfers were lower than initially projected due to the timing of certain mental hygiene transfers.

Spending

General Fund spending through March 2013 was \$90 million above initial projections due to higher than anticipated spending in local assistance (\$115 million), personal service (\$238 million), and GSCs (\$146 million), offset by lower than anticipated spending in non-personal service costs (\$118 million) and lower than projected General Fund transfers to other State funds (\$291 million).

The local assistance spending variance includes \$468 million in higher than projected spending for health care due almost entirely to revenue shortfalls in the HCRA fund that would otherwise offset Medicaid spending, and \$124 million in higher-than-projected School Aid disbursements. These increased costs were largely offset by lower disbursements across a range of programs and activities.

Personal service spending exceeded initial estimates due almost exclusively to retroactive payments related to labor settlements reached between the State and two public employee unions after enactment of the FY 2013 budget. These payments were financed from General Fund balances designated for this purpose. Non-personal service under-spending is reflected across a number of State agencies and programs, including: DOH Medicaid (\$30 million) due to lower than planned contractual costs; the Labor Management Committees (\$16 million) due to lower than anticipated costs for negotiated employee benefits; and disaster-related costs (\$16 million) due to lower than assumed State outlays associated with Hurricane Irene and Tropical Storm Lee.

GSCs were higher than initially projected due mainly to the impact of higher than anticipated Workers' Compensation payments, large one-time litigation payments and lower reimbursement payments from non-General Fund financing sources.

General Fund transfers to other funds were below initial estimates because of lower than projected operational costs for mental hygiene facilities (\$132 million) and lower transfers needed to support the financing costs of Capital Projects (\$139 million). The reduced transfers to the Capital Projects Fund reflect several factors that occurred throughout FY 2013, including savings from refunding, the timing and size of bond sales, and the financing mix for capital projects, most of which were recognized and accounted for through subsequent updates to the FY 2013 Financial Plan. The overall lower transfers were partially offset through higher debt service transfers (\$67 million) — a reflection of a decision to pre-pay a portion of FY 2014 debt service costs during FY 2013 in order to achieve future savings.

FY 2012

The State ended FY 2012 in balance on a cash basis in the General Fund, and maintained a closing balance of \$1.79 billion, consisting of \$1.1 billion in the Tax Stabilization Reserve, \$175 million in the Rainy Day Reserve, \$102 million in the Community Projects Fund, \$21 million in the Contingency Reserve, \$283 million reserved for potential retroactive labor settlements, and \$75 million in an undesignated fund balance. The FY 2012 closing balance was \$411 million greater than the FY 2011 closing balance, which largely reflects actions to establish designated resources that can be used to address costs associated with potential retroactive labor agreements, and to build the State's general emergency reserve fund balances. The State made a \$100 million deposit to the Tax Stabilization Reserve at the close of the FY 2012, the first deposit to the State's "rainy day" reserves (including the Tax Stabilization Reserve fund and the Rainy Day Reserve fund) since FY 2008.

General Fund receipts, including transfers from other funds, totaled \$56.9 billion in FY 2012. Total receipts during FY 2012 were \$2.5 billion (4.5 percent) higher than in the prior fiscal year. Total tax receipts were \$3.1 billion higher than the previous fiscal year, mainly due to growth in PIT collections (\$2.4 billion) and business tax collections (\$481 million). A decrease in the level of excess balances transferred from other funds partly offset the annual increase in tax receipts.

General Fund disbursements, including transfers to other funds, totaled \$56.5 billion in FY 2012, \$1.1 billion (2.0 percent) higher than in the prior fiscal year. Excluding the impact of a \$2.1 billion school aid deferral from March 2010 to the statutory deadline of June 2010, annual spending grew by \$3.2 billion. Spending growth is largely due to the phase-out of extraordinary Federal aid (including the enhanced Federal share of Medicaid, Federal ARRA Stabilization funding, and the TANF Emergency Contingency Fund) that temporarily reduced State-share spending in FY 2011. Annual General Fund spending for agency operations in FY 2012 was lower than in FY 2011, consistent with management expectations and continued efforts in managing the workforce and controlling costs. Annual growth in GSCs was mainly due to employee fringe benefit costs and workers' compensation payments; the pre-payment of pension costs during the final quarter of FY 2012; and lower reimbursement from non-General Funds.

FY 2011

The State ended FY 2011 in balance on a cash basis in the General Fund. The General Fund ended FY 2011 with a closing balance of \$1.38 billion, consisting of \$1.0 billion in the Tax Stabilization Reserve, \$175 million in the Rainy Day Reserve, \$136 million in the Community Projects Fund, \$21 million in the Contingency Reserve, and \$13 million in an undesignated fund balance. The closing balance was \$928 million lower than FY 2010. This reflected the planned use of a fund balance to pay for expenses deferred from FY 2010 into FY 2011.

General Fund receipts, including transfers from other funds, totaled \$54.4 billion in FY 2011. Total receipts during FY 2011 were \$1.9 billion (3.6 percent) higher than in the prior fiscal year. Total tax receipts were \$2.5 billion higher, mainly due to the growth in PIT collections, sales tax, estate taxes, and the real estate transfer tax, resulting from changes to the law as well as the economic recovery. Non-tax revenue was \$631 million below the prior year. This was primarily due to the following FY 2010 collections that were not received, or received in lower amounts, in FY 2011: temporary utility surcharge (18-A assessment) (\$429 million); the Power Authority resources (\$158 million); Energy Research and Development Authority (ERDA) resources (\$90 million); and fine collections (\$101 million). An increase in the level of excess balances transferred from other funds partly offset the annual decline in miscellaneous receipts.

General Fund disbursements, including transfers to other funds, totaled \$55.4 billion in FY 2011. Disbursements in FY 2011 were \$3.2 billion (6.1 percent) higher than in the prior fiscal year. Spending growth was affected by the deferral of a \$2.06 billion payment to schools from March 2010 to the statutory deadline of June 2010. Adjusting for this anomaly (that is, reducing FY 2011 results by \$2.06 billion and increasing FY 2010 results by an equal amount), spending would have been approximately \$950 million below FY 2010 levels.

Local assistance spending, adjusted for the School Aid deferral, declined by approximately \$1.1 billion compared to FY 2010. This reflected lower levels of general School Aid spending enacted in the FY 2011 Budget; the delay of a \$300 million CUNY Senior College payment from FY 2009 to June of FY 2010, which increased FY 2010 spending relative to FY 2011; the elimination, as part of the FY 2011 gap-closing plan, of approximately \$300 million in annual AIM funding for New York City that would have been paid by December 2010; and additional Federal funding for public assistance benefit costs and State and local child welfare shares in FY 2011, which reduced General Fund spending. These declines were partly offset by higher Medicaid spending due to rising costs of providing Medicaid services and reductions in the amount of available offsets from HCRA related to Indigent Care.

The annual change in personal service spending is mainly due to the payment of \$270 million in retroactive salary settlements for employees represented by NYSCOPBA, the PBA and the BCI in FY 2010 and reductions across nearly all agencies. Non-personal service spending was lower by \$155 million (7.8 percent) compared to the prior year, mainly reflecting the impact of spending controls.

Growth in GSCs spending was attributable to the increase in State contributions to the pension system and increased health insurance costs. Pension costs increased by \$315 million in FY 2011, after the amortization of \$249 million in costs. Health insurance costs increased by \$374 million. Transfers increased mainly for capital projects and the State share of Medicaid costs related to mental hygiene programs.

STATE OPERATING FUNDS FY 2011 THROUGH FY 2013

State Operating Funds is composed of the General Fund, State special revenue funds and debt service funds. The State Operating Funds perspective is primarily intended as a measure of State-financed spending. Similar to the General Fund, spending growth in State Operating Funds in recent years has also been limited.

FY 2013

State Operating Funds receipts totaled \$85.1 billion in FY 2013, an increase of \$2.5 billion over the FY 2012 results. Disbursements totaled \$88.8 billion in FY 2013, an increase of \$1.7 billion from the FY 2012 results. The State ended FY 2013 with a State Operating Funds cash balance of \$4.4 billion. In addition to the \$1.6 billion General Fund balance described above, the State's special revenue funds had a closing balance of \$2.4 billion and the debt service funds had a closing balance of \$381 million. The special revenue fund balances are held in numerous funds and accounts that support a variety of programs including industry regulation, public health, and public safety. The fund balance in the debt service funds reflects the preservation of moneys needed for debt service payments to bond holders.

FY 2012

State Operating Funds receipts totaled \$82.6 billion in FY 2012, an increase of \$3.8 billion over the FY 2011 results. Disbursements totaled \$87.2 billion in FY 2012, an increase of \$2.8 billion from the FY 2011 results. The State ended FY 2012 with a State Operating Funds cash balance of \$3.8 billion. In addition to the \$1.8 billion General Fund balance described above, the State's special revenue funds had a closing balance of \$1.6 billion and the debt service funds had a closing balance of \$428 million. The remaining special revenue fund balances are held in numerous funds and accounts that support a variety of programs including industry regulation, public health, and public safety. The fund balance in the debt service funds reflects the preservation of moneys needed for debt service payments to bond holders.

FY 2011

State Operating Funds receipts totaled \$78.8 billion in FY 2011, an increase of \$2.9 billion over the FY 2010 results. Disbursements totaled \$84.4 billion in FY 2011, an increase of \$3.8 billion from the FY 2010 results. The State ended FY 2011 with a State Operating Funds cash balance of \$4.0 billion. In addition to the \$1.4 billion General Fund balance described above, the State's special revenue funds had a closing balance of \$2.1 billion and the debt service funds had a closing balance of \$453 million. The fund balance in the special revenue funds largely reflects the timing of receipts and disbursements (e.g. dedicated moneys received for a specified purpose prior to disbursement). A large fund balance is dedicated to finance the operations and activities of SUNY campuses and hospitals (\$651 million). The remaining special revenue fund balances are held in numerous funds and accounts that support a variety of programs including industry regulation, public health, and public safety. The fund balance in the debt service funds reflects the preservation of moneys needed for debt service payments to bond holders.

CASH FINANCIAL PLAN STATE OPERATING FUNDS BUDGET FY 2013 (millions of dollars)							
	General Fund	Special Revenue Funds	Debt Service Funds	Tota			
Opening fund balance	1,787	1,632	428	3,847			
Receipts:							
Taxes	43,283	8,146	13,503	64,932			
Miscellaneous receipts	3,504	15,566	913	19,983			
Federal grants	62	18	79	159			
Total receipts	46,849	23,730	14,495	85,074			
Disbursements:							
Grants to local governments	39,760	18,818	0	58,578			
State operations:							
Personal Service	6,130	6,273	0	12,403			
Non-Personal Service	1,726	3,510	44	5,280			
General State charges	4,550	1,887	0	6,437			
Debt service	0	0	6,138	6,138			
Capital projects	0	8	0	8			
Total disbursements	52,166	30,496	6,182	88,844			
Other financing sources (uses):							
Transfers from other funds	11,934	7,478	6,320	25,732			
Transfers to other funds	(6,794)	25	(14,680)	(21,449			
Bond and note proceeds	0	0	0	(
Net other financing sources (uses)	5,140	7,503	(8,360)	4,283			
Change in fund balance	(177)	737	(47)	513			
Closing fund balance	1,610	2,369	381	4,360			

CASH FINANCIAL PLAN STATE OPERATING FUNDS BUDGET FY 2012							
	millions of dolla	nrs)					
	General Fund	Special Revenue Funds	Debt Service Funds	Tota			
Opening fund balance	1,376	2,139	454	3,969			
Receipts:							
Taxes	41,754	8,244	12,962	62,960			
Miscellaneous receipts	3,162	15,399	955	19,516			
Federal grants	60	0	80	140			
Total receipts	44,976	23,643	13,997	82,616			
Disbursements:							
Grants to local governments	38,419	18,848	0	57,267			
State operations:							
Personal Service	5,781	6,266	0	12,047			
Non-Personal Service	1,713	3,646	45	5,404			
General State charges	4,720	1,873	0	6,593			
Debt service	0	0	5,864	5,864			
Capital projects Total disbursements	0 50,633	<u>6</u> 30,639	0 5,909	6 87,181			
Other financing sources (uses):							
Transfers from other funds	11,924	7,096	6,490	25,510			
Transfers to other funds	(5,856)	(607)	(14,604)	(21,067			
Bond and note proceeds	0	0	0	(
Net other financing sources (uses)	6,068	6,489	(8,114)	4,443			
Change in fund balance	411	(507)	(26)	(122			
Closing fund balance	1,787	1,632	428	3,847			

CASH FINANCIAL PLAN STATE OPERATING FUNDS BUDGET FY 2011 (millions of dollars)								
	General Fund	Special Revenue Funds	Debt Service Funds	Tota				
Opening fund balance	2,302	2,098	411	4,811				
Receipts:								
Taxes	39,205	8,117	12,210	59,532				
Miscellaneous receipts	3,095	15,154	900	19,149				
Federal grants	54	0	57	111				
Total receipts	42,354	23,271	13,167	78,792				
Disbursements:								
Grants to local governments	37,206	18,089	0	55,295				
State operations:								
Personal Service	6,151	6,271	0	12,422				
Non-Personal Service	1,822	3,081	63	4,966				
General State charges	4,187	1,915	0	6,102				
Debt service	0	0	5,615	5,615				
Capital projects	0	18	0	18				
Total disbursements	49,366	29,374	5,678	84,418				
Other financing sources (uses):								
Transfers from other funds	12,093	8,077	7,048	27,218				
Transfers to other funds	(6,007)	(1,933)	(14,494)	(22,434				
Bond and note proceeds	0	0	0	(
Net other financing sources (uses)	6,086	6,144	(7,446)	4,784				
Change in fund balance	(926)	41	43	(842				
Closing fund balance	1,376	2,139	454	3,969				

ALL FUNDS FY 2011 THROUGH FY 2013

The All Funds Financial Plan records the operations of the four governmental fund types: the General Fund, special revenue funds, capital projects funds, and debt service funds. It is the broadest measure of State governmental activity, and includes spending from Federal funds and capital projects funds. The All Funds Financial Plan has not grown in recent years.

FY 2013

All Funds receipts for FY 2013 totaled \$133.2 billion, an increase of \$511 million over FY 2012 results. Annual growth in tax receipts and miscellaneous receipts was partly offset by a decline in Federal grants. All Funds disbursements for FY 2013 totaled \$133.1 billion, a decrease of \$407 million over FY 2012 results. The annual decline largely reflects the growth in State Operating Funds previously described, more than offset by declines in Federal Operating Funds and Capital Project Funds. The annual decrease in Federal Operating Funds spending is due to the phasing-out of approximately \$2.7 billion in funding available from the Federal ARRA between FY 2012 and FY 2013, partially offset by nearly \$1 billion in Federal disaster assistance spending in FY 2013. The capital projects spending decline reflects the recent completion of economic development projects, including the SUNY College for Nanoscale and Science Engineering, Global Foundries, and the Aqueduct Video Lottery Facility.

The State ended FY 2013 with an All Funds cash balance of \$3.9 billion. The \$4.4 billion State Operating Funds balance described above was partly offset by a negative capital project funds closing balance of roughly \$485 million. The negative balance in the capital projects fund results from outstanding intra-year loans from STIP used to finance capital projects costs prior to the receipt of bond proceeds.

FY 2012

All Funds receipts for FY 2012 totaled \$132.7 billion, a decrease of \$577 million over FY 2011 results. Annual growth in tax receipts and miscellaneous receipts was more than offset by a decline in Federal grants. All Funds disbursements for FY 2012 totaled \$133.5 billion, a decrease of \$1.3 billion over FY 2011 results. The annual changes largely reflect the impact of Federal ARRA aid.

The State ended FY 2012 with an All Funds cash balance of \$3.4 billion. The \$3.8 billion State Operating Funds balance described above was partly offset by a negative capital project funds closing balance of roughly \$449 million. The negative balance in the capital projects fund results from outstanding intra-year loans from STIP used to finance capital projects costs prior to the receipt of bond proceeds.

FY 2011

All Funds receipts for FY 2011 totaled \$133.3 billion, an increase of \$6.7 billion over FY 2010 results. Annual growth in Federal grants and tax receipts was partially offset by a decline in miscellaneous receipts. All Funds disbursements for FY 2011 totaled \$134.8 billion, an increase of \$7.9 billion over FY 2010 results. The annual change reflects growth due to ARRA "pass-through" and growth in capital spending and debt service, as well as the \$2.1 billion school aid deferral from FY 2010.

The State ended the FY 2011 with an All Funds cash balance of \$3.8 billion. The \$4.0 billion State Operating Funds balance described above was partly offset by a negative capital project funds closing balance of roughly \$168 million. The negative balance in the capital projects fund results from outstanding intra-year loans from STIP used to finance capital projects costs prior to the receipt of bond proceeds.

CASH FINANCIAL PLAN ALL GOVERNMENTAL FUNDS FY 2011							
	(millions	of dollars)					
	General Fund	Special Revenue Funds	Capital Projects Funds	Debt Service Funds	Tota		
Opening fund balance	2,302	2,401	(254)	411	4,860		
Receipts:							
Taxes	39,205	8,117	1,339	12,210	60,871		
Miscellaneous receipts	3,095	15,306	3,848	900	23,149		
Federal grants	54	46,692	2,499	57	49,302		
Total receipts	42,354	70,115	7,686	13,167	133,322		
Disbursements:							
Grants to local governments	37,206	58,696	2,731	0	98,633		
State operations:							
Personal Service	6,151	6,954	0	0	13,105		
Non-Personal Service	1,822	4,094	0	63	5,979		
General State charges	4,187	2,174	0	0	6,361		
Debt service	0	0	0	5,615	5,615		
Capital projects	0	19	5,113	0	5,132		
Total disbursements	49,366	71,937	7,844	5,678	134,825		
Other financing sources (uses):							
Transfers from other funds	12,093	7,334	1,130	7,048	27,605		
Transfers to other funds	(6,007)	(5,764)	(1,410)	(14,494)	(27,675		
Bond and note proceeds	0	0	525	0	525		
Net other financing sources (uses)	6,086	1,570	245	(7,446)	455		
Change in fund balance	(926)	(252)	87	43	(1,048		
Closing fund balance	1,376	2,149	(167)	454	3,812		

	ALL GOVERNM	NCIAL PLAN 1ENTAL FUNDS 2012			
	(millions	of dollars)			
	General Fund	Special Revenue Funds	Capital Projects Funds	Debt Service Funds	Tota
Opening fund balance	1,376	2,149	(167)	454	3,812
Receipts:					
Taxes	41,754	8,244	1,337	12,962	64,297
Miscellaneous receipts	3,162	15,565	4,155	955	23,837
Federal grants	60	42,356	2,115	80	44,611
Total receipts	44,976	66,165	7,607	13,997	132,745
Disbursements:					
Grants to local governments	38,419	55,496	2,566	0	96,481
State operations:					
Personal Service	5,781	6,899	0	0	12,680
Non-Personal Service	1,713	4,590	0	45	6,348
General State charges	4,720	2,135	0	0	6,855
Debt service	0	0	0	5,864	5,864
Capital projects	0	6	5,270	0	5,276
Total disbursements	50,633	69,126	7,836	5,909	133,504
Other financing sources (uses):					
Transfers from other funds	11,924	7,096	1,031	6,490	26,541
Transfers to other funds	(5,856)	(4,690)	(1,436)	(14,604)	(26,586
Bond and note proceeds	0	0	352	0	352
Net other financing sources (uses)	6,068	2,406	(53)	(8,114)	307
Change in fund balance	411	(555)	(282)	(26)	(452
Closing fund balance	1,787	1,594	(449)	428	3,360

CASH FINANCIAL PLAN ALL GOVERNMENTAL FUNDS FY 2013 (millions of dollars)							
	General Fund	Special Revenue Funds	Capital Projects Funds	Debt Service Funds	Tota		
Opening fund balance	1,787	1,594	(449)	428	3,360		
Receipts:							
Taxes	43,283	8,146	1,370	13,502	66,301		
Miscellaneous receipts	3,504	15,762	3,857	913	24,036		
Federal grants	62	40,572	2,126	79	42,839		
Total receipts	46,849	64,480	7,353	14,494	133,176		
Disbursements:							
Grants to local governments	39,760	53,794	1,875	0	95,429		
State operations:							
Personal Service	6,130	6,882	0	0	13,012		
Non-Personal Service	1,726	4,400	0	44	6,170		
General State charges	4,550	2,126	0	0	6,676		
Debt service	0	0	0	6,138	6,138		
Capital projects	0	8	5,665	0	5,673		
Total disbursements	52,166	67,210	7,540	6,182	133,098		
Other financing sources (uses):							
Transfers from other funds	11,934	7,478	1,172	6,319	26,903		
Transfers to other funds	(6,794)	(3,969)	(1,456)	(14,680)	(26,899		
Bond and note proceeds	0	0	434	0	434		
Net other financing sources (uses)	5,140	3,509	150	(8,361)	438		
Change in fund balance	(177)	779	(37)	(49)	516		
Closing fund balance	1,610	2,373	(486)	379	3,876		

GAAP-BASIS RESULTS FOR PRIOR FISCAL YEARS

The Comptroller prepares Basic Financial Statements and Other Supplementary Information on a GAAP basis for governments as promulgated by the GASB. The Basic Financial Statements, released in July each year, include the Statements of Net Assets and Activities; the Balance Sheet and Statement of Revenues, Expenditures and Changes in Fund Balances for the Governmental Funds; the Statements of Net Assets, Revenues, Expenses and Changes in Fund Net Assets and Cash Flows for the Enterprise Funds; the Statements of Fiduciary Net Assets and Changes in Fiduciary Net Assets; and the Combining Statements of Net Assets and Activities for Discretely Presented Component Units. These statements are audited by independent certified public accountants. The Comptroller also prepares and issues a Comprehensive Annual Financial Report (CAFR), which includes a management discussion and analysis (MD&A), the Basic Financial Statements, required supplementary information, other supplementary information which includes individual fund combining statements, and a statistical section.

The following table summarizes recent governmental funds results on a GAAP basis. The State expects to issue the Basic Financial Statements for FY 2013 by July 29, 2013.

COMPARISON OF ACTUAL GAAP-BASIS OPERATING RESULTS SURPLUS/(DEFICIT) (millions of dollars)							
Fiscal Year Ended	General Fund	Special Revenue Funds	Debt Service Funds	Capital Projects Funds	All Governmental Funds	Accum. General Fund <u>Surplus/(Deficit)</u>	
March 31, 2012 March 31, 2011 March 31, 2010	137 1,529 (594)	56 742 (722)	80 198 378	346 (568) 1,061	619 1,901 123	(1,868) (2,009) (3,538)	

SUMMARY OF NET ASSETS (millions of dollars)							
Fiscal Year Ended	Governmental _Activities	Business-Type Activities	Total Primary Government				
March 31, 2012	26,333	(658)	25,675				
March 31, 2011	27,648	(618)	27,030				
March 31, 2010	27,976	116	28,092				

The Basic Financial Statements (including Other Supplementary Information) and the CAFR can be obtained from the Office of the State Comptroller, 110 State Street, Albany, NY 12236 or at the Office of the State Comptroller's website at <u>www.osc.state.ny.us</u>. The Basic Financial Statements can also be accessed through EMMA at <u>www.emma.msrb.org</u>.

Section 1: Subsection B

"CAPITAL PROGRAM AND FINANCING PLAN" EXTRACT FROM AIS

CAPITAL PROGRAM AND FINANCING PLAN

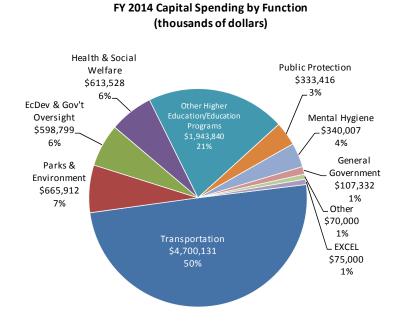
The DOB prepares a Multi-Year Capital Program and Financing Plan with the Executive Budget and updates it following enactment of the budget (the "Enacted Capital Plan"). The Enacted Capital Plan outlines the anticipated capital spending over the five-year period, the means by which it will be financed, the impact on debt measures, and the anticipated debt issuances required to support the planned capital spending. The Enacted Capital Plan can be obtained by contacting the Division of the Budget, State Capitol, Albany, NY 12224, (518) 474-8282, or at www.budget.ny.gov.

CAPITAL PLAN

As prescribed by NY Works Task Force, DOB has for the first time formulated 10-year capital commitment and disbursement projections for State agencies. The total commitment and disbursement levels over the 10-year capital planning horizon reflect, among other things, projected capacity under the State's debt limit, anticipated levels of Federal aid, and the timing of capital activity based on known needs and historical patterns. The following capital projects information relates to the upcoming fiscal year.

FY 2014 CAPITAL PROJECTS SPENDING

Spending on capital projects is projected to total \$9.4 billion in FY 2014, which includes \$1.4 billion in "off-budget spending" directly from bond proceeds held by public authorities. Overall, capital spending in FY 2014 is projected to increase by \$543 million (6 percent) from FY 2013.



In FY 2014, transportation spending is projected to total \$4.7 billion, which represents 50 percent of total capital spending, with education, including the EXCEL program, comprising the next largest share at 22 percent. Economic development spending represents 6 percent and spending for parks and

environment represents 7 percent. The remaining 15 percent is comprised of spending for mental hygiene, health and social welfare, public protection and all other capital programs.

Spending for transportation is projected to increase by \$269 million (6 percent) in FY 2014, reflecting the continuation of accelerated spending on road and bridge projects under the New York Works program and additional CHIPs funding included in the Enacted Budget.

Parks and environment spending will decrease by \$72 million (-10 percent) in FY 2014 reflecting the continued phasedown of general obligation bond authorizations.

Economic development and government oversight spending is projected to increase by \$173 million (40 percent). This spending reflects several new economic development initiatives designed to spur job growth, including money for the Regional Councils Initiative. Also, in FY 2014, the Enacted Budget dedicates resources to western New York to bolster the Buffalo Regional Innovative Cluster, and the Buffalo Bills Stadium improvements. It also provides additional investments in capital projects for higher education that will provide statewide economic opportunities, including SUNY 2020 and CUNY 2020.

Spending for health and social welfare is projected to increase by \$52 million (9 percent). This reflects ongoing commitment levels of the \$1.6 billion HEAL NY program enacted in FY 2008.

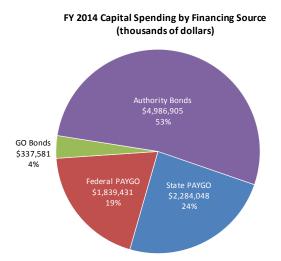
Education spending is projected to decrease by \$107 million (-5 percent) in FY 2014. This is primarily due to declining spending at SUNY related to the removal of the residence hall program and continued spending from previously enacted capital plans, as well as the phasedown of the EXCEL program.

Spending increases of \$89 million (37 percent) for public protection primarily reflect the State's share of funding related to damages caused by Superstorm Sandy, enhanced aviation equipment, continued investments in the Division of Homeland Security and Emergency Services State Preparedness Training Center, as well as preservation and improvement projects at correctional facilities. Mental hygiene capital spending will increase by \$104 million.

General government capital spending will increase by \$41 million (62 percent) primarily attributable to costs associated with State technology projects, which will be selected through a governance process based on ROI or a cost-benefit analysis.

Spending for agencies in the All Other category is projected to decrease by \$4 million (-6 percent) primarily due to reduced spending from the Statewide equipment program.

FINANCING FY 2014 CAPITAL PROJECTS SPENDING



In FY 2014, the State plans to finance 57 percent of capital projects spending with long-term debt. Federal aid is expected to fund 19 percent of the State's FY 2014 capital spending, primarily for transportation. State cash resources will finance the remaining 24 percent of capital spending. Year-to-year, total PAYGO support is projected to decrease by \$159 million, with State PAYGO decreasing by \$138 million and Federal PAYGO support decreasing by \$21 million. Bond-financed spending is projected to increase by \$700 million.

FINANCING PLAN

New York State is one of the largest issuers of municipal debt, ranking second among the states, behind California, in the amount of debt outstanding. The State ranks fifth in the U.S. in debt per capita, behind Connecticut, Massachusetts, Hawaii, and New Jersey. As of March 31, 2013, total State-related debt outstanding totaled \$56.1 billion, equal to approximately 5.4 percent of New York personal income. The State's debt levels are typically measured by DOB using two categories: *State-supported debt* and *State-related debt*.

State-supported debt represents obligations of the State that are paid from traditional State resources (i.e., tax revenue) and have a budgetary impact. It includes general obligation debt, to which the full faith and credit of the State has been pledged, and lease purchase and contractual obligations of public authorities and municipalities, where the State's legal obligation to make payments to those public authorities and municipalities is subject to and paid from annual appropriations made by the Legislature. These include the State PIT Revenue Bond program and the New York Local Government Assistance Corporation (LGAC) bonds. Since 2002, the State has financed most of its capital program with PIT Revenue Bonds, a revenue bond program that has reduced its cost of borrowing and created efficiencies by permitting the consolidation of bond sales. Prior to 2002, the State had financed its capital spending with lower-rated lease purchase and contractual service obligations of public authorities. The State expects to transition to using only three credits – general obligation bonds, PIT Revenue Bonds, and the new Sales Tax Revenue Bond program, which was authorized in the Enacted Budget.

State-related debt is a broader measure of State debt which includes all debt that is reported in the State's GAAP-basis financial statements, except for unamortized premiums and accumulated accretion on capital appreciation bonds. These financial statements are audited by external independent auditors and published by OSC on an annual basis. The debt reported in the GAAP-basis financial statements includes

general obligation debt, other State-supported debt as defined in the State Finance Law, debt issued by the Tobacco Securitization Finance Corporation, certain debt of the Municipal Bond Bank Agency (MBBA) issued to finance prior year school aid claims and capital leases and mortgage loan commitments. In addition, State-related debt reported by DOB includes State-guaranteed debt, moral obligation financings and certain contingent-contractual obligation financings, where debt service is paid from non-State sources in the first instance, but State appropriations are available to make payments if necessary. These numbers are not included in the State's GAAP-basis financial statements.

The State's debt does not encompass, and does not include, debt that is issued by, or on behalf of, local governments and secured (in whole or in part) by State local assistance aid payments. For example, certain State aid to public schools paid to school districts or New York City has been pledged by those local entities to help finance debt service for locally-sponsored and locally-determined financings. This debt, however, is not treated by DOB as either State-supported debt or State-related debt because it (i) is not issued by the State (nor on behalf of the State), and (ii) does not result in a State obligation to pay debt service. Instead, this debt is accounted for in the respective financial statements of the local governments or other entity responsible for the issuance of such debt and is similarly treated.

The issuance of general obligation debt and debt of LGAC is undertaken by OSC. All other Statesupported and State-related debt is issued by the State's financing authorities (known as "Authorized Issuers" in connection with the issuance of PIT and Sales Tax Revenue Bonds) acting under the direction of DOB. The Authorized Issuers include NYSTA, DASNY, ESD, the Environmental Facilities Corporation (EFC), and the Housing Finance Agency (HFA) for PIT Revenue Bonds and NYSTA, DASNY, and ESD for Sales Tax Revenue Bonds. Prior to any issuance of new State-supported debt and State-related debt, approval is required by the State Legislature, DOB, the issuer's board, and in certain instances, the Public Authorities Control Board (PACB) and the State Comptroller.

The State has never defaulted on any of its general obligation indebtedness or its obligations under lease purchase or contractual obligation financing arrangements. The following table summarizes the State's debt obligation for the past three fiscal years.

OUTSTANDING STATE-SUPPORTED AND STATE-RELATED DEBT ¹ (millions of dollars)						
	FY 2011	FY 2012	FY 2013			
State-Supported Debt	51,618	52,773	52,535			
Personal Income Tax Revenue Bonds	20,986	23,074	26,501			
General Obligation	3,525	3,494	3,524			
Local Government Assistance Corporation	3,330	3,119	2,836			
Service Contract & Lease Purchase	12,316	11,312	8,585			
Other Revenue Bonds	11,461	11,774	11,089			
Contingent-Contractual Obligation Financings	3,597	3,193	2,832			
DASNY/MCCFA - Secured Hospital Program	585	503	421			
Tobacco Settlement Financing Corporation	3,012	2,690	2,411			
Moral Obligation Financings	25	20	13			
Housing Finance Agency	23	18	11			
MCCFA - Hospitals and Nursing Homes	2	2	2			
Other State Financings	724	690	701			
MBBA Prior Year School Aid Claims	396	368	294			
Capital Leases ²	180	178	264			
Mortgage Loan Commitments	148	144	143			
State Guaranteed Debt						
Job Development Authority	23	19	15			
TOTAL STATE-RELATED DEBT	55,987	56,695	56,096			

Source: NYS DOB. Except Mortgage Loan Commitments which are taken from the CAFR for FY 2011 and FY 2012 Mortgage Loan Commitments and Capital Leases are estimated by DOB for FY 2013.

¹Amounts outstanding reflect original par amounts or original gross proceeds in the case of capital appreciation bonds. Amounts do not reflect accretion of capital appreciation bonds or premiums received.

²A portion of SUNY's capital leases are included in State-supported debt.

STATE-SUPPORTED DEBT OUTSTANDING

State-supported debt represents obligations of the State that are paid from traditional State resources and have a budgetary impact. It includes general obligation debt, State PIT Revenue Bonds, Sales Tax Revenue Bonds, LGAC bonds and lease purchase and service contract obligations of public authorities and municipalities. Payment of all obligations, except for general obligation debt, is subject to annual appropriations by the State Legislature, but the State's credits have different security features, as described in this section. The Debt Reform Act of 2000 limits the amount of new State supported debt issued since April 1, 2000.

STATE PIT REVENUE BOND PROGRAM

Since 2002, the PIT Revenue Bond Program has been the primary financing vehicle used to fund the State's capital program. Legislation enacted in 2001 provided for the issuance of State PIT Revenue Bonds by the State's Authorized Issuers. The legislation requires 25 percent of State PIT receipts (excluding refunds owed to taxpayers) to be deposited into the Revenue Bond Tax Fund (RBTF) for purposes of making debt service payments on these bonds, with the excess amounts returned to the General Fund. The first State PIT Revenue Bonds were issued on May 9, 2002, and since that time, all of the Authorized Issuers have issued State PIT Revenue Bonds.

Legislation enacted in 2007 increased the amount of PIT receipts to be deposited into the RBTF by removing an exclusion for PIT amounts deposited to the STAR Fund. In the event that (a) the State Legislature fails to appropriate amounts required to make all debt service payments on the State PIT Revenue Bonds or (b) having been appropriated and set aside pursuant to a certificate of the Director of the Budget, financing agreement payments have not been made when due on the State PIT Revenue Bonds, the legislation requires that PIT receipts continue to be deposited to the RBTF until amounts on deposit in the Fund equal the greater of (i) 25 percent of annual PIT receipts or (ii) \$6 billion. Debt service on State PIT Revenue Bonds is subject to legislative appropriation, as part of the annual debt service bill.

As of March 31, 2013, approximately \$27 billion of State PIT Revenue Bonds were outstanding. The projected PIT Revenue Bond coverage ratios, noted below, are based upon estimates of PIT receipts deposited into the RBTF and include projected debt issuances. Assuming average issuances of approximately \$3.5 billion annually over the next four years, PIT coverage is expected to decline from 3.8 times in FY 2014 to 3.7 times in FY 2017.

PROJECTED PIT REVENUE BOND COVERAGE RATIOS FY 2014 THROUGH 2017 (thousands of dollars)						
	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>		
Projected RBTF Receipts	10,635,875	11,008,550	11,748,550	12,475,225		
Projected New PIT Bonds Issuances	3,636,850	3,684,049	3,994,235	2,870,472		
Projected Total PIT Bonds Outstanding	30,009,625	33,511,525	37,165,632	39,550,268		
Projected Maximum Annual Debt Service	2,779,384	2,994,821	3,324,091	3,361,733		
Projected PIT Coverage Ratio	3.8	3.7	3.5	3.7		

SALES TAX REVENUE BOND PROGRAM

Legislation included in the FY 2014 Enacted Budget created a new Sales Tax Revenue Bond program. This new bonding program will replicate certain credit features of PIT and LGAC revenue bonds and is expected to provide the State with increased efficiencies and a lower cost of borrowing.

The legislation created the Sales Tax Revenue Bond Tax Fund, a sub-fund within the General Debt Service Fund that will provide for the payment of these bonds. The new Sales Tax Revenue Bonds will be secured by dedicated revenues consisting of one cent of the State's four cent sales and use tax. With a limited exception, upon the satisfaction of all of the obligations and liabilities of LGAC, this will increase to 2 cents of sales and use tax receipts. Such sales tax receipts in excess of debt service requirements will be transferred to the State's General Fund.

The Sales Tax Revenue Bond Fund will have appropriation-incentive and General Fund "reach back" features comparable to PIT and LGAC bonds. A "lock box" feature will restrict transfers back to the General Fund in the event of non-appropriation or non-payment. In addition, in the event that sales tax revenues are insufficient to pay debt service, a "reach back" mechanism requires the State Comptroller to transfer moneys from the General Fund to meet debt service requirements.

DOB expects the first Sales Tax Revenue Bond issue to close in the third quarter of FY 2014 and that the Sales Tax Revenue Bonds will be used interchangeably with PIT Revenue Bonds to finance State capital needs. Assuming average issuances of approximately \$1.2 billion annually over the next four years, Sales Tax coverage based only upon the 1 cent pledge is expected to decline from 37.4 times in FY 2014 to 9.7 times in FY 2017, as shown in the following chart.

PROJECTED SALES TAX REVENUE BOND COVERAGE RATIOS FY 2014 THROUGH 2017 (thousands of dollars)					
	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	
Projected Sales Tax Receipts	2,933,500	3,066,800	3,207,800	3,299,500	
Projected New Sales Tax Revenue Bonds Issuances	1,122,000	1,155,660	1,190,330	1,226,040	
Projected Total Sales Tax Revenue Bonds Outstanding	1,101,999	2,200,580	3,299,074	4,395,877	
Projected Maximum Annual Debt Service	78,375	179,130	285,025	339,561	
Projected Sales Tax Coverage Ratio	37.4	17.1	11.3	9.7	

Also included in the FY 2014 Enacted Budget was legislation that authorizes the use of State Sales Tax Revenue Bonds and PIT Revenue Bonds to finance any capital purpose, including projects that were previously financed through the State's Mental Health Facilities Improvement Revenue Bond program and the Dedicated Highway and Bridge Trust Fund program. This change allows the State to transition to the use of three primary credits – Personal Income Tax Revenue Bonds, Sales Tax Revenue Bonds and General Obligation Bonds to finance the State's capital needs.

GENERAL OBLIGATION FINANCINGS

With limited exceptions for emergencies, the State Constitution prohibits the State from undertaking a long-term general obligation borrowing (i.e., borrowing for more than one year) unless it is authorized in a specific amount for a single work or purpose by the Legislature. There is no constitutional limitation on the amount of long-term general obligation debt that may be so authorized and subsequently incurred by the State. However, the Debt Reform Act of 2000 ("Debt Reform Act") imposed statutory limitations on new State-supported debt issued on and after April 1, 2000. The State Constitution provides that general obligation bonds, which can be paid without an appropriation, must be paid in equal annual principal installments or installments that result in substantially level or declining debt service payments, mature within 40 years after issuance, and begin to amortize not more than one year after the issuance of such bonds. However, general obligation housing bonds must be paid within 50 years after issuance, with principal commencing no more than three years after issuance. The Debt Reform Act limits the maximum term of State-supported bonds, including general obligation bonds, to 30 years, and the State currently has no bonds outstanding with a remaining final maturity that is more than 30 years.

General obligation debt is currently authorized for transportation, environment and housing purposes. Transportation-related bonds are issued for State and local highway and bridge improvements, mass transportation, rail, aviation, canal, port and waterway programs and projects. Environmental bonds are issued to fund environmentally sensitive land acquisitions, air and water quality improvements, municipal non-hazardous waste landfill closures and hazardous waste site cleanup projects.

Most general obligation debt-financed spending in the Enacted Capital Plan is authorized under nine previously approved bond acts (five for transportation and four for environmental and recreational programs). The majority of projected general obligation bond-financed spending supports authorizations for the 2005 Rebuild and Renew New York Bond Act. DOB projects that spending authorizations from the remaining bond acts will be virtually depleted by the end of the plan. As of March 31, 2013, approximately \$3.5 billion of general obligation bonds were outstanding.

The State Constitution permits the State to undertake short-term general obligation borrowings without voter approval in anticipation of the receipt of (i) taxes and revenues, by issuing general obligation tax and revenue anticipation notes (TRANs), and (ii) proceeds from the sale of duly authorized but unissued general obligation bonds, by issuing bond anticipation notes (BANs). General obligation TRANs must mature within one year from their date of issuance and cannot be refunded or refinanced beyond such period. However, since 1990, the State's ability to issue general obligation TRANs that mature in the same State fiscal year in which they were issued has been limited due to the enactment of the fiscal reform program which created LGAC. BANs may only be issued for the purposes and within the amounts for which bonds may be issued pursuant to general obligation authorizations, and must be paid from the proceeds of the sale of bonds in anticipation of which they were issued or from other sources within two years of the date of issuance or, in the case of BANs for housing purposes, within five years of the date of issuance. In order to provide flexibility within these maximum term limits, the State had previously used the BANs authorization to conduct a commercial paper program to fund disbursements eligible for general obligation bond financing.

NEW YORK LOCAL GOVERNMENT ASSISTANCE CORPORATION

In 1990, as part of a State fiscal reform program, legislation was enacted creating LGAC, a public benefit corporation empowered to issue long-term obligations to fund certain payments to local governments that had been traditionally funded through the State's annual issuance of general obligation TRANs that mature in the same State fiscal year that they are issued ("seasonal borrowing"). The legislation also dedicated revenues equal to one cent of the State's four cent sales and use tax to pay debt service on these bonds. As of June 1995, LGAC had issued State-supported bonds and notes to provide net proceeds of \$4.7 billion, completing the program. The issuance of these long-term obligations is amortized over a period of no more than 30 years from the dates of their original issuance, with the final debt service payment on April 1, 2025.

The legislation eliminated seasonal borrowing except in cases where the Governor and the legislative leaders have certified the need for additional seasonal borrowing, based on emergency or extraordinary factors, or factors unanticipated at the time of adoption of the budget, and provide a schedule for eliminating it over time. Any seasonal borrowing is required by law to be eliminated by the fourth fiscal year after the limit was first exceeded (i.e., no seasonal borrowing in the fifth year). The provision limiting the State's seasonal borrowing practices was included as a covenant with LGAC's bondholders in the General Bond Resolution and General Subordinate Lien Bond Resolution authorizing such bonds. No restrictions were placed upon the State's ability to issue deficit TRANs (issued in one year and maturing in the following year).

The LGAC changes, as well as other changes in revenue and spending patterns, have allowed the State to meet its cash flow needs throughout the fiscal year without relying on seasonal borrowings. However, the State has taken extraordinary measures in recent years to manage its cash flow, including payment deferrals and permitting the State to borrow from other funds of the State (i.e., non-General Fund) for a limited period.

Legislation enacted in 2003 requires LGAC to certify, in addition to its own cash needs, \$170 million annually to provide an incentive for the State to seek an annual appropriation to provide local assistance payments to New York City or its assignee. In May 2004, LGAC amended its General Bond Resolution and General Subordinate Lien Bond Resolution to make clear that any failure to certify or make payments to the City or its assignee has no impact on LGAC's own bondholders; and that if any such act or omission were to occur with respect to any bonds issued by The City of New York or its assignee, that act or omission would not constitute an event of default with respect to LGAC bonds. The FY 2014 Enacted Budget includes a local assistance appropriation of \$170 million from the Local Government Assistance Tax Fund to the City.

STATE-SUPPORTED LEASE-PURCHASE AND OTHER CONTRACTUAL-OBLIGATION FINANCINGS

Prior to the 2002 commencement of the State PIT Revenue Bond program, public authorities or municipalities issued other lease-purchase and contractual-obligation debt. These types of debt, where debt service is payable from moneys received from the State and is subject to annual State appropriation, are not general obligations of the State.

Under this financing structure, bonds were issued to finance various capital programs, including those which finance certain of the State's highway and bridge projects, SUNY and CUNY educational facilities, health and mental hygiene facilities, prison construction and rehabilitation, economic development projects, State buildings and housing programs, and equipment acquisitions.

Debt service payable to certain public authorities from State appropriations for such lease-purchase and contractual obligation financings may be paid from general resources of the State or from dedicated tax and other sources (i.e., personal income taxes, motor vehicle and motor fuel related-taxes, and patient income). Although these financing arrangements involve a contractual agreement by the State to make payments to a public authority, municipality or other entity, the State's obligation to make such payments is expressly made subject to appropriation by the Legislature and the actual availability of money to the State for making the payments.

Legislation first enacted in FY 2011, and extended through FY 2014, authorizes the State to set aside moneys in reserve for debt service on general obligation, lease-purchase, and service contract bonds. Pursuant to a certificate filed by the Director of the Budget with the State Comptroller, the Comptroller is required to transfer from the General Fund such reserved amounts on a quarterly basis in advance of required debt service payment dates.

OTHER NEW YORK STATE REVENUE BOND PROGRAMS

Legislation included as part of the FY 2014 Enacted Budget authorizes Personal Income Tax and Sales Tax Revenue Bonds to be issued to finance any capital purpose, including projects that were previously financed through the State's Mental Health Facilities Improvement Revenue Bond program and the Dedicated Highway and Bridge Trust Fund program. This change allows the State to transition to the use of three primary credits – Personal Income Tax Revenue Bonds, Sales Tax Revenue Bonds and general obligation bonds.

DEDICATED HIGHWAY AND BRIDGE TRUST FUND BONDS

Dedicated Highway and Bridge Trust Fund (DHBTF) bonds are issued for State transportation purposes and are backed by dedicated motor fuel, gas and other transportation related taxes and fees. As of March 31, 2013, approximately \$7.0 billion of DHBTF bonds were outstanding.

MENTAL HEALTH FACILITIES IMPROVEMENT BONDS

Mental Health Facilities Improvement bonds are issued to support capital projects to preserve and maintain both State and community-based facilities operated and/or licensed by OMH, OPWDD, and OASAS. As of March 31, 2013, approximately \$2.3 billion of Mental Health Facilities Improvement bonds were outstanding.

A major source of patient revenues for these bonds are Federal Medicaid payments for services delivered by OPWDD. Debt service coverage ratios for future years are currently projected at approximately 7.3 times for existing Mental Health Facilities Improvements Revenue Bonds. As noted previously, the Federal Centers for Medicare and Medicaid Services (CMS) have engaged the State regarding claims for services provided to individuals in developmental centers operated by OPWDD. In addition, to the reductions in rates that commenced on April 1, 2013, on February 8, 2013, the U.S. Department of Health & Human Services Office of the Inspector General, at the direction of the Federal CMS, began a review to determine the allowability of Medicaid costs for services provided in prior years to the Medicaid population in New York State-Operated Intermediate Care Facilities for the Developmentally Disabled (ICF/DD). The initial review period includes claims for services provided during the period April 1, 2010 through March 31, 2011. As a result of this review, CMS may seek to recover Federal funds for any payments that it determines to be in excess of Federal requirements. The State has prospectively resolved CMS concerns regarding its payments to ICF/DDs with a state plan change effective April 1, 2013, and continues to have discussions with CMS to resolve these concerns related to the April 1, 2010 through March 31, 2011 period. Adverse action by the Federal government relative to the allowability of Medicaid costs or services in years prior to FY 2014 would result in a significant loss of Federal aid. The prospective resolution of this matter resulted in a reduction in Federal aid of \$1.1 billion annually. A comparable amount of Federal aid is at risk for any prior period that may be pursued by CMS. Matters of this type are sometimes resolved with a prospective solution (as already commenced by New York State), and the State is not aware of any similar attempts by the Federal government to retroactively recover Federal aid of this magnitude that was paid pursuant to an approved State plan. The State continues to seek CMS approval to proceed with the development of a sustainable system of service funding and delivery for individuals with developmental disabilities. However, there can be no assurance that Federal action in this matter will not result in materially adverse changes to the State Financial Plan.

SUNY DORMITORY FACILITIES BONDS

Legislation enacted in the FY 2014 Budget created a new bonding program to finance the SUNY residence hall program. The new bonding program will be supported solely by third party revenues generated by student rents. The revenues will flow directly to DASNY for the payment of debt service without an appropriation. Unlike the existing program, the new program will not include a SUNY general obligation pledge, thereby eliminating any recourse to the State. The existing SUNY Dormitory Facilities Lease Revenue Bonds will continue to be counted as State-supported debt until they are refunded and defeased or are paid off at maturity. As of March 31, 2013, approximately \$1.5 billion of SUNY Dormitory Facilities Lease Revenue Bonds were outstanding under the existing program.

STATE-RELATED DEBT OUTSTANDING

State-related debt is a broader measure of debt that includes State-supported debt, as discussed above, and contingent-contractual obligations, moral obligations, State-guaranteed debt and other debt. As of March 31, 2013, the State has never been required to make an unanticipated debt service payment on contingent contractual, moral obligation, or State-guaranteed obligations.

CONTINGENT-CONTRACTUAL OBLIGATION FINANCING

Contingent-contractual debt, included in State-related debt, is debt where the State enters into a statutorily authorized contingent-contractual obligation via a service contract to pay debt service in the event there are shortfalls in revenues from other non-State resources pledged or otherwise available to pay the debt service. As with State-supported debt, except for general obligation, all payments are subject to annual appropriation. The State has never been required to make any payments under this financing arrangement, but the bankruptcy and deteriorating financial conditions of certain hospitals in the secured hospitals program (described below) will require the State to start making payments in FY 2014.

SECURED HOSPITAL PROGRAM

Under the Secured Hospital Program, the State entered into service contracts to enable certain financially distressed not-for-profit hospitals to issue debt. The contracts obligate the State to pay debt service, subject to annual appropriations by the Legislature, on bonds issued by the New York State MCFFA and by DASNY through the Secured Hospital Program. In the event there are shortfalls in revenues from other sources, which include hospital payments made under loan agreements between DASNY and the hospitals, and certain reserve funds held by the applicable trustees for the bonds, the State is liable for the debt service. As of March 31, 2013, there was approximately \$421 million of bonds outstanding for this program.

TOBACCO SETTLEMENT FINANCING CORPORATION (TSFC)

Legislation enacted in 2003 authorized the State to securitize all of its tobacco settlement payments through the TSFC, a corporation created under the legislation that is a subsidiary of the MBBA, through an asset-backed securitization transaction. To lower costs, the legislation authorized the State to enter into contingency contracts obligating the State to pay debt service, subject to annual appropriations, on the TSFC bonds in the event that tobacco receipts and bond reserves are insufficient. To reduce the chance that the State's contractual payments will be required in the event that tobacco receipts and bond reserves are not sufficient to pay debt service, the TSFC bonds were structured to meet or exceed all rating agency tobacco bond stress tests. The \$4.2 billion of upfront payments received by the State from the securitization were used to help restore State budget balance in FY 2004 (\$3.8 billion) and FY 2005 (\$400 million).

The bonds carry a final nominal maturity of 19 years and have an expected final maturity of 13 years, based on optional redemptions (i.e., an expected final maturity in calendar year 2018). The expected final maturity may deviate due to the optional nature of the redemptions and adjustments to tobacco settlement payments due from participating manufacturers. Various manufacturers, including the original participating manufacturers, have made reduced payments to states and territories, or deposit payments into a special disputed payments account awaiting determination through arbitration of entitlement to adjustments. As of March 31, 2013, approximately \$2.4 billion of TSFC bonds were outstanding. DOB does not anticipate that the State will be called upon to make any payment, pursuant to the contingency contract, in FY 2014. However, if the State were to lose the current arbitration decision

and continued to lose future arbitration determinations, it is possible that the State will have to make payments through the service contract after the debt service fund is depleted.

MORAL OBLIGATION FINANCINGS

Moral obligation financing generally involves the issuance of debt by a public authority to finance a revenue producing project or other activity. The debt is secured, in the first instance, by project revenues, but includes statutory provisions requiring the State, subject to appropriation by the Legislature, to make up any deficiencies which may occur in the issuer's debt service reserve fund. There has never been a payment default on any moral obligation debt of any public authority. DOB does not expect the State to increase statutory authorizations for moral obligation bond programs. From 1976 through 1987, the State was called upon to appropriate and make payments totaling \$162.8 million to make up deficiencies in the debt service reserve funds of HFA pursuant to moral obligation provisions. In the same period, the State also expended additional funds to assist the Project Finance Agency, Urban Development Corporation (UDC) and other public authorities which had moral obligation debt outstanding. The State has not been called upon to make any payments pursuant to any moral obligations since FY 1987 and no such requirements are anticipated during FY 2014.

STATE-GUARANTEED FINANCINGS

Pursuant to specific constitutional authorization, the State may also directly guarantee certain public authority obligations. Payments of debt service on State-guaranteed bonds and notes are legally enforceable obligations of the State. The only current authorization provides for the State guarantee of the repayment of certain borrowings for designated projects of the New York State Job Development Authority (JDA). The State has never been called upon to make any direct payments pursuant to any such guarantees.

Due to concerns regarding the economic viability of its programs, JDA's loan and loan guarantee activities were suspended in 1995. JDA resumed its lending activities in 1997 under a revised set of lending programs and underwriting guidelines. In April 2004, JDA issued approximately \$42 million of State-guaranteed bonds to refinance certain of its outstanding bonds and notes in order to restructure and improve JDA's capital finances. As of March 31, 2013, JDA had approximately \$15 million of bonds outstanding. DOB does not anticipate that the State will be called upon to make any payments pursuant to the State guarantee in FY 2014.

OTHER STATE FINANCINGS

Other State financings relate to the issuance of debt by a public authority, including capital leases, mortgage loan commitments and MBBA prior year school aid claims. Regarding the MBBA prior year school aid claims, the municipality assigns specified State and local assistance payments it receives to the issuer or the bond trustee to ensure that debt service payments are made. The State has no legal obligation to make any debt service payments or to continue to appropriate local assistance payments that are subject to the assignment.

BORROWING PLAN

STATE DEBT ISSUANCES BY FINANCING PROGRAM (millions of dollars)						
	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>
Personal Income Tax Revenue Bonds	2,997	3,637	3,684	3,994	2,870	2,480
Sales Tax Revenue Bonds	0	1,122	1,156	1,190	1,226	1,263
General Obligation Bonds	396	379	299	111	66	66
Dedicated Highway & Bridge Trust Fund Bonds ¹	0	0	0	0	559	554
SUNY Dormitory Facilities Bonds	226	0	0	0	0	0
Total Issuances	3,619	5,138	5,138	5,296	4,721	4,362

¹ May also be issued under the State PIT or Sales Tax Revenue Bond financing programs.

Debt issuances of \$5.1 billion are planned to finance new capital project spending in FY 2014, an increase of \$1.5 billion (42 percent) from FY 2013. It is anticipated that the State will finance capital projects through PIT Revenue Bonds, Sales Tax Revenue Bonds and general obligation bonds in FY 2014. PIT and Sales Tax issuances will include capital projects previously financed through the Dedicated Highway and Bridge Trust Fund Bonds credit and Mental Health Facilities Improvement Revenue Bonds credit. The SUNY residence hall program will be financed with the new SUNY Dormitory Facilities credit that was authorized in the Enacted Budget.

The bond issuances will finance capital commitments for transportation infrastructure (\$1.9 billion), education (\$1.7 billion), health and mental hygiene (\$459 million), economic development (\$424 million), the environment (\$362 million), and State facilities and equipment (\$323 million).

Over the next five years, new debt issuances are projected to total \$24.7 billion. New issuances are primarily for transportation infrastructure (\$7.9 billion), education facilities (\$8.0 billion), economic development (\$4.1 billion), the environment (\$1.6 billion), mental hygiene and health care facilities (\$1.6 billion), and State facilities and equipment (\$1.5 billion).

The State expects to finance all of its bond-financed capital needs in FY 2014 through only three highly-rated programs – PIT Revenue Bonds, Sales Tax Revenue Bonds, and general obligation bonds. Assuming an issuance plan consistent with the prior table the State projects debt outstanding levels through 2017 to be as follows:

PROJECTED DEBT OUTSTANDING BY CREDIT (millions of dollars)						
	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	
Personal Income Tax Revenue Bonds	26,500,910	28,907,626	31,310,944	33,866,558	35,154,391	
Sales Tax Revenue Bonds	0	1,101,999	2,200,581	3,299,075	4,395,877	
General Obligation Bonds	3,524,140	3,570,379	3,548,410	3,351,288	3,124,540	
Local Government Assistance Corp.	2,835,683	2,592,380	2,345,040	2,058,400	1,758,175	
Other Revenue Bonds	11,088,975	10,252,230	9,416,145	8,648,040	8,439,415	
Service Contract & Lease Purchase	8,584,237	7,668,385	6,757,816	5,853,908	5,048,561	
TOTAL STATE-SUPPORTED	52,533,944	54,093,000	55,578,935	57,077,267	57,920,960	

STATE-RELATED DEBT SERVICE REQUIREMENTS

The following table presents the current and future debt service (principal and interest) requirements on State-related debt outstanding as of March 31, 2013. The requirements of LGAC and other financing obligations of public authorities are based on the gross amounts due from the authorities to bondholders within the fiscal year when such authorities make the payments. The amounts shown do not reflect other associated costs or revenues anticipated to be available, such as interest earnings, capitalized interest or debt service reserve fund releases. Thus, the requirements shown are generally in excess of the amounts expected to be actually paid by the State during its fiscal year.

ESTIMATED DEBT SERVICE REQUIREMENTS ON EXISTING STATE-RELATED DEBT BY CREDIT STRUCTURE ¹ (millions of dollars)							
	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	Total	
Personal Income Tax Revenue Bonds	2,330	2,501	2,383	2,348	2,323	11,885	
General Obligation Bonds	487	479	439	405	372	2,182	
Local Government Assistance Corporation	389	385	378	385	385	1,922	
Other State-Supported Bonds	2,932	2,687	2,595	2,438	2,247	12,899	
Tobacco Bonds ²	408	446	445	445	444	2,188	
All Other State-Related Bonds	122	111	112	119	95	559	
Total Debt Service	6,668	6,609	6,352	6,140	5,866	31,635	

Source: NYS DOB.

Reflects debt issued as of March 31, 2013. Estimated debt service requirements are calculated based on swap rates in effect for all bonds that were synthetically fixed under an interest rate exchange agreement. Debt service requirements for variable rate bonds for which there are no related interest rate exchange agreements were calculated at rates of 3.50 percent.

Estimated debt service numbers are based on available information as of March 31, 2013. Since 2006 certain monies expected to flow to the State under the Master Settlement Agreement have been withheld and placed in a Dispute Payment Account. Pending the outcome of a resolution between participating manufacturers and the states, the debt service numbers will be adjusted accordingly.

INTEREST RATE EXCHANGE AGREEMENTS AND NET VARIABLE RATE OBLIGATIONS

Chapter 81 of the Laws of 2002 authorized issuers of State-supported debt to issue a limited amount of variable rate debt instruments and to enter into a limited amount of interest rate exchange agreements. The current limit on debt instruments which result in a net variable rate exposure (i.e., both variable rate debt and interest rate exchange agreements) is no more than 15 percent of total outstanding State-supported debt. Interest rate exchange agreements are also limited to a total notional amount of no more than 15 percent of total outstanding State-supported debt. The outstanding State-supported debt of \$52.5 billion as of March 31, 2013 results in a cap on variable rate exposure and a cap on interest rate exchange agreements of about \$8 billion each (15 percent of total outstanding State-supported debt). As discussed below, as of March 31, 2013, both the amount of outstanding variable rate debt instruments and interest rate exchange agreements were less than the authorized totals of 15 percent of total outstanding State-supported debt.

INTEREST RATE EXCHANGE AGREEMENTS

As of March 31, 2013, the State's Authorized issuers have a notional amount of \$2.0 billion in interest rate exchange agreements. The following table shows the amount of outstanding interest rate exchange agreements which are subject to the statutory cap. Overall, the State's swap exposure is expected to decline from 3.9 percent in FY 2013 to 2.7 percent in FY 2018.

INTEREST RATE EXCHANGE CAP (millions of dollars)					
	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>
Interest Rate Exchange Cap	7,880	8,114	8,337	8,562	8,688
Notional Amounts of Interest Rate Exchange Agreements	2,045	2,014	1,927	1,820	1,683
Percent of Interest Rate Exchange Agreements to Debt Outstanding	3.9%	3.7%	3.5%	3.2%	2.9%

Currently the State's swaps portfolio is comprised of synthetic fixed rate swaps. A synthetic fixed swap includes two separate transactions: (1) a variable rate bond is sold to bondholders, and (2) an interest rate exchange agreement between the State and a counterparty is executed. The interest rate exchange agreement results in the State paying a fixed interest rate (i.e., synthetic fixed rate) to the counterparty and the counterparty agrees to pay the State a variable rate (65 percent of LIBOR for all State swaps). The variable rate the State pays to bondholders and the variable rate the State is receiving from the counterparty off-set each other, leaving the State with the synthetic fixed rate payment. The synthetic fixed rate was less than the fixed rate the State would have paid to issue traditional fixed rate bonds at that time.

At this time, the State has no plans to increase its swap exposure, and may take further actions to reduce swap exposures commensurate with variable rate restructuring efforts.

NET VARIABLE RATE OBLIGATIONS

The State's net variable rate exposure (including a policy reserve) is projected to average 1.6 percent of outstanding debt from FY 2013 through FY 2017. The debt that is charged against the variable rate cap represents the State's unhedged variable rate bonds. The variable rate bonds that are issued in connection with a swap are not included in the variable rate cap, as discussed previously in the "Interest Rate Exchange Agreements" section.

The State's current policy is to count 35 percent of the notional amount of outstanding 65 percent of LIBOR fixed rate swaps in its variable rate exposure. This policy reserve accounts for the potential that tax policy or market conditions could result in significant differences between payments owed on the bonds and the amount received by the State under its 65 percent of LIBOR swaps, and that the factors affecting such payments can be consistent with variable rate exposure.

(millions of dollars)						
	<u>FY 2013</u>	<u>FY 2014</u>	FY 2015	FY 2016	<u>FY 2017</u>	
Variable Rate Exposure Cap	7,880	8,114	8,337	8,562	8,688	
Current Unhedged Variable Rate Obligations	214	204	193	182	173	
Convertible Bonds ¹	0	0	0	0	0	
Synthetic Variable Rate Swaps	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
Total Net Variable Rate Exposure	214	204	193	182	173	
Net Variable Rate Exposure to Debt Outstanding	0.4%	0.4%	0.3%	0.3%	0.3%	
Current Policy Reserve for LIBOR Swaps	716	705	674	637	589	
Net Variable Rate Exposure (with Policy Reserve)	930	909	868	819	762	
Net Variable Rate Exposure (with Policy Reserve) to Debt Outstanding	1.8%	1.7%	1.6%	1.4%	1.3%	

The State has no plans to issue additional variable rate debt at this time, and may further reduce existing variable rate exposure.

FOR MORE INFORMATION

Additional information on the State's debt portfolio is available on DOB's public website (<u>www.budget.ny.gov</u>). The Investor's Guide section of the site contains information on New York State bonds including: the State's bond issuance schedule which is updated periodically; swap and variable rate capacity reports; variable rate trading activity; and State PIT Revenue Bond debt service and debt outstanding.

Section 1: Subsection C

"STATE ORGANIZATION" (INCLUDING STATE EMPLOYMENT) EXTRACT FROM AIS

STATE ORGANIZATION SELECTED STATE GOVERNMENT SUMMARY

SELECTED STATE GOVERNMENT SUMMARY

STATE GOVERNMENT ORGANIZATION

The State has a centralized administrative system with most executive powers vested in the Governor. The State has four officials elected in statewide elections, the Governor, Lieutenant Governor, Comptroller and Attorney General. These officials serve four-year terms that next expire on December 31, 2014.

<u>Name</u>	Office	Party Affiliation	First Elected
Andrew M. Cuomo	Governor	Democrat	2010
Robert J. Duffy	Lieutenant Governor	Democrat	2010
Thomas P. DiNapoli	Comptroller	Democrat	2007
Eric T. Schneiderman	Attorney General	Democrat	2010

The Governor and Lieutenant Governor are elected jointly. The Comptroller and Attorney General are chosen separately by the voters during the election of the Governor. The Governor appoints the heads of most State departments, including the Director of the Budget (the current Director is Robert L. Megna). DOB is responsible for preparing the Governor's Executive Budget, negotiating that budget with the State Legislature, and implementing the budget once it is adopted, which includes updating the State's fiscal projections quarterly. DOB is also responsible for coordinating the State's capital program and debt financing activities. The Comptroller is responsible for auditing the disbursements, receipts and accounts of the State, as well as for auditing State departments, agencies, public authorities and municipalities. The Comptroller is also charged with managing the State's general obligation debt and most of its investments (see "Appropriations and Fiscal Controls" and "Investment of State Moneys" below). The Attorney General is the legal advisor to State departments, represents the State and certain public authorities in legal proceedings and opines upon the validity of all State general obligation bonds and notes.

The State Legislature is presently composed of a 63-member Senate¹ and a 150-member Assembly, all elected from geographical districts for two-year terms, expiring December 31, 2014. Both the Senate and the Assembly operate on a committee system. The Legislature meets annually, generally for about six months, and remains formally in session the entire year. In recent years there have been special sessions, as well. The current majority coalition leaders in the Senate are co-President Pro Tempore Dean Skelos (Republican) and co-President Pro Tempore Jeffrey Klein (Independent Democratic Conference). Sheldon Silver (Democrat) is the Speaker of the Assembly. The minority leaders are Andrea Stewart-Cousins (Democrat) in the Senate and Brian Kolb (Republican) in the Assembly.

¹ On May 3, 2012, the State's highest court, the Court of Appeals, approved the creation of a 63rd New York State Senate seat as advanced by the Senate majority and based on Census population changes.

APPROPRIATIONS AND FISCAL CONTROLS

The State Constitution requires the Comptroller to audit the accrual and collection of State revenues and receipts and to audit vouchers before payment and all official accounts. Generally, no State payment may be made unless the Comptroller has audited it. Additionally, the State Constitution requires the Comptroller to prescribe such methods of accounting as are necessary for the performance of the foregoing duties.

Disbursements from State funds are limited to the level of authorized appropriations. Disbursements from Federal funds must be appropriated in accordance with appropriate legal authority, are limited to the amounts anticipated from Federal programs and may not be made in the absence of appropriate certifications from the Director of the Budget. Generally, most State contracts for disbursements in excess of \$50,000 (or \$85,000 in the case of the Office of General Services) require prior approval by the Comptroller. However, certain contracts, primarily of SUNY and CUNY, and those established as a centralized contract through the Office of General Services, are not subject to approval by the Comptroller, and certain other contracts are subject to higher thresholds. In most cases, State agency contracts depend upon the existence of an appropriation and the issuance of a certificate of availability by the Director of the Budget. The Budget Director must review all applications for State participation in continuing grant- or contract-supported programs, with specified exceptions. Certain legislative leaders have the opportunity to make recommendations on the applications. In addition, the Comptroller has the discretion to identify and review certain public authority contracts valued at \$1.0 million or greater that are either awarded without competition or which are paid using State-appropriated funds.

Appropriations may be increased or decreased in accordance with statutory authority under certain circumstances by transfer, interchange or otherwise. In addition, appropriations may be increased or decreased by statutory amendment or by supplemental appropriations. Moneys or other financial resources from one fund may also be loaned to another fund, but only if such loan is repaid in full prior to the end of the month in which the loan was made, except as provided by law. Pursuant to authority contained in most State operations appropriations for FY 2014, the Director of the Budget is also allowed to interchange, transfer, or suballocate such appropriation authority to other agencies in order to achieve the consolidation and realignment of certain State operations.

In addition, the Governor has traditionally exercised substantial authority in administering the State Financial Plan by limiting certain disbursements after the Legislature has enacted appropriation bills and revenue measures. The Governor may, primarily through DOB, limit certain spending by State departments, and delay construction projects to control disbursements using the Director of the Budget's certification process. An important limitation of the Governor's ability to restrict disbursements is that local assistance payments, which typically make up close to 70 percent of General Fund disbursements (including operating transfers to other funds), are generally mandated by statute. The State Court of Appeals has held that, even in an effort to maintain a balanced Financial Plan, neither the Governor nor the Director of the Budget has the authority to refuse to make a local assistance disbursement mandated by law.

INVESTMENT OF STATE MONEYS

The Comptroller is responsible for the investment of substantially all State moneys. By law, such moneys may be invested only in obligations issued or guaranteed by the Federal government or the State, obligations of certain Federal agencies that are not guaranteed by the Federal government, certain general obligations of other states, direct obligations of the State's municipalities and obligations of certain public authorities, certain short-term corporate obligations, certain bankers' acceptances, and certificates of deposit secured by legally qualified governmental securities. All securities in which the State invests moneys held by funds administered within the State Treasury must mature within twelve years of the date they are purchased. Money impounded by the Comptroller for payment of TRANs may only be invested, subject to the provisions of the State Finance Law, in (i) obligations of or obligations guaranteed by agencies of the Federal government as to which the payment of principal and interest is guaranteed by the Federal government.

The Comptroller invests General Fund moneys, bond proceeds, and other funds not immediately required to make payments through STIP, which is comprised of joint custody funds (Governmental Funds, Internal Service Funds, Enterprise Funds and Private Purpose Trust Funds), as well as several sole custody funds including the Tobacco Settlement Fund. The interest earnings accrued are allocated and deposited to the credit of those funds with positive balances that contribute to the overall invested STIP pool.

The Comptroller is authorized to make temporary loans from STIP to cover temporary cash shortfalls in certain funds and accounts resulting from the timing of receipts and disbursements. The Legislature authorizes the funds and accounts that may receive loans each year, based on legislation submitted with the Executive Budget. Loans may be granted only for amounts that the Director of the Budget certifies are "receivable on account" or can be repaid from the current operating receipts of the fund (i.e., loans cannot be granted in expectation of future revenue enhancements). The General Fund is authorized to receive temporary loans from STIP for a period not to exceed four months or the end of the fiscal year, whichever is shorter.

The State Comptroller repays loans from the first cash receipts into the borrowing fund or account. Fund balances outside the General Fund are presented on a net basis, i.e., they are reduced by the amount of outstanding temporary loans from STIP. The primary sources of the State's temporary loans include timing-related delays in the receipt from Federal Funds and the sale of bonds used to finance capital projects, a delinquent SUNY hospital loan, and unreimbursed costs related to the Office of Information Technology Services (OITS) Internal Service funds. The total outstanding balance of loans from STIP at March 31, 2012 was \$1.765 billion, an increase of \$109 million from the outstanding loan balance of \$1.656 billion at March 31, 2011.

ACCOUNTING PRACTICES, FINANCIAL REPORTING AND BUDGETING

Historically, the State has accounted for, reported and budgeted its operations on a cash basis. Under this form of accounting, receipts are recorded at the time money or checks are deposited in the State Treasury, and disbursements are recorded at the time a check or electronic payment is released. As a result, actions and circumstances, including discretionary decisions by certain governmental officials, can affect the timing of payments and deposits and therefore can significantly affect the cash amounts reported in a fiscal year. Under cash-basis accounting, all estimates and projections of State receipts and disbursements relating to a particular fiscal year are of amounts to be deposited in or disbursed from the State Treasury during that fiscal year, regardless of the fiscal period to which particular receipts or disbursements may otherwise be attributable.

The State also has an accounting and financial reporting system based on GAAP and currently formulates a GAAP financial plan. GAAP for governmental entities requires use of the accrual basis of accounting for the government-wide financial statements which includes governmental and business-type activities and component units. Revenues are recorded when they are estimated to have been earned and expenses are recorded when a liability is estimated to have been incurred, regardless of the timing of related cash flows. Governmental fund financial statements are prepared using the modified accrual basis of accounting. Under modified accrual procedures, revenues are recorded when they become both measurable and available within 12 months of the end of the current fiscal period to finance expenditures; expenditures are recorded in the accounting period for which the liability is incurred to the extent it is expected to be paid within the next 12 months with the exception of expenditures such as debt service, compensated absences, and claims and judgments. Expenditure-driven grants are recognized as revenue when the qualifying expenditures have been incurred and all other grant requirements have been met. Non-exchange grants and subsidies such as local assistance grants and public benefit corporation subsidies are recognized as expenditures when all requirements of the grant and or subsidy have been satisfied.

STATE GOVERNMENT EMPLOYMENT

As of March 31, 2013, the State had approximately 180,802 full-time equivalent annual salaried employees funded from all funds including some part-time and temporary employees, independentlyelected agencies and university systems, but excluding seasonal, legislative and judicial employees. The workforce is now substantially smaller than it was in 1990, when it peaked at approximately 230,000 positions. The State workforce is projected to total 181,305 positions at the end of FY 2014. The State workforce subject to direct Executive control is expected to total 120,468 full time equivalent positions at the end of FY 2014.

The State Public Employment Relations Board defines negotiating units for State employees. GOER conducts collective bargaining negotiations with the State's unions, with the exception of employees of the Judiciary, public authorities and the Legislature. Such negotiations include terms and conditions of employment, except pension benefits. The State has a five-year labor contract with the State's largest State employee union, CSEA as well as UUP, and a four-year labor contract with the State's second largest State employee union, PEF. Additionally, the State reached agreements with NYSPBA (representing the APSU bargaining unit, formerly ALES) for FY 2006 through FY 2015; and NYSCOPBA and Council 82 for FY 2010 through FY 2016. The State is currently engaged in negotiations with other unions, which represent approximately 10 percent of the State workforce.

While approximately 94 percent of the State workforce is unionized, the remainder of the workforce is designated as "managerial" or "confidential" (M/C) and is excluded from collective bargaining. The results of collective bargaining negotiations have historically been applied to all State employees within the Executive Branch. However, general salary increases were withheld from M/C employees in FY 2010 and FY 2011. Under the State's Taylor Law, the general statute governing public employee-employer relations in the State, employees are prohibited from striking. A strike against the State last occurred in 1979 by employees of the Department of Corrections and Community Supervision.

	ALL FUNDS	
Date	Subject to Direct Executive Control	Grand Total
3/31/2008	137,680	195,239
3/31/2009	136,495	195,329
3/31/2010	131,741	191,195
3/31/2011	125,787	183,921
2/29/2012*	119,579	179,598
3/31/2013	119,756	180,802

actual FY 2012 year-end payroll.

ALL FUNDS	WORKFORCE SUMMARY ALL FUNDS FY 2012 THROUGH FY 2014						
PY 2012 THROUGH	FY 2014						
	2011-12 Actuals (02/29/12)	2012-13 Actuals (03/31/13)	2013-14 Estimate (03/31/14)				
Major Agencies							
Children and Family Services, Office of	3,093	3,068	2,855				
Corrections and Community Supervision, Department of	29,387	29,443	29,491				
Education Department, State	2,590	2,618	2,765				
Environmental Conservation, Department of	2,981	2,901	2,916				
Financial Services, Department of	1,337	1,242	1,337				
General Services, Office of	1,298	1,306	1,439				
Health - MA Administration	0	0	840				
Health, Department of	4,761	4,546	4,180				
Information Technology Services, Office of	537	3,726	3,890				
Labor, Department of	3,717	3,615	3,612				
Mental Health, Office of	14,822	14,538	15,248				
Motor Vehicles, Department of	2,378	2,243	2,215				
Parks, Recreation and Historic Preservation, Office of	1,735	1,731	1,719				
People with Developmental Disabilities, Office for	20,299	20,116	18,585				
State Police, Division of	5,187	5,222	5,408				
Taxation and Finance, Department of	4,910	4,352	4,379				
Temporary and Disability Assistance, Office of	2,039	1,834	1,899				
Transportation. Department of	8,974	8,687	8,337				
Workers' Compensation Board	1,306	1,167	1,220				
Subtotal - Major Agencies							
Subtotal - Major Agencies	111,351	112,355	112,335				
Minor Agencies	8,228	7,401	8,133				
Subtotal - Subject to Direct Executive Control	119,579	119,756	120,468				
University Systems							
City University of New York	12,961	13,437	13,024				
State University Construction Fund	151	150	152				
State University of New York	42,800	43,243	43,249				
Subtotal - University Systems	55,912	56,830	56,425				
Independently Elected Agencies							
Audit and Control, Department of	2,410	2,476	2,614				
Law, Department of	1,697	1,740	1,798				
Subtotal - Independently Elected Agencies	4,107	4,216	4,412				
Grand Total	179,598	180,802	181,305				
Source: NYS DOB.							

Section 1: Subsection D

"STATE RETIREMENT SYSTEMS" EXTRACT FROM AIS

State Retirement Systems

GENERAL

This section summarizes key information regarding the New York State and Local Retirement System (NYSLRS or the "Systems") and the Common Retirement Fund (CRF), a pooled investment vehicle in which the assets of the Systems are held and invested. Greater detail, including the independent auditor's report for the fiscal year ending March 31, 2012, is included in NYSLRS' Comprehensive Annual Financial Report (NYSLRS' CAFR) for the fiscal year ended March 31, 2012. The Systems Actuary's Annual Report to the Comptroller on Actuarial Assumptions - the contents of which explain the methodology used to determine employer contribution rates to the Systems - issued from 2007 through 2012, as well as NYSLRS' CAFR and Asset Listing, the NYSLRS' CAFR for each of the nine prior fiscal years, and benefit plan booklets describing how each of the Systems' tiers works are all available and can be accessed at <u>www.osc.state.ny.us/retire/publications</u>. For the fiscal year ending March 31, 2013, the Systems' audited Financial Statements will be available on the OSC website after July 31, 2013 and the NYSLRS' CAFR will be available by September 30, 2013.

The State Comptroller is the administrative head of NYSLRS, which has the powers and privileges of a corporation and comprises the New York State and Local Employees' Retirement System (ERS) and the New York State and Local Police and Fire Retirement System (PFRS). The State Comptroller promulgates rules and regulations for the administration and transaction of the business of the Systems. Pursuant to the State's Retirement and Social Security Law and Insurance Law, NYSLRS is subject to the supervision of the Superintendent of the New York State Department of Financial Services. The State Comptroller is also the trustee and custodian of the CRF, a trust created pursuant to the Retirement and Social Security Law, and, as such, is responsible for investing the assets of the Systems. Consistent with statutory limitations affecting categories of investment, the State Comptroller, as trustee of the CRF, establishes a target asset allocation and approves policies and procedures to guide and direct the investment activities of the Division of Pension Investment and Cash Management of the Office of the State Comptroller ("Division"). Division employees, outside advisors, consultants and legal counsel provide the State Comptroller with advice and oversight of investment decisions. Outside advisors and internal investment staff must sign off on investment decisions before final action by the State Comptroller. The Investment Advisory Committee and the Real Estate Advisory Committee, both made up of outside advisors, assist the State Comptroller in his investment duties. The Investment Advisory Committee advises the State Comptroller on investment policies relating to the CRF, reviews the portfolio of the CRF and makes such recommendations as the Committee deems necessary. The Real Estate Advisory Committee reviews and must approve mortgage and real estate investments for consideration by the State Comptroller.

THE SYSTEMS

The Systems provide pension benefits to public employees of the State and its localities (except employees of New York City and teachers, who are covered by separate plans). State employees made up about 32 percent of the membership during FY 2012. There were 3,332 other public employers participating in the Systems, including all cities and counties (except New York City), most towns, villages and school districts (with respect to non-teaching employees), and many public authorities.

As of March 31, 2013, approximately 648,000 persons were members of the Systems and approximately 413,000 pensioners or beneficiaries were receiving pension benefits. Article 5, section 7 of the State Constitution considers membership in any State pension or retirement system to be "a contractual relationship, the benefits of which shall not be diminished or impaired."

COMPARISON OF BENEFITS BY TIER

The Systems' members are categorized into six tiers depending on date of membership. As of March 31, 2013, approximately 83 percent of ERS members were in Tiers 3 and 4 and approximately 90 percent of PFRS members were in Tier 2. Tier 5 was enacted in 2009 and included significant changes to the benefit structure for ERS members joining on or after January 1, 2010 and PFRS members joining on or after January 9, 2010. Tier 6 was enacted in 2012 and included further changes to the benefit structure for ERS members joining on or after April 1, 2012.

Benefits paid to members vary depending on tier. Tiers vary with respect to vesting, employee contributions, retirement age, reductions for early retirement, and calculation and limitation of "final average salary" – generally the average of an employee's three consecutive highest years' salary (for Tier 6 members, final average salary is determined by taking the average of an employee's five consecutive highest years' salary). ERS members in Tiers 3 and 4 can begin receiving full retirement benefits at age 62, or at age 55 with at least 30 years of service. The amount of the benefit is based on years of service, age at retirement and the final average salary earned. The majority of PFRS members in Tier 2 are in special plans that permit them to retire after 20 or 25 years regardless of age. Charts comparing the key benefits provided to members of ERS and PFRS in most of the tiers of the Systems can be accessed at http://www.osc.state.ny.us/retire/employers/tier-6/index.php.

2010 RETIREMENT INCENTIVE PROGRAM

Legislation enacted in June 2010 provided the State and local employers with the option to offer a temporary Retirement Incentive Program for certain ERS members for periods ending no later than December 31, 2010. This program did not apply to PFRS members. The Program had two distinct parts:

- Part A was a targeted incentive. Employers identified eligible titles. Part A provided one additional month of service credit for each year of credited service an eligible member had at retirement. The maximum additional incentive service credit was three years.
- Part B was not targeted. It was open to all eligible Tier 2, 3 and 4 members unless an employer deemed a member's position critical to the maintenance of public health and safety. Part B allowed members who were at least age 55 and had 25 years or more of service credit to retire without a benefit reduction.

Participating members whose employer offered both parts of the program, and who met the eligibility requirements of both parts, had to choose between the two. The cost of the incentive is borne by the State and each participating employer electing the incentive over a five-year period commencing with a payment in FY 2012. The number of members who retired under the State Early Retirement Incentive (ERI) is approximately 6,400. Three hundred ninety-nine (399) participating employers elected to participate in Part A of the ERI. Two hundred eleven (211) participating employers elected to participate in Part B of the ERI. Five thousand four hundred fifty-three (5,453) members from participating employers retired under the ERI.

CONTRIBUTIONS AND FUNDING

Contributions to the Systems are provided by employers and employees. Employers contribute on the basis of the plan or plans they provide for members. All ERS members joining from mid-1976 through 2009 are required to contribute 3 percent of their salaries for the first ten years of membership. All ERS members joining after 2009, and most PFRS members joining after January 9, 2010, are members of Tier 5 and are required to contribute 3 percent of their salaries for their career. However, if a participating employer had a collective bargaining agreement in effect when Tier 5 became effective (January 9, 2010) that provided for PFRS members to be non-contributory, individuals who first became Tier 5 members prior to the expiration of the agreement are non-contributory in their plan for their career. Individuals who first became Tier 5 members after the expiration of the current collective bargaining agreement are subject to the 3 percent contribution for their career. Members in Tier 6 are required to pay contributions throughout their career on a stepped basis relative to each respective member's wages. Members in Tier 6 of both ERS and PFRS earning \$45,000 or less must contribute 3 percent of their gross annual wages; members earning between \$45,001 and \$55,000 will contribute 3.5 percent; members earning between \$55,001 and \$75,000 will contribute 4.5 percent; members earning between \$75,001 and \$100,000 will contribute 5.75 percent; and, those earning in excess of \$100,000 will contribute 6 percent of their gross annual salary.

The CRF experienced significant investment losses in FY 2009. These investment losses negatively impacted the value of assets held by the CRF for the Systems. In order to protect employers from potentially volatile contributions tied directly to the value of the Systems' assets held by the CRF, the Systems utilize a multi-year smoothing procedure. One of the factors used to calculate employer contribution requirements is the assumed investment rate of return used by the Systems Actuary, which is currently 7.5 percent. The current actuarial smoothing method spreads the impact of gains or losses above or below the 7.5 percent assumed investment rate of return over a 5-year period. Thus, because of the significant investment loss in FY 2009, employer contribution rates increased for FY 2011, FY 2012, FY 2013 and FY 2014 and a further increase is expected for FY 2015. The amount of future annual employer contribution rates will depend, in part, on the value of the assets held by the CRF as of each April 1, as well as on the present value of the anticipated benefits to be paid by the Systems as of each April 1. Final contribution rates for FY 2014 were released in early September 2012. The average ERS rate increased from 18.9 percent of salary in FY 2013 to 20.9 percent of salary in FY 2014, while the average PFRS rate increased from 25.8 percent of salary in FY 2013 to 28.9 percent of salary in FY 2014. Information regarding average rates for FY 2014 may be found in the 2012 Annual Report to the Comptroller on Actuarial Assumptions which is accessible at www.osc.state.ny.us/retire/publications.

Legislation enacted in May 2003 realigned the Systems' billing cycle to match participating local governments' budget cycles and also instituted a minimum annual payment of at least 4.5 percent of payroll every year. The employer contribution for a given fiscal year is based in part on the value of the CRF's assets and its liabilities on the preceding April 1. Chapter 260 of the Laws of 2004 authorized employers to amortize over ten years, at 5 percent interest, a portion of their annual bill for FY 2005, FY 2006 and FY 2007. As of March 31, 2013, the amortized amount receivable pursuant to Chapter 260 from the State is \$175.5 million and from participating employers is \$47.0 million. The State paid \$1,406.7 million in contributions (including Judiciary) for FY 2013 including amortization payments of approximately \$87.1 million pursuant to Chapter 260.

Legislation enacted in 2010 authorized the State and participating employers to amortize a portion of their annual pension costs during periods when actuarial contribution rates exceed thresholds established by the statute. Amortized amounts must be paid by State and participating employers in equal annual installments over a ten-year period, and employers may prepay these amounts at any time without

penalty. Employers are required to pay interest on the amortized amounts at a rate determined annually by the State Comptroller that is comparable to taxable fixed income investments of a comparable duration. The interest rate on the amount an employer chooses to amortize in a particular rate year is fixed for the duration of the ten-year repayment period. Should the employer choose to amortize in the next rate year, the interest rate on that amortization will be the rate set for that year. For amounts amortized in FY 2011, the State Comptroller set an interest rate of 5 percent. For amounts amortized in FY 2012, the interest rate is 3.75 percent. For amounts amortized in FY 2013, the rate is 3 percent. The first payment is due in the fiscal year following the decision to amortize pension costs. When contribution rates fall below legally specified levels and all outstanding amortizations have been paid, employers that elected to amortize will be required to pay additional monies into reserve funds, specific to each employer, which will be used to offset their contributions in the future. These reserve funds will be invested separately from pension assets. Over time, it is expected that this will reduce the budgetary volatility of employer contributions. As of March 31, 2012, the amortized amount receivable for the 2011 amortization is \$208.9 million from the State and \$36.3 million from participating employers and the amortized amount receivable for the 2012 amortization is \$515.4 million from the State and \$191.8 million from the participating employers. In FY 2013, the State elected to amortize \$778.5 million and 137 participating employers amortized a total of \$368.9 million.

The FY 2014 Enacted Budget included an alternate contribution program (the "Alternate Contribution Stabilization Program") that provides certain participating employers with a one-time election to amortize slightly more of their required contributions than would be available for amortization under the 2010 legislation. In addition, the maximum payment period is increased from ten years to twelve years. The election is available to counties, cities, towns, villages, BOCES, school districts and the four public health care centers operated in the counties of Nassau, Westchester and Erie. The State is not eligible to participate in the Alternate Contribution Stabilization Program.

Eligible employers have a one-time only option to elect to participate in the Alternate Contribution Stabilization Program, which begins with FY 2014. For those eligible employers electing the Alternate Contribution Stabilization Program, the graded contribution rate for fiscal years ending 2014 and 2015 is 12 percent of salary for ERS and 20 percent of salary for a PFRS. Thereafter, the graded contribution rate will increase one half of one percent per year towards the actuarially required rate. Electing employers may amortize the difference between the graded rate and the actuarially required rate over a twelve year period at an interpolated twelve year Treasury Security rate. As with the original Contribution Stabilizations have been paid, employers that elect to amortize under the alternate program will be required to pay additional monies into reserve funds, specific to each employer, which will be used to offset their contributions in the future.

The estimated State payment (including Judiciary) for FY 2014 is \$2,717.7 million. The State has prepaid \$132.8 million and has been credited with the related interest adjustment. If the State (including Judiciary) opts to amortize the maximum amount permitted, it would reduce the required March 1, 2014 payment by \$938.0 million. The State payment for FY 2014 is an estimate. If this amount changes, then the amount that can be amortized would also change. Amounts amortized are treated as receivables for purposes of calculating assets of the CRF.

PENSION ASSETS AND LIABILITIES

The Systems' assets are held by the CRF for the exclusive benefit of members, pensioners and beneficiaries. Investments for the Systems are made by the State Comptroller as trustee of the CRF. The Systems report that the net assets available for benefits as of March 31, 2012 were \$153.4 billion (including \$3.5 billion in receivables, which consist of employer contributions, amortized amounts, member contributions, member loans, accrued interest and dividends, investment sales and other miscellaneous receivables), an increase of \$3.9 billion or 2.6 percent from the FY 2011 level of \$149.5 billion. The increase in net assets available for benefits from FY 2011 to FY 2012 reflects, in large part, equity market performance. The valuation used by the Systems Actuary will be based on audited net assets available for benefits as of March 31, 2013 and will be included in the NYSLRS' CAFR for that fiscal year. Based on unaudited data for invested assets, the Systems estimate an approximate gain of 10.38 percent for FY 2013.

Consistent with statutory limitations affecting categories of investment, the State Comptroller, as trustee of the CRF, establishes a target asset allocation and approves policies and procedures to guide and direct the investment activities of the Division of Pension Investment and Cash Management. The purpose of this asset allocation strategy is to identify the optimal diversified mix of assets to meet the requirements of pension payment obligations to members. In the fiscal year ended March 31, 2010, an asset liability analysis was completed and a long-term policy allocation was adopted. The current long-term policy allocation seeks a mix that includes 43 percent equities (30 percent domestic and 13 percent international); 22 percent bonds, cash and mortgages; 8 percent inflation indexed bonds and 27 percent alternative investments (10 percent private equity, 6 percent real estate, 4 percent absolute return or hedge funds, 4 percent opportunistic and 3 percent real assets). Since the implementation of the long-term policy allocation will take several years, transition targets have been established to aid in the asset rebalancing process.²

The Systems report that the present value of anticipated benefits for current members, retirees, and beneficiaries increased from \$194.3 billion on April 1, 2011 to \$198.6 billion (including \$89.3 billion for current retirees and beneficiaries) on April 1, 2012. The funding method used by the Systems anticipates that the net assets, plus future actuarially determined contributions, will be sufficient to pay for the anticipated benefits of current members, retirees and beneficiaries. Actuarially determined contributions are calculated using actuarial assets and the present value of anticipated benefits. Actuarial assets differed from net assets on April 1, 2012 in that amortized cost was used instead of market value for bonds and mortgages, and the non-fixed investments utilized a smoothing method which recognized 20 percent of the unexpected loss for FY 2012, 40 percent of the unexpected loss for FY 2011, 60 percent of the unexpected gain for FY 2010 and 80 percent of the unexpected loss for FY 2009³. Actuarial assets decreased from \$148.6 billion on April 1, 2011 to \$147.8 billion on April 1, 2012. The funded ratio, as of April 1, 2012, calculated by the Systems Actuary in August 2012 using the entry age normal funding method and actuarial assets, was 87 percent⁴.

² More detail on the CRF's asset allocation as of March 31, 2012, long-term policy allocation and transition target allocation can be found on page 72 of the NYSLRS' CAFR for the fiscal year ending March 31, 2012.

³ The current actuarial smoothing method spreads the impact of gains or losses above or below the 7.5 percent assumed investment rate of return over a 5-year period.

⁴ Detail on the funded ratios of ERS and PFRS as of April 1 for each of the 5 years previous to the fiscal year ended March 31, 2012 can be found on page 54 of the NYSLRS' CAFR for the fiscal year ending March 31, 2012. Detail regarding employers' Annual Required Contributions for FY 2012 and each of the five previous fiscal years can be found on page 55 of the NYSLRS' CAFR for the fiscal year ending March 31, 2012.

In June 2012, GASB approved two related Statements that make changes to the accounting and financial reporting of pensions by state and local governments and pension plans. These statements impact neither the Systems' actuarial method nor the calculation of rates.

Statement No. 67, Financial Reporting for Pension Plans, addresses financial reporting for state and local government pension plans. Statement No. 68, Accounting and Financial Reporting for Pensions, establishes new accounting and financial reporting requirements for governments that provide their employees with pensions.

The standards for public plans' financial statements go into effect for fiscal years beginning on or after June 15, 2013 (e.g. NYSLRS March 31, 2015 financial statement). The standards for employers are effective for fiscal years beginning on or after June 15, 2014. For example, it would be effective for the State's fiscal year ending March 31, 2016.

Under the new standards, participating employers will be required to report a new liability (Net Pension Liability) in their financial statements. The Systems are currently evaluating the impact of the new standards and implementation considerations.

Statement 67 replaces the requirements of Statement No. 25, Financial Reporting for Defined Benefit Pension Plans and Note Disclosures for Defined Contribution Plans, for most public employee pension plans. Statement 68 replaces the requirements of Statement No. 27, Accounting for Pensions by State and Local Governmental Employers, for most government employers. The new Statements also replace the requirements of Statement No. 50, Pension Disclosures, for those governments and pension plans.

The tables that follow show net assets, benefits paid and the actuarially determined contributions that have been made over the last ten years. See also "State Retirements Systems — Contributions and Funding" above.

CONTRIBUTIONS AND BENEFITS NEW YORK STATE AND LOCAL RETIREMENT SYSTEMS ⁽¹⁾ (millions of dollars)						
Fiscal Year Contributions Recorded						
Ended March 31	All Participating Employers ⁽¹⁾⁽²⁾	Local Employers ⁽¹⁾⁽²⁾	State ⁽¹⁾⁽²⁾	Employees	Benefits Paid ⁽³⁾	
2003	652	378	274	219	5,030	
2004	1,287	832	455	222	5,424	
2005	2,965	1,877	1,088	227	5,691	
2006	2,782	1,714	1,068	241	6,073	
2007	2,718	1,730	988	250	6,432	
2008	2,649	1,641	1,008	266	6,883	
2009	2,456	1,567	889	273	7,265	
2010	2,344	1,447	897	284	7,719	
2011	4,165	2,406	1,759	286	8,520	
2012	4,585	2,799	1,786	273	8,938	

Sources: State and Local Retirement Systems.

⁽¹⁾Contributions recorded include the full amount of unpaid amortized contributions.

⁽²⁾ The annual required contributions (ARC) include the employers' normal costs, the Group Life Insurance Plan amounts, and other supplemental amounts. Additional information on the ARC can be accessed on page 55 of the NYSLRS CAFR for fiscal year ending March 31, 2012.

⁽³⁾ Includes payments from Group Life Insurance Plan, which funds the first \$50,000 of any death benefit paid.

(milli	ions of dollars)	
		Percent
		Increase/
Fiscal Year Ended		(Decrease)
March 31	Net Assets	Fr <u>om Prior Ye</u> ar
2003	97,373	(13.6)
2004	120,799	24.1
2005	128,038	6.0
2006	142,620	11.4
2007	156,625	9.8
2008	155,846	(0.5)
2009	110,938	(28.8)
2010	134,252	21.0
2011	149,549	11.4
2012	153,394	2.6

¹⁾ Includes relatively small amounts held under Group Life Insurance Plan. Includes some employer contribution receivables. Fiscal year ending March 31, 2012 includes approximately \$3.5 billion of receivables.

Section 1: Subsection E

"AUTHORITIES AND LOCALITIES" EXTRACT FROM AIS

AUTHORITIES AND LOCALITIES

PUBLIC AUTHORITIES

For the purposes of this section, "authorities" refer to public benefit corporations or public authorities, created pursuant to State law, which are reported in the State's CAFR. Authorities are not subject to the constitutional restrictions on the incurrence of debt that apply to the State itself and may issue bonds and notes within the amounts and restrictions set forth in legislative authorization. The State's access to the public credit markets could be impaired and the market price of its outstanding debt may be materially and adversely affected if certain of its authorities were to default on their respective obligations, particularly those classified as State-supported or State-related debt under the section entitled "Capital Program and Financing Plan."

The State has numerous public authorities with various responsibilities, including those which finance, construct and/or operate revenue-producing public facilities. These entities generally pay their own operating expenses and debt service costs from revenues generated by the projects they finance or operate, such as tolls charged for the use of highways, bridges or tunnels; charges for public power, electric and gas utility services; tuition and fees; rentals charged for housing units; and charges for occupancy at medical care facilities. In addition, State legislation also authorizes several financing structures, which may be utilized for the financings. The FY 2013 Enacted Budget authorized any public benefit corporation to make voluntary contributions to the State's General Fund at any time from any funds as deemed feasible and advisable by the public benefit corporation's governing board after due consideration of the public benefit corporation's legal and financial obligations, and deemed such payment a "valid and proper purpose" for such funds. This authorization expired on March 31, 2013.

There are statutory arrangements that, under certain circumstances, authorize State local assistance payments otherwise payable to localities to be made instead to the issuing public authorities in order to secure the payment of debt service on their revenue bonds and notes. However, the State has no constitutional or statutory obligation to provide assistance to localities beyond amounts that have been appropriated therefore in any given year. Some public authorities also receive moneys from State appropriations to pay for the operating costs of certain programs.

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As of December 31, 2012 (Job Development Authority or "JDA" is as of March 31, 2012), each of the 19 authorities listed in the following table had outstanding debt of \$100 million or more, and the aggregate outstanding debt, including refunding bonds, was approximately \$171 billion, only a portion of which constitutes State-supported or State-related debt. The following table summarizes the outstanding debt of these authorities.

OUTSTANDING DEBT OF CERTAIN AUTHORITIES ⁽¹⁾ AS OF DECEMBER 31, 2012 ⁽²⁾ (millions of dollars)						
Authority	State-Related Debt Bonding	Authority and Conduit <u>Bonding</u>	Total			
Dormitory Authority ⁽³⁾	25,194	20,963	46,157			
Metropolitan Transportation Authority	400	22,695	23,095			
Port Authority of NY & NJ	0	21,898	21,898			
Thruway Authority	11,121	3,290	14,411			
Housing Finance Agency	995	10,140	11,135			
UDC/ESD	8,505	959	9,464			
Triborough Bridge and Tunnel Authority	0	8,395	8,395			
Environmental Facilities Corporation	801	6,474	7,275			
Long Island Power Authority ⁽⁴⁾	0	6,757	6,757			
Job Development Authority ⁽²⁾	19	6,611	6,630			
Energy Research and Development Authority ⁽⁴⁾	0	3,426	3,426			
State of New York Mortgage Agency	0	3,019	3,019			
Local Government Assistance Corporation	2,836	0	2,836			
Tobacco Settlement Financing Corporation	2,411	0	2,411			
Power Authority	0	1,746	1,746			
Battery Park City Authority	0	1,032	1,032			
Municipal Bond Bank Agency	294	317	611			
Niagara Frontier Transportation Authority	0	162	162			
Bridge Authority	0	123	123			
TOTAL OUTSTANDING	52,576	118,007	170,583			

Source: Office of the State Comptroller. Debt classifications by Division of the Budget.

⁽¹⁾ Includes only authorities with \$100 million or more in outstanding debt which are reported as component units or joint ventures of the State in the Comprehensive Annual Financial Report (CAFR). Includes short-term and long-term debt. Reflects original par amounts for bonds and financing arrangements or original gross proceeds in the case of capital appreciation bonds. Amounts outstanding do not reflect accretion of capital appreciation bonds or premiums received.

⁽²⁾ All Job Development Authority (JDA) debt outstanding reported as of March 31, 2012. This includes \$6.6 billion in conduit debt issued by JDA's blended component units consisting of \$6.1 billion issued by New York Liberty Development Corporation (\$1.2 billion of which is also included in the amount reported for PANYNJ) and \$511 million issued by the Brooklyn Arena Local Development Corporation. In addition, JDA has \$19 million in State-guaranteed bonds outstanding.

⁽³⁾ Includes debt previously issued by New York State Medical Care Facilities Finance Agency, which was consolidated with the Dormitory Authority on September 1, 1995.

⁴⁾ Includes \$155 million in bonds issued by the Energy Research and Development Authority (ERDA) and included in amounts reported for both ERDA and LIPA.

THE CITY OF NEW YORK

The fiscal demands on the State may be affected by the fiscal condition of the City, which relies in part on State aid to balance its budget and meet its cash requirements. It is also possible that the State's finances may be affected by the ability of the City, and certain entities issuing debt for the benefit of the City, to market securities successfully in the public credit markets. The official financial disclosure of the City of New York and the financing entities issuing debt on its behalf is available by contacting Raymond J. Orlando, City Director of Investor Relations, (212) 788-5875, or contacting the City Office of Management and Budget, 255 Greenwich Street, 8th Floor, New York, NY 10007. The State assumes no liability or responsibility for any financial information reported by the City of New York. The following table summarizes the debt of New York City.

Year	General Obligation Bonds	Obligations of TFA ⁽¹⁾	Obligations of Municipal Assistance Corporation	Obligations of STAR Corp. ⁽²⁾	Obligations of TSASC, Inc.	Hudson Yards Infrastructure Corporation	Other ⁽³⁾ Obligations	Treasury Obligations	Tota
2003	29,679	13,134 (4)	2,151	0	1,258	0	2,328	(64)	48,48
2004	31,378	13,364	1,758	0	1,256	0	2,561	(52)	50,26
2005	33,903	12,977	0	2,551	1,283	0	3,746	(39)	54,42
2006	35,844	12,233	0	2,470	1,334	0	3,500	0	55,38
2007	34,506	14,607	0	2,368	1,317	2,100	3,394	0	58,29
2008	36,100	14,828	0	2,339	1,297	2,067	2,556	0	59,18
2009	39,991	16,913	0	2,253	1,274	2,033	2,442	0	64,90
2010	41,555	20,094	0	2,178	1,265	2,000	2,402	0	69,49
2011	41,785	23,820	0	2,117	1,260	2,000	2,556	0	73,53
2012	42,286	26,268	0	2,054	1,253	3,000	2,457	0	77,31
Includes		' Iding Aid Revenue			on which will be fu				ments
A portion Corporati	of the proceeds on bonds. The c	s of the Sales Tax . lebt service on STA	Asset Receivable C ARC bonds will be	Corporation (STA funded from an	RC) Bonds were us nual revenues to b Mayor of the City	ed to retire outst be provided by th	anding Munici	oal Assistance	

⁽⁴⁾Includes \$1.11 billion of bond anticipation notes issued to finance the City's capital expenditures.

The staffs of the Financial Control Board for the City of New York (FCB), the Office of the State Deputy Comptroller (OSDC), the City Comptroller and the Independent Budget Office issue periodic reports on the City's financial plans. Copies of the most recent reports are available by contacting: FCB, 123 William Street, 23rd Floor, New York, NY 10038, Attention: Executive Director; OSDC, 59 Maiden Lane, 29th Floor, New York, NY 10038, Attention: Deputy Comptroller; City Comptroller, Municipal Building, 6th Floor, One Centre Street, New York, NY 10007-2341, Attention: Deputy Comptroller for Budget; and IBO, 110 William Street, 14th Floor, New York, NY 10038, Attention: Director.

OTHER LOCALITIES

Certain localities outside New York City have experienced financial problems and have requested and received additional State assistance during the last several State fiscal years. While a relatively infrequent practice, deficit financing by local governments has become more common in recent years. Between 2004 and January 2012, the State Legislature passed 21 special acts authorizing, or amending authorizations for, bond issuances to finance local government operating deficits, including a total of four passed during the 2009 and 2010 legislative sessions. However, the legislation introduced during the regular 2012 legislative session that would have authorized Rockland County and the City of Long Beach to issue bonds to address accumulated deficits did not pass both houses of the legislature. Similar legislation on behalf of these two entities is also being considered in 2013. In addition to deficit financing authorizations, the State has periodically enacted legislation to create oversight boards in order to address deteriorating fiscal conditions within a locality.

The Buffalo Fiscal Stability Authority has exercised Control Period powers with respect to the City of Buffalo since the City's 2004 fiscal year, but transitioned to Advisory Period powers commencing on July 1, 2012.

In January 2011, the Nassau County Interim Finance Authority (NIFA) declared that it was entering a Control Period, citing the "substantial likelihood and imminence" that Nassau would incur a major operating funds deficit of 1 percent or more during the County's 2011 fiscal year. Nassau County challenged NIFA's determination and authority to impose a Control Period in State Supreme Court and did not prevail. NIFA is now exercising Control Period powers over Nassau County.

On February 14, 2013, the U.S. District Court for the Eastern District of New York issued an opinion in *Carver, et al. v. Nassau County Interim Finance Authority, et al.* granting the plaintiffs' (law enforcement unions) motion for summary judgment seeking to nullify NIFA's imposition of a wage freeze during the control period in 2011. The court stated that the operation of its judgment shall be stayed pending an appeal, by NIFA to the United States Court of Appeals for the Second Circuit. Both NIFA and the County have appealed.

Erie County has a Fiscal Stability Authority, the City of New York has a Financial Control Board, and the City of Troy has a Supervisory Board, all of which presently perform certain review and advisory functions. The City of Yonkers no longer operates under an oversight board but must adhere to a Special Local Finance and Budget Act. The City of Newburgh operates under fiscal monitoring by the State Comptroller pursuant to special State legislation. The potential impact on the State of any future requests by localities for additional oversight or financial assistance is not included in the projections of the State's receipts and disbursements for the State's FY 2013 or thereafter.

Like the State, local governments must respond to changing political, economic and financial influences over which they have little or no control, but which can adversely affect their financial condition. For example, the State or Federal government may reduce (or, in some cases, eliminate) funding of local programs, thus requiring local governments to pay these expenditures using their own resources. Similarly, past cash flow problems for the State have resulted in delays in State aid payments to localities. And, in some cases, these delays have necessitated short-term borrowing at the local level. More recent developments that have had, or could have, an impact on the fiscal condition of local governments and school districts include: the loss of temporary Federal stimulus funding; new constraints (for local governments other than in New York City and school districts outside New York City and the four other largest cities in New York State) on raising property tax revenues given legislation that now limits growth in the tax levy, subject to override; and for some communities, the significant upfront costs

for rebuilding and clean-up in the wake of a natural disaster. Localities may also face unanticipated problems resulting from certain pending litigation, judicial decisions and long-range economic trends. Other large-scale potential problems, such as declining urban populations, declines in the real property tax base, increasing pension, health care and other fixed costs, or the loss of skilled manufacturing jobs may also adversely affect localities and necessitate requests for State assistance.

Ultimately, localities as well as local public authorities may suffer serious financial difficulties that could jeopardize local access to the public credit markets, which may adversely affect the marketability of notes and bonds issued by localities within the State.

The following table summarizes the debt of New York City and all other New York State localities.

	DEBT OF NEW YORK LOCALITIES ⁽¹⁾ (millions of dollars)							
Locality Fiscal Year	Combined New York City Debt ⁽²⁾		Fiscal Year New York City Debt ⁽²⁾ Other I		-	lities Debt ⁽³⁾	Total Locality Debt ⁽³⁾	
Ending	Bonds	Notes	Bonds ⁽⁴⁾	Notes ⁽⁴⁾	Bonds ⁽³⁾⁽⁴⁾	Notes ⁽⁴⁾		
1980	12,995	0	6,835	1,793	19,830	1,793		
1990	20,027	0	10,253	3,082	30,280	3,082		
2000	39,244	515	19,082	4,005	58,326	4,520		
2001	40,305	0	20,303	4,745	60,608	4,745		
2002	42,721	2,200	21,721	5,184	64,442	7,384		
2003	47,376	1,110	23,951	6,429	71,327	7,539		
2004	50,265	0	26,684	4,979	76,949	4,979		
2005	54,421	0	29,245	4,832	83,666	4,832		
2006	55,381	0	30,753	4,755	86,134	4,755		
2007	58,192	100	32,271	4,567	90,463	4,667		
2008	59,120	67	33,569	5,474	92,689	5,541		
2009	64,873	33	34,522	6,908	99,395	6,941		
2010	69,494	0	36,103	7,361	105,597	7,361		
2011	73,538	0	36,149	7,270	109,687	7,270		

Source: Office of the State Comptroller.

NOTE: For localities other than New York City, the amounts shown for fiscal years ending in 1990 may include debt that has been defeased through the issuance of refunding bonds.

⁽¹⁾ Because the State calculates locality debt differently for certain localities (including New York City), the figures above may vary from those reported by such localities. In addition, this table excludes indebtedness of certain local authorities and obligations issued in relation to State lease-purchase arrangements.

⁽²⁾ Includes bonds issued by the Transitional Finance Authority, the Municipal Assistance Corporation, STAR Corporation, TSASC, Inc., the Hudson Yards Infrastructure Corporation, (as shown in the table "Debt of New York City" in the section of this document entitled "Authorities and Localities - The City of New York"). Also included are the bonds of the Fiscal Year 2005 Securitization Corporation, the Industrial Development Agency, the Samurai Funding Corporation, and the Dormitory Authority of the State of New York for education, health and court capital projects, and other long-term leases which will be repaid from revenues of the City or revenues which would otherwise be available to the City if not needed for debt service.

⁽³⁾ Includes bonds issued by the localities and certain debt guaranteed by the localities and excludes capital lease obligations (for localities other than New York City), assets held in sinking funds and certain amounts available at the start of a fiscal year for redemption of debt. Starting in 2001, debt for other localities includes installment purchase contracts.

⁴⁾ Does not include the indebtedness of certain localities that did not file annual financial reports with the Comptroller.

Section 1: Subsection F

"ECONOMICS AND DEMOGRAPHICS" EXTRACT FROM AIS

ECONOMICS AND DEMOGRAPHICS

The demographic and statistical data in this section, which have been obtained from the sources indicated, do not represent all of the factors which may have a bearing on the State's fiscal and economic affairs. Further, such information requires economic and demographic analysis in order to assess its significance, and may be interpreted differently by individual experts. Note that DOB has chosen to provide economic and demographic analysis updated through the date of this AIS, although continuing disclosure requirements for this AIS require analysis only through March 31, 2013.

THE U.S. ECONOMY

Growth in the national economy accelerated during the first quarter of calendar year 2013, following a dismal fourth quarter of calendar year 2012. Real U.S. GDP grew 2.5 percent in the first quarter of 2013, following fourth quarter growth of 0.4 percent. The acceleration in the first quarter was largely due to stronger household spending and a smaller decline in government spending than the 15 percent drop observed in the last quarter of 2012. Housing and pent-up demand for autos were positive areas, while the recent strength in equities and home prices likely also contributed by boosting household balance sheets and helping to offset the adverse impact of the tax increases on consumer spending. First quarter growth may also have been buttressed by the acceleration of several components of taxable income into late 2012 – including wages, dividends, and capital gains realizations – in advance of a Federal tax increase on high-income taxpayers that passed as part of the Federal government's fiscal cliff compromise. Real U.S. GDP growth of 2.1 percent is now projected for calendar year 2013, following growth of 2.2 percent for calendar year 2012.

Real household spending grew a strong 3.2 percent in the first quarter of calendar year 2013, in part due to the reasons cited above; growth of 2.4 percent is projected for all of calendar year 2013. Steady household spending growth is expected to be supported by a gradually improving labor market and rising wealth, but higher taxes are still expected to take their toll and keep real spending growth below 3 percent until calendar year 2014. Nonresidential investment grew 1.6 percent in the first quarter of calendar year 2013, following 13.2 percent growth in the fourth quarter of calendar year 2012, which was likely the result of an acceleration of spending into the end of 2012 related to Federal investment tax incentives. The overall outlook for private investment in calendar year 2013 remains tepid.

With the Federal spending sequester gradually kicking in, the US economy is expected to exhibit weaker growth of 1.4 percent in the second quarter of calendar year 2013. Real government spending is expected to fall by 2.9 percent for 2013. Although cold weather may have been a factor in depressing March 2013 job growth, the anticipation of government spending cuts may have combined with weak global demand to reduce private sector job gains to a monthly average of 165,000 for March and April 2013, compared to 187,200 jobs for the final six months of 2012 and 241,500 jobs for the first two months of 2013. Employment growth of 1.5 percent is projected for all of calendar year 2013, accompanied by wage growth of 3.8 percent. Overall personal income growth of 3.1 percent is projected for calendar year 2013.

ECONOMIC INDICATORS FOR THE UNITED STATES								
-	2008	2009	2010	2011	2012	2013 ¹		
Gross Domestic Product Nominal (\$ billions) Percent Change	14,291.5 1.9	13,973.7 (2.2)	14,498.9 3.8	15,075.7 4.0	15,684.8 4.0	16,288.5 3.8		
Real (\$ billions) Percent Change	13,161.9 (0.3)	12,757.9 (3.1)	13,063.0 2.4	13,299.1 1.8	13,593.2 2.2	13,874.8 2.1		
Personal Income (\$ billions) Percent Change	12,460.2 4.6	11,867.0 (4.8)	12,321.9 3.8	12,947.3 5.1	13,407.2 3.6	13,821.3 3.1		
Nonagricultural Employment (millions) Percent Change	136.8 (0.6)	130.9 (4.4)	129.9 (0.7)	131.5 1.2	133.7 1.7	135.7 1.5		
Unemployment Rate (%)	5.8	9.3	9.6	8.9	8.1	7.6		
Consumer Price Index (1982-84=100) Percent Change	215.3 3.8	214.6 (0.3)	218.1 1.6	224.9 3.1	229.6 2.1	234.1 1.9		

Sources: US Department of Commerce, Bureau of Economic Analysis; US Department of Labor, Bureau of Labor Statistics. Table reflects revisions by source agencies to figures for prior years.

¹As projected by the NYS DOB, based on National Income and Product Account data through March 2013.

Based on the foregoing, DOB's economic outlook continues to call for tepid but improving growth over the course of calendar year 2013. However, there are significant risks to this forecast. The Federal sequester impact could result in a much larger decline in government spending than anticipated in the coming months, resulting in a greater loss of government jobs or private jobs related to government investment. It now appears that the full impact of the payroll tax hike may have either been delayed or was mitigated by the effect of the rise in equity markets or the acceleration in income for tax purposes. However, slower equity price growth could have the reverse impact on household spending. The global economy is expected to improve, but the Euro-area and Japanese economies remain extremely weak, while emerging market growth remains slower than in the early phase of the recovery. Slower export growth than expected could negatively affect growth in U.S. corporate profits, investment, and jobs. The Bank of Japan has shifted to a much more activist monetary policy than has been tried in the recent past. If that policy succeeds, global economic growth could exceed expectations, resulting in a faster upturn in the demand for U.S. exports. Energy prices continue to be volatile and a risk to the household consumption forecast, while stronger than anticipated home and equity price growth present upside risks to household spending. Finally, displays of political gridlock surrounding deficit reduction could impact overall economic activity well beyond those sectors directly affected by spending cuts.

THE NEW YORK ECONOMY

The pace of New York private sector job growth has continued, following the devastating impact of Superstorm Sandy. The State has continued to exhibit robust growth in professional and business services, private educational services, and tourism-related leisure and hospitality services. Private sector employment growth overall of 1.6 percent is projected in each of calendar years 2013 and 2014. In contrast, public sector employment is expected to continue to decline in 2014. With the ongoing downsizing of the State finance and government sectors, the first three quarters of calendar year 2012 exhibited unusually weak income growth. However, that trend appears to have reversed in the fourth quarter due to the acceleration of wages, dividends, and capital gains in advance of the Federal tax increase. Wage growth of 3.2 percent is projected for calendar year 2013, followed by growth of 5.0 percent for calendar year 2014; total personal income growth of 2.5 percent is projected for calendar year 2013, followed by 5.4 percent growth for calendar year 2014.

All of the risks to the U.S. forecast apply to the State forecast as well, although as the nation's financial capital, the volume of financial market activity and equity market volatility pose a particularly large degree of uncertainty for New York. In addition, with Wall Street still adjusting its compensation practices in the wake of the passage of financial reform, both the bonus and non-bonus components of employee pay are becoming increasingly difficult to forecast. Securities industry revenues have in the past been a useful predictor of bonus payouts, but that relationship has become a much less reliable indicator in recent years. Moreover, with Federal fiscal policy in flux, potential changes in the taxpayer behavior in response to possible changes in Federal tax law create an additional layer of uncertainty. A weaker than projected labor market could also result in lower wages, which in turn could result in weaker household consumption. Similarly, should financial and real estate markets be weaker than anticipated, taxable capital gains realizations could be negatively affected. These effects could ripple through the State economy, depressing employment, wage, and household spending growth. In contrast, stronger national and world economic growth, or a stronger upturn in stock prices, along with even stronger activity in mergers, acquisitions, and other Wall Street activities, could result in higher wage and bonuses growth than projected.

	2009	2010	2011	2012	2013 ¹
Personal Income					
(\$ billions)	902.4	952.7	995.2	1,019.5	1,053.2
Percent Change	(4.9)	5.6	4.5	2.4	3.3
Nonagricultural Employme	nt				
(thousands)	8,312.0	8,318.7	8,420.0	8,543.5	8,651.2
Percent Change	(3.1)	0.1	1.2	1.5	1.3
Unemployment Rate (%)	8.3	8.6	8.3	8.5	8.3

Sources: US Department of Commerce, Bureau of Economic Analysis; NYS Department of Labor. Table reflects revisions by source agencies to data for prior years.

¹As projected by Division of the Budget, based on National Income and Product Account data and employment data available through March 2013.

New York is the third most populous state in the nation and has a relatively high level of personal wealth. The State's economy is diverse, with a comparatively large share of the nation's financial activities, information, education, and health services employment, and a very small share of the nation's farming and mining activity. The State's location and its air transport facilities and natural harbors have made it an important link in international commerce. Travel and tourism constitute an important part of the economy. Like the rest of the nation, New York has a declining proportion of its workforce engaged in manufacturing, and an increasing proportion engaged in service industries.

Manufacturing: Manufacturing employment continues to decline as a share of total State employment, as in most other states, and as a result New York's economy is less reliant on this sector than in the past. However, it remains an important sector of the State economy, particularly for the upstate region, which hosts high concentrations of manufacturers of transportation and other types of equipment.

Trade, Transportation, and Utilities: As defined under NAICS, the trade, transportation, and utilities supersector accounts for the second largest component of State nonagricultural employment, but only the fifth largest when measured by wage share. This sector accounts for less employment and wages for the State than for the nation as a whole.

Financial Activities: New York City is the nation's leading center of banking and finance and, as a result, this is a far more important sector in the State than in the nation as a whole. Although this sector accounts for under one-tenth of all nonagricultural jobs in the State, it contributes more than one-fifth of total wages.

Other Service Sectors: The remaining service-producing sectors include information, professional and business services, private education and healthcare, leisure and hospitality services, and other services. These industries combined account for half of all nonagricultural jobs in New York. Information, education and health, and other services account for a higher proportion of total State employment than for the nation as a whole.

Agriculture: Farming is an important part of the economy in rural areas, although it constitutes only about 0.2 percent of total State output. Principal agricultural products of the State include milk and dairy products, greenhouse and nursery products, fruits, and vegetables. New York ranks among the nation's leaders in the production of these commodities.

	Emplo	<u>yment</u>	Wages		
		United		United	
	State	States	State	States	
Natural Resources and Mining	0.1	0.6	0.1	1.3	
Construction	3.5	4.2	3.7	4.5	
Manufacturing	5.2	8.9	5.1	10.8	
Trade, Transportation, and Utilitie	17.2	19.1	12.7	16.1	
Information	3.0	2.0	4.7	3.3	
Financial Activities	7.8	5.8	20.1	8.9	
Professional and Business Service	13.3	13.4	17.4	16.9	
Educational and Health Services	20.0	15.2	14.0	13.2	
Leisure and Hospitality	9.1	10.3	4.5	4.6	
Other Services	4.3	4.1	2.9	3.2	
Government	16.6	16.4	14.8	17.3	

Government: Federal, State, and local governments together comprise the second largest sector in terms of nonagricultural jobs, with the bulk of the employment accounted for by local governments.

Public education is the source of about 40 percent of total State and local government employment.

The importance of the different sectors of the State's economy relative to the national economy is shown in the above table, which compares nonagricultural employment and wages by sector for the State and the nation as a whole. Manufacturing and construction account for smaller shares of employment for the State than for the nation, while the combined service industries account for a larger share. The financial activities sector share of total wages is particularly large for the State relative to the nation. Thus, the State is likely to be less affected than the nation as a whole during an economic recession that is concentrated in manufacturing and construction, but likely to be more affected by any economic downturn that is concentrated in the service sector.

ECONOMIC AND DEMOGRAPHIC TRENDS

In calendar years 1990 through 1998, the State's rate of economic growth was somewhat slower than that of the nation. In particular, during the 1990-91 recession and post-recession period, the economies of the State and much of the rest of the Northeast were more heavily damaged than the nation as a whole and were slower to recover. However, the situation subsequently improved. In 1999, for the first time in 13 years, State employment growth surpassed that of the nation, and in 2000 the rates were essentially the same. In 2001, the September 11th attack resulted in a downturn in New York that was more severe than for the nation as a whole. In contrast, the State labor market fared better than that of the nation as a whole during the most recent downturn that began in 2008, though New York experienced a historically large wage decline in 2009. The State unemployment rate was higher than the national rate from 1991 to 2000, but the gap between them has since closed, with the State rate below that of the nation from the start of the national recession through the end of 2011, but rose above the national rate again in 2012.

		State		U	S
	Total Population (000s)	% Change from Preceding Period	Percentage of U.S. Population	Total Population (000s)	% Change from Preceding Period
1960	16,782	13.2	9.4	179,323	18.5
1970	18,241	8.7	9.0	203,302	13.4
1980	17,558	(3.7)	7.8	226,546	11.4
1990	17,990	2.5	7.2	248,710	9.8
2000	18,976	5.5	6.7	281,422	13.2
2010	19,378	2.1	6.3	308,746	9.7
2012	19,570	1.0	6.2	313,914	1.7

The following table compares population change in the State and in the United States since 1960.

Total State nonagricultural employment has declined as a share of national nonagricultural employment. The following historical table compares these levels and the rate of unemployment for the State and the nation.

	Employment (000s)		State as Percent	Unemployment Rate (%)	
	State	US	of US <u>Employment</u>	State	US
1960	6,182	54,296	11.4	N/A	5.5
1970	7,156	71,006	10.1	N/A	4.9
1980	7,207	90,528	8.0	7.5	7.1
1990	8,214	109,487	7.5	5.3	5.6
2000	8,638	131,881	6.5	4.5	4.0
2010	8,567	129,917	6.6	8.6	9.6
2012	8,800	133,739	6.6	8.5	8.1

Source: US Department of Labor and NYS Department of Labor.

Note: Nonagricultural employment and unemployment rates are generated from separate surveys.

State per capita personal income has historically been significantly higher than the national average, although the ratio has varied substantially over time. Because New York City is an employment center for a multi-state region, State personal income measured on a residence basis understates the relative importance of the State to the national economy and the size of the base to which State taxation applies. The following table compares per capita personal incomes for the State and the nation.

	NYS	US	NYS/US
1960	2,822	2,268	1.24
1970	4,868	4,084	1.19
1980	10,985	10,091	1.09
1990	23,710	19,354	1.23
2000	34,623	30,319	1.14
2010	49,119	39,791	1.23
2012	52,095	42,693	1.22

Section 2 - Annual Update of Official Statement Information

This Section 2 consists of extracts from Official Statements for certain series of bonds containing annual information that has been updated as required pursuant to relevant disclosure obligations. Section 2 is not intended to serve, nor does it serve, as a full update to all information contained in the relevant Official Statements. Readers are advised to review the contents of this Section 2 together with the complete sections of the relevant Official Statements to which this update applies. Capitalized terms that are not defined in this Section 2 shall have the meanings ascribed to them in the applicable Official Statements.

Section 2: Subsection G

New York Local Government Assistance Corporation Bonds

"The Sales Tax"

This Subsection G contains information required to be updated relating solely to obligations issued by the New York Local Government Assistance Corporation. Capitalized terms used in this Subsection and not otherwise defined shall have the meanings ascribed to them in the related Official Statements.

The Sales Tax

General

In 1965, New York became the 39th state to impose a general sales and compensating use tax; 46 states now impose sales or gross receipts taxes. The statewide rate has been raised three times: from 2 percent to 3 percent on April 1, 1969, to 4 percent on June 1, 1971, and to 4.25 percent effective June 1, 2003 through May 31, 2005. The rate returned to 4 percent on June 1, 2005. The Sales Tax now applies to (1) sales and use within the State of most tangible personal property; (2) certain utility service billings; and (3) charges for restaurant meals, hotel and motel occupancy, and for specified admissions and services. The base of the tax has been amended periodically since its imposition in 1965 and in almost every year since 1992. Legislation enacted from time to time since 1996 has (i) created special temporary and permanent Sales Tax exemptions for certain transactions (e.g., for clothing and footwear purchases under a certain dollar amount and for property and services used or consumed by qualifying businesses located in Empire Zones and New York City Liberty and Resurgence Zones) or (ii) expanded the scope of the Sales Tax (e.g., including the New York City cigarette excise tax of \$1.50 in the State and local sales tax bases and requiring nonprofit organizations to collect sales tax on retail sales of certain property and services). (See Sales Tax Receipts below, for a description of recent amendments).

The Sales Tax is generally collected from the consumer by the final vendor. However, special provisions enacted in 1985 require prepayment of the bulk of the tax on motor fuel upon its import into the State, with ultimate collection and reconciliation at the retail level. Legislation effective September 1, 1995 requires similar prepayments of the Sales Tax on cigarettes. This prepayment was increased to 8 percent from 7 percent in 2009. Other provisions permit certain taxpayers to pay Sales Tax directly to the Commissioner of Taxation and Finance.

Vendors of goods and services which are subject to the Sales Tax are required to submit quarterly reports and remit tax collections with a postmarked due date of March 20th, June 20th, September 20th and December 20. Vendors collecting \$3,000 or less in Sales Tax per year can elect to file annually on March 20. Vendors with taxable volume of \$300,000 or more in one of the immediately preceding four quarters must remit the tax on a monthly basis. Monthly remittances are due on the 20th day of the month following the month of collection. Sales Tax vendors with more than \$5 million in State and local annual tax liability remit tax for the first 22 days of the month by Electronic Funds Transfers ("EFT") or certified check by the third business day thereafter. Tax for the balance of the month is paid with the monthly returns that such vendors file by the 20th of the following month. The threshold for mandatory EFT payments was initially \$5 million and, effective September 2002, is currently \$500,000. In addition, legislation in 1996 provided exemptions from the EFT program for certain materialmen that can demonstrate hardship, effective April 1, 1997. Effective March 1, 1999, Sales Tax vendors were allowed to keep for their Sales Tax collection services 3.5 percent of their Sales Tax liability up to a maximum of \$150 per guarter. Legislation enacted in 2006 increased the percentage to 5 percent of their Sales Tax liability, up to a maximum of \$175 in FY 2007. The cap increased to \$200 on March 1, 2007. Legislation enacted in 2010 eliminated the allowance for monthly filers. Legislation enacted in 2008 implemented a vendor registration program with a registration fee of \$50.

Sales Tax Receipts

Sales Tax receipts constitute the State's second largest source of tax receipts after PIT and accounted for approximately 18.1 percent of State tax receipts in all State Funds in the State's FY 2013. The level of Sales Tax receipts is necessarily dependent upon economic and demographic conditions in

the State, and therefore there can be no assurance that historical data with respect to collections of the Sales Tax will be indicative of future receipts.

Actual FY 2004 receipts of \$9.508 billion reflect an increase of 4.6 percent in the continuing Sales Tax base and changes to the tax law. The FY 2004 Enacted Budget temporarily eliminated the exemption for items of clothing and shoes priced under \$110 and replaced it with an exemption for items of clothing and footwear priced under \$110 that was effective during two separate weeks in FY 2004, increasing receipts by an estimated \$441 million. The FY 2004 Enacted Budget also included a quarter percent Sales Tax surcharge which increased receipts by an estimated \$428 million, all of which was directed to the General Fund, and included the New York City cigarette excise tax of \$1.50 per pack in the State and local sales tax bases.

Actual FY 2005 receipts of \$10.587 billion reflect an increase of 7.4 percent in the continuing Sales Tax base as well as tax law changes. The FY 2005 Enacted Budget temporarily eliminated the exemption for items of clothing and shoes priced under \$110 due to resume on June 1, 2004 with an exemption for items of clothing and footwear priced under \$110 during two separate weeks in FY 2005. This legislation increased receipts by an estimated \$483 million. Other FY 2005 legislation required contractors, subcontractors and their affiliates, who make deliveries of taxable services or tangible personal property valued at more than \$300,000 to New York locations, to register as Sales Tax vendors.

Actual FY 2006 receipts of \$10.592 billion reflect an increase of 5.8 percent in the continuing Sales Tax base. The FY 2006 Enacted Budget temporarily eliminated the exemption for items of clothing and footwear priced under \$110 and replaced it with an exemption for items of clothing and footwear priced under \$110 that was effective during two separate weeks in FY 2006. This legislation is estimated to have generated about \$476 million in additional revenue.

Actual FY 2007 receipts of \$10.050 billion reflect an increase of 4.0 percent in the continuing Sales Tax base as well as tax law changes. In FY 2007, the vendor credit was increased and the Sales Tax on motor fuel and diesel motor fuel was capped at eight cents per gallon. The exemption for items of clothing and footwear priced under \$110 went back into effect April 1, 2006.

Actual FY 2008 receipts of \$10.591 billion reflect an increase of 4.5 percent in the continuing Sales Tax base.

Actual FY 2009 Sales Tax receipts of \$10.274 billion reflect a decrease of 2.1 percent in the continuing Sales Tax base and tax law changes. These tax law changes included a new voluntary compliance program allowing taxpayer disclosure of certain underreported tax liabilities, non-profit tax-exempt restrictions, a new vendor registration fee, and the creation of an evidentiary presumption that certain sellers using State residents to solicit sales in the State are vendors required to collect sales and use taxes.

Actual FY 2010 receipts of \$9.871 billion reflect a decrease of 6.9 percent in the continuing Sales Tax base and tax law changes. These tax law changes included a sales tax on certain transportation services, increased tax compliance efforts, increased prepaid sales tax on cigarettes, an expanded definition of vendor to preclude certain taxpayers from avoiding the tax and narrowing the exemption for commercial aircraft and the use tax for exemption for motor vehicles, vessels and aircraft.

Actual FY 2011 receipts of \$10.782 billion reflect a base increase of 7.4 percent and tax law changes. These tax law changes included the elimination of the clothing and footwear exemption from October 1, 2010 to March 31, 2011, the elimination of the vendor credit for monthly filers and a clarification that room remarketers are required to collect sales and New York City occupancy taxes.

Actual FY 2012 receipts of \$11.125 billion reflect a base increase of 5.4 percent and enacted law changes including the tax modernization project. In addition, clothing and footwear priced up to \$55 was exempt from tax until March 31, 2012.

Unaudited FY 2013 receipts of \$11.232 billion reflect a base increase of 3.3 percent and enacted tax law changes that continued the tax modernization project.

Note: The Sales Tax receipts described in this section do not include additional Sales Tax collections in the Metropolitan Commuter Transportation District for the Mass Transportation Operating Assistance Fund.

Table 1 sets forth historical information relating to Sales Tax receipts from State FYs 2004 through 2013 and estimated amounts for FY 2014. Table 2 sets forth monthly Sales Tax receipts from the State's FY 2008 through March 31, 2013. The information reflects tax law changes described above.

(thousands of dollars)					
State Fiscal Year	Net Receipts of Sales Tax	Net Receipts of 1% Sales Tax ⁽²⁾	Annual Rate of Growth/Decline ⁽³⁾		
2003-04	\$ 9,507,878	\$2,266,814	7.61%		
2004-05	10,587,200	2,492,739	9.97		
2005-06	10,592,411	2,614,566	4.89		
2006-07	10,050,370	2,511,475	(3.94)		
2007-08	10,590,481	2,645,580	5.34		
2008-09	10,274,090	2,566,949	(2.97)		
2009-10	9,870,977	2,466,528	(3.91)		
2010-11	10,782,081	2,697,314	9.36		
2011-12	11,125,047	2,779,505	3.05		
2012-13	11,231,749	2,808,654	0.96		
2013-14 ⁽⁴⁾⁽⁵⁾	11,734,000	2,933,500	4.47		

TABLE 1 SALES AND TAX RECEIPTS ⁽¹⁾ (thousands of dollars)

Source: NYS DOB.

⁽¹⁾ These amounts reflect receipts of the full amount of the sales and compensating use tax deposited in both the General Fund and the Debt Service Fund.

- (2) Net of refunds.
- ⁽³⁾ Unadjusted for rate and base changes. Represents growth rate of net receipts of 1% Sales Tax.
- (4) Unaudited
- ⁽⁵⁾ As estimated in the FY 2014 Enacted Budget Financial Plan.

MONTH	<u>2007-08</u>	% ⁽²⁾	<u>2008-09</u>	% ⁽²⁾	<u>2009-10</u>	% ⁽²⁾	<u>2010-11</u>	% ⁽²⁾	<u>2011-12</u>	% ⁽²⁾	<u>2012-13⁽³⁾</u>	<u>%⁽²⁾</u>
APRIL	\$ 819	8	\$ 764	7	\$ 731	8	\$ 803	7	\$ 839	7	\$ 792	7
MAY	759	7	793	8	713	7	723	7	814	7	831	7
JUNE	1,090	10	1,080	11	987	10	1,055	10	1,107	10	1,117	10
JULY	811	8	832	8	724	7	805	7	856	8	846	8
AUGUST	784	7	833	8	741	8	805	7	837	7	846	8
SEPTEMBER	1,086	10	1,082	11	1,060	11	1,055	10	1,091	10	1,148	10
OCTOBER	768	7	781	8	755	8	813	7	850	8	850	8
NOVEMBER	822	8	764	7	732	7	840	8	843	8	829	7
DECEMBER	1,079	10	955	9	1,011	10	1,158	11	1,135	10	1,150	10
JANUARY	850	8	830	8	813	8	924	9	896	8	929	8
FEBRUARY	733	7	661	6	686	7	750	7	763	7	801	7
MARCH	<u>987</u>	<u>9</u>	<u>899</u>	<u>9</u>	<u>918</u>	<u>9</u>	<u>1,051</u>	<u>10</u>	<u>1,093</u>	<u>10</u>	<u>1,092</u>	<u>10</u>
TOTAL [*]	<u>\$10,591</u>	<u>100%</u>	<u>\$10,274</u>	<u>100%</u>	<u>\$9,871</u>	<u>100%</u>	<u>\$10,782</u>	<u>100%</u>	<u>\$11,125</u>	<u>100%</u>	<u>\$11,231</u>	<u>100%</u>

TABLE 2MONTHLY SALES TAX RECEIPTS ⁽¹⁾April 1, 2007 Through March 31, 2013(millions of dollars)

Source: NYS DOB

⁽¹⁾ Amounts shown reflect both the General Fund and Debt Service Fund receipts from the State's 4 percent sales and compensating use taxes.

⁽²⁾ Percentages indicate the monthly share of yearly receipts.

⁽³⁾ Unaudited

* Totals may not add due to rounding.

Estimated Debt Service Coverage

The following table sets forth (1) receipts from the net Sales Tax collection for the State's FY 2013, (2) receipts from the 1 percent Sales Tax receipts for the State's FY 2013, (3) estimated maximum annual debt service on Outstanding Bonds of the Corporation and (4) resulting debt service coverage. There can be no assurance that actual Sales Tax collections will not be less than the amounts collected for FY 2013 or that future debt service requirements will not exceed those shown as a result of numerous factors affecting Sales Tax collections and the level of interest rates that cannot be predicted at this time.

TABLE 3 ESTIMATED DEBT SERVICE COVERAGE NEW YORK LOCAL GOVERNMENT ASSISTANCE CORPORATION (thousands of dollars)

2012-13 Fiscal Year Sales Tax Receipts	\$11,231,749
2012-13 Fiscal Year 1% Sales Tax Receipts ⁽¹⁾	\$2,808,654
Maximum Annual Debt Service ⁽²⁾	\$378,585
Debt Service Coverage ⁽³⁾	7.42x

⁽¹⁾ Unaudited and net of approximately \$17.5 million in estimated collection expenses.

⁽²⁾ The calculation of Maximum annual debt service assumes all variable rate bonds are unhedged, uses rates in effect as of March 31, 2013 and includes support costs.

⁽³⁾ Assumes no interest earnings on the Capital Reserve Fund.

Legislation enacted in 2003 currently requires LGAC to certify, in addition to its own cash needs, for \$170 million annually. In May 2004, LGAC amended its General Senior Bond Resolution and General Subordinate Lien Bond Resolution to clarify that any failure to certify or make payments to the City or its assignee has no impact on LGAC's own bondholders; and that if any such act or omission were to occur with respect to any possible bonds issued by New York City or its assignee, that act or omission would not constitute an Event of Default with respect to LGAC bonds. For purposes of calculating debt service coverage as shown in Table 3, such \$170 million payment was not deducted from the 1 percent Sales Tax receipts or added to maximum annual debt service.

The Act does not restrict the right of the State to amend, repeal, modify or otherwise alter the Sales Tax. In addition, the Act permits, after appropriation of the Corporation's cash requirements, moneys derived from the 1 percent Sales Tax Fund to be paid over to the General Fund. The Act could be amended to provide that those moneys be used as a source of payment for financings by the Corporation in excess of its current authorization or for separate financings by other authorities of the State. In the case of the Corporation, however, such financing could not be issued under the Senior Resolution or otherwise by the Corporation unless (i) the date and amounts of payments have been scheduled so that they do not materially adversely affect the ability of the Corporation to pay, when due, debt service on the Senior Bonds and (ii) such financings are not entitled to a lien or charge equal or prior to the Senior Bonds on Revenues, moneys and securities in the Senior Debt Service Fund and the Senior Capital Revenue Fund and could not be issued under the Subordinate Resolution or otherwise by the Corporation unless (i) the date and amounts of payments have been scheduled so that they do not materially adversely affect the ability of the Corporation to pay, when due, debt service on the Subordinate Bonds and (ii) such financing is not entitled to a lien or charge equal or prior to the Subordinate Bonds on Revenues, moneys and securities in the Subordinate Debt Service Fund and the Subordinate Capital Revenue Fund. No such additional financing is permitted under existing law.

Section 2: Subsection H

Tobacco Settlement Financing Corporation Asset-Backed Revenue Bonds (State Contingency Contract Secured)

This Subsection H contains information required to be updated relating solely to obligations issued by the Tobacco Settlement Financing Corporation for the Asset-Backed Revenue Bonds (State Contingency Contract Secured). Capitalized terms used in this Subsection and not otherwise defined shall have the meanings ascribed to them in the related Official Statements.

History of Appropriations

The State has covenanted in each of the Series A Contract and the Series B Contract that the Director of the Budget on behalf of the State shall include, as a requested appropriation item in the State's budget for each State fiscal year, an amount equal to the amount certified by the Authorized Officer of the Corporation as being the amount of Series A Scheduled Debt Service and Series B Scheduled Debt Service, as applicable, coming due during such next succeeding fiscal year. Since the first Bonds were issued in 2003, the State has made the following appropriations with respect to the Bonds:

	State Debt Service	Date of State
Fiscal Year	Appropriation	Appropriation
2004-05	\$343,000,000	March 31, 2004
2005-06	360,000,000	March 8, 2005
2006-07	360,000,000	March 14, 2006
2007-08	352,000,000	March 27, 2007
2008-09	390,000,000	March 12, 2008
2009-10	290,000,000	March 5, 2009
2010-11	337,000,000	March 17, 2010
2011-12	305,000,000	March 16, 2011
2012-13	346,000,000	March 20, 2012
2013-14	254,000,000	March 20, 2013

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Section 2: Subsection I

New York State Thruway Authority Highway and Bridge Trust Fund Bonds

"Sources of Revenue For The Trust Fund"

This Subsection I contains information required to be updated relating solely to obligations issued by the New York State Thruway Authority for Highway and Bridge Trust Fund Bonds. Capitalized terms used in this Subsection and not otherwise defined shall have the meanings ascribed to them in the related Official Statements.

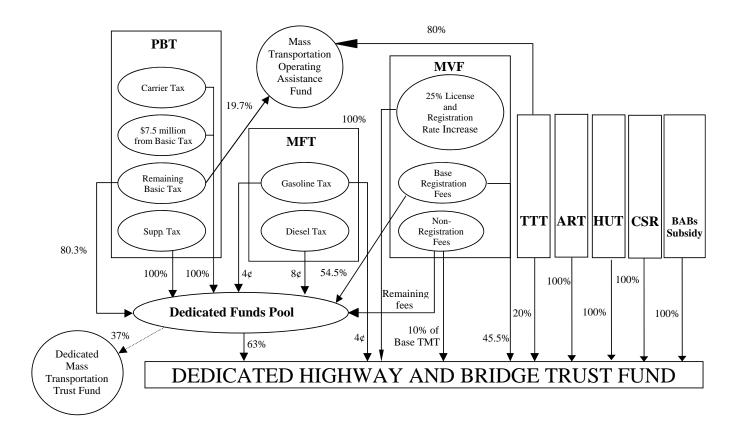
Sources of Revenue for the Trust Fund

Introduction

The State highway and bridge program is funded in part by various transportation-related taxes and fees including (a) portions of the State's (i) petroleum business taxes (the "PBT"), (ii) motor fuel taxes (the "MFT"), (iii) motor vehicle fees (the "MVF") and (iv) transmission and transportation taxes (the "TTT") in the corporation and utility taxes, (b) all revenues generated by the highway use tax (the "HUT") and auto rental tax (the "ART"), and (c) certain special revenues (the "CSR"). In addition to supporting this program through the Trust Fund, portions of the first four revenue sources are also statutorily allocated among several other State funds.

The flow chart below depicts the flow of funds to the Dedicated Highway and Bridge Trust Fund for FY 2014.

Transportation-Related Taxes & Fees Allocation FY 2014 Enacted Budget



The PBT is the business privilege tax imposed on petroleum businesses operating in the State. The tax is measured by the quantity of various petroleum products refined or sold in the State or imported for sale or use in the State. PBT rates generally have two aspects: (i) the basic tax whose rate varies by product type, and (ii) the supplemental tax, which, in general, is applied at a uniform rate. Since FY 2003, most of the net PBT receipts from the basic tax and all of the supplemental tax were earmarked to the Dedicated Funds Pool. The Statewide Dedicated Funds Pool is the repository for revenues from the following dedicated taxes and fees: petroleum business taxes, motor fuel taxes, and motor vehicle fees that are derived mainly from vehicle registration and driver license fees. Subject to statutory allocation under State law, 63 percent of the Dedicated Funds Pool is deposited into the Trust Fund. The remaining 37 percent is deposited into the Dedicated Mass Transportation Trust Fund.

Dedicated motor fuel tax revenue earmarked to the Trust Fund has been derived from one hundred percent of the receipts from four cents of the aggregate eight-cent-per-gallon excise tax levied with respect to gasoline and other non-diesel motor fuels, generally for highway use. Legislation adopted with the FY 2001 Enacted Budget earmarked, over time, the remaining four cents of the aggregate eight-cent-per-gallon excise tax imposed on gasoline and the eight-cent-per-gallon excise tax levied on diesel motor fuel to the Dedicated Funds Pool. The Trust Fund receives 63 percent of receipts from the gasoline tax and diesel motor fuel tax which are deposited to the Dedicated Funds Pool.

All highway use tax revenues are earmarked to the Trust Fund and include three components: the truck mileage tax, the fuel use tax, and highway use registration fees. The truck mileage tax is levied on certain commercial vehicles based on the number of miles driven on the public highways of the State and the loaded or unloaded weight of the vehicles. The fuel use tax is imposed upon amounts of fuel purchased outside the State by certain common carriers and used while traveling on the public highways of the State. Highway use registrations are required for operators of vehicles that are subject to the highway use tax.

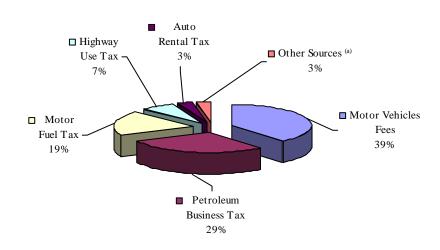
A large portion of the State's motor vehicle fees is earmarked to the Trust Fund. Motor vehicle fees are mainly derived from vehicle registration and driver licensing fees. Of the aggregate amount of motor vehicle registration fees, 45.5 percent is earmarked to the Trust Fund. The remaining 54.5 percent of the registration fees is earmarked to the Dedicated Funds Pool. The Trust Fund receives 63 percent of that share of motor vehicle fees. The State has directed additional moneys from non-registration motor vehicle fees to the Trust Fund since FY 2002. The FY 2006 Enacted Budget moved \$169 million of all of the remaining non-registration funds still deposited in the General Fund to the Dedicated Funds Pool, and earmarked revenues from proposed fee increase increments to the Dedicated Funds Pool.

The FY 2003 Enacted Budget directed all of the receipts collected from the auto rental tax to the Trust Fund, effective April 1, 2002. Currently the State imposes a six percent tax on charges to certain rental passenger cars and a supplemental tax of five percent in the Metropolitan Commuter Transportation District ("MCTD").

The State imposes a franchise tax on transmission and transportation companies under Sections 183 and 184 of the corporation and utilities taxes. The FY 2004 Enacted Budget directed the deposit of 20 percent of transmission and transportation taxes to the Trust Fund effective April 1, 2004. These deposits are scheduled to cease on March 31, 2018.

FY 2014 Enacted Budget

The following chart indicates the portion of FY 2014 Trust Fund Revenues that is estimated in the FY 2014 Enacted Budget to be derived from each of the revenue sources.



Dedicated Highway and Bridge Trust Fund Revenue Sources FY 2014 Enacted Budget

(a) Includes Build America Bonds Subsidy, Certain Special Revenues, and Transmission and Transportation Taxes.

Dedicated Highway and Bridge Trust Fund Revenue Sources

The following sections provide general information on collections and projected receipts for each of the sources of revenues since the Trust Fund was established.

Dedicated Petroleum Business Tax

General. The single largest source of revenues flowing to the Trust Fund is the business privilege tax imposed on petroleum businesses operating in the State. The base of the PBT is the quantity of various petroleum products refined or sold in the State or imported into the State for sale or use therein.

Tax Rates. Since 1990, the basic and supplemental PBT tax rates have been subject to separately computed annual adjustments on January 1 of each year, to reflect the change in the Producer Price Index ("PPI") for refined petroleum products for the 12 months ended August 31 of the immediately preceding year. The tax rates, therefore, increase as prices rise and decrease as prices fall. Legislation adopted in 1994 maintained the 1992 rates through 1995 and provided that beginning January 1, 1996, the PBT rates would be adjusted annually subject to a maximum change of five percent of the current rate in any year. In addition to the five percent cap on rate changes, the statute also requires basic and supplemental rates to be rounded to the nearest tenth of one cent. Subsequent legislation provided that diesel rates be rounded to the nearest hundredth of one cent. As a result, the tax rates usually do not change by the full five percent allowed under the statutory formula.

The table below shows the changes in the PPI for refined petroleum products since FY 2004 and the capped PBT index.

PETROLEUM BUSINESS TAX INDEX CHANGE (percent)

Year for PPI Change (September 1 to August 31)	PPI For Refined Petroleum Products Change	Year for PBT Index	PBT Index Change (January 1)
2003–04	12.94	2005	5.00
2004–05	35.10	2006	5.00
2005–06	36.01	2007	5.00
2006–07	-1.20	2008	-1.20
2007–08	42.08	2009	5.00
2008–09	-34.93	2010	-5.00
2009-10	18.55	2011	5.00
2010-11	29.78	2012	5.00
2011-12	4.30	2013	4.30
2012-13 ^(a)	9.20	2014 ^(a)	5.00

(a) Estimated.

The table below shows the rates per gallon for the PBT in effect for 2012 and 2013 and estimated rates for 2014, respectively.

		2012 ¹			2013 ¹			2014 ²	
Petroleum Products	Base	Supp	Total	Base	Supp	Total	Base	Supp	Total
Highway-use fuel									
Gasoline and other non-diesel	10.70	7.10	17.80	11.20	7.40	18.60	11.50	7.60	19.10
Diesel	10.70	5.35	16.05	11.20	5.65	16.85	11.50	5.85	17.35
Aviation gasoline or Kero-jet fuel	7.10	0.00	7.10	7.40	0.00	7.40	7.60	0.00	7.60
Non-automotive diesel fuels									
Commercial gallonage	9.70	0.00	9.70	10.10	0.00	10.10	10.40	0.00	10.40
Nonresidential heating	5.20	0.00	5.20	5.50	0.00	5.50	5.60	0.00	5.60
Residual petroleum products									
Commercial gallonage	7.40	0.00	7.40	7.70	0.00	7.70	7.90	0.00	7.90
Nonresidential heating	4.00	0.00	4.00	4.20	0.00	4.20	4.30	0.00	4.30
Railroad diesel fuel	9.40	0.00	9.40	9.90	0.00	9.90	10.10	0.00	10.10

PETROLEUM BUSINESS NET TAX RATES FOR 2012 - 2014 (cents per gallon)

¹ The tax rates represent the net tax rate after credits.

² Projected — The estimated petroleum producer price index increase of 3.0 percent through August 2013 would result in an increase of 3.0 percent in the PBT tax rates on January 1, 2014.

Tax Base. Generally, transactions that are excluded from the basic PBT base are also excluded from the supplemental tax base. Exclusions include sales for export from the State, sales of fuel oil for residential heating purposes and manufacturing use, and sales to government entities when such entities buy petroleum for their own use. Sales of kerosene (other than kero-jet fuel) and liquefied petroleum gas and sales of residual fuel oil used as bunker fuel also are exempted. Beginning January 1, 2002, all electric utilities that use petroleum to generate electricity have been allowed to apply commercial gallonage rates under deregulation.

The State also imposes a petroleum business carrier tax under the PBT on fuel purchased by motor carriers outside the State but consumed within the State. The carrier tax rates are the same as the PBT automotive gasoline and diesel rates listed above.

Legislative Changes. Legislation enacted in 1996 expanded the partial exemption provided for residual and distillate fuels used in manufacturing to a full exemption, effective January 1, 1998. In addition, such legislation provided (i) rate reductions for diesel motor fuel used by motor vehicles, phased in on January 1, 1998 and April 1, 1999; (ii) a full exemption from the supplemental tax imposed on residual and distillate fuels used by the commercial sector for heating, effective March 1, 1997; (iii) a partial reduction in the basic tax and a full exemption from the supplemental tax imposed on diesel motor fuel used by railroads, effective January 1, 1997; and (iv) an increase in the credit against the basic tax for residual and distillate fuels used by utilities, effective April 1, 1999. Where applicable, the new rate structure maintains indexing by allowing the rates to be adjusted by the index and then subsequently reducing such rate, or increasing such credit, by a fixed cents-per-gallon rate. To preserve dedicated funds revenue flows, the 1996 legislation also increased the share of the basic tax going to the Dedicated Funds Pool from 63.3 percent to 66.2 percent, effective January 1, 1997; to 68.1 percent, effective January 1, 1998; and to 69.8 percent, effective April 1, 1999. These changes were designed to be revenue-neutral to the Dedicated Funds Pool.

Legislation enacted in 1999 reduced the PBT rate on commercial heating oil by 20 percent and provided for reimbursement of PBT imposed on fuels used for mining and extraction, effective April 1, 2001. To preserve dedicated funds revenue flows, the 1999 legislation increased the share of the basic tax going to the Dedicated Funds Pool from 69.8 percent to 70.5 percent, effective April 1, 2001. Like the aforementioned changes made in 1994, 1995 and 1996, these changes were designed to be revenue-neutral to the Dedicated Funds Pool.

Legislation adopted with the FY 2001 Enacted Budget eliminated the PBT minimum taxes, effective March 1, 2001, and reduced the PBT rate on commercial heating oil by 33 percent, effective September 1, 2002. To hold the Trust Fund harmless from these tax cuts, the legislation earmarked certain motor vehicle registration fees to the Dedicated Funds Pool (see "Dedicated Motor Vehicle Fees" below). Legislation adopted with the FY 2001 Enacted Budget and effective April 1, 2001, also increased revenues flowing to the Trust Fund by earmarking \$7.5 million of the PBT basic tax, which had been directed to the General Fund, to the Dedicated Funds Pool; increasing the percentage of the remaining basic tax receipts earmarked to the Dedicated Funds Pool from 70.5 percent to 80.3 percent; and depositing receipts from the PBT carrier tax to the Dedicated Funds Pool.

Legislation adopted with the FY 2005 Enacted Budget eliminated the PBT on fuels used for aircraft overflight and landing, effective November 1, 2004, and exempted fuel burned on takeoff by airlines operating non-stop flights between at least four cities in New York.

Legislation adopted with the FY 2006 Enacted Budget exempted or partially exempted PBT on alternative fuels, including ethanol (e85) and biodiesel (B20) until September 1, 2011. Legislation adopted with the FY 2012 Enacted Budget extended the exemption for one year. Legislation enacted with the FY 2013 Enacted Budget extends the exemption for two years.

Tax Imposition and Payment. Imposition of the tax occurs at different points in the distribution chain, depending upon the type of product. The tax is imposed on motor fuels at the same time as the eight-cent-per-gallon motor fuel tax. Gasoline, which represents the preponderance of automotive fuel sales in the State, is taxed upon importation into the State for sale or upon manufacture in the State. Other non-diesel highway-use fuels such as compressed natural gas, methanol and ethanol become subject to the tax on their first sale as motor fuel in the State. Highway-use diesel motor fuel becomes taxed upon its

first non-exempt sale or use in the State. Non highway-use diesel fuel (such as No. 2 fuel oil used for commercial heating) and residual fuel usually become taxable on the sale to the consumer or upon use of the product in the State.

Most petroleum businesses remit this tax on a monthly basis. Taxpayers with yearly motor fuel tax and PBT liability totaling more than \$5 million now remit tax for the first 22 days of the month by electronic funds transfer by the third business day thereafter. Tax for the balance of the month is paid with the monthly returns filed by the 20th of the following month. The Department of Taxation and Finance advises that, in FY 2012, 35 taxpayers, accounting for 92 percent of all PBT receipts, participated in the electronic funds transfer program. As a complement to the fuel use tax, the PBT carrier tax is collected quarterly with the fuel use tax portion of the highway tax (see "Highway Use Tax" below).

Aspects relating to the imposition and collection of the PBT have been and may continue to be the subject of administrative claims and litigation by taxpayers.

Historical Summary of PBT Revenue. Since 1983, the State has substantially changed its taxation of petroleum businesses. These revisions altered collection mechanisms, modified tax bases, and increased the level of taxation. The most significant changes occurred in 1990 with the restructuring of a gross receipts tax to a cents-per-gallon tax and the indexing of the tax rates to maintain price sensitivity. Full-year revenue history under the gallonage-based PBT, therefore, only exists from FY 1992. Full-year collections of both the basic PBT and the supplemental PBT began in FY 1993.

The following table provides historical information since FY 2004 on the basic PBT and the supplemental PBT, the major funding source for the Trust Fund.

Collection Period State Fiscal Year	Basic PBT	Supplemental PBT	
2022.04	¢ (7 4)	¢250.2	
2003–04	\$674.2	\$358.3	
2004–05	692.3	370.9	
2005–06	735.0	389.4	
2006–07	676.2	391.9	
2007–08	709.0	423.2	
2008–09	682.5	403.5	
2009–10	674.1	411.0	
2010–11	660.4	412.8	
2011–12	661.3	419.1	
2012–13	688.4	430.2	

ACTUAL BASIC AND SUPPLEMENTAL PBT COLLECTIONS (\$ millions)

Source: New York State Department of Taxation and Finance.

Several factors account for the changes in PBT revenues during the period referenced above.

Receipts for FY 2004 increased significantly over FY 2003. The main reason for the increase was the decrease in the relative price of residual fuel compared to natural gas. Tax collections for FY 2004 also reflect the 5 percent decline in PBT rates effective January 1, 2003 and the 5 percent increase effective January 1, 2004. Total collections include \$19.9 million from the carrier tax.

Receipts for FY 2005 increased over FY 2004. The collections reflect the 5 percent increase in PBT rates effective January 1, 2004 and another 5 percent increase effective January 1, 2005. The collections also reflect strong growth in diesel receipts. Total collections include \$21.9 million from the carrier tax.

Receipts for FY 2006 increased over FY 2005. The collections reflect the 5 percent increase in PBT rates effective January 1, 2005 and another 5 percent increase effective January 1, 2006. Total collections include \$21.6 million from the carrier tax.

Receipts for FY 2007 reflect the 5 percent increase in PBT rates effective January 1, 2006 and the 5 percent increase effective January 1, 2007. Basic PBT collections declined in FY 2007 due to a reduction in residual fuel use. Residual fuel use declined significantly in FY 2007 due to the increase in the relative price of residual fuel oil compared to natural gas. Total collections also include \$22.2 million from the carrier tax.

Receipts for FY 2008 increased over FY 2007. The collections reflect a 5 percent increase in PBT rates effective January 1, 2007 and a 1.2 percent decrease in PBT rates effective January 1, 2008. Total collections include \$23.1 million from the carrier tax.

Receipts for FY 2009 decreased over FY 2008. The collections reflect a 1.2 percent decrease in PBT rates effective January 1, 2008 and a 5 percent increase in PBT rates effective January 1, 2009. Total collections include \$20.6 million from the carrier tax.

Receipts for FY 2010 decreased over FY 2009. The collections reflect a 5 percent increase in PBT rates effective January 1, 2009 and a 5 percent decrease in PBT rates effective January 1, 2010. Total collections include \$18.4 million from the carrier tax.

Receipts for FY 2011 decreased over FY 2010. The collections reflect a 5 percent decrease in PBT rates effective January 1, 2010 and a 5 percent increase in PBT rates effective January 1, 2011. Total collections include \$17.1 million from the carrier tax.

Receipts for FY 2012 increased over FY 2011. The collections reflect a 5 percent increase in PBT rates effective January 1, 2011 and a 5 percent increase in PBT rates effective January 1, 2012. Total collections include \$19.2 million from the carrier tax.

Estimated receipts for FY 2013 increased over FY 2012. The collections reflect a 5 percent increase in PBT rates effective January 1, 2012 and a 5 percent increase in PBT rates effective January 1, 2013. Total collections include \$21.0 from the carrier tax.

Actual and Estimated Revenues from Dedicated PBT. Actual receipts since FY 2004 and DOB's estimates of receipts from the dedicated PBT for FY 2014 are as set forth in the following table:

State Fiscal Year	Dedicated Funds Pool (\$ millions)	Trust Fund Revenue (\$ millions)	Trust Fund Share
2003–04	\$ 921.1	\$580.3	63.0%
2004–05	950.2	598.6	63.0
2005–06	1,002.4	631.5	63.0
2006–07	958.6	603.9	63.0
2007–08	1,017.1	640.8	63.0
2008–09	973.6	613.4	63.0
2009–10	972.2	612.5	63.0
2010–11	961.9	605.9	63.0
2011–12	970.8	611.6	63.0
2012–13	1,005.6	633.5	63.0
2013–14 ^(a)	1,047.6	660.0	63.0

Trust Fund Revenues from PBT

^(a) Estimated.

The estimate reflects the FY 2014 Enacted Budget. In formulating its projection for FY 2014, DOB made various assumptions regarding income, gasoline prices and consumption, fuel efficiency of the motor vehicles in the State and certain demographic trends. Forecasts of these variables are generated by DOB's own economic models of the United States and State economies, and a forecast published by the Federal Energy Information Administration ("EIA"). These assumptions were supplemented with year-to-date actual receipts. The estimates for PBT receipts from gasoline motor fuel are consistent with the consumption estimates used in forecasting motor fuel tax receipts. The PBT forecast also incorporates the indexing provisions that increased the rates by 5 percent on January 1, 2013, and are projected to increase the rates by 3.0 percent on January 1, 2014.

In formulating its estimates of PBT revenues from diesel motor fuel, DOB relied upon its own forecast of nationwide economic conditions, as reflected in national gross domestic product, and upon indicators of New York business activity. The estimates for PBT receipts from diesel motor fuel are also consistent with the consumption estimates used in forecasting motor fuel tax receipts.

The balance of the tax consists of tax paid with respect to commercial and utility usage of non highway-use diesel fuel and residual fuel oils (Nos. 4, 5 and 6 oils) and aviation fuel. The forecast anticipates that total tax collections from these fuels will remain flat in FY 2014. The estimated receipts include \$21.0 million in FY 2014 from the carrier tax.

Legislation adopted with the FY 2007 Enacted Budget provided a partial or full exemption for alternative fuels from the PBT. Legislation adopted with the FY 2012 Enacted Budget extended the exemption until September 2012. Legislation adopted with the FY 2013 Enacted Budget extends the exemption until September 2014.

Legislation adopted with the FY 2014 Enacted Budget provides a reimbursement for motor fuel and diesel motor fuel purchased and used by volunteer emergency first responders.

Dedicated Motor Fuel Tax

General. MFT revenue is derived from an eight-cent-per-gallon excise tax levied with respect to gasoline and diesel motor fuels, generally for highway use. The aggregate rate of tax on gasoline was last

changed on February 1, 1972, when it was increased from seven cents to eight cents per gallon. The aggregate rate of tax on diesel motor fuel was last changed on January 1, 1996 when it decreased from ten cents to eight cents per gallon.

Prior to April 1, 2000, 50 percent of MFT gasoline revenue was earmarked to the Trust Fund. Effective April 1, 2000, legislation enacted in 2000 earmarked 67.7 percent of gasoline MFT revenue and 31.5 percent of diesel MFT revenue to the Trust Fund. Effective April 1, 2001, legislation enacted in 2000 increased the diesel MFT revenue to the Trust Fund from 31.5 percent to 49.2 percent. Effective April 1, 2003, legislation adopted with the FY 2001 Enacted Budget earmarked 81.5 percent of MFT gasoline revenue and 63.0 percent of MFT diesel revenue to the Trust Fund.

Tax Imposition and Payment. The tax on motor fuel is payable by distributors registered with the State. The gasoline motor fuel tax is imposed when gasoline is imported (or caused to be imported) into the State for sale or use in the State, or manufactured in the State. Generally, the tax on other non-diesel motor fuels earmarked to the Trust Fund (such as compressed natural gas, propane, methanol and ethanol) is remitted by the dealer selling it as motor fuel. The tax on diesel motor fuel is imposed on the first non-exempt sale of diesel in the State.

Most petroleum businesses remit these taxes on a monthly basis. Businesses with yearly MFT and PBT liability totaling more than \$5 million remit the PBT and MFT for the first 22 days of the month by electronic funds transfer by the third business day thereafter. Tax for the balance of the month is paid with the monthly returns filed by the 20th of the following month. In FY 2012, 35 taxpayers, accounting for 93 percent of all motor fuel tax receipts, participated in the electronic funds transfer program.

Although the tax is remitted by distributors, the incidence of the tax falls primarily on final users of the fuel on the highways and waterways of the State. Governmental purchases are exempt from the tax. Fuel purchased for certain road vehicles (such as fire trucks, buses used in local transit, taxicabs and ambulances), upon which the tax has been paid, may be eligible for full or partial reimbursement of the MFT. Reimbursement of the tax is also available for fuel not used on the highways (e.g., fuel used in farming). Certain exemptions, including sales of kero-jet fuel for use in airplanes and sales to exempt organizations, apply only to the diesel motor fuel.

Actual and Estimated Revenues from Dedicated Motor Fuel Tax. Actual receipts since FY 2004 and DOB's forecast of Trust Fund receipts from the gasoline and diesel MFT for FY 2014 are set forth in the following table:

Trust Fund Revenues From MFT (\$ millions)

State Fiscal Year	Gasoline MFT	Diesel MFT	Total Revenues
2003–04	\$377.2	\$33.2	\$410.4
2004–05	377.7	41.8	419.5
2005–06	376.4	43.4	419.8
2006–07	362.8	43.0	405.8
2007–08	369.8	44.8	414.6
2008–09	356.1	42.2	398.3
2009–10	360.1	41.0	401.1
2010–11	363.7	44.0	407.7
2011–12	354.0	42.4	396.4
2012–13	348.1	41.2	389.3
2013–14 ^(a)	353.0	42.0	395.0

^(a) Estimated.

In formulating the gasoline motor fuel tax forecast, DOB relied principally upon relationships among gross domestic product, income, gasoline prices and gasoline demand that have been established by DOB's own economic forecast and the EIA. Gasoline consumption is estimated to increase in FY 2014.

To develop the diesel MFT forecast, DOB relied primarily on its own forecasts of State economic conditions, as reflected in real gross domestic product ("GDP"). Diesel consumption is estimated to increase in FY 2014.

Legislation adopted with the FY 2007 Enacted Budget provided a partial or full exemption for alternative fuels from the MFT. Legislation adopted with the FY 2013 Enacted Budget extended the exemption until September 2014. The financial impact to the Dedicated Highway and Bridge Trust Fund is minimal.

Highway Use Tax

General. The highway use tax includes three components: the truck mileage tax, the fuel use tax, and registration fees. Under current law, all HUT receipts are earmarked to the Trust Fund.

Since 1951, the truck mileage tax has been levied on commercial vehicles having a loaded gross weight of more than 18,000 pounds. In 1961, the State gave carriers the option of using an unloaded weight basis to compute truck mileage tax liability. A motor carrier pays tax based on both the number of miles driven on the public highways of this State and the weight of the vehicle.

Legislation enacted in 1998 reduced the truck mileage tax by 25 percent, effective January 1, 1999, and increased the percentage of motor vehicle registration fees flowing to the Trust Fund to hold the Fund harmless from this and other tax and fee reductions and to increase the flow of funds to the Trust Fund by approximately \$25 million.

Effective April 1, 2001, legislation adopted with the FY 2001 Enacted Budget reduced the supplemental truck mileage tax by 20 percent. To hold the Trust Fund harmless, legislation enacted with the Budget also increased the flow of motor vehicle fees to the Trust Fund (See "Dedicated Motor Vehicle Fees" below).

The fuel use tax is a complement to the State motor fuel and sales taxes. In contrast to the latter taxes, which are imposed upon the amount of fuel purchased within the State, the fuel use tax applies to fuel purchased outside New York State by trucks and tractors and by foreign or interstate bus carriers, but used while traveling on the public highways of the State.

The 1994 legislation enabled the State to join the federally mandated International Fuel Tax Agreement ("IFTA") on January 1, 1996. This agreement provides for the uniform reporting and collection of fuel-use-related taxes among IFTA jurisdictions. IFTA reduces and simplifies the reporting requirements of truckers by permitting motor carriers to file a single tax return with their base state. The base state then distributes revenues back to the other IFTA jurisdictions based on the miles traveled in those jurisdictions. Under IFTA, jurisdictions may impose a fuel use tax only on vehicles with gross weights of over 26,000 pounds or with three or more axles. New York's law required the fuel tax on vehicles with gross weights of over 18,000 pounds. Therefore, on and after January 1, 1996, the State fuel use tax no longer applied to vehicles that weigh between 18,000 and 26,000 pounds. To avert a loss in revenues flowing to the Trust Fund due to the 1994 legislative changes in truck mileage and fuel use taxes, that legislation increased the percentage of motor vehicle registration fees flowing to the Trust Fund from 13 percent to 17 percent on January 1, 1995 and to 20 percent on January 1, 1996.

Prior to July 1, 2007, commercial carriers liable for the truck mileage tax would purchase a highway use permit/sticker for each qualifying vehicle. Permits were issued triennially at an initial cost of \$15 with subsequent renewals of \$4 for motor vehicles and \$2 for trailers. With the enactment of the replacement fee proposal in the FY 2010 Enacted Budget, all permits cost \$15. Decals cost \$4.

On August 10, 2005, a Federal law was enacted that restricted the ability of States to require motor carriers to display a permit sticker. (This law was repealed on September 6, 2008, in a technical corrections bill). On July 1, 2007, New York State replaced the permit system with a registration system to adhere to this Federal transportation law.

The current registration system is based on the license plate number of each vehicle. The Commissioner of the Department of Taxation and Finance has mailed out decals to TMT carriers and effective February 1, 2013, all vehicles required to register must display a decal or be subject to citation. The Commissioner could deny registration if the carrier has not paid monies due from any other tax. There is now a civil penalty for any person who fails to obtain a certificate of registration when it is required. Special permits are issued for the transportation of motor vehicles, for automotive fuel carriers, and for trips into New York State not to exceed 72 hours.

Actual and Estimated Revenues from Highway Use Tax. The table below shows actual receipts since FY 2004 and DOB's forecast of HUT receipts for FY 2014. The forecast reflects the FY 2014 Enacted Budget and is based upon forecasts of national and State economic conditions and motor fuel prices.

Trust Fund Revenues From HUT

State Fiscal Year	Revenues (\$ millions)
2003–04	\$146.6
2004–05	151.4
2005–06	160.2
2006–07	152.7
2007–08	148.0
2008–09	140.9
2009–10	137.2
2010–11	129.2
2011–12	132.1
2012-13	145.0
2013–14 ^(a)	140.0

(a) Estimated.

Legislation adopted with the FY 2007 Enacted Budget capped State sales tax on motor fuel and diesel motor fuel at eight cents per gallon. This change reduces the receipts from the fuel use tax sales tax component.

The State also provided a partial or full exemption for alternative fuels from the fuel use tax to September 1, 2012. Legislation adopted with the FY 2013 Enacted Budget will extend the exemption for two years. The financial impact to the Highway and Bridge Trust Fund is minimal.

Legislation adopted with the FY 2010 Enacted Budget increased the highway use tax fee for a registration certificate from \$4 to \$15 for a motor vehicle, and from \$2 to \$15 for a trailer, semi-trailer, dolly or other drawn device.

Dedicated Motor Vehicle Fees

General. Motor vehicle fees are derived from a variety of sources, but consist mainly of vehicle registration and driver licensing fees.

A percentage of State motor vehicle registration fees is earmarked to the Trust Fund. These motor vehicle fees derive from the registration of passenger vehicles, trucks, vans, motorcycles, trailers, semitrailers, buses, and other types of vehicles operating on the public highways of the State.

The State Department of Motor Vehicles ("DMV") administers motor vehicle registration provisions of the State Vehicle and Traffic Law. County clerks in most counties act as agents for the State in administering the issuance of most types of motor vehicle registration. Motor vehicle registration renewals generally are accomplished by mail.

With the exceptions of buses, which are charged according to seating capacity, and semitrailers, which are currently registered at a flat fee of \$23, motor vehicle registration fees in the State are currently based on vehicle weight. Since July 1, 1998 passenger vehicles are registered at graduated annual rates of 64.5 cents per 100 lbs. up to 3,500 lbs., and 97 cents for each 100 lbs. over 3,500 lbs., with a maximum

yearly registration fee of \$56.06. The yearly registration fee for trucks and light delivery vehicles is \$2.88 per 500 lbs. of maximum gross weight. Tractors are registered at an annual fee of \$1.21 per 100 lbs. of maximum gross weight. Motorcycles, snowmobiles, all-terrain vehicles, ambulances, trucks used exclusively in the transportation of household goods, and other specialized vehicles have separate registration fee schedules.

Legislation enacted in 1989 mandated biennial registration of all motor vehicles weighing less than 18,000 lbs. Thus, most motor vehicle registrations are issued and renewed for two-year periods; registrations are staggered evenly throughout the months to ensure an even workload.

To avert a loss in revenues flowing to the Trust Fund as a result of reducing and eliminating the truck mileage tax imposed on Thruway mileage, 1994 legislation increased the percentage of motor vehicle registration fees flowing to the Trust Fund from 13 percent to 17 percent on January 1, 1995, and to 20 percent on and after January 1, 1996.

Legislation which was enacted with the State's FY 1998 Budget eliminated certain refunds of registration fees. It was later repealed, making refunds available again.

Legislation enacted with the State's FY 1999 Budget reduced the registration fees for passenger vehicles by 25 percent, starting July 1, 1998 (see above), and increased the county clerk's retention as payment for collecting these fees. Both to hold the Trust Fund harmless from this reduction and to increase the flow of revenue to the Trust Fund by approximately \$25 million, legislation enacted with the FY 1999 Budget increased the percentage of registration fees earmarked to the Trust Fund to 28 percent, effective April 1, 1998, and to 34 percent, effective July 1, 1998. Also, to hold the Trust Fund harmless from the 25 percent reduction of the truck mileage tax, such legislation increased the percentage of registration fees earmarked to the Trust Fund to 45.5 percent, effective February 1, 1999.

Legislation enacted in 1999 increased county clerks' retention fees from 9.3 percent to 12.7 percent, effective April 1, 1999.

To increase the amount of revenues flowing to the Trust Fund and to hold the Trust Fund harmless from the PBT tax cuts enacted in 2000, legislation enacted with the FY 2001 State Budget earmarked the remaining 54.5 percent of motor vehicle registration fees to the Dedicated Funds Pool. The Trust Fund will receive 63 percent of such motor vehicle fees. Effective April 1, 2001, 23.5 percent of certain motor vehicle registration fees were deposited to the Dedicated Funds Pool. That percentage increased to 54.5 percent effective April 1, 2002.

In addition, legislation enacted with the FY 2001 Enacted Budget directed the State Comptroller to deposit into the Dedicated Funds Pool \$28.4 million in FY 2003, \$67.9 million in FY 2004 and \$170.1 in FY 2005. Of these amounts, 63 percent were directed to the Trust Fund.

Effective April 1, 2001, to hold harmless the Trust Fund from the 20 percent reduction of the supplemental truck mileage tax, legislation enacted with the FY 2001 State Budget also directed an amount of non-registration motor vehicle fees to be deposited in the Trust Fund. The amount is equal to 10 percent of the base truck mileage tax. See "Highway Use Tax", above.

Legislation enacted with the FY 2002 State Budget directed the deposit of \$169 million of nonregistration motor vehicle fee revenues to the Trust Fund in FY 2002. Legislation enacted with the FY 2003 State Budget redirected \$171.6 million of non-registration motor vehicle fees to the Trust Fund in FY 2003 and \$152.7 million in FY 2004. The FY 2004 Enacted Budget directed \$170.1 million of additional other motor vehicle fees to the Dedicated Funds Pool in FY 2005 and thereafter and directed \$59.9 million from the General Fund to the Trust Fund in FY 2005. It also increased the certificate of vehicle sale fee (estimated to be \$12.0 million), the original title application fee (estimated to be \$14.7 million), and the vehicle safety inspection fee (estimated to be \$21.2 million) in FY 2005 and thereafter for deposit to the Trust Fund.

The FY 2006 Enacted Budget moved \$169 million of all of the remaining non-registration funds still deposited into the General Fund to the Dedicated Funds Pool, effective April 1, 2005. Legislation adopted with the FY 2012 Enacted Budget amended the \$169 million provision by including all funds (fees, taxes, fines, and assessments) and not just the non-dedicated portion. The FY 2006 Enacted Budget increased certain non-registration fees, including title fees estimated to be \$39.4 million in FY 2006 and \$78.8 million thereafter. Revenues from these fee increases are deposited in the Dedicated Funds Pool in FY 2006 and thereafter.

Legislation adopted with the FY 2010 Enacted Budget increased license fees by 25 percent for a revenue increase of \$18.8 million in FY 2010 and \$36.4 million in FY 2011. The additional revenues from this increase are directed to the Trust Fund.

In addition, most registrations increased by 25 percent for a revenue increase of \$51.9 million in FY 2010 and \$103.4 million in FY 2011. The additional revenues from this increase are directed to the Trust Fund.

Also, the license plate fee increased from \$15 to \$25 effective April 1, 2010, resulting in an estimated revenue increase of \$20 million. The additional revenues from this increase are directed to the General Fund.

There is also a MTA supplemental registration and license fee imposed on motorists living in the MCTD. The additional revenues from these supplemental fees will be directed to the MTA.

Actual and Estimated Revenues from Motor Vehicle Fees. DOB has forecasted the registration fees for passenger and commercial motor vehicles and other motor vehicle fees for FY 2014. The forecast reflects the State's FY 2014 Enacted Budget.

Trust Fund Revenues From MVF

State Fiscal Year	Revenues (\$ millions)
2022.04	¢ 4 C O 1
2003–04	\$468.1
2004–05	524.5
2005–06	495.1
2006–07	556.4
2007–08	568.2
2008–09	542.0
2009–10	626.6
2010–11 ^(a)	813.3
2011–12 ^(a)	811.6
2012–13 ^(a)	800.9
2013–14 ^{(a)(b)}	811.0

^(a) Includes all motor vehicle receipts that are directed to the Trust Fund. Nearly \$107 million in CSR revenues, that are collected by the DMV, are now included in this amount.

^(b) Estimated.

Auto Rental Tax

The State imposes an auto rental tax on any rental or use in New York State of a passenger car with a gross vehicle weight of 9,000 pounds or less that has seating capacity for nine or fewer passengers. The tax rate was increased from five percent to six percent on charges for the rental. Legislation enacted with the FY 2003 State Budget increased the amount of revenue that flows to the Trust Fund by shifting the auto rental tax receipts from the General Fund to the Trust Fund, effective April 1, 2002. Legislation in the FY 2010 Enacted Budget increased the auto rental tax from 5 to 6 percent. There is also a MTA supplemental tax of 5 percent imposed on passenger car rentals within the MCTD. Revenues from this supplemental tax are directed to the MTA and are not included in the table below.

Trust Fund Revenues From Auto Rental Tax

State Fiscal Year	Revenues (\$ millions)
2003–04	\$38.6
2004–05	
2005–06	
2006–07	
2007–08	
2008–09	
2009–10	
2010–11	
2011–12	
2012–13	
2013–14 ^(a)	

^(a) Estimated.

Transmission and Transportation Taxes

The State imposes franchise taxes on transmission and transportation companies doing business in New York State. Under Section 183 of the Tax Law, companies pay tax based on the highest of three alternatives: allocated value of issued capital stock at a tax rate of 1.5 mills (.0015); allocated value of issued capital stock on which dividends are paid at a rate of 6 percent or more, at a tax rate of 0.375 mills (.000375) for each 1 percent of dividends paid, or a rate of 1.5 mills (.0015) to capital stock on which dividends are not paid, or are paid at a rate of less than 6 percent; or a minimum tax of \$75. Section 184 of the Tax Law provides for a tax rate of 0.375 percent of gross earnings. The FY 2004 Enacted Budget increased the flow of funds to the Dedicated Highway and Bridge Trust Fund by shifting 20 percent of receipts from the transmission and transportation taxes from the General Fund, effective April 1, 2004. The FY 2006 Enacted Budget continued these additional deposits through March 31, 2010. The FY 2010 Enacted Budget extended these additional deposits through March 31, 2015. Since April 1, 2004, 80 percent of transmission and transportation taxes have been deposited into the Mass Transportation Operating Assistance Fund ("MTOAF"), with the remaining amounts deposited into the Trust Fund.

The following table shows deposits of transmission and transportation taxes into the MTOAF and the Trust Fund since FY 2005 and DOB estimate of such deposits for FY 2014. The estimate for FY 2014 reflects the FY 2013 Enacted Budget.

Transmission and Transportation Taxes Deposits to MTOAF and Trust Fund

State Fiscal Year	MTOAF <u>(\$ millions)</u>	Trust Fund <u>(\$ millions)</u>
2004–05	\$64.5	\$16.1
2005–06	73.9	18.4
2006–07	68.4	17.1
2007–08	60.3	15.1
2008–09	71.8	17.9
2009–10	78.6	19.7
2010–11	65.6	16.4
2011–12	53.1	13.3
2012–13	58.6	14.6
2013–14 ^(a)	58.0	15.0

(a) Estimated.

Certain Special Revenues

Since April 1, 1999, certain transportation-related fees and charges have been deposited in the Dedicated Highway and Bridge Trust Fund. Prior to FY 2000, these transportation-related fees were deposited to the credit of four State special revenue funds. The FY 2000 Enacted Budget redirected these fees, through administrative action, to the Trust Fund. These fees are generated from the sale of permits for transportation of oversized and/or overweight cargo over the State's highways and bridges, the sale of permits for highway work, fees imposed for directional and outdoor advertising signs posted along State highways, and miscellaneous other transportation-related fees. These fees have been deposited directly in the Trust Fund. Some of the fee schedules associated with these Trust Fund Revenues are subject to change by the Commissioner of Transportation.

The FY 2004 Enacted Budget moved receipts from the DMV data search fees (\$50.0 million) from the General Fund to the Trust Fund, effective April 1, 2003. The FY 2004 Enacted Budget also increased data search fees effective April 1, 2004; the additional receipts have been deposited into the Trust Fund since April 1, 2004.

The FY 2005 Enacted Budget increased overweight truck fees, which were estimated to bring in an additional \$0.8 million in FY 2005, and \$1.5 million per year thereafter.

The FY 2006 Enacted Budget increased the data sales fee, insurance buyback fee and salvaged vehicle inspection fee, generating an additional \$21 million on a fully-annualized basis in FY 2007.

The FY 2007 Enacted Budget dedicated DMV fee increases of \$3.6 million for the driver responsibility program in FY 2007, and increasing to \$28.6 million per year thereafter.

The FY 2012 Enacted Budget recognizes \$2.1 million in receipts from private sector partnerships in funding State HELP trucks.

The FY 2013 Executive Budget merges the DOT accident damage account with the Dedicated Highway and Bridge Trust Fund, increasing the dedicated revenues by \$19.5 million in FY 2013 and \$24 million thereafter.

Certain Special Revenues

State Fiscal Year	Revenues (\$ millions)
2003–04	\$ 64.7
2004–05	81.2
2005–06	82.2
2006–07	101.3
2007–08	129.9
2008–09	155.6
2009–10	144.9
2010–11 ^(a)	29.3
2011–12	30.3
2012–13	42.9
2013–14 ^(b)	51.6

^(a)Nearly \$107 million in receipts are now categorized under motor vehicle receipts. Only dedicated receipts collected by the Department of Transportation are included in this category.

^(b) Estimated.

Build America Bonds Subsidy

The American Recovery and Reinvestment Act of 2009 ("ARRA") authorized the Build America Bonds ("BABs") program, which offered issuers the opportunity to issue taxable bonds for capital projects that would otherwise qualify for tax-exemption and receive a subsidy equal to 35 percent of each interest payment from the U.S. Treasury. The Trust Fund receives a 35 percent interest subsidy on the Second General Trust Fund Bonds Series 2010B.

Trust Fund Revenues from BABs Subsidy

State Fiscal Yea	ır	Revenues <u>(\$ millions)</u>
2010–11		\$5.6
		5.4
2012–13		5.4
2013–14 ^(a)		4.9
2013–14 ^(a)		4.

^(a) Estimated.

Actual and Estimated Trust Fund Revenues

The following table provides a summary of the actual and estimated Trust Fund Revenues derived from the sources discussed above.

State Fiscal Year	PBT	MFT	НИТ	MVF	ART	ттт	CSR	BABs	Total
2003–04	\$580.3	\$410.4	\$146.6	\$468.1	\$38.6	_	\$64.7	_	\$1,708.7
2004–05	598.6	419.5	151.4	524.5	39.8	\$16.1	81.2		1,831.1
2005–06	631.5	419.8	160.2	495.1	42.3	18.4	82.2		1,849.5
2006–07	603.9	405.8	152.7	556.4	45.5	17.1	101.3		1,882.7
2007–08	640.8	414.6	148.0	568.2	47.0	15.1	129.9		1,963.6
2008–09	613.4	398.3	140.9	542.0	60.7	17.9	155.6		1,928.8
2009–10	612.5	401.1	137.2	626.6	51.7	19.7	144.9		1,993.7
2010–11	605.9	407.7	129.2	813.3	60.0	16.4	29.3	\$5.6	2,067.4
2011–12	611.6	396.4	132.1	811.6	65.0	13.3	30.3	5.4	2,065.7
2012–13	633.5	389.3	145.0	800.9	68.0	14.6	42.9	5.4	2,099.6
2013–14 ^(a)	660.0	395.0	140.0	811.0	71.0	15.0	51.6	4.9	2,148.5

Actual and Estimated Trust Fund Revenues (\$ millions)

^(a) Estimated.

Factors Affecting Trust Fund Revenues

The discussion above has generally covered receipts since FY 2003. Trust Fund receipts should also be viewed from a long term perspective.

An examination of historical data for the calendar years 1971 through 2010 by DOB suggests that the revenues that would have flowed to the Trust Fund would have been affected positively or negatively by factors which include but are not limited to: (1) State legislative changes affecting the tax rates, the tax base, payment schedules and the allocation of receipts to the Trust Fund; (2) overall economic conditions in the State; (3) population growth in the State; (4) significant changes in the price of petroleum and refined petroleum products; (5) improvements in the fuel efficiency of automobiles; (6) the use of the extensive public transportation network of subways, buses and commuter rails; (7) world political events, such as the OPEC oil embargo (1973-75), the Persian Gulf War (1990-91), the terrorist attacks on September 11, 2001 and the war in Iraq; (8) variations in climate and in the price of natural gas relative to certain competing taxable petroleum products, which primarily affect the consumption of sulfur dioxide emissions from facilities burning fossil fuels; (10) the shift in the State from a manufacturing-based to service-based economy; (11) State and Federal initiatives encouraging energy efficiency and environmental protection; (12) impact of utility deregulation on Statewide supply and demand of electricity; and (13) tax evasion and Federal and State enforcement measures.

Historically, the price of refined petroleum products has tended to increase over the long term. An examination of the factors mentioned above over the period covered by the historical data demonstrates that even relatively sharp price increases have not had a permanent adverse effect on motor fuel consumption levels. Furthermore, the impact of higher prices on motor fuel consumption (by far the largest component of Trust Fund receipts) is relatively limited. The data suggest that short-term demand is relatively inelastic in the face of price changes, and that motor fuel tax collections have thus been relatively stable, compared with the price of refined petroleum products.

General economic conditions also have an impact upon fuel consumption. During recessions, motor fuel consumption declines as business activity slows. Motor fuel consumption, however, recovers and begins to grow during periods of economic strength. In general, motor fuel tax collections flowing to the Trust Fund have remained relatively constant over the period covered by the historical data. The PBT, being affected by both price and quantity changes, shows somewhat more variability. Although the bulk of the interval covered by the historical data is marked by growth, there were periods when the revenue effects of changes in consumption were offset by price changes.

Likewise, motor vehicle registration fee receipts have been primarily influenced over the period covered by the historical data by population, economic conditions, and statutory changes. Over the period covered by the historical data, motor vehicle registration fees would have provided a modestly growing source of revenue for the Trust Fund.

Generally, over the period covered by the historical data discussed above, the sources of revenue dedicated to the Trust Fund were subject to a variety of extreme economic and political conditions, yet would have provided a reasonably stable and moderately growing flow of revenue to the Trust Fund without intervention by the State. There can be no assurances, however, that future economic, political or statutory changes will not materially reduce the flow of revenues to the Trust Fund. In such an event, the State may, but is not obligated to, consider remedial actions, including but not limited to, restructuring revenues available to the Trust Fund or program activity.

Section 2: Subsection J

New York State Medical Care Facilities Finance Agency, Mental Health Services Facilities Improvement Revenue Bonds and Dormitory Authority of the State of New York, Mental Health Services Facilities

Improvement Revenue Bonds

"Department of Mental Hygiene"

This Subsection J contains information required to be updated relating solely to obligations issued by the New York State Medical Care Facilities Finance Agency (now known as the Dormitory Authority of the State of New York) for Mental Health Services Facilities Improvement Revenue Bonds and the Dormitory Authority of the State of New York for Mental Health Services Facilities Improvement Revenue Bonds. Capitalized terms used in this Subsection and not otherwise defined shall have the meanings ascribed to them in the related Official Statements.

The Department

Department of Mental Hygiene

The Department was established on January 1, 1927, replacing and consolidating the functions of the State Hospital Commission and the State Commission for Mental Defectives. Pursuant to legislation effective in 1978, as amended in 1992, the Department is organized into three autonomous offices:

- 1. The Office of Mental Health ("OMH");
- 2. The Office for People With Developmental Disabilities ("OPWDD"); and
- 3. The Office of Alcoholism and Substance Abuse Services ("OASAS").

These three units function independently within the Department with complete responsibilities for the planning and administration of their respective programs. Each office is headed by a commissioner appointed by the Governor with the advice and consent of the Senate.

Office of Mental Health

As the State mental health agency, OMH has two main functions: assuring access to services of the highest quality for children with serious emotional disturbance and adults with serious mental illness, and promoting the mental health of all New Yorkers through a public health approach to education and advocacy. To that end, OMH works with local governments, voluntary agencies, and providers and consumers of mental health services to ensure appropriate care to those in need.

Currently, OMH operates 24 State psychiatric centers, including 15 facilities for adults, 4 for children and 3 for forensic patients, more than 50 residential care facilities, and over 100 outpatient programs. These provide a mix of inpatient, residential and outpatient services. In addition, OMH currently operates two research facilities, the Nathan S. Kline Institute and the New York State Psychiatric Institute, which conduct basic research into the causes and treatment of mental illness. OMH is responsible for regulating and licensing mental health programs operated by local governments and not-for-profit and proprietary agencies. In that capacity, OMH oversees a large array of programs, including more than 1,500 licensed inpatient, outpatient and residential programs and more than 3,000 unlicensed housing and support programs. In connection with the foregoing, OMH is responsible for, among other things, the regulation and licensing of certain of the Voluntary Agency Facilities financed with the proceeds of the Bonds as well as certain of the Voluntary Agency Facilities financed with the proceeds of the Prior Authority Bonds. Such regulation and licensing includes, among other things, participation in the determination as to the need for the facility, review of plans and specifications for construction of the facility, the right to conduct inspections and audits and the establishment of a reimbursement rate for client care. In addition, the capital costs and projected financing sources for any such Voluntary Agency Facilities financed from proceeds of the Bonds and the Prior Authority Bonds are subject to the approval of the New York State Division of the Budget ("DOB").

Office for People With Developmental Disabilities

OPWDD is charged with developing a comprehensive, cost-effective and integrated system of services to serve the full range of needs of individuals with developmental disabilities. OPWDD operates through a combination of five Regional Offices, which oversee the provision of not-for-profit services, and six State Operations Offices responsible for State-delivered programs and services. The 13 service districts within the State Operations Offices administer community-based and, where applicable,

institutionally-based service programs for persons with developmental disabilities within regional catchment areas. Institutional programs offer residential care and habilitative services in campus settings informally known as developmental centers and at special population units located throughout the State. The community-based service program, funded and regulated by OPWDD, reflects the cooperative efforts of local governments and voluntary not-for-profit service providers overseen by one of five Regional Offices, and OPWDD as a provider of services through a network of six State Operations offices. Community programs include State- and voluntary-operated residential and day services, as well as a variety of support services to families and individuals living in their own homes, including respite and crisis intervention, which help prevent unnecessary and costly out-of-home placement. In connection with the foregoing, OPWDD is responsible for, among other things, the regulation and licensing of certain of the Voluntary Agency Facilities financed with the proceeds of the Bonds as well as certain of the Voluntary Agency Facilities financed with the proceeds of the Prior Authority Bonds. Such regulation and licensing includes, among other things, participation in the determination as to the need for the facility, review of plans and specifications for construction of the facility, the right to conduct inspections and audits and the establishment of a reimbursement rate for services. In addition, the capital costs and projected financing sources for any such Voluntary Agency Facilities financed from proceeds of the Bonds and the Prior Authority Bonds are subject to the approval of DOB.

Office of Alcoholism and Substance Abuse Services

OASAS is responsible for assuring the development of comprehensive plans, programs and services in the areas of research, prevention, care, education, training, treatment and rehabilitation to address chemical dependencies and/or compulsive gambling problems of individuals and their families. OASAS will operate 12 inpatient Addiction Treatment Centers ("ATCs") that provide short-term intensive chemical dependence rehabilitation services. With the exception of the Kingsboro and the Van Dyke ATCs, all ATCs are housed on the grounds of State psychiatric centers. In addition, OASAS oversees an addiction treatment service system that provides a full array of drug, alcohol and compulsive gambling treatment, prevention and recovery programs that provide a continuum of care ranging from short-stay detoxification centers to long-term drug and alcohol free residential communities to a large diverse population of approximately 250,000 unique individuals each year. In connection with the foregoing, OASAS is responsible for, among other things, the regulation and licensing of certain of the Voluntary Agency Facilities financed with the proceeds of the Bonds as well as certain of the Voluntary Agency Facilities financed with the proceeds of the Prior Authority Bonds. Such regulation and licensing includes, but is not limited to, participation in the determination as to the need for the facility, review of plans and specifications for construction of the facility, the right to conduct inspections and audits and the establishment of a reimbursement rate for client care. In addition, the capital costs and projected financing sources for any such Voluntary Agency Facilities financed from proceeds of the Bonds and the Prior Authority Bonds are subject to the approval of DOB.

Department Facilities

A listing of institutions operated by each office of the Department, by category, follows. This listing excludes numerous small facilities in which these offices provide community services.

Office of Mental Health

Psychiatric Centers

Greater Binghamton Health Center Bronx Psychiatric Center Buffalo Psychiatric Center Capital District Psychiatric Center Creedmoor Psychiatric Center Elmira Psychiatric Center Kingsboro Psychiatric Center Manhattan Psychiatric Center

Children's Psychiatric Centers

New York City Children's Psychiatric Center⁽¹⁾ Rockland Children's Psychiatric Center

Forensic Facilities

Central New York Psychiatric Center Kirby Forensic Psychiatric Center

Research Facilities

Nathan S. Kline Institute for Psychiatric Research New York State Psychiatric Institute

Office for People With Developmental Disabilities⁽²⁾

Service Districts

Bernard M. Fineson Developmental Disabilities Services Office	Long Island Developmental Disabilities Services Office
Brooklyn Developmental	Metro New York Developmental
Disabilities Services Office	Disabilities Services Office
Broome Developmental Disabilities	Staten Island Developmental Disabilities
Services Office ⁽³⁾	Services Office
Capital District Developmental	Sunmount Developmental Disabilities
Disabilities Services Office	Services Office
Central New York Developmental	Taconic Developmental Disabilities
Disabilities Services Office	Services Office
Finger Lakes Developmental	Western New York Developmental
Disabilities Services Office	Disabilities Services Office
Hudson Valley Developmental	
Disabilities Services Office	

Mohawk Valley Psychiatric Center Pilgrim Psychiatric Center Richard H. Hutchings Psychiatric Center Rocklard Psychiatric Center St. Lawrence Psychiatric Center South Beach Psychiatric Center

Sagamore Children's Psychiatric Center

Western New York Children's Psychiatric Center

Mid-Hudson Forensic Psychiatric Center

Other Facilities

Institute for Basic Research in Developmental Disabilities Valley Ridge Center for Intensive Treatment⁽³⁾

Office of Alcoholism and Substance Abuse Services

Addiction Treatment Centers

Bronx Addiction Treatment Center Charles K. Post Addiction Treatment Center Creedmoor Addiction Treatment Center Dick Van Dyke Addiction Treatment Center John L. Norris Addiction Treatment Center Kingsboro Addiction Treatment Center McPike Addiction Treatment Center Russell E. Blaisdell Addiction Treatment Center Richard C. Ward Addiction Treatment Center South Beach Addiction Treatment Center St. Lawrence Addiction Treatment Center Margaret A. Stutzman Addiction Treatment Center

Population

Office of Mental Health

OMH's comprehensive Five-Year Plan continues to support the programmatic and fiscal strategy of implementing an integrated community based system of care. While OMH continues to monitor the need for State adult inpatient hospitalization, the plan calls for continued development of a comprehensive and integrated community mental health system, for which OMH proposes sponsoring continued State capital assistance to the voluntary, not-for-profit provider network.

In FY 2014, consistent with the Enacted Budget, OMH will staff and operate 2,913 beds in adult psychiatric centers, 460 children's beds and 720 forensic beds. OMH will also continue implementation of the Sex Offender Management and Treatment Act (SOMTA) at Central New York Psychiatric Center and St. Lawrence Psychiatric Center. In addition to inpatient hospital care, OMH will also continue to provide residential services to more than 4,000 individuals in State-operated programs, and outpatient services to more than 27,000 individuals across the State.

Office for People With Developmental Disabilities

Consistent with its comprehensive Five-Year Plan, OPWDD serves a diverse population of individuals with developmental disabilities including, but not limited to, persons with mental retardation, cerebral palsy, autism and epilepsy. OPWDD's programs are characterized by two related service systems: a State-operated institutional system and a community-based system with programs run by both the State and voluntary not-for-profit agencies.

⁽¹⁾ Chapter 56 of the Laws of 2012 (Part O, Section 1) created the New York City Children's Psychiatric Center as a singular facility resulting from the consolidation of the Bronx Children's Psychiatric Center, Queens Children's Psychiatric Center and Brooklyn's Children's Center.

⁽²⁾ Chapter 56 of the Laws of 2012 reorganized OPWDD into five Regional Offices to oversee not-for-profit delivered services and six State Operations offices solely responsible for State-delivered programs. The DDSOs remain an integral part of service delivery for State-delivered services and will be overseen by the larger State Operations offices.

⁽³⁾ Effective April 1, 2009, Valley Ridge Center for Intensive Treatment became part of Broome Developmental Disabilities Services Office.

The State-operated institutional system provides residential care and habilitative services to individuals at developmental centers and related special population units located throughout the State. The FY 2014 Enacted Budget supports a census of 1,015 individuals at the beginning of the State fiscal year. During FY 2014, OPWDD will continue to move individuals residing in institutions to more appropriate community settings.

The FY 2014 Enacted Budget supports the development of community residential and nonresidential services to support continued deinstitutionalization efforts and legally mandated populations, such as young adults aging out of either the special educational or foster care systems, and New York City Administration for Children's Services individuals, as well as resources to develop community program opportunities for individuals on registration lists.

The voluntary- and State-operated community-based service system provides a variety of day and residential programs for individuals. The emphasis in these programs is on habilitative and vocational services to meet the individualized needs of persons with developmental disabilities. The FY 2014 Enacted Budget includes resources for a FY 2014 start-of-year census of more than 8,000 consumers in State-operated community residential programs and approximately 4,500 consumers in State-operated day programs.

Office of Alcoholism and Substance Abuse Services

OASAS will operate 12 ATCs with a total bed capacity of 570 during FY 2014.

Population Statistics

The following are actual and projected population statistics for the State- and voluntary-operated residential programs of OMH, OPWDD and OASAS:

	0	ОМН		DD	OASAS
Year (as of 3/31)	Psychiatric <u>Center</u> ⁽¹⁾	Community <u>Residences</u> ⁽²⁾	Developmental <u>Center</u>	Community <u>Residences</u> ⁽³⁾	Addiction Treatment <u>Centers</u>
2004	4,130	26,900	1,634	32,250	652
2005	4,080	27,700	1,635	32,597	652
2006	3,969	27,755	1,605	33,157	652
2007	3,979	28,100	1,712	33,761	652
2008	3,934	30,600	1,657	34,148	652
2009	3,616	32,600	1,541	37,471	652
2010	3,388	34,300	1,434	37,909	600
2011	3,218	34,800	1,313	38,908	570
2012	2,970	36,200	1,169	39,012	570
2013	2,869	38,800	1,015	39,565	570
2014 (estimated)	2,913	40,700	731	40,120	570

(1) The actual and the estimated population statistics exclude 695 forensic beds and 460 children's beds. Figures beginning in 2007 also exclude individuals who are civilly committed to sexual offender treatment programs. Figures beginning in 2008 also exclude 20 forensic beds for which OMH maintains contingency plans depending on need. 100 beds for adult individuals with forensic or dangerous histories known as the Manhattan STAIR Unit are included in the actual and estimated population.

(2) Includes both licensed and unlicensed programs.

(3) Beginning in 2009, numbers reported include both licensed and unlicensed programs.

Income Available for Prior Authority Annual Payments and Annual Payments

Under applicable State statutes, the Authority is required to establish and maintain with the Commissioner of Taxation and Finance, as agent of the Authority, the Mental Hygiene Facilities Improvement Fund Income Account. The Authority is required to deposit therein or have credited thereto all payments made for the care, maintenance, and treatment of patients in every mental hygiene facility now or hereafter under the possession, jurisdiction, supervision and control of the Authority, all income from investments and all moneys received or to be received for the purposes of the Mental Hygiene Facilities Improvement Fund Income Account on a recurring basis. Following deposit of receipts in the Mental Hygiene Facilities Improvement Fund Income Account, amounts therein are transferred to the Services Fund pursuant to State law.

Substantially all of the Medicaid receipts shown below represent the Federal share thereof. The Federal government traditionally pays 50 percent under Medicaid and 100 percent under Medicare of allowable costs of covered services to eligible patients. The State share of Medicaid, which is used for inpatient services, is not available for the payment of Annual Payments and therefore is not reflected in the following tables.

The following table shows the amounts received in the Mental Hygiene Facilities Improvement Fund Income Account (not including Voluntary Agency Payments) and transferred to the Services Fund and that were available for (i) Prior Authority Annual Payments with respect to the Prior Authority Bonds, and Annual Payments with respect to the Bonds, and (ii) annual debt service for the Prior Authority Bonds and the Bonds, for FYs 2009 through 2013 inclusive.

HISTORICAL RECEIPTS AVAILABLE FOR PRIOR AGENCY ANNUAL PAYMENTS, PRIOR AUTHORITY ANNUAL PAYMENTS AND ANNUAL PAYMENTS, AND ANNUAL DEBT SERVICE FOR PRIOR AUTHORITY BONDS AND BONDS (millions of dollars)

	<u>2008-09</u>	<u>2009-10</u>	<u>2010-11</u>	<u>2011-12</u>	<u>2012-13</u>
Medicaid Medicare Other Total	\$3,076.59 53.57 <u>137.85</u> <u>\$3,268.01</u>	\$3,559.22 105.68 <u>164.55</u> <u>\$3,829.45</u>	\$3,757.33 81.08 <u>146.03</u> <u>\$3,984.44</u>	\$3,230.04 83.75 <u>159.21</u> <u>\$3,473.00</u>	\$3,032.62 65.69 <u>137.87</u> <u>\$3,236.18</u>
Annual Debt Service*	\$ 204.33	\$ 351.30	\$ 282.03	\$ 315.95	\$ 311.18
Debt Service Coverage	15.99x	10.90x	14.13x	10.99x	10.40x

The following table prepared by OPWDD, OMH and OASAS, in consultation with the State DOB, is based upon the FY 2014 Enacted Budget, and shows the projected receipts available for payment of annual debt service for the Prior Authority Bonds and the Bonds. This table also includes projected annual debt service for the Prior Authority Bonds and the Bonds.

Projected Receipts Available for Prior Authority Annual Payments and Annual Debt Service for the Prior Authority Bonds and the Bonds

DEPARTMENT OF MENTAL HYGIENE FIVE-YEAR REVENUE PROJECTIONS (millions of dollars)

	<u>2013-14</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>
OPWDD					
Medicaid	\$1,384.69	\$ 954.11	\$ 927.67	\$ 820.84	\$ 820.84
Medicare	0.10	0.10	0.10	0.10	0.10
Other	68.22	212.95	56.64	50.43	50.43
Subtotal	\$1,453.01	\$1,167.15	\$ 984.41	\$ 871.37	\$ 871.37
ОМН					
Medicaid	\$ 554.77	\$ 521.97	\$ 522.04	\$ 525.36	\$ 525.36
Medicare	74.74	74.74	74.74	74.74	74.74
Other	53.25	70.94	70.94	70.94	70.94
Subtotal	\$ 682.76	\$ 667.65	\$ 667.71	\$ 671.04	\$ 671.04
OASAS					
Other	<u>\$ 15.82</u>	<u>\$ 15.82</u>	<u>\$ 16.21</u>	<u>\$ 16.41</u>	<u>\$ 16.41</u>
Subtotal	\$ 15.82	\$ 15.82	\$ 16.21	\$ 16.41	\$ 16.41
CQCAPD	<u>\$ 3.91</u>				
Gross Receipts	<u>\$2,155.50</u>	<u>\$1,854.53</u>	<u>\$1,672.24</u>	<u>\$1,562.73</u>	<u>\$1,562.73</u>
Annual Debt Service ⁽¹⁾	\$ 295.76	\$ 282.36	\$ 274.51	\$ 260.69	\$ 255.06
Debt Service Coverage ⁽¹⁾	7.29x	6.57x	6.09x	5.99x	6.13x

(1) Includes debt service on all outstanding bonds. However, this does not include amounts equal to the debt service on the Personal Income Tax (PIT) Revenue Bonds that were issued to finance State Facilities and Voluntary Agency Facilities and are required to be retained in the Services Fund and transferred to the Revenue Bond Tax Fund. On a going forward basis it is assumed that PIT Revenue Bonds will be used to finance all State Facilities and Voluntary Agency Facilities.

Factors Affecting Revenue Projections

As with any long-term projection, the level of revenue expected to be received by the Department in the above projections is dependent on many factors. Among these are patient and client census, the certification status of facilities as participants in the Medicare and Medicaid programs, and Federal and State reimbursement policies. A change in any of these factors can affect the revenues to be deposited in the Services Fund.

Census - Both total census and the proportion of patients who are Medicaid- or Medicare-eligible or can otherwise pay for their care are subject to change and therefore affect total revenue. Of particular significance is that over three quarters of OMH revenue is received through the Medicaid program, which does not provide reimbursement of inpatient costs for individuals from the ages of 21 through 64. To the extent the projection of total census or of the proportion of the population eligible for Medicaid is incorrect revenue may be above or below projected levels. Assumptions regarding the percent of the age-eligible population that will in fact meet billing criteria are also a factor. The Department considers census assumptions for the FY 2014 through FY 2017 forecast years to be relatively conservative.

No age limitations are imposed on OPWDD Medicaid eligibility, and substantially all consumers are in fact Medicaid-eligible.

Certification - Department facilities are periodically reviewed by Federal surveyors to determine continued eligibility as certified Medicaid or Medicare service providers. The revenue projections shown above may be overstated to the extent that any facility loses certification. Substantial State investment is made to retain certification at all facilities. All OPWDD developmental centers and OASAS ATCs are currently certified by appropriate Federal and State regulatory agencies. All OMH psychiatric centers except Kingsboro Psychiatric Center ("KPC") are also currently certified by appropriate Federal and State regulatory agencies. The Centers for Medicare & Medicaid Services ("CMS") have informed OMH that KPC was terminated from Medicaid/Medicare participation effective March 6, 2010. The Office appealed the termination and subsequently entered into a settlement agreement. Under the terms of the agreement, program termination was rescinded by CMS, but the agency agreed to refrain from billing Medicare or Medicaid for services until such time as the agency could demonstrate to CMS that sufficient corrective actions had been taken to establish compliance with program standards. KPC has reapplied to CMS for certification.

Federal efforts begun in 1985 to control Medicare expenditures through Peer Review Organizations have recently focused on general hospitals. However, there is a potential that specialty hospitals will be more closely reviewed in the future. Were this to occur, there is some potential for revenue impact. To date, less than 5 percent of cases reviewed have led to disallowances, and all the disallowances have been appealed.

Other - In addition to these specific factors, all claims are subject to audit and review by the Federal government and have on occasion resulted in disallowances. The potential for future disallowances remains but is not subject to forecast.

Over the last several years, various Federal legislative initiatives have been proposed to reduce the growth in Federal Medicaid and Medicare spending. The current Federal budget establishes limits on the amount of Federal disproportionate share payments made to mental hygiene facilities. The Department's Medicaid revenue projections largely reflect these changes and continued claiming under a fee-for-service Medicaid program utilizing trend factors, volume adjustments, capitated payments and other traditional or new rate methodologies. The Department anticipates some decline in revenues due to several factors including continued census decline, changes in capitated program initiatives and lower spending on State institutions. Additionally, it is not known what the long term impact of the Federal Affordable Care Act will be on Department revenues, particularly for disproportionate share payments. The forecast presented above reflects these factors, and the Department believes that such decline will not materially affect the State's ability to make required Prior Authority Annual Payments and Annual Payments.

Despite the potential influences on projected revenues described herein, the State believes that the forecast presented above is reasonable.

Disposition of Facilities

In the past, the State has closed a number of mental hygiene services facilities, some of which have been sold. The proceeds from the sale of such facilities have been used to redeem and/or defease certain Prior Agency Bonds and Prior Authority Bonds or deposited into the Services Fund. Certain other closed facilities are being offered for sale but are not yet under contract. If and when such sales occur, the proceeds from the sales will be used to redeem and/or defease certain Prior Authority Bonds or deposited into the Services Fund. Negotiations for contracts of sale are taking place for certain other closed mental hygiene services facilities. It is possible that such facilities will be sold or conveyed to entities other than the Authority or the Department. Any such sale or conveyance would be required to comply with the provisions of the related agreements and the Prior Authority Resolution and related agreements, as applicable, including any applicable covenants as to preserving the tax-exempt status of the Prior Authority Bonds. Additional Prior Authority Bonds may be redeemed and/or defeased as a result of such sale or conveyance.

State Appropriations

The successful maintenance and operation of the Department, the payment of the Prior Authority Annual Payments and the Annual Payments and the marketability of the Bonds are dependent upon the ability and willingness of the State Legislature to continue making appropriations in the amounts required for both the operation of the Department and the payment of the Prior Authority Annual Payments and the Annual Payments. There can be no assurance, however, that State appropriations of funds will be available in the amounts contemplated or required by the Department.

The costs of operating each of the offices of the Department are met principally out of appropriations made by the State Legislature from the State's General Fund and out of moneys deposited in the Services Fund which are not required for the payment of Prior Authority Annual Payments and Annual Payments and are therefore released from the lien of the pledge and assignment to the Authority.* These excess funds are transferred to a special operating account (called the Mental Hygiene Patient Income Account) for OMH, OPWDD and OASAS.

The appropriations made by the State Legislature from the General Fund for the operations of OMH, OPWDD and OASAS for the FYs 2004 through 2014 are as follows:

Fiscal Year	<u>OMH</u>	<u>OPWDD</u>	OASAS	<u>Total</u>
2003-04	\$ 520,940,000	\$ 168,341,000	\$ 48,670,000	\$ 737,951,000
2004-05	603,915,000	134,012,000	46,783,000	784,710,000
2005-06	586,610,000	502,621,000	46,681,000	1,135,912,000
2006-07	772,557,000	530,123,000	52,721,000	1,355,401,000
2007-08	754,655,000	472,028,000	60,543,000	1,287,226,000
2008-09 ⁽¹⁾	1,107,057,000	375,600,000	94,207,000	1,576,864,000
2009-10	1,045,439,000	523,630,000	102,739,000	1,671,808,000
2010-11	863,466,000	537,910,000	97,725,000	1,499,101,000
2011-12	947,943,000	1,016,714,700	99,795,500	2,064,453,200
2012-13	645,806,000	1,011,937,000	101,325,000	1,759,068,000
2013-14	654,182,000	973,936,000	102,256,000	1,730,374,000

(1) Beginning in FY 2009, the General Fund is replaced by the Special Revenue Fund, Mental Hygiene Program Fund Account. In addition, all DMH fringe benefit costs are budgeted within each agency instead of in a central appropriation. Appropriated amounts in the Special Revenue Fund, Mental Hygiene Program Fund Account are funded by the General Fund.

^{*} Amounts retained in the Services Fund with respect to debt service payments on PIT Bonds for State Facilities and Voluntary Agency Facilities (and subsequently transferred to the Revenue Bond Tax Fund) are not available to be transferred to the hereinafter referred to Mental Hygiene Patient Income Account.

The appropriations made by the State Legislature from the Mental Hygiene Patient Income Account for the operations of OMH, OPWDD and OASAS for FYs 2004 through 2014 are as follows:

Fiscal Year	<u>OMH</u>	<u>OPWDD</u>	<u>OASAS</u>	<u>Total</u>
2003-04	\$ 553,931,000	\$1,733,643,000	\$20,190,000	\$2,307,764,000
2004-05	484,730,000	1,851,300,000	22,100,000	2,358,130,000
2005-06	575,601,000	1,950,095,000	23,500,000	2,549,196,000
2006-07	487,881,000	2,020,765,000	21,500,000	2,530,146,000
2007-08	543,167,000	2,086,250,000	21,500,000	2,650,917,000
2008-09	806,728,000	2,067,814,000	31,295,000	2,905,837,000
2009-10 ⁽¹⁾	978,601,000	1,955,079,000	22,200,000	2,955,880,000
2010-11	1,242,974,000	2,043,852,000	22,848,000	3,309,674,000
2011-12	1,078,629,000	1,129,683,000	9,689,100	2,218,001,100
2012-13	1,375,638,000	1,124,374,000	8,966,000	2,508,978,000
2013-14	1,423,725,000	1,105,413,000	9,310,000	2,508,978,000

 For the period prior to FY 2010, the appropriation for OASAS included funds made available through the OASAS Federal Salary Sharing Account. That account was eliminated beginning in FY 2010.

Litigation Affecting the Department

The Department at any given time is involved in a number of legal actions and proceedings. The greater number involve special proceedings seeking the reversal of various administrative determinations. A number of cases are pending against the State in the Court of Claims seeking damages in tort or under contracts involving the Department. Other cases involve actions brought under the Americans With Disabilities Act and other related laws, which seek to require the State to develop additional services and/or housing for persons with mental illnesses in the most integrated setting appropriate to their needs. Another area involves claims alleging deprivation of a patient's Federal constitutional rights by employees of the Department pursuant to 42 U.S.C. Section 1983 and the Civil Rights of Institutionalized Persons Act. Upon the basis of information presently available, the Department believes that there are substantial defenses in connection with said disputes. The Department further believes that, in any event, its ultimate liability, if any, resulting from such disputes should not materially affect its financial position; should be satisfied from moneys available to the Department from State appropriations and insurance funds; and should in no way affect the Department's obligations or its ability to carry out its obligations under the provisions of the Financing Agreements.

Section 2: Subsection K

New York State Housing Finance Agency, Health Facilities Revenue Bonds (New York City) and Dormitory Authority of the State of New York, Municipal Health Improvement Program Lease Revenue Bonds (The City of

New York Issues)

"State Appropriations for Medicaid"

This Subsection K contains information required to be updated relating solely to obligations issued, respectively, by the New York State Housing Finance Agency for Health Facilities Revenue Bonds (New York City) and the Dormitory Authority of the State of New York for Municipal Health Improvement Program Lease Revenue Bonds (The City of New York Issue). Capitalized terms used in this Subsection and not otherwise defined shall have the meanings ascribed to them in the related Official Statements.

State Appropriations For Medicaid

State Medicaid payments made to the City as State Aid or on behalf of the City to Medicaid providers are funded through annual appropriations from the State Legislature for the support of the State Medicaid program and are therefore dependent upon the availability of financial resources and the allocation thereof. The Medicaid program may also be affected by State or Federal legislation relating to the health care system in general. The total annual amount of State Aid paid to the City pursuant to Section 368-a of the Social Services Law and funds appropriated for the purpose of making payment on behalf of the City pursuant to section 367-b of such Law for the fiscal years ended March 31, 2009 through March 31, 2012 (the most recent fiscal year for which data is available) were as follows:

	Annual Amount of	
	State Medicaid Payments to	
Fiscal Year	or on behalf of the City ⁽¹⁾	
2008-09	\$8,051,679,351	
2009-10	7,769,477,528	
2010-11	8,005,032,339	
2011-12 ⁽²⁾	9,526,564,690	

(1) Due to a lengthy adjustment period, during which Medicaid claims can be revised, there is typically a two-year lag in assembling these numbers.

(2) Additional Federal funding associated with the American Recovery and Reinvestment Act (ARRA) and the Education Jobs and Medicaid Assistance Act (EJMAA) expired in June 2011, resulting in increased financial responsibility to the State.

The total amount of State Aid paid to or on behalf of the City pursuant to Section 367-b and Section 368-a of the Social Services Law as related only to the services and or facilities provided by the health facilities owned, leased or operated by the City for FY 2011 was approximately \$469,562,601. The total amount for FY 2012 was approximately \$437,334,229.

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Section 2: Subsection L

Dormitory Authority of the State of New York, Department of Health of the State of New York Revenue Bonds

"The Department of Health" and "The Medical Care Facilities"

This Subsection L contains information required to be updated relating solely to obligations issued by the Dormitory Authority of the State of New York for the Department of Health of the State of New York Revenue Bonds. Capitalized terms used in this Subsection and not otherwise defined shall have the meanings ascribed to them in the related Official Statements.

Part 1 – The Department of Health

General

The Department is a civil department of the State created pursuant to Article 2 of the Public Health Law.

The mission of the Department is to ensure the availability of appropriate high quality health services at reasonable cost to all State residents. The Department's responsibilities include:

- 1. Promoting and supervising public health activities throughout the State;
- 2. Ensuring sound, cost-effective medical care for all residents; and
- 3. Reducing the heavy toll taken by chronic disabling illnesses, including heart disease, cancer, stroke and respiratory diseases.

These objectives are achieved through a coordinated network of administrative units, including the Department's major operating arms, the Office of Public Health ("OPH"), the Office of Health Systems Management ("OHSM") and the Office of Health Insurance Programs ("OHIP") and through a system of area and field offices that conduct health facility surveillance, public health monitoring and direct public health activities. The Department is the agency designated for administering Federal moneys allotted for health work under the Public Health Service Act, the Social Security Act and other Federal authorizations. Single State agency responsibilities under Title 19 of the Social Services to the Department in legislation enacted in 1996 and 1997. Finally, the Department operates facilities engaged in advanced medical research and patient care through its Health Facilities Management Group.

The Department currently carries out its responsibilities through 16 budgetary programs: Administrative and Executive Direction; Center for Environmental Health; Center for Community Health; AIDS Institute; Wadsworth Center for Laboratories and Research; Office of Health Systems Management; Health Care Financing; Division of Managed Care and Program Evaluation; Office of Health Insurance Programs; Medical Assistance Program; Medical Assistance Administration Program; Medicaid Management Information System; Child Health Insurance Program; Elderly Pharmaceutical Insurance Coverage ("EPIC") Program; HCRA; and the Health Facilities Management Program.

The State's Public Health Law enumerates six facilities as part of the Department: the Roswell Park Cancer Institute (the "Institute"), the Helen Hayes Hospital (the "Hospital"), the New York State Home for Veterans and their Dependents at Oxford (the "Home"), the New York State Home for Veterans in the City of New York (the "Veterans Home"), the New York State Home for Veterans in Western New York (the "WNY Veterans Home") and the New York State Home for Veterans in the Lower Hudson Valley (the "HV Veterans Home"). The Legislature has the power to decide whether or not the Department will continue to operate and maintain any of these facilities or programs. In 1999, the State transferred the Institute to a separate public benefit corporation, Roswell Park Cancer Institute Corporation ("RPCI"). The Legislature also may decide in the future to add by legislation additional facilities to the Department.

Fiscal Structure

The Department receives annual appropriations from the Legislature to operate all authorized programs and to provide specific services.

The Legislature appropriates moneys from the State's General Fund to the Department to meet the operational costs of the Department for program operations not otherwise supported by Federal or other funds. Within the total amount appropriated, funds may be interchanged or transferred between programs upon recommendation of the Commissioner of Health (the "Commissioner") and the approval of the State Budget Director, according to the formula established in the State Finance Law. These monies are not available for deposit to the Health Income Fund. The Legislature appropriated \$7,600,000 from the State's Capital Projects Fund for FY 2014 for repairs and maintenance of the Hospital, the Home, the Veterans Home, the WNY Veterans Home, and the HV Veterans Home.

In addition to the appropriation of State funds, the Legislature also appropriates moneys made available by the Federal government for Department programs. None of the funds allocated by Federal agencies to the Department have been appropriated for the Hospital, the Home, the Veterans Home, the WNY Veterans Home and the HV Veterans Home.

The FY 2014 Enacted Budget includes funds appropriated to the Department from 119 Special Revenue Accounts including, pursuant to Chapter 433 of the Laws of 1997, accounts supporting the operating budget for the Hospital, the Home, the Veterans Home, the WNY Veterans Home and the HV Veterans Home. Revenue is deposited in the self-supporting accounts from fees, assessments and other charges as specified in law or regulation. Expenditures from these accounts are limited to the specific purpose of the individual account.

Patient care revenues received by the Department relating to the Veterans Home are deposited into the Veterans Home Income Fund. Amounts in excess of that required to be held by the Comptroller in the Veterans Home Income Fund are directly transferred periodically to the New York City Veterans Home Account, which was also authorized by Chapter 433 of the Laws of 1997. Funds in the New York City Veterans Home Account are appropriated for operation of the Veterans Home.

The amounts on deposit in the Veterans Home Income Fund and the New York City Veterans Home Account do not secure the payment of amounts due under the Agreement.

The Health Income Fund

The Health Income Fund is established in the custody of the Comptroller pursuant to Section 409 of the Public Health Law. The moneys on deposit in the Health Income Fund are kept separate and are not commingled with any other moneys held by the Comptroller. All of the revenues received by the Department for the care, maintenance and treatment of patients at the Institute, the Hospital, the Home, the WNY Veterans Home, and the HV Veterans Home, together with certain other moneys and miscellaneous receipts less certain payments and refunds made pursuant to law, are paid by the Department for the care, maintenance and treatment of these patients come from Medicare, Medicaid, Blue Cross, private insurance companies and from the patients directly. Pursuant to Chapter 293 of the Laws of 1992, a clinical practice plan has been established at the Institute which provides for the collection and disbursement of clinical practice income resulting from the clinical practice of licensed health professionals employed by the Institute. Such clinical practice income is not factored in as part of the revenues of the Institute or the Health Income Fund.

Section 409 of the Public Health Law requires that the Comptroller maintain at all times in the Health Income Fund the amount of money needed by the Department during the next succeeding six calendar months to comply in full with all obligations of the Department under the Agreement, including amounts necessary to make payments under the Agreement during such period and to establish and maintain reserves. The Comptroller, at least biweekly, is required to pay to RPCI any moneys in the Health Income Fund which the Commissioner attributes to the operation of RPCI and which are in excess of the amount required to be maintained by the Comptroller in the Health Income Fund pursuant to Public Health Law Section 409. As discussed below under the subheading "DOH Hospital Holding Account and Facility-Specific Operating Accounts," the Comptroller from time to time, but in no event later than the last day of March, June, September and December of each year is required to deposit to the DOH Hospital Holding Account all moneys in the Health Income Fund in excess of the amount required to be maintained in the Health Income Fund described above. These moneys, in turn, are transferred to the Helen Hayes Hospital Account, the New York State Home for Veterans and Their Dependents at Oxford Account, the Western New York Veterans Home Account, and the New York State Home for Veterans in the Lower Hudson Valley Account. This transfer from the DOH Hospital Holding Account to these four accounts is based upon the amount the Hospital, the Home, the WNY Veterans Home and the HV Veterans Home deposit into the Health Income Fund. The moneys in the Health Income Fund shall be paid out on the audit and warrant of the Comptroller on vouchers approved by the Commissioner or his designee. Subject to the power to pay out such excess moneys in the Health Income Fund to RPCI and the DOH Hospital Holding Account, the Department in the Agreement has pledged and assigned to the Authority, subject to appropriation, all moneys in the Health Income Fund and all moneys which may be received by the Department and credited to the Health Income Fund.

Revenues on an audited cash, rather than an accrual, basis generated during the four most recent fiscal years, preliminary for FY 2013 and estimated for FY 2014, for the Institute, the Hospital, the Home, the WNY Veterans Home, and the HV Veterans Home as deposited in the Health Income Fund, are listed in the table below. The table also reflects the manner in which the revenues were used or are expected to be used (i.e., actual payments for debt service and transfers to the operating accounts or the RPCI for each year) as well as the ratio of Receipts in Health Income Fund to Health Income Fund Debt Service Payments ("Debt Service Coverage").

HEALTH INCOME FUND (thousands of dollars, other than ratios)

Fiscal Year Ended March 31	Receipts in Health Income Fund	Health Income Fund Debt Service Payments ⁽¹⁾	Available for Transfer to Facility-Specific Operating Accounts or RPCI Corporation ⁽¹⁾	Debt Service Coverage
2009	\$387,467	\$30,102	\$357,365	13x
2010	434,842	30,043	404,799	14x
2011	450,536	30,655	419,881	15x
2012	466,592	28,669	437,923	16x
2013 (Preliminary)	506,348	28,165	478,183	18x
2014 (Estimated)	518,988	27,882	491,106	19x

Source: Department of Health.

(1) Available fund balance may be increased or decreased, depending on the need to set aside future debt service payments, which would result in the transfer amount being adjusted accordingly.

DOH Hospital Holding Account and Facility-Specific Operating Accounts

The DOH Hospital Holding Account is a special account established by the Comptroller. At any time, but no later than the last day of each March, June, September and December, amounts in the Health Income Fund in excess of the amount required to be maintained therein or paid to RPCI are paid over by the Comptroller to the DOH Hospital Holding Account, and transferred, respectively, to the Helen Hayes Hospital Account, the New York State Home for Veterans and Their Dependents at Oxford Account, the Western New York Veterans Home Account, and the New York State Home for Veterans in the Lower Hudson Valley Account. The moneys in these four accounts are generally available for paying the costs related to the provision of health services to patients at the facilities, including the payment of costs for research, training, personal services and the costs of operating and maintaining such facilities. Pursuant to Chapter 293 of the Laws of 1992 and Chapter 505 of the Laws of 1995, the moneys become available, respectively, from these facility-specific operating accounts when the Commissioner executes a certificate of allocation and schedule of amounts to be available therefore. The moneys are payable from these operating accounts upon audit and warrant of the Comptroller on vouchers approved by the Commissioner or his designee. See preceding section entitled "The Health Income Fund" for information on RPCI revenue.

Sources of Operating Funds

The following table reflects the Department's State Operations appropriations for the Hospital, the Home, the Veterans Home, the WNY Veterans Home and the HV Veterans Home. As such this represents the maximum authority to spend, or budgeted levels, as approved by the Legislature and does not necessarily reflect actual spending levels.

	Appropriated for		
Fiscal Year Ended	Facility-Specific		
March 31	Operating Accounts ⁽¹⁾⁽²⁾		
2008	\$138,955,000		
2009	154,772,000		
2010	165,357,100		
2011	157,733,787		
2012	148,753,000		
2013	148,753,000		
2014 ⁽³⁾	148,753,000		

(1) Exclusive of minor amounts available for patient benefits from gifts and bequests.

(2) These funds are transferred to individual Special Revenue Fund-Other accounts supporting the respective operating budgets of the Hospital, the Home, the Veterans Home, the WNY Veterans Home and the HV Veterans Home. The amounts shown here are from revenues derived from these facilities and vary in some degree from the revenues of such facilities as reflected in their financial statements for the years indicated, due to differences in accounting procedures and other factors.

(3) Reflects the FY 2014 Enacted Budget.

Employee Relations and Indemnity

As of March 31, 2013 the Department employed approximately 4,775 full-time equivalent employees, including approximately 1,400 personnel at the Hospital, the Home, the WNY Veterans Home, the HV Veterans Home and the Veterans Home. (Individuals at the Institute are considered employees of the RPCI rather than the Department and are not included as part of this number.) Employees of the Department are State employees. Section 17 of the Public Officers Law requires the State to save harmless and indemnify its employees from financial loss arising out of any claim, demand, suit or judgment by reason of alleged intentional wrong doing, negligence or other act by State employees provided that the employee was acting in the scope of his duties and did not commit a willful or wrongful act. The law further provides that the Attorney General may represent such employees.

Any actions involving malpractice claims brought against the Department are actions brought against the State itself. The State does not carry insurance with respect to malpractice claims and is a self-insurer for the payment of any judgments which may be rendered against the State for any such actions.

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Part 2 - The Medical Care Facilities

General

Section 403 of the Public Health Law enumerates the facilities which are part of the Department: the Institute, the Hospital, the Home, the Veterans Home, the WNY Veterans Home and the HV Veterans Home. Revenues for all facilities, except the Veterans Home, are deposited in the Health Income Fund.

Roswell Park Cancer Institute

The Institute was founded in 1898 and became a State Institute in 1911. In 1971, it was one of the first three institutions certified as a comprehensive cancer center by the National Cancer Institute. As such, it is committed to combat cancer through basic research, clinical research and treatment, and professional and public education. There are 65 such centers designated in the United States. The Institute is a facility licensed for 133 bedsand operating 131 beds, and an ambulatory care center containing 12 multidisciplinary care centers with a staff of over 3,000 members, including clinical staff physicians, residents, fellows, and research staff.

The operation of the Institute transferred to the RPCI on January 1, 1999. In order to meet the demands of the changing health care marketplace and to promote the strengths and capabilities of the Institute, Chapter 5 of the Laws of 1997 added a new Title 4 to Article 10-c of the Public Authorities Law authorizing the RPCI. This legislative authorization was intended to change the Institute's governance structure to afford it market and managerial flexibility. Among the special powers granted by the legislation to RPCI were the powers to contract with the State to operate, manage, superintend and control the Institute, and to establish, collect, and adjust fees, rental and other charges in connection with the operation of the Institute.

Pursuant to subdivision 2 of Section 403 of the Public Health Law, added by such chapter, the Department, acting on behalf of the State, entered into an Operating Agreement with RPCI pursuant to which operating responsibility for the Institute was transferred to RPCI effective January 1, 1999, and giving RPCI substantial independence in operating the Institute, including the power to establish operating budgets, to establish and implement strategic business plans, to create subsidiary and affiliated entities, to enter into affiliations and alliances with other health care providers and to establish, collect and adjust fees, rentals and other charges in connection with the operation of the Institute.

Revenues generated by RPCI as a result of operating the Institute continue to be revenues of the State and are required to be deposited into the Health Income Fund for payment of debt service on the Bonds. After allowing for accumulation of the amount the Comptroller is required to maintain in the Health Income Fund pursuant to Public Health Law Section 409 and a reserve for refunds, the remaining revenues which the Commissioner attributes to the operations of RPCI are transferred to RPCI at least biweekly by the Comptroller.

The following table provides historic utilization data for the Institute for the four most recent fiscal years, preliminary for FY 2013 and estimated for FY 2014.

 Fiscal Year Ended March 31	Annual Average Beds in Service	Annual Average Inpatient Occupancy Rate ⁽¹⁾	Outpatient Visits
2009	113	80%	186,110
2010	119	82	196,694
2011	122	82	202,575
2012	123	81	201,554
2013 (Preliminary)	127	84	204,450
2014 (Estimated)	131	83	216,829

(1) Based on annual average beds in service. Annual average beds in service during the reporting period represent a better point of comparison for the Institute's performance than its certified 133 bed level.

The Institute has undergone several key transitions over the last several years, including a major modernization of its Buffalo campus and a change in governance as noted above. RPCI's responsibility is to ensure the fiscal and programmatic integrity of the facility. The Institute is affiliated with the University of New York at Buffalo and has numerous affiliation agreements with other educational institutions and hospitals. Training provided by the Institute under these agreements include medical, nursing and medical research. For the fiscal year ending March 31, 2014, the Institute is projected to generate 77 percent of the patient care revenues deposited in the Health Income Fund.

Helen Hayes Hospital

The Hospital was established in 1900 primarily to provide care to children with disabilities. Since then, and particularly in recent years, the patient population and the services provided have changed dramatically. The Hospital has evolved into a comprehensive rehabilitation center offering a multispecialty approach to medical rehabilitation and treatment of chronic diseases as well as specialized surgical services. The Hospital is the largest freestanding rehabilitation center in New York State. Research is also an integral component of the Hospital's operation and it also involves unique protocol studies directed at treatment and prevention of disabling diseases such as osteoporosis. In addition, the Hospital has established a 25-bed Skilled Nursing Unit and Transitional Rehabilitation Center to increase the continuum of services provided to patients.

The following table provides historic utilization data for the Hospital for the four most recent fiscal years, preliminary for FY 2013 and estimated for FY 2014.

Fiscal Year Ending March 31	Annual Average Occupancy Rate	Outpatient Visits
2009	68%	69,266
2010	68	67,471
2011	67	62,177
2012	60	60,612
2013 (Preliminary)	63	53,403
2014 (Estimated)	63	56,000

The Hospital has been subject to the same market forces that have affected other acute care facilities in New York State. As a specialized rehabilitation facility, the Hospital must attract and retain a specialized staff, particularly in the various rehabilitation therapies. The national shortage of skilled medical professionals experienced over the past several years has had an impact on the Hospital's ability to maintain and increase its outpatient volume.

The Hospital is affiliated with Columbia University's College of Physicians and Surgeons in a formal residency program and the College participates with the Hospital in developing teaching and service programs. Pursuant to an affiliation agreement, New York Presbyterian Hospital serves as the Hospital's contracting agent for the employment of physicians and physical therapists for the Hospital. For the fiscal year ending March 31, 2014, the Hospital is projected to generate 10 percent of the patient care revenues deposited in the Health Income Fund.

New York State Veterans Home at Oxford

The Home admitted its first residents in 1897, when its primary mission was to provide room and board for Civil War veterans and their wives and other dependents. Historically, admission was limited to veterans and their dependents of U.S. wars through World War II and was prioritized by earliest service. Recent legislative changes opened admission to all veterans and prioritizes admissions by severity of illness and wartime status rather than by service date. The Home's total bed capacity is 242 beds and is projected to provide care, for the year ending March 31, 2014 on average, to 239 residents.

The annual average occupancy rate for the Home for the four most recent fiscal years, preliminary for FY 2013 and estimated for FY 2014, is described in the following table:

Fiscal Year	Annual Average Inpatient
Ending March 31	Occupancy Rate
2009	97%
2010	95
2011	95
2012	96
2013 (Preliminary)	97
2014 (Estimated)	96

For the fiscal year ending March 31, 2014, the Home is projected to generate 5 percent of the patient care revenues deposited into the Health Income Fund.

New York State Home for Veterans in Western New York

The WNY Veterans Home in Batavia began admissions of residents in August of 1995. This facility also provides care for veterans and their dependents prioritized by degree of illness rather than by service date. The facility's bed capacity is 126.

The annual average occupancy rate for the WNY Veterans Home for the four most recent fiscal years, preliminary for FY 2013 and estimated for FY 2014, is described in the following table:

Fiscal Year Ending March 31	Annual Average Inpatient Occupancy Rate
2000	070/
2009	97%
2010	95
2011	97
2012	95
2013 (Preliminary)	96
2014 (Estimated)	96

For fiscal year ending March 31, 2014, the WNY Veterans Home is projected to generate 3 percent of the patient care revenues deposited into the Health Income Fund.

New York State Home for Veterans in the Lower Hudson Valley

The HV Veterans Home was authorized by legislation in 1994. Construction was completed in mid-2001 and resident admissions began in September 2001. The 252-bed facility is on the grounds of the Veterans Administration Hospital in Montrose, NY. The design is based on the cluster model used for the WNY Veterans Home in Batavia, which has received national recognition for cost efficient delivery of health care.

The annual average occupancy rate for the HV Veterans Home for the four most recent fiscal years, preliminary for FY 2013 and estimated for FY 2014, is described in the following table:

Fiscal Year Ending March 31	Annual Average Inpatient Occupancy Rate ⁽¹⁾
	0.0%
2009	96%
2010	96
2011	98
2012	98
2013 (Preliminary)	98
2014 (Estimated)	98

(1) Based on annual average beds in service of 252.

For the fiscal year ending March 31, 2013 the HV Veterans Home is projected to generate 5 percent of the patient care revenue deposited into the Health Income Fund.

Reimbursement Process

The Hospital and the Institute are considered "specialty" facilities and, for reimbursement purposes, have historically been exempt from the case methodology applied to other facilities. However, with the implementation of HCRA, which took effect during 1997 and the conversion from historic reimbursement and the move to managed care contracting, both facilities have entered into several contracts to provide medical services. The Institute is considered to be a Prospective Payment System ("PPS") facility for Medicare and is reimbursed on a cost basis for this payor. At the Hospital, Medicare established a new PPS reimbursement methodology for rehabilitation hospitals, which was effective April 1, 2002. This new methodology is based upon a case payment per discharge rather than the per diem payment which existed previously. Research costs are considered non-allowable and are not included in the calculation of the rates. The facilities also receive additional reimbursement for uncollectible bad debts and charity write-offs from regional and statewide pools; the bad debt write-off, however, is less than 2 percent due to screening and insurance verification of patients prior to admission.

Medicaid reimbursement for the Home and the WNY Veterans Home and the HV Veterans Home is based on a Statewide Regional Pricing model which was implemented in 2012. This methodology is partially based on a case-mix assessment. The Statewide Pricing Model also imporporations the cost of care incurred and provides some financial incentives to admit "high intensity" patients by linking payments to the level of services provided.

The Medicaid Statewide Pricing Model also incorporates other factors such as: size of the facilities; geographic location, 2007 operational cost, and quality measures in the determination of the final payment rate.

For Medicare, the reimbursement methodology for the Home, the WNY Veterans Home and HV Veterans Home is the same and is based on the PPS, which uses the average cost for the respective regions. For the veterans homes in the program, this has proven beneficial as the average regional cost exceeds the facility-specific cost, resulting in a higher rate of reimbursement for the veterans homes, which have also converted from a "flat rate" average charge to "fee for service." In addition to a room and board charge, the veterans homes bill for actual charges for pharmacy, therapies and other such ancillary services.

To further enhance collections at the Institute and the Hospital, a discrete Department of Law collection unit has been established with sites at each facility. A discrete unit has also been established to provide collection services to the Home, the WNY Veterans Home and the HV Veterans Home. The Department of Law serves as the facilities' collection agency since by law the facilities cannot, with certain exceptions, refer uncollectible accounts to outside agencies and have no authority to write off bad debts. Only the Attorney General and the Comptroller have the authority to write off bad debts.

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Cash Receipts

Receipts for patient care and other miscellaneous income are deposited into the Health Income Fund on a weekly basis. The following tables display the final amount of cash receipts from each revenue source at the five facilities for the previous fiscal years for which data are available. Facility cash receipts vary with receipts into the Health Income Fund because of timing differences in the recording of the respective funds.

	2008-09	2009-10	2010-11	2011-12	2012-13 ⁽¹⁾
Roswell Park Cancer Institute					
Medicare	\$ 34,737,015	\$ 41,374,131	\$ 52,717,361	\$ 56,300,969	\$ 63,506,056
Medicaid	10,602,398	9,619,405	1,494,396	7,889,458	6,887,123
Blue Cross	73,050,556	91,281,139	94,137,997	98,351,473	112,593,405
Other Third Party Payors	132,272,390	147,358,848	145,885,069	158,496,458	185,063,310
Self-Pay	2,013,983	3,637,475	3,883,825	3,976,075	4,575,829
TOTAL	\$252,676,342	\$293,270,998	\$298,118,648	\$325,014,433	\$372,625,723
Helen Hayes Hospital					
Medicare	\$25,188,996	\$25,331,902	\$24,950,735	\$22,942,208	\$23,836,477
Medicaid	5,059,541	7,780,807	4,265,957	3.922,549	3,895,738
Blue Cross	5,287,692	6,350,664	5,425,179	4,988,454	7,809,929
Other Third Party Payors	12,703,090	14,568,439	13,861,714	12,745,850	12,323,498
Self-Pay	608,228	305,485	356,048	327,386	756,193
Other	6,068,639	5,713,159	5,576,475	5,127,570	4,618,530
TOTAL	\$54,916,186	\$60,050,456	\$54,436,108	\$50,054,017	\$53,240,365
Oxford Home					
Medicaid	\$14,040,144	\$ 9,880,766	\$ 9,767,814	\$11,847,852	\$10,427,649
Self-Pay	6,322,291	5,659,741	6,146,718	6,183,076	6,432,435
VA Reimbursement	3,829,512	3,783,630	5,793,589	7,859,730	8,292,187
Medicare	1,296,829	1,027,873	930,393	870,899	897,469
Miscellaneous	556,496	160.281	117,049	114,198	141,977
TOTAL	\$26,045,272	\$20,512,291	\$22,755,563	\$26,875,755	\$26,191,717
WNY Veterans Home					
Medicaid	\$ 6,047,540	\$ 6,592,920	\$ 5,086,149	\$ 5,893,613	\$ 5,309,498
Self-Pay	3,144,178	2,828,082	3,342,666	2,275,952	3,791,962
VA Reimbursement	2,377,746	2,449,370	2,617,905	2,486,990	3,850,953
Medicare	174,025	303,238	620,431	333,587	206,977
TOTAL	\$11,743,489	\$12,173,610	\$11,667,151	\$10,990,142	\$13,159,390
HV Veterans Home					
Medicaid	\$ 8,268,368	\$19,235,293	\$11,654,284	\$16,213,014	\$12,513,169
Self-Pay	7,373,294	8,042,537	8,203,555	8,141,833	8,634,296
VA Reimbursement	5,202,853	5,962,490	6,961,413	7,803,116	9,521,016
Medicare	3,658,527	3,151,481	2,542,536	2,614,727	2,224,912
TOTAL	\$24,503,042	\$36,391,801	\$29,361,788	\$34,772,690	\$32,893,393
	φ2 1,303,01Z	\$30,33±,001	<i>423,301,700</i>	<i>43 1,7 7 2,000</i>	\$5 2 ,055,555

CASH RECEIPTS FROM PATIENTS AND MISCELLANEOUS INCOME

⁽¹⁾ Reflects preliminary information.

Summary of Revenue and Expenses

The following table reflects the Medical Care Facilities' income statements prepared by independent auditors for the most recent four fiscal years for which such statements are available. The data presented reflect the net patient care income, which is derived by deducting a reserve for bad debts and contractual allowances from the gross charges for patient services. The contractual allowances are the differences between the Medical Care Facilities' charges and the actual amount reimbursed by third party payors. The net revenue varies from the cash receipts schedule provided above since the latter reflects actual cash collected and the differences between the two schedules are represented by accounts receivable. The expenses are reflected on an accrual basis in accordance with GAAP and as required by third party payors. Included in the expenses are all State appropriations, such as fringe benefits for the Medical Care Facilities' employees as well as non-cash expenses such as depreciation.

Revenues	2008-09	2009-10	2010-11	2011-12
Roswell Park	\$407,168,248	\$416,901,826	\$423,714,468	\$415,533,346
Helen Hayes Hospital	70,968,542	76,546,620	66,972,350	73,193,670
Oxford Home	33,350,130	26,993,889	34,203,252	31,950,888
WNY Veterans Home	16,785,108	16,850,825	17,828,439	17,486,365
HV Veterans Home	33,525,282	37,247,429	35,815,128	40,275,209
Total Revenues	<u>\$561,797,310</u>	<u>\$574,540,589</u>	<u>\$578,533,637</u>	<u>\$578,439,478</u>
Expenses				
Roswell Park	\$404,956,252	\$417,308,571	\$436,252,873	\$455,343,064
Helen Hayes Hospital	78,457,339	72,795,513	78,107,930	75,864,179
Oxford Home	29,280,591	30,355,405	32,557,157	32,626,985
WNY Veterans Home	17,252,038	17,284,826	18,751,036	18,288,706
HV Veterans Home	34,118,468	34,970,984	33,712,541	37,166,410
Total Expenses	<u>\$564,064,688</u>	<u>\$572,715,299</u>	<u>\$599,381,537</u>	<u>\$619,289,344</u>
Results from Operation	(\$2,267,378)	\$1,825,290	(\$20,847,900)	(\$40,849,866)

SUMMARY OF NET PATIENT CARE REVENUES OTHER NON-OPERATING REVENUES AND OPERATING EXPENSES AS REFLECTED ON THE FACILITIES' INCOME STATEMENTS

Section 2: Subsection M

Dormitory Authority of the State of New York, Revenue Bonds (Department of Health Veterans Home Issue)

"The Department of Health" and "The Veterans Home"

This Subsection M contains information required to be updated relating solely to obligations issued by the Dormitory Authority of the State of New York for the Department of Health Veterans Home Revenue Bonds. Capitalized terms used in this Subsection and not otherwise defined shall have the meanings ascribed to them in the related Official Statements.

Part 2 - The Department of Health

General

The Department is a civil department of the State created pursuant to Article 2 of the Public Health Law.

The mission of the Department is to ensure the availability of appropriate high quality health services at reasonable cost to all State residents. The Department's responsibilities include:

- 1. Promoting and supervising public health activities throughout the State;
- 2. Ensuring sound, cost-effective medical care for all residents; and
- 3. Reducing the heavy toll taken by chronic disabling illnesses, including heart disease, cancer, stroke and respiratory diseases.

These objectives are achieved through a coordinated network of administrative units, including the Department's four major operating arms: OPH, OHSM and OHIP and through a system of area and field offices that conduct health facility surveillance, public health monitoring and direct public health activities. The Department is the agency designated for administering Federal moneys allotted for health work under the Public Health Service Act, the Social Security Act and other Federal authorizations. Single State agency responsibilities under Title 19 of the Social Services to the Department in legislation enacted in 1996 and 1997. Finally, the Department operates facilities engaged in advanced medical research and patient care through its Health Facilities Management Group.

The Department currently carries out its responsibilities through 16 budgetary programs: Administrative and Executive Direction; Center for Environmental Health; Center for Community Health; AIDS Institute; Wadsworth Center for Laboratories and Research; Office of Health Systems Management; Health Care Financing; Division of Managed Care and Program Evaluation; Office of Health Insurance Programs; Medical Assistance Program; Medical Assistance Administration Program; Medicaid Management Information System; Child Health Insurance Program; Elderly Pharmaceutical Insurance Coverage ("EPIC") Program; HCRA; and the Health Facilities Management Program.

The State's Public Health Law enumerates six facilities as part of the Department: the Roswell Park Cancer Institute (the "Institute"), the Helen Hayes Hospital (the "Hospital"), the New York State Home for Veterans and Their Dependents at Oxford (the "Home"), the New York State Home for Veterans in the City of New York (the "Veterans Home"), the New York State Home for Veterans in Western New York (the "WNY Veterans Home") and the New York State Home for Veterans in the Lower Hudson Valley (the "HV Veterans Home"). The State Legislature has the power to decide whether or not the Department will continue to operate and maintain any of these facilities. In 1999, the State transferred the Institute to a separate public benefit corporation, The Roswell Park Cancer Institute Corporation ("RPCI"). The State Legislature also may decide in the future to add by legislation additional facilities to the Department.

Fiscal Structure

The Department receives annual appropriations from the Legislature to operate all authorized programs and to provide specific services.

The State Legislature appropriates moneys from the State's General Fund to the Department to meet the operational costs of the Department for program operations not otherwise supported by Federal or other funds. Within the total amount appropriated, funds may be interchanged or transferred between programs upon recommendation of the Commissioner of Health (the "Commissioner") and the approval of the State Budget Director, according to the formula established in the State Finance Law. These moneys are not available for deposit to the Veterans Home Income Fund. Funding for any repairs and maintenance of the Veterans Home is drawn from a general appropriation by the State Legislature from the State's Capital Projects Fund to benefit the Veterans Home and certain other medical facilities of the Department established under Section 403 of the Public Health Law. For FY 2014 this appropriation is \$7,600,000.

In addition to the appropriation of State funds, the Legislature also appropriates moneys made available by the Federal government for Department programs. None of the funds allocated by Federal agencies to the Department have been appropriated for the Veterans Home.

The FY 2014 Enacted Budget includes funds appropriated to the Department from 119 Special Revenue Accounts including, pursuant to Chapter 433 of the Laws of 1997, accounts supporting the operating budget for the Veterans Home. Revenue is deposited in the self-supporting account from fees, assessments, and other charges as specified in law or regulation. Expenditures from such account are limited to the specific purpose of such individual account.

Patient care revenues received by the Department relating to the Veterans Home are deposited into the Veterans Home Income Fund. Amounts in excess of that required to be held by the Comptroller in the Veterans Home Income Fund are directly transferred periodically to the New York City Veterans Home Account, which was also authorized by Chapter 433 of the Laws of 1997. Funds in the New York City Veterans Home Account are appropriated for operation of the Veterans Home.

The Veterans Home Income Fund

The Veterans Home Income Fund is established in the custody of the Comptroller pursuant to Section 409-a of the Public Health Law. The moneys deposited in the Veterans Home Income Fund are kept separate and are not commingled with any other moneys held by the Comptroller. All of the revenues received by the Department for the care, maintenance and treatment of patients at the Veterans Home together with certain other moneys and miscellaneous receipts, less certain payments and refunds are made pursuant to law, are to be paid by the Commissioner to the Comptroller for deposit in the Veterans Home Income Fund. The amounts on deposit in the Veterans Home Income Fund are pledged to pay the debt service on the Bonds issued under the Resolution.

Section 409-a of the Public Health Law requires that the Comptroller maintain at all times in the Veterans Home Income Fund an amount required to be paid by the Department during the next succeeding six calendar months for debt service on the Bonds. The Comptroller is required from time to time, but in no event later than the last day of March, June, September and December of each year to deposit to the Veterans Home Account all moneys in the Veterans Home Income Fund in excess of the amount required to be maintained in the New York City Veterans Home Income Fund as described above. The moneys in the Veterans Home Income Fund are paid out on the audit and warrant of the Comptroller on vouchers certified or approved by the Commissioner or his designee.

Revenues on an audited cash, rather than an accrual, basis generated during the four most recent fiscal years, preliminary for FY 2013 and estimated for FY 2014, for the Veterans Home, Veterans Home Income Fund, are listed in the table below. The table also reflects the manner in which the revenues were used or are expected to be used (i.e., actual payments for debt service and transfers to the operating accounts for each year) as well as the ratio of Receipts in Veterans Home Income Fund to Veterans Home Income Fund Debt Service Payments ("Debt Service Coverage").

Fiscal Year Ended March 31	Receipts in Health Income Fund	Health Income Fund Debt Service Payments	Available for Transfer to New York City Veterans Home Account ⁽¹⁾	Debt Service Coverage
2009	\$387,467	\$30,102	\$357,365	16x
2010	434,842	30,043	404,799	15x
2011	450,536	30,655	419,881	12x
2012	466,592	28,669	437,923	16x
2013 (Preliminary)	506,348	28,165	439,885	18x
2014 (Estimate)	518,988	27,882	491,106	19x

HEALTH INCOME FUND (in thousands except ratios)

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Source: Department of Health.

(1) Available fund balance may be increased or decreased, depending on the need to set aside future debt service payments, which would result in the transfer amount being adjusted accordingly.

Sources of Operating Funds

The following table reflects the Department's State Operations appropriations for the Veterans Home Facilities. As such, this represents the maximum authority to spend, or budgeted levels, as approved by the State Legislature and does not necessarily reflect actual spending levels.

Fiscal Year Ended March 31	Appropriated for New York City Veterans Home Account ⁽¹⁾⁽²⁾
2009	\$33,109,000
2010	34,698,100
2011	36,295,010
2012	35,184,000
2013	35,184,000
2014 ⁽³⁾	35,184,000

(1) Exclusive of minor amounts of money available for patient benefits from gifts and bequests.

(2) These funds are transferred to individual Special Revenue Fund-Other accounts supporting the respective operating budgets of the Veterans Home. The amounts shown here are from revenues derived from the Veterans Home and vary in some degree from the revenues of the Veterans Home as reflected in its financial statements for the years indicated, due to differences in accounting procedures and other factors.

(3) Reflects the FY 2014 Enacted Budget.

Employee Relations and Indemnity

As of March 31, 2013, the Department employed approximately 4,775 full-time equivalent employees, including approximately 250 personnel at the Veterans Home. Section 17 of the Public Officers Law requires the State to save harmless and indemnify its employees from financial loss arising out of any claim, demand, suit or judgment by reason of alleged intentional wrong doing, negligence or other act by State employees provided that the employee was acting in the scope of his duties and did not commit a willful or wrongful act. The law further provides that the Attorney General may represent such employee.

Any actions involving malpractice claims brought against the Department are actions brought against the State itself. The State does not carry insurance with respect to malpractice claims and is a self-insurer for the payment of any judgments which may be rendered against the State for any such actions.

The Veterans Home

Summary

The Veterans Home commenced operations in December of 1993 and is a 250-bed skilled nursing facility serving veterans and their dependents located in Queens, New York.

The Program offered at the Veterans Home serves two categories of residents – those requiring skilled long-term care and those with special health care needs. The primary recipients of the skilled long-term care services are typically 65 years of age and over, with the largest portion of residents being the frail elderly (those over age 85), and residents requiring special care including those suffering from dementia and mental confusion resulting from Alzheimer's disease and other related disorders. Also included in this category are residents with chronic pulmonary diseases, which create irreversible airway restriction or obstruction.

The bed complement for the Veterans Home is as follows:

Skilled Long-Term Care	200 beds
Alzheimer's/Dementia	35 beds
Sub-Acute Level of Care	15 beds
Total	250 beds

The Veterans Home average annual occupancy rate, for the four most recent fiscal years, preliminary for FY 2013 and estimated for FY 2014 is as follows:

Fiscal year Ending March 31	Annual Average Inpatient <u>Occupancy Rate</u>
2009	96%
2010	97
2011	97
2012	95
2013 (Preliminary)	95
2014 (Estimated)	92

Reimbursement Process

Medicaid reimbursement for the Home is based on a Statewide Regional Pricing Model which was implemented in 2012. This methodology is partially based on a case-mix assessment. The Statewide Pricing Model also incorporates the cost of care incurred and provides some financial incentives to admit "high intensity" patients by linking payments to the level of services provided. The Medicaid Statewide Pricing Model also incorporates other factors such as: size of the facilities; geographic location; 2007 operational cost; and quality measures in the determination of the final pay rate.

For Medicare, the reimbursement methodology for the Home is the same and is based on the Prospective Payment System, which uses the average cost for the respective regions. For the veterans' homes in the program, this has proven beneficial as the average regional cost exceeds the facility-specific cost, resulting in a higher rate of reimbursement for veterans' homes, which have also converted from a "flat rate" average charge to "fee for service." In addition to a room and board charge, the veterans' homes bill for the actual charges for pharmacy, therapies and other such ancillary services.

Cash Receipts

Collections are deposited daily to a bank and transferred routinely by the State Comptroller into the Veterans Home Income Fund. Receipts for the most recent four fiscal years are as follows.

CASH RECEIPTS FROM PATIENTS AND MISCELLANEOUS INCOME

	2009-10	2010-11	2011-12	2012-13 ⁽¹⁾
Medicaid	\$12,022,408	\$ 9,439,772	\$14,885,571	\$15,852,292
Medicare	2,549,169	1,208,646	3,484,833	3,484,879
VA Reimbursement	5,651,947	8,082,151	3,108,625	12,541,787
Self Pay	5,151,876	5,131,699	3,708,577	4,935,565
Misc. Income	26,007	330	247,198	0
Total	\$25,401,407	\$23,862,598	\$25,434,804	\$36,814,523

⁽¹⁾ Reflects preliminary information.

Summary of Revenue and Expenses

The following reflects the Veterans Home income statement for the most recent available four fiscal years.

SUMMARY OF NET PATIENT CARE REVENUES, OTHER NON-OPERATING REVENUES AND OPERATING EXPENSES AS REFLECTED ON THE VETERANS HOME INCOME STATEMENTS⁽¹⁾

	<u>2008-09</u>	<u>2009-10</u>	<u>2010-11</u>	<u>2011-12⁽⁴⁾</u>
Net Patient Care Revenues				
and Other Revenue	\$27,206,151	\$30,374,174	\$30,507,238	\$35,618,298
Expenses	30,327,247	<u>30,845,334</u>	35,890,060	34,297,432
Results from Operation	\$(3,121,096) ⁽²⁾	<u>\$ (471,160)</u> ⁽²⁾	<u>\$(5,382,822)</u> ⁽²⁾	<u>\$ 1,320,866⁽³⁾</u>

(1) The net revenue varies from the cash receipts schedule provided above since the latter reflected actual cash collected and the differences between the two schedules are represented by accounts receivable.

(4) Reflects preliminary information.

⁽²⁾ Deficit operating results cause a decrease in the Veterans Home's fund balance.

⁽³⁾ Lower rate of growth in spending as compared to revenue results in an increase in the Veterans Home's fund balance.

Section 2: Subsection N

New York State Personal Income Tax Revenue Bonds

This Subsection N contains information required to be updated relating solely to obligations issued by the Authorized Issuers for State Personal Income Tax Revenue Bonds. Capitalized terms used in this Subsection are defined as set forth in the related Official Statement.

Security and Sources of Payment for State Personal Income Tax Revenue Bonds

The Revenue Bond Tax Fund

The Enabling Act provides a source of payment for State Personal Income Tax (PIT) Revenue Bonds by establishing the Revenue Bond Tax Fund for the purpose of setting aside New York State PIT Receipts sufficient to make financing agreement payments to Authorized Issuers. The Enabling Act establishes the Revenue Bond Tax Fund to be held in the joint custody of the Comptroller of the State (the "State Comptroller") and the State Commissioner of Taxation and Finance (the "Commissioner") and requires that all moneys on deposit in the Revenue Bond Tax Fund be held separate and apart from all other moneys in the joint custody of the State Comptroller and the Commissioner. The source of the financing agreement payments is a statutory allocation of 25 percent of the receipts from the New York State PIT imposed by Article 22 of the New York State Tax Law, which exclude refunds owed to taxpayers, and which, pursuant to Section 171-a of the Tax Law, are deposited in the Revenue Bond Tax Fund. Legislation, effective April 1, 2007, increased deposits to the Revenue Bond Tax Fund by amending the Enabling Act to provide that deposits to the Revenue Bond Tax Fund be calculated before the deposit of New York State PIT receipts to the School Tax Relief Fund (the "STAR Fund"). Prior to such date, New York State PIT receipts were net of deposits to the STAR Fund.

Financing agreement payments made from amounts set aside in the Revenue Bond Tax Fund are subject to annual appropriation for such purpose by the State Legislature. The Enabling Act provides that: (i) no person (including the Authorized Issuers or the holders of State PIT Revenue Bonds) shall have any lien on amounts on deposit in the Revenue Bond Tax Fund; (ii) Revenue Bond Tax Fund Receipts, which have been set aside in sufficient amounts to pay when due the financing agreement payments of all Authorized Issuers, shall remain in the Revenue Bond Tax Fund (except, if necessary, for payments authorized to be made to the holders of State general obligation debt) until they are appropriated and used to make financing agreement payments; and (iii) nothing shall be deemed to restrict the right of the State to amend, repeal, modify or otherwise alter statutes imposing or relating to the taxes imposed by Article 22 of the Tax Law.

The State PIT Revenue Bonds are special obligations of the respective Authorized Issuers, secured by and payable solely from Financing Agreement Payments payable by the State Comptroller to the applicable Trustee and Paying Agent (the "Trustee" or "Paying Agent") on behalf of the respective Authorized Issuers in accordance with the terms and provisions of a Financing Agreement by and between the respective Authorized Issuers and the Director of the Budget, subject to annual appropriation by the State Legislature, and the Funds and accounts established under the General Resolution (other than the Rebate Fund and other Funds as provided in such Resolution). The Bonds are entitled to a lien, created by a pledge under the General Resolution, on the Pledged Property.

The Enabling Act permits the Authorized Issuers to issue additional State PIT Revenue Bonds subject to statutory limitations on the maximum amount of bonds permitted to be issued by Authorized Issuers for Authorized Purposes and the additional bonds test described herein included in each of the general resolutions authorizing State PIT Revenue Bonds. In accordance with the additional bonds test described herein, as of March 31, 2013 Revenue Bond Tax Fund Receipts of approximately \$10.1 billion are available to pay financing agreement payments on a pro forma basis, which amount represents approximately 4.0 times the maximum annual Debt Service for all Outstanding State PIT Revenue Bonds.

As noted above, however, additional bonds may not be issued unless the additional bonds test under the respective general resolution has been met.

The revenues, facilities, properties and any and all other assets of the Authorized Issuers of any name and nature, other than the Pledged Property, may not be used for, or, as a result of any court proceeding or otherwise applied to, the payment of State PIT Revenue Bonds, any redemption premium therefor or the interest thereon or any other obligations under the General Resolution, and under no circumstances shall these be available for such purposes.

Certification of Payments to be Set Aside in Revenue Bond Tax Fund

The Enabling Act, the general resolutions and the financing agreements provide procedures for setting aside amounts from the New York State PIT Receipts deposited to the Revenue Bond Tax Fund to ensure that sufficient amounts will be available to make financing agreement payments, when due, to the applicable trustees on behalf of the Authorized Issuers.

The Enabling Act provides that:

- 1. No later than October 1 of each year, each Authorized Issuer must submit its State PIT Revenue Bond cash requirements (which shall include financing agreement payments) for the following State Fiscal Year and, as required by the financing agreements, each of the subsequent four State Fiscal Years to DOB.
- 2. No later than thirty (30) days after the submission of the Executive Budget in accordance with Article VII of the State Constitution, the Director of the Budget shall prepare a certificate which sets forth an estimate of:
 - (a) 25 percent of the amount of the estimated monthly New York State PIT Receipts to be deposited in the Revenue Bond Tax Fund pursuant to the Enabling Act during that State Fiscal Year; and
 - (b) the monthly amounts necessary to be set aside in the Revenue Bond Tax Fund to make the financing agreement payments required to meet the cash requirements of the Authorized Issuers.
- 3. In the case of financing agreement payments due semi-annually, Revenue Bond Tax Fund Receipts shall be set aside monthly until such amount is equal to not less than the financing agreement payments for State PIT Revenue Bonds of all Authorized Issuers in the following month as certified by the Director of the Budget.
- 4. In the case of financing agreement payments due on a more frequent basis, monthly Revenue Bond Tax Fund Receipts shall be set aside monthly until such amount is, in accordance with the certificate of the Director of the Budget, sufficient to pay the required payment on each issue on or before the date such payment is due.

In addition, the general resolutions and the financing agreements require the State Comptroller to set aside, monthly, in the Revenue Bond Tax Fund, amounts such that the combined total of the (i) amounts previously set aside and on deposit in the Revenue Bond Tax Fund and (ii) amount of estimated monthly New York State PIT Receipts required to be deposited to the Revenue Bond Tax Fund

as provided in 2(a) above, are not less than 125 percent of the financing agreement payments required to be paid by the State Comptroller to the trustees on behalf of the Authorized Issuers in the following month.

The Director of the Budget may amend such certification as shall be necessary, provided that the Director of the Budget shall amend such certification no later than thirty (30) days after the issuance of any State PIT Revenue Bonds, including refunding bonds, or after the execution of any interest rate exchange (or "swap") agreements or other financial arrangements which may affect the cash requirements of any Authorized Issuer.

The Enabling Act provides that on or before the twelfth day of each month, the Commissioner shall certify to the State Comptroller the actual New York State PIT Receipts for the prior month and, in addition, no later than March 31 of each State Fiscal Year, the Commissioner shall certify such amounts relating to the last month of the State Fiscal Year. At such times, the Enabling Act provides that the State Comptroller shall adjust the amount of estimated New York State PIT Receipts deposited to the Revenue Bond Tax Fund from the Withholding Component to the actual amount certified by the Commissioner.

Set Aside of Revenue Bond Tax Fund Receipts

As provided by the Enabling Act, the general resolutions, the financing agreements, and the certificate of the Director of the Budget, the State Comptroller is required to:

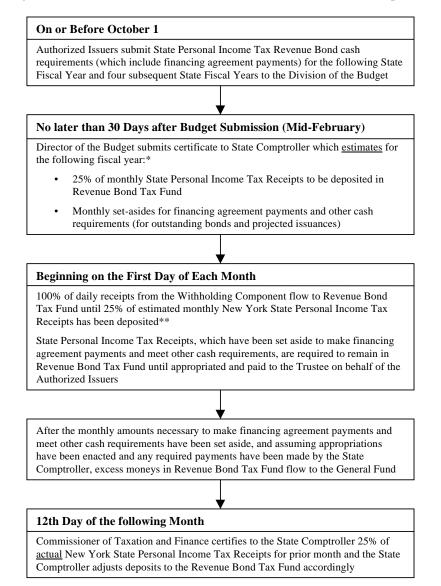
- 1. Beginning on the first day of each month, deposit all of the daily receipts from the Withholding Component to the Revenue Bond Tax Fund until there is on deposit in the Revenue Bond Tax Fund an amount equal to 25 percent of estimated monthly New York State PIT Receipts.
- 2. Set aside, monthly, amounts on deposit in the Revenue Bond Tax Fund, such that the combined total of the (i) amounts previously set aside and on deposit in the Revenue Bond Tax Fund and (ii) amount of estimated monthly New York State PIT Receipts required to be deposited to the Revenue Bond Tax Fund in such month, are not less than 125 percent of the financing agreement payments required to be paid by the State Comptroller to the trustees on behalf of all the Authorized Issuers in the following month.

The Enabling Act provides that Revenue Bond Tax Fund Receipts which have been set aside in sufficient amounts to pay, when due, the financing agreement payments of all Authorized Issuers shall remain in the Revenue Bond Tax Fund (except, if necessary, for payments authorized to be made to the holders of State general obligation debt) until they are appropriated and used to make financing agreement payments.

Subject to appropriation by the State Legislature, upon receipt of a request for payment from any Authorized Issuer pursuant to a financing agreement, the State Comptroller shall pay over to the trustee, on behalf of such Authorized Issuer, such amount. In the event that Revenue Bond Tax Fund Receipts are insufficient to meet the debt service and other cash requirements of all the Authorized Issuers as set forth in the certificate of the Director of the Budget, the State Comptroller is required by the Enabling Act, without further appropriation, to immediately transfer amounts from the General Fund of the State to the Revenue Bond Tax Fund. Amounts so transferred to the Revenue Bond Tax Fund can only be used to pay financing agreement payments (except, if necessary, for payments authorized to be made to the holders of State general obligation debt).

Flow of Revenue Bond Tax Fund Receipts

The following chart summarizes the flow of Revenue Bond Tax Fund Receipts.



^{*} The Director of the Budget can amend the certification at any time to more precisely account for a revised New York State PIT Receipts estimate or actual debt service and other cash requirements, and to the extent necessary, shall do so not later than thirty days after the issuance of any State PIT Revenue Bonds.

^{**} The State can certify and set aside New York State PIT Receipts in excess of the next month's financing agreement payment requirements to ensure amounts previously set aside and on deposit in the Revenue Bond Tax Fund together with 25 percent of estimated monthly New York State PIT Receipts to be deposited in such month are not less than 125 percent of all financing agreement payments due in the following month.

Moneys Held in the Revenue Bond Tax Fund

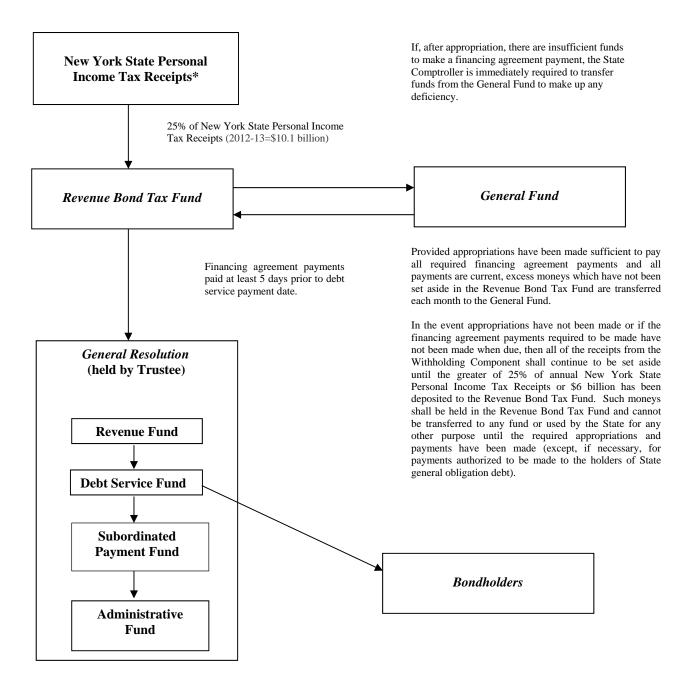
The Enabling Act prohibits the State Comptroller from paying over or distributing any amounts deposited in the Revenue Bond Tax Fund (except, if necessary, for payments authorized to be made to the holders of State general obligation debt) other than to the Authorized Issuers (which are paid to the applicable trustees on behalf of the Authorized Issuers), unless two requirements are met. First, all payments as certified by the Director of the Budget for a State Fiscal Year must have been appropriated to the Authorized Issuers for the payment of financing agreement payments (including debt service) in the full amount specified in the certificate of the Director of the Budget. Second, each certified and appropriated payment for which moneys are required to be set aside as provided in the Enabling Act must have been made to the trustees on behalf of the Authorized Issuers when due.

If such appropriations have been made to pay all annual amounts specified in the certificate of the Director of the Budget as being required by the Authorized Issuers for a State Fiscal Year and all such payments to the applicable trustees on behalf of the Authorized Issuers are current, then the State Comptroller is required by the Enabling Act to pay over and distribute to the credit of the General Fund of the State (the "General Fund"), at least once a month, all amounts in the Revenue Bond Tax Fund, if any, in excess of the aggregate amount required to be set aside. The Enabling Act also requires the State Comptroller to pay to the General Fund all sums remaining in the Revenue Bond Tax Fund on the last day of each State Fiscal Year, but only if the State has appropriated and paid to the applicable trustees on behalf of the Authorized Issuers the amounts necessary for the Authorized Issuers to meet their cash requirements for the current State Fiscal Year and, to the extent certified by the Director of the Budget, set aside any cash requirements required for the next State Fiscal Year.

In the event that (i) the State Legislature fails to appropriate all amounts required to make financing agreement payments on State PIT Revenue Bonds to all Authorized Issuers or (ii) having been appropriated and set aside pursuant to a certificate of the Director of the Budget, any financing agreement payments have not been made when due on State PIT Revenue Bonds, the Enabling Act requires that all of the receipts from the Withholding Component shall continue to be set aside in the Revenue Bond Tax Fund until amounts on deposit in the Revenue Bond Tax Fund equal the greater of 25 percent of annual New York State PIT Receipts or six billion dollars (\$6,000,000,000). Other than to make financing agreement payments from appropriated amounts, the Enabling Act prohibits the transfer of moneys in the Revenue Bond Tax Fund to any other fund or account or use of such moneys by the State for any other purpose (except, if necessary, for payments authorized to be made to the holders of State general obligation debt) until such time as the required appropriations and all required financing agreement payments have been made to the trustees on behalf of each Authorized Issuer.

The Enabling Act provides that no person (including the Authorized Issuers or the holders of State PIT Revenue Bonds) shall have any lien on moneys on deposit in the Revenue Bond Tax Fund and that the State's agreement to make financing agreement payments shall be executory only to the extent such payments have been appropriated.

Flow of Revenues



* Nothing shall be deemed to restrict the right of the State to amend, repeal, modify or otherwise alter statutes imposing or relating to the New York State PIT.

Appropriation by the State Legislature

The State may not expend money without an appropriation, except for the payment of debt service on general obligation bonds or notes issued by the State. An appropriation is an authorization approved by the State Legislature to expend money. The State Constitution requires all appropriations of State funds, including funds in the Revenue Bond Tax Fund, to be approved by the State Legislature at least every two years. In addition, the State Finance Law generally provides that appropriations shall cease to have force and effect, except as to liabilities incurred thereunder, at the close of the State Fiscal Year for which they were enacted and that to the extent of liabilities incurred thereunder, such appropriations shall lapse on the succeeding June 30th or September 15th depending on the nature of the appropriation.

The Authorized Issuers expect that the State Legislature will make an appropriation from amounts on deposit in the Revenue Bond Tax Fund sufficient to pay financing agreement payments when due. Revenue Bond Tax Fund Receipts are expected to exceed the amounts necessary to pay financing agreement payments. In addition, in the event that the State Legislature fails to provide an appropriation, the Enabling Act requires that all of the receipts from the Withholding Component shall continue to be deposited in the Revenue Bond Tax Fund until amounts on deposit in the Revenue Bond Tax Fund equal the greater of 25 percent of the annual New York State PIT Receipts or six billion dollars (\$6,000,000,000). The Enabling Act prohibits the transfer of moneys in the Revenue Bond Tax Fund to any other fund or account or the use of such moneys by the State for any other purpose (other than to make financing agreement payments from appropriated amounts, and except, if necessary, for payments authorized to be made to the holders of State general obligation debt) until such time as the required appropriations and all required financing agreement payments have been made to the trustees on behalf of each Authorized Issuer. The State Legislature may not be bound in advance to make an appropriation, and there can be no assurances that the State Legislature will appropriate the necessary funds as anticipated. Nothing shall be deemed to restrict the right of the State to amend, repeal, modify or otherwise alter statutes imposing or relating to the taxes imposed pursuant to Article 22 of the Tax Law.

All payments required by financing agreements entered into by the State shall be executory only to the extent of the revenues available in the Revenue Bond Tax Fund. The obligation of the State to make financing agreement payments is subject to the State Legislature making annual appropriations for such purpose and such obligation does not constitute or create a debt of the State, nor a contractual obligation in excess of the amounts appropriated therefor. In addition, the State has no continuing legal or moral obligation to appropriate money for payments due under any financing agreement.

State PIT Revenue Bonds shall not be a debt of the State and the State shall not be liable thereon, nor shall State PIT Revenue Bonds be payable out of any funds other than those pledged therefor. Neither the faith and credit nor the taxing power of the State is pledged to the payment of the principal of, premium, if any, or interest on State PIT Revenue Bonds.

Pursuant to the Enabling Act, Revenue Bond Tax Fund Receipts which have been set aside to pay when due the financing agreement payments of all Authorized Issuers shall remain in the Revenue Bond Tax Fund until they are appropriated and used to make financing agreement payments. However, the Enabling Act also provides that the use of such Revenue Bond Tax Fund Receipts by the State Comptroller is "subject to the rights of holders of debt of the state" (i.e., general obligation bondholders who benefit from the faith and credit pledge of the State). Pursuant to Article VII Section 16 of the State Constitution, if at any time the State Legislature fails to make an appropriation for general obligation debt service, the State Comptroller is required to set apart from the first revenues thereafter received, applicable to the General Fund, sums sufficient to pay debt service on such general obligation debt. In the event that such revenues and other amounts in the General Fund are insufficient to so pay general obligation bondholders, the State may also use amounts on deposit in the Revenue Bond Tax Fund to pay debt service on general obligation bonds.

DOB is not aware of any existing circumstances that would cause Revenue Bond Tax Fund Receipts to be used to pay debt service on general obligation bonds in the future. The Director of the Budget believes that any failure by the State Legislature to make annual appropriations as contemplated would have a serious impact on the ability of the State and the Authorized Issuers to issue State-supported bonds to raise funds in the public credit markets and, as a result, on the ability of the State to meet its non-debt obligations.

Additional Bonds

Pursuant to each general resolution, additional bonds may be issued by the related Authorized Issuer, provided that the amount of Revenue Bond Tax Fund Receipts for any 12 consecutive calendar months ended not more than six months prior to the date of such calculation, as certified by the Director of the Budget, is at least 2.0 times the maximum Calculated Debt Service on all Outstanding State PIT Revenue Bonds, the State PIT Revenue Bonds proposed to be issued, and any additional amounts payable with respect to parity reimbursement obligations, as certified by the Director of the Budget.

Parity Reimbursement Obligations

An Authorized Issuer may incur Parity Reimbursement Obligations pursuant to the terms of the general resolution which, subject to certain exceptions, would be secured by a pledge of, and a lien on, the pledged property on a parity with the lien created by the related general resolution with respect to bonds issued thereunder. A Parity Reimbursement Obligation may be incurred in connection with obtaining a Credit Facility and represents the obligation to repay amounts advanced under the Credit Facility. It may include interest calculated at a rate higher than the interest rate on the related State PIT Revenue Bond and may be secured by a pledge of, and a lien on, pledged property on a parity with the lien created by the general resolution for the State PIT Revenue Bonds only to the extent that principal amortization requirements of the Parity Reimbursement Obligation are equal to the amortization requirements for the related State PIT Revenue Bonds, without acceleration.

Certain Covenants of the State

Pursuant to the general resolutions, the State pledges and agrees with the holders of State PIT Revenue Bonds, Bond Anticipation Notes ("BANs"), Parity Reimbursement Obligations or other obligations issued or incurred thereunder that the State will not in any way impair the rights and remedies of holders of such State PIT Revenue Bonds, BANs, Parity Reimbursement Obligations or other obligations until such State PIT Revenue Bonds, BANs, Parity Reimbursement Obligations or other obligations issued or incurred thereunder, together with interest thereon, with interest, if any, on any unpaid installments of interest and all costs and expenses in connection with any action or proceeding by or on behalf of the holders are fully met and discharged.

Pursuant to the Enabling Act and the general resolutions, nothing shall be deemed to restrict the right of the State to amend, repeal, modify or otherwise alter statutes imposing or relating to the State personal income taxes imposed pursuant to Article 22 of the Tax Law. An Event of Default under the general resolutions would not occur solely as a result of the State exercising its right to amend, repeal, modify or otherwise alter the statutes imposing or relating to such taxes. However, the Director of the Budget believes that any materially adverse amendment, modification or alteration of, or the repeal of, statutes imposing or related to the State PIT imposed pursuant to Article 22 of the Tax Law could have a serious impact on the flow of New York State PIT Receipts to the Revenue Bond Tax Fund, the ability of

the Authorized Issuers to issue Additional Bonds and the marketability of outstanding State PIT Revenue Bonds.

Reservation of State's Right to Substitute Credit

Pursuant to the Enabling Act, the State reserves the right, upon amendment of the State Constitution to permit the issuance of State Revenue Bonds, which may be payable from or secured by revenues that may include the Revenues pledged under the general resolutions, (i) to assume, in whole or in part, State PIT Revenue Bonds, (ii) to extinguish the existing lien on the pledged property created under the general resolutions, and (iii) to substitute security for State PIT Revenue Bonds, in each case only so long as the assumption, extinguishment and substitution is accomplished in accordance with either of two provisions of the general resolutions. (For these purposes, any State PIT Revenue Bonds paid or deemed to have been paid in accordance with the applicable general resolution on or before the date of any assumption, extinguishment and substitution are not to be taken into account in determining compliance with those The first provision of the general resolutions is intended to permit an assumption, provisions.) extinguishment and substitution, without any right of consent of Bondholders or other parties, if certain conditions are satisfied. The second provision of the general resolutions permitting such an assumption, extinguishment and substitution is intended to permit a broader range of changes with the consent of issuers of Credit Facilities and the consent of certain Bondholders. It provides that any such assumption, extinguishment and substitution may be effected if certain conditions are satisfied.

In the event a constitutional amendment becomes a part of the State Constitution, there can be no assurance that the State will exercise its rights of assumption, extinguishment, and substitution with respect to State PIT Revenue Bonds. There can be no assurance that the Authorized Issuer would be the issuer of any such State Revenue Bonds upon any such assumption, extinguishment and substitution and, if not the Authorized Issuer, the issuer of such State Revenue Bonds could be the State or another public entity.

Sources of New York State Personal Income Tax Receipts for the Revenue Bond Tax Fund

General History of the State Personal Income Tax

In 1919, New York State became the seventh state to enact a PIT. The present system of conformity to Federal Law with respect to income and deductions was adopted in 1960. PIT is New York's largest source of tax revenue and consistently accounts for more than one-half of all State tax receipts.

The State's PIT structure adheres closely to the definitions of adjusted gross income and itemized deductions used for Federal PIT purposes, with certain modifications, such as: (1) the inclusion of investment income from debt instruments issued by other states and municipalities and the exclusion of income on certain Federal obligations; and (2) the exclusion of pension income received by Federal, New York State and local government employees, private pension and annuity income up to \$20,000 (\$40,000 for married couples filing jointly), and any Social Security income and refunds otherwise included in Federal adjusted gross income.

Changes in Federal tax law from time to time may positively or negatively affect the amount of PIT receipts collected by the State. State Tax Law changes may also impact PIT receipts by authorizing a wide variety of credits against the PIT liability of taxpayers.

Major tax credits include: Empire State Child Credit (enacted and effective in 2006); Earned Income Tax Credit; Child and Dependent Care Credit; Household Credit; College Tuition Credit; Long-term Care Insurance Credit; Investment Credits; and, Empire Zone Credits.

Personal Income Tax Rates

Taxable income equals New York adjusted gross income ("AGI") less deductions and exemptions. The tax provides separate rate schedules for married couples, single individuals and heads of households. For the 1989 through 1994 tax years, the State income tax was imposed at rates ranging from 4.0 percent to 7.875 percent on the taxable income of individuals, estates and trusts. For taxpayers with \$100,000 or more of AGI, the benefit of the marginal tax rates in the lower brackets was recaptured through a supplementary mechanism in effect since 1991. Beginning in 1995, a major PIT cut program was phased in over three years which cut the top State PIT rate from 7.875 to 6.85 percent. For tax years 1997 through 2002, New York imposed a graduated income tax with rates ranging between 4.0 and 6.85 percent of taxable income. Legislation enacted with the FY 2004 Budget temporarily added two additional top brackets for the 2003 through 2005 tax years. For tax years 2006 through 2008, the rate schedules reverted to the rate schedule in effect for the 2002 tax year. For tax years 2009 through 2011, a temporary tax surcharge added two additional brackets, including a top rate of 8.97 percent. Legislation passed during the December 2011 special session established middle income tax rate cuts for tax years 2012 through 2014, while reducing the top tax rate to 8.82 percent, as well as instating inflation adjustment to the brackets for tax years 2013 and 2014. These brackets and rates, including the inflation adjustment, were subsequently extended through 2017. The following tables set forth the rate schedules for tax years 2013 through 2017 and for tax years after 2017 which revert to the rate schedule in effect for the 2008 tax year except that the tax brackets are permanently indexed for cost of living adjustments starting in tax year 2013.

NEW YORK STATE PERSONAL INCOME TAX RATES FOR TAX YEARS 2013 THROUGH 2017*

Married Filing Jointly and Qualified Widow(er)

Taxable Income:

axable income:
Not over \$16,450
Over \$16,450 but not over \$22,600
Over \$22,600 but not over \$26,750
Over \$26,750 but not over \$41,150
Over \$41,150 but not over \$154,350
Over \$154,350 but not over \$308,750
Over \$308,750 but not over \$2,058,550
Over \$2,058,550

Single, Married Filing Separately, Estates and Trusts

Taxable Income:

Not over \$8,200
Over \$8,200 but not over \$11,300
Over \$11,300 but not over \$13,350
Over \$13,350 but not over \$20,550
Over \$20,550 but not over \$77,150
Over \$77,150 but not over \$205,850
Over \$205,850 but not over \$1,029,250
Over \$1,029,250

Head of Household

Taxable Income:	
Not over \$12,350	4
Over \$12,350 but not over \$16,950	
Over \$16,950 but not over \$20,050	
Over \$20,050 but not over \$30,850	:
Over \$30,850 but not over \$102,900	
Over \$102,900 but not over \$257,300	
Over \$257,300 but not over \$1,543,900	:
Over \$1,543,900	

\mathbf{Tax}^{\pm}

4% of taxable income \$658 plus 4.50% of excess over \$16,450 \$935 plus 5.25% of excess over \$22,600 \$1,153 plus 5.90% of excess over \$26,750 \$2,002 plus 6.45% of excess over \$41,150 \$9,304 plus 6.65% of excess over \$154,350 \$19,571 plus 6.85% of excess over \$308,750 \$139,433 plus 8.82% of excess over \$2,058,550

4% of taxable income

\$328 plus 4.50% of excess over \$8,200 \$468 plus 5.25% of excess over \$11,300 \$575 plus 5.90% of excess over \$13,350 \$1,000 plus 6.45% of excess over \$20,550 \$4,651 plus 6.65% of excess over \$77,150 \$13,209 plus 6.85% of excess over \$205,850 \$69,612 plus 8.82% of excess over \$1,029,250

4% of taxable income \$494 plus 4.50% of excess over \$12,350 \$701 plus 5.25% of excess over \$16,950 \$864 plus 5.90% of excess over \$20,050 \$1,501 plus 6.45% of excess over \$30,850 \$6,148 plus 6.65% of excess over \$102,900 \$16,416 plus 6.85% of excess over \$257,300 \$104,548 plus 8.82% of excess over \$1,543,900

^{*} Tax year 2013 marks the first year of tax bracket inflation adjustment, based on tax year 2012 brackets. Income and tax amounts for tax years 2014 and beyond may change due to cost of living adjustments.

[±] A supplemental income tax recaptures the savings due to graduated marginal tax rates such that when a taxpayer's AGI exceeds \$2,108,550 for married filing jointly taxpayers, all taxable income becomes effectively subject to a flat 8.82 percent tax rate.

NEW YORK STATE PERSONAL INCOME TAX RATES FOR TAX YEARS AFTER 2017*

Married Filing Jointly

 \mathbf{Tax}^{\pm}

Taxable Income:	
Not over \$16,450	4% of taxable income
Over \$16,450 but not over \$22,600	\$658 plus 4.50% of excess over \$16,450
Over \$22,600 but not over \$26,750	\$935 plus 5.25% of excess over \$22,600
Over \$26,750 but not over \$41,150	\$1,153 plus 5.90% of excess over \$26,750
Over \$41,150	\$2,002 plus 6.85% of excess over \$41,150
Charles Mandal Filling Communication Francesco di Tanata	-

Single, Married Filing Separately, Estates and Trusts

Taxable Income:	
Not over \$8,200	4% of taxable income
Over \$8,200 but not over \$11,300	\$328 plus 4.50% of excess over \$8,200
Over \$11,300 but not over \$13,350	\$468 plus 5.25% of excess over \$11,300
Over \$13,350 but not over \$20,550	\$575 plus 5.90% of excess over \$13,350
Over \$20,550	\$1,000 plus 6.85% of excess over \$20,550
Head of Household	

Taxable Income: 4% of taxable income Not over \$12,350 4% of taxable income Over \$12,350 but not over \$16,950 \$494 plus 4.50% of excess over \$12,350 Over \$16,950 but not over \$20,050 \$701 plus 5.25% of excess over \$16,950 Over \$20,050 but not over \$30,850 \$864 plus 5.90% of excess over \$20,050 Over \$30,850 \$1,501 plus 6.85% of excess over \$30,850

^{*} Tax year 2013 marks the first year of tax bracket inflation adjustment, based on tax year 2012 brackets. Income and tax amounts for tax years from 2014 through 2017 may change due to cost of living adjustments.

A supplemental income tax recaptures the savings due to graduated marginal tax rates such that when a taxpayer's AGI exceeds
 \$152,950 plus a cost of living adjustment covering the period from 2013 through 2017, all taxable income becomes effectively subject to a flat 6.85 percent tax rate.

Components of the Personal Income Tax

The components of PIT liability include withholding, estimated payments, final returns, delinquencies and refunds. Taxpayers prepay their tax liability through payroll withholding taxes imposed by Section 671 of Article 22 of the Tax Law (the "Withholding Component") and estimated taxes imposed by Section 685 of Article 22 of the Tax Law. The New York State Department of Taxation and Finance collects the PIT from employers and individuals and reports the amount collected to the State Comptroller, who deposits collections net of overpayments and administrative costs.

Initiated in 1959, withholding tax is the largest component of income tax collections. New York requires employers to withhold and remit personal income taxes on wages, salaries, bonuses, commissions and similar income. The amount of withholding varies with the rates, deductions and exemptions. Under current law, employers must remit withholding liability within three business days after each payroll once the cumulative amount of liability reaches \$700. Certain small businesses and educational and health care organizations may make their withholding remittance within five business days, and employers with less than \$700 of withheld tax can remit it on a quarterly basis. Large employers (aggregate tax of more than \$100,000 per year) must make timely payment by electronic funds transfer or by certified check.

Revenue Bond Tax Fund Receipts

The Enabling Act provides that 25 percent of the receipts from the New York State PIT imposed by Article 22 of the New York State Tax Law which are deposited pursuant to Section 171-a of the Tax Law ("New York State PIT Receipts") shall be deposited in the Revenue Bond Tax Fund. Such New York State PIT Receipts currently exclude refunds paid to taxpayers. Legislation enacted in 2007 and effective April 1, 2007 increased deposits to the Revenue Bond Tax Fund by amending the Enabling Act to provide that deposits to the Revenue Bond Tax Fund be calculated before the deposit of New York State PIT Receipts to the STAR Fund. Moneys in the STAR Fund are used to reimburse school districts for school tax reductions and property tax rebates provided to homeowners and to reimburse The City of New York for PIT reductions enacted as part of the STAR program. The Debt Reduction Reserve Fund was established in FY 1999 to reserve onetime available resources to defease certain State-supported debt, pay debt service costs or pay cash for capital projects that would otherwise be financed with State-supported debt. In FYs 2001 and 2002, \$250 million was deposited from New York State PIT Receipts to the Debt Reduction Reserve Fund. New York State PIT Receipts for FYs 2001 and 2002 exclude deposits to the Debt Reduction Reserve Fund. There were no deposits of New York State PIT Receipts to the Debt Reduction Reserve Fund thereafter.

Beginning on the first day of each month, the Enabling Act requires the State Comptroller to deposit in the Revenue Bond Tax Fund all of the receipts from the Withholding Component until an amount equal to 25 percent of estimated monthly New York State PIT Receipts has been deposited into the Revenue Bond Tax Fund (the "Revenue Bond Tax Fund Receipts").

In FY 2013, New York State PIT Receipts were approximately \$40.2 billion and accounted for approximately 61 percent of State tax receipts in all State Funds. The FY 2014 Enacted Budget Financial Plan estimates New York State PIT Receipts at \$42.5 billion for FY 2014.

The following table sets forth certain historical and projected information concerning New York State PIT Receipts, the Withholding Component, and deposits to the Revenue Bond Tax Fund from FYs 2004 through 2014. The Withholding Component can exceed New York State PIT Receipts since such Receipts equal total PIT collections less (i) refunds and (ii) through FY 2007, deposits into the STAR Fund. For example, in FY 2004, refunds and STAR Fund deposits were greater than the aggregate PIT collections from components other than the Withholding Component.

NYS PIT RECEIPTS, WITHHOLDING COMPONENTS AND STATE REVENUE BONDS TAX FUND RECEIPTS STATE FISCAL YEARS 2003-04 THROUGH 2013-14

State Fiscal Year	New York State Personal Income Tax Receipts	Withholding Component	Withholding/State Personal Income Tax Receipts	Revenue Bond Tax Fund Receipts*
2003-04	\$21,827,770,700	\$21,985,657,770	100.7%	\$ 5,456,942,675
2004-05	25,040,965,404	23,374,513,925	93.3	6,260,241,351
2005-06	27,599,721,585	24,760,667,777	89.7	6,899,930,396
2006-07	30,586,021,803	26,802,005,019	87.6	7,646,505,451
2007-08	36,563,948,528*	28,440,134,437	77.8	9,140,987,132*
2008-09	36,840,019,400*	27,686,157,203	75.2	9,210,004,850*
2009-10	34,751,381,665*	29,443,180,489	84.7	8,687,845,416*
2010-11	36,209,215,560*	31,240,169,745	86.3	9,052,303,890*
2011-12	38,767,826,942*	31,198,971,588	80.5	9,691,956,736*
2012-13	40,226,617,515*	31,957,626,911	79.4	10,056,654,379*
2013-14 (est.)	42,543,000,000*	33,166,000,000	78.0	10,635,800,000*

* Reflects legislation enacted in 2007 and effective April 1, 2007 that calculates Revenue Bond Tax Fund Receipts prior to the deposit of New York State Personal Income Tax Receipts to the STAR Fund

In FY 2013, New York State PIT Receipts totaled approximately \$40.2 billion. The FY 2014 Enacted Budget Financial Plan estimates that total New York State PIT Receipts (net of refunds to taxpayers but before deposits to the STAR Fund) will increase by 5.8 percent to \$42.5 billion in FY 2013.

Total State PIT receipts (as distinguished from New York State PIT Receipts as defined herein and presented in the table above) estimates are based on the State PIT liability estimated by DOB for each of the relevant tax years and the patterns of receipts and refunds for each tax year. Such tax year liability estimates are, in turn, based largely on forecasts of State adjusted gross income, with adjustments made for legislative changes (see "General History of the State PIT" above) that will affect each year's tax liability. The level of total State PIT receipts is necessarily dependent upon economic and demographic conditions in the State, and therefore there can be no assurance that historical data with respect to total State PIT receipts will be indicative of future receipts. Since the institution of the modern income tax in New York in 1960, total PIT receipts have fallen six times on a year-over-year basis, in FY 1965, FY 1972, FY 1978, FY 1991, FY 2003, and FY 2010.

The following table shows the pattern of State adjusted gross income growth and PIT tax liability for 2004 through 2013.

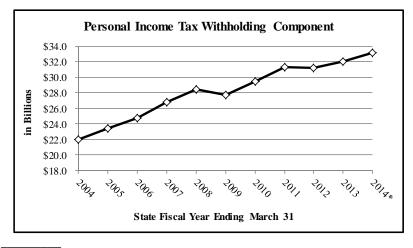
			Personal	
		Percent	Income Tax	Percent
<u>Tax Year</u>	NYS AGI	Change	Liability	Change
		(\$ in I	millions)	
2004	\$525,964	11.0%	\$25,769	14.8%
2005	571,916	8.7	28,484	10.5
2006	632,601	10.6	29,605	3.9
2007	725,245	14.6	35,215	19.0
2008	662,053	(8.7)	31,621	(10.2)
2009	596,471	(9.9)	31,162	(1.5)
2010	638,855	7.1	34,834	11.8
2011 (est.)	660,818	3.4	36,506	4.8
2012 (proj.)	717,413	8.6	38,362	5.1
2013 (proj.)	723,420	0.8	37,726	(1.7)

NYS ADJUSTED GROSS INCOME (AGI) AND PERSONAL INCOME TAX LIABILITY 2004 TO 2013*

NYS AGI and Personal Income Tax Liability reflect amounts reported on timely filed individual returns, and therefore do not include tax paid by fiduciaries or through audits.

The table indicates that under the State's progressive income tax structure with graduated tax rates, tax liability generally changes at a faster percentage rate than adjusted gross income, absent major law changes or economic events. Tax liability and adjusted gross income grew for five consecutive years, as the State economy recovered and entered a robust period of expansion. With the onset of the national recession and the financial crisis, adjusted gross income and tax liability fell in 2008 and 2009. The 2009 decline in liability is significantly smaller than that in adjusted gross income due to the enactment of a temporary tax rate increase for wealthier taxpayers that was in effect from 2009 to 2011. In December 2011, tax reform legislation was enacted for the period from 2012 through 2014, lowering tax rates for millions of taxpayers. Thus, liability is projected to rise at about the same rate in 2012 as in 2011, despite substantially higher growth in adjusted gross income estimated for this year. These rates were subsequently extended through 2017 by FY 2014 budget legislation.

The following graph shows the history of withholding receipts since FY 2004. Like overall adjusted gross incomes and tax liabilities, withholding has steadily increased each year except the recession-related FY 2009, due to overall growth in employment and wages, as well as the temporary tax surcharge which applied during FYs 2004 through 2006 and for FYs 2010 through 2012. Withholding receipts for FY 2014 are estimated to be \$1.2 billion (3.8 percent) higher compared to FY 2013.



*Estimated.

Appendix A

APPENDIX A Bonds with a Section 1 Disclosure Obligation

6 /10/1963	Office of the State Comptroller, New York State General Obligation Bonds, Dated June 1, 1963
4 /1 /1965	Office of the State Comptroller, New York State General Obligation Bonds, Dated April 1, 1965
8 /31/1967	Office of the State Comptroller, New York State General Obligation Bonds, Dated August 15, 1967
4 /6 /1972	Office of the State Comptroller, New York State General Obligation Bonds, Dated April 1, 1972
10/12/1973	Office of the State Comptroller, New York State General Obligation Bonds, Dated October 1, 1973
3 /3 /1987	Office of the State Comptroller, New York State General Obligation Bonds, Dated March 1, 1987
3 /16/1989	New York State Urban Development Corporation Cornell University Federally Taxable Revenue Bonds, Series 1989
3 /16/1989	New York State Urban Development Corporation Columbia University Federally Taxable Revenue Bonds, Series 1989
7 /22/1993	Office of the State Comptroller, New York Local Government Assistance Corporation, Series 1993C Refunding Bonds, Dated July 1, 1993
12/23/1993	Office of the State Comptroller, New York Local Government Assistance Corporation, Series 1993E Refunding Bonds, Dated December 1, 1993
1 /1 /1994	New York State Urband Development Corporation Correctional Facilities Revenue Bonds, 1993A Refunding Series
1 /4 /1994	New York State Urban Development Corporation Correctional Capital Facilities Revenue Bonds, Series 1993A
11/21/1995	New York State Urban Development Corporation State Facilities Revenue Bonds, 1995 Refunding
11/30/1995	Dormitory Authority of the State of New York, CUNY Consolidated Revenue Bonds, Series 1995A
12/14/1995	New York State Urban Development Corporation Project Revenue Bonds (Clarkson University Center for Advanced Materials Processing Loan) 1995 Refunding Series

APPENDIX A Bonds with a Section 1 Disclosure Obligation

12/14/1995	New York State Urban Development Corporation, Project Revenue Bonds (University Facilities Grants), 1995 Refunding Series
12/14/1995	New York State Urban Development Corporation Project Revenue Bonds (Syracuse Univ. Ctr. For Science & Technology) 1995 Refunding Series
3 /27/1996	Dormitory Authority of the State of New York, Mental Health Services Facilities Improvement Revenue Bonds, Series 1996B
2 /26/1998	Dormitory Authority of the State of New York, Secured Hospital Revenue Refunding Bonds, Series 1998H and 1998J
10/22/1998	Dormitory Authority of the State of New York, Revenue Bonds (Department of Education of the State of New York Issue), Series 1998
11/1 /1998	Dormitory Authority of the State of New York, Municipal Health Facilities Improvement Program Lease Revenue Bonds (New York City Issue), 1998 Series 1
12/10/1998	Dormitory Authority of the State of New York, Special Act School Districts Program Insured Revenue Bonds, Series 1998
12/15/1998	Dormitory Authority of the State of New York Revenue Bonds (Office of General Services Issue), Series 1998
12/23/1998	New York State Urban Development Corporation Revenue Bonds (Community Enhancement Facilities Assistance Program), Series 1998
1 /7 /1999	Dormitory Authority of the State of New York Revenue Bonds (New York State Department of Health Issue), Series 1999A
1 /7 /1999	Dormitory Authority of the State of New York 4201 Schools Program Revenue Bonds, Series 1998
4 /7 /1999	Dormitory Authority of the State of New York, Upstate Community Colleges, Series 1999A
4 /15/1999	Dormitory Authority of the State of New York, Office Facilities Lease Revenue Bonds (Department of Audit and Control), Series 1999
10/28/1999	Dormitory Authority of the State of New York, Special Act School District Program Insured Revenue Bonds, Series 1999A
7 /15/2000	Dormitory Authority of the State of New York, Fashion Institute of Technology Revenue Bonds, Series 2000 (State Share)

10/5 /2000	Dormitory Authority of the State of New York, State University Educational Facilities Revenue Bonds, 2000C
10/26/2000	Dormitory Authority of the State of New York, Mental Health Services Facilities Improvement Revenue Bonds, Series 2000C
12/5 /2000	Dormitory Authority of the State of New York, 4201 Schools Program Revenue Bonds, Series 2000
2 /28/2001	Dormitory Authority of the State of New York, Upstate Community Colleges Revenue Bonds, Series 2001A
3 /22/2001	Office of the State Comptroller, New York State General Obligation Bonds, Series 2001B and 2001C (tax-exempt, variable rate), Dated March 22, 2001
12/21/2001	Dormitory Authority of the State of New York, Municipal Health Facilities Improvement Program Lease Revenue Bonds (New York City Issue), 2001 Series 2 (Subseries 2-1 through 2-5)
2 /21/2002	Office of the State Comptroller, \$118,225,00 General Obligation Bonds, Series 2002A, 2002B, 2002C (tax-exempt, variable rate), Dated February 21, 2002
2 /28/2002	Dormitory Authority of the State of New York, Upstate Community Colleges Revenue Bonds, Series 2002A
1 /23/2003	Dormitory Authority of the State of New York, Secured Hospital Revenue Bonds, Series 2003 North General Hospital
2 /20/2003	Office of the State Comptroller, New York Local Government Assistance Corporation, Series 2003A Refunding Bonds, Dated February 20, 2003
2 /26/2003	New York State Urban Development Corporation, State Personal Income Tax Revenue Bonds (Economic Development and Housing), Series 2003A-1, 2003A-2 (Taxable)
3 /25/2003	New York State Housing Finance Agency, State Personal Income Tax Revenue Bonds (Economic Development and Housing) 2003 Series A Refunding and 2003 Series B Refunding (Federally Taxable)
4 /3 /2003	New York State Thruway Authority, Second General Highway and Bridge Trust Fund Bonds, Series 2003A
4 /10/2003	Dormitory Authority of the State of New York, City University System Consolidated Third General Resolution Revenue Bonds, 2003 Series 1

4 /10/2003	Dormitory Authority of the State of New York, City University System Consolidated Fourth General Resolution Revenue Bonds, Series 2003A
5 /14/2003	Office of the State Comptroller, \$251,765,000 General Obligation Refunding Bonds, Series 2003C, Dated May 14, 2003
6 /19/2003	Tobacco Settlement Financing Corporation (State of New York) Asset-Backed Revenue Bonds Series 2003A-1 and Series 2003A-1C (State Contingency Contract Secured)
6 /26/2003	Office of the State Comptroller, New York State General Obligation Bonds, Series 2003D Tax-Exempt, Series 2003E Taxable, and 2003F Tax-Exempt Refunding bonds, Dated June 26, 2003
7 /15/2003	Dormitory Authority of the State of New York, Mental Health Services Facilities Improvement Revenue Bonds, Series 2003D-2
7 /16/2003	New York State Thruway Authority, Second General Highway and Bridge Trust Fund Bonds, Series 2003B
10/9 /2003	New York State Urban Development Corporation, State Personal Income Tax Revenue Bonds (Economic Development & Housing), 2003C-1, and 2003C-2 (Taxable)
11/6 /2003	Dormitory Authority of the State of New York Revenue Bonds (Department of Education of the State of New York Issue), Series 2003
12/2 /2003	Tobacco Settlement Financing Corporation (State of New York) Asset-Backed Revenue Bonds Series 2003B-1 and Series 2003B-1C (State Contingency Contract Secured)
12/3 /2003	Dormitory Authority of the State of New York, Department of Health of the State of New York Revenue Refunding Bonds, Series 2003
12/9 /2003	Dormitory Authority of the State of New York, Lease Revenue Bonds (State University Dormitory Facilities Issue), Series 2003A, 2003 B, and 2003C (Federally Taxable)
12/18/2003	New York State Environmental Facilities Corporation, Taxable Environmental Infrastructure Revenue Bonds, Series 2003A, 2003B
1 /8 /2004	Dormitory Authority of the State of New York, Mental Health Services Facilities Improvement Revenue Bonds, Series 2003A, Series 2003B
2 /26/2004	Office of the State Comptroller, New York Local Government Assistance Corporation, Series 2004A Refunding Bonds, Dated February 26, 2004
3 /17/2004	New York State Housing Finance Agency, State Personal Income Tax Revenue Bonds (Economic Development and Housing), Series 2004A and 2004B

3 /24/2004	New York State Thruway Authority, Second General Highway and Bridge Trust Fund Bonds, Series 2004A
3 /25/2004	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (Education) Series 2004A, 2004B (Federally Taxable)
3 /25/2004	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (Economic Development and Housing) Series 2004A, 2004B (Federally Taxable)
3 /25/2004	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (State Facilities and Equipment), Series 2004A
4 /6 /2004	Dormitory Authority of the State of New York, Department of Health of the State of New York Refunding Issue, Series 2004
4 /6 /2004	Dormitory Authority of the State of New York, Department of Health of the State of New York Revenue Refunding Bonds, Series 20041&2
4 /7 /2004	Dormitory Authority of the State of New York, Upstate Community Colleges Revenue Bonds, Series 2004
4 /21/2004	New York State Urban Development Corporation, New York Job Development Authority State Guaranteed Special Purpose Bonds, 2004 Series A&B
7 /14/2004	Dormitory Authority of the State of New York, Upstate Community College Revenue Bonds, Series 2004B
7 /28/2004	New York State Thruway Authority, Second General Highway and Bridge Trust Fund Bonds, Series 2004B
10/14/2004	New York State Thruway Authority, State Personal Income Tax Revenue Bonds Transportation), Series 2004A
10/21/2004	Dormitory Authority of the State of New York, Lease Revenue Bonds (State University Dormitory Facilities Issue), Series 2004A
12/21/2004	New York State Environmental Facilities Corporation, State Personal Income Tax Revenue Bonds (Environment), Series 2004A
12/22/2004	New York State Urban Development Corporation, State Personal Income Tax Revenue Bonds (State Facilities & Equipment), Series 2004A-1, 2004A-2, 2004A-3, 2004A-4 (Economic Development & Housing), 2004B-1, 2004B-2, 2004B-3 (Taxable)
2 /24/2005	Dormitory Authority of the State of New York, Mental Health Services Facilities Improvement Revenue Bonds, Series 2005A, 2005B, 2005C-1, and 2005D-1

2 /24/2005	Dormitory Authority of the State of New York, City University System Consolidated Fifth General Resolution Revenue Bonds, Series 2005A
3 /2 /2005	Dormitory Authority of the State of New York, Third General Resolution Revenue Bonds (State University Educational Facilities Issue), Series 2005A
3 /2 /2005	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds (Education), Series 2005A, 2005B
3 /3 /2005	Dormitory Authority of the State of New York, Upstate Community College Revenue Bonds, Series 2005A, 2005B, 2005C
3 /10/2005	New York State Housing Finance Agency, State Personal Income Tax Revenue Bonds (Economic Development and Housing), 2005 Series A, 2005 Series B and 2005 Series C
3 /16/2005	Office of the State Comptroller, New York State General Obligation Bonds, Series 2005A Tax-Exempt, 2005B Taxable and 2005C Tax-Exempt Refunding Bonds, Dated March 16, 2005
3 /24/2005	New York State Thruway Authority, Second General Highway and Bridge Trust Fund Bonds, Series 2005A
3 /24/2005	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds (Education), Series 2005D, 2005E (Federally Taxable)
3 /24/2005	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds (Economic Development and Housing), Series 2005B
4 /7 /2005	Dormitory Authority of the State of New York, Lease Revenue Bonds (State University Dormitory Facilities Issue), Series 2005A
4 /12/2005	Dormitory Authority of the State of New York, Department of Health of the State of New York Refunding Revenue Bonds, Series 2005
5 /26/2005	New York State Urban Development Corporation Service Contract Revenue Refunding Bonds, Series 2005A
6 /22/2005	New York State Urban Development Corporation State Personal Income Tax Revenue Bonds (Economic Dev. & Housing), Series 2005 A-1, Series 2005 A-2 (Federally Taxable)
6 /30/2005	Dormitory Authority of the State of New York, State Service Contract Revenue Bonds (Albany County Airport Project) Series 2005
7 /14/2005	New York State Thruway Authority, State Personal Income Tax Revenue Bonds (Transportation), Series 2005A

9 /8 /2005	New York State Thruway Authority, Second General Highway and Bridge Trust Fund Bonds, Series 2005B
10/20/2005	Dormitory Authority of the State of New York, Lease Revenue Bonds (State University Dormitory Facilities Issue), Series 2005B and 2005C
11/22/2005	New York State Urban Development Corporation, State Personal Income Tax Revenue Bonds (State Facilities & Equipment), Series 2005B
12/7 /2005	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds (Education), Series 2005F, 2005 G (Federally Taxable)
12/15/2005	Dormitory Authority of the State of New York, Mental Health Services Facilities Improvement Revenue Bonds, Series 2005EF
1 /5 /2006	New York State Urban Development Corporation Service Contract Revenue Refunding Bonds, Series 2005B
1 /6 /2006	New York State Environmental Facilities Corporation, State Personal Income Tax Revenue Bonds, Series 2006A
3 /16/2006	New York State Housing Finance Agency, Personal Income Tax Revenue Bonds (Economic Development and Housing) 2006 Series A, 2006 Series B,(Federally Taxable) and 2006 Series C
3 /29/2006	Office of the State Comptroller, New York State General Obligation Bonds, Series 2006A Tax-Exempt and Series 2006B Taxable Bonds, Dated March 29, 2006
3 /30/2006	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (Economic Development and Housing), Series 2006A (Federally Taxable)
3 /30/2006	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (Education), Series 2006A and Series 2006B (Federally Taxable)
4 /19/2006	Office of the State Comptroller, New York State General Obligation Bonds, Series 2006C Tax-Exempt and 2006D Taxable Refunding Bonds, Dated April 19, 2006
6 /14/2006	Dormitory Authority of the State of New York, Municipal Health Facilites improvement Program Lease Revenue Bonds (The City of New York Issue), Series 2006A
7 /6 /2006	Dormitory Authority of the State of New York, Department of Health of the State of New York Revenue Bonds, Series 2006A
7 /12/2006	Dormitory Authority of the State of New York, City University System Consolidated Fifth General Resolution Revenue Bonds, Series 2006A

7 /27/2006	New York State Thruway Authority, Second General Highway and Bridge Trust Fund Bonds, Series 2006A
8 /9 /2006	Dormitory Authority of the State of New York, Lease Revenue Bonds (State University Dormitory Facilities Issue), Series 2006A
8 /30/2006	New York State Thruway Authority, State Personal Income Tax Revenue Bonds (Transportation), Series 2006A
10/4 /2006	Dormitory Authority of the State of New York Revenue Bonds (Department of Education of the State of New York Issue), Series 2006A
11/15/2006	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (Education), Series 2006C
12/20/2006	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (Economic Development and Housing), Series 2006B
12/20/2006	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (Education), Series 2006D and Series 2006E (Federally Taxable)
1 /18/2007	New York State Environmental Facilities Corporation, State Personal Income Tax Revenue Bonds, Series 2007A
1 /18/2007	New York State Environmental Facilities Corporation, Riverbank State Park Special Obligation Refunding Bonds, Series 2007
1 /18/2007	Dormitory Authority of the State of New York, Secured Hospital Revenue Refunding Bonds, Series 2006 (The Bronx-Lebanon Hospital Center)
3 /15/2007	New York State Urban Development Corporation, State Personal Income Tax Revenue Bonds (Economic Dev. & Housing), Series 2007A
3 /15/2007	New York State Urban Development Corporation, State Personal Income Tax Revenue Bonds (State Facilities & Equipment), Series 2007B
3 /21/2007	Dormitory Authority of the State of New York, Mental Health Services Facilities Improvement Revenue Bonds, Series 2007A, 2007B, 2007C, 2007D
3 /22/2007	Office of the State Comptroller, New York State General Obligation Bonds, Series 2007A Tax-Exempt Bonds, Series 2007B Taxable Bonds, Dated March 22, 2007
3 /28/2007	Dormitory Authority of the Stare of New York, Secured Hospital Revenue Refunding Bons, Series 2007 (Interfaith Medical Center)

3 /28/2007	New York State Thruway Authority, Second General Highway and Bridge Trust Fund Bonds, Series 2007A
3 /29/2007	Dormitory Authority of the State of New York, Secured Hospital Revenue Refunding Bonds, Series 2007A (The Jamaica Hospital)
4 /4 /2007	New York State Housing Finance Agency, Personal Income Tax Revenue Bonds (Economic Development and Housing) Series 2007A, B & C
6 /13/2007	New York State Thruway Authority, Local Highway and Bridge Service Contract Bonds, Series 2007
6 /20/2007	New York State Thruway Authority, Second General Highway and Bridge Trust Fund Bonds, Series 2007B
7 /11/2007	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (Economic Development and Housing), Series 2007A
7 /11/2007	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (Education), Series 2007A and B
8 /1 /2007	Dormitory Authority of the State of New York, Lease Revenue Bonds (State University Dormitory Facilities Issue), Series 2007
8 /22/2007	Office of the State Comptroller, New York Local Government Assistance Corporation, Series 2007A Refunding Bonds, Dated August 22, 2007
9 /6 /2007	New York State Thruway Authority, State Personal Income Tax Revenue Bonds, Series 2007A
9 /25/2007	New York State Thruway Authority, State Personal Income Tax Revenue Bonds, Series 2007A (Refunding)
10/5 /2007	New York State Urban Development Corporation, Service Contract Revenue Refunding Bonds, Series 2007A
10/18/2007	Dormitory Authority of the State of New York, State of New York Consolidated Service Contract Refunding Revenue Bonds, Series 2007
10/25/2007	New York State Urban Development Corporation, State Personal Income Tax Revenue Bonds (State Facilities & Equipment), Series 2007C
1 /10/2008	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (Education), Series 2007C

1 /17/2008	New York State Urban Development Corporation, State Personal Income Tax Revenue Bonds (Economic Development & Housing), Series 2008A-1, Series 2008A-2 (Federally Taxable)
2 /26/2008	New York State Thruway Authority, Local Highway and Bridge Service Contract Bonds, Series 2008
2 /28/2008	Office of the State Comptroller, New York Local Government Assistance Corporation, Series 2008A Refunding Bonds, Dated February 28, 2008
3 /12/2008	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (Economic Development and Housing), Series 2008A and Series 2008B (Federally Taxable)
3 /12/2008	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (Healthcare), Series 2008A
3 /20/2008	New York State Thruway Authority, Second General Highway and Bridge Trust Fund Bonds, Series 2008A
3 /27/2008	New York State Environmental Facilities Corporation, State Personal Income Tax Revenue Bonds, Series 2008A
3 /27/2008	Office of the State Comptroller, New York State General Obligation Bonds, Series 2008A Tax-Exempt Bonds, 2008B Taxable Bonds, Dated March 27, 2008
3 /27/2008	Tobacco Settlement Financing Corporation (State of New York) Asset-Backed Revenue Bonds Series 2008A and Series 2008B (State Contingency Contract Secured)
6 /12/2008	Dormitory Authority of the State of New York, Municipal Health Facilities Improvement Program Lease Revenue Bonds (New York City Issue), 2008 Series 1
6 /19/2008	New York State Housing Finance Agency State Personal Income Tax Revenue Bonds (Economic Development and Housing), Series 2008AB
6 /19/2008	New York State Housing Finance Agency State Personal Income Tax Revenue Variable Rate Refunding Bonds, Series 2008AB
6 /24/2008	New York State Urban Development Corporation Service Contract Revenue Refunding Bonds, Series 2008A1-5
6 /24/2008	New York State Urban Development Corporation Service Contract Revenue Refunding Bonds, Series 2008B

6 /26/2008	Office of the State Comptroller, New York Local Government Assistance Corporation, Series 2008B Variable Rate Refunding Bonds, Dated June 26, 2008
7 /9 /2008	Dormitory Authority of the State of New York State Personal Income Tax Revenue Bonds (Education), Series 2008A
7 /17/2008	New York State Urban Development Corporation State Personal Income Tax Revenue Variable Rate Remarketing Bonds, 2004A-3
7 /24/2008	Dormitory Authority of the State of New York Mental Health Services Facilities Improvement Bonds, Series 2008A-E
8 /21/2008	Office of the State Comptroller, New York Local Government Assistance Corporation, Series 2008C Refunding Bonds, Dated August 21, 2008
8 /28/2008	Dormitory Authority of the State of New York, City University System Consolidated Revenue Fixed Rate Refunding Bonds, Series 2008A and Series 2008B
9 /4 /2008	New York State Thruway Authority Second General Highway and Bridge Trust Fund Bonds, Series 2008B
9 /9 /2008	New York State Urban Development Service Contract Revenue Fixed Rate Refunding Bonds, Series 2008C
9 /10/2008	New York State Thruway Authority State Personal Income Tax Revenue Refunding Bonds, Series 2008A
9 /11/2008	Dormitory Authority for the State of New York, Lease Revenue Bonds State University Dormitory Facilities Issue), Series 2008A
11/25/2008	New York State Urban Development Corporation Service Contract Revenue Refunding Bonds, Series 2008D
11/25/2008	Dormitory Authority of the State of New York State Personal Income Tax Revenue Fixed Rate Refunding Bonds, Series 2008C (Federally Taxable) (Economic Development and Housing), Series 2008C (Education)
11/25/2008	Dormitory Authority of the State of New York State Personal Income Tax Revenue Bonds (Education), Series 2008B
12/11/2008	Dormitory Authority of the State of New York, City University System Consolidated Revenue Variable Rate Refunding Bonds, Series 2008CD
12/11/2008	Dormitory Authority of the State of New York, City University System Consolidated Revenue Fixed Rate Refunding Bonds, Series 2008E

12/12/2008	Dormitory Authority of the State of New York Mental Health Services Facilities Improvement Revenue Fixed Rate Refunding Bonds, Series 2008F
1 /14/2009	New York State Housing Finance Agency Service Contract Revenue Variable Rate Remarketing Bonds, Series 2003L, Series 2003M-1, and Series 2003M-2
1 /15/2009	New York State Urban Development Corporation State Personal Income Tax Revenue Bonds, Economic Development and Housing Series, 2009A-1, and 2009A-2 (Federally Taxable), State Facilities and Equipment Series, 2009B-1 and 2009B-2 (Federally Taxable)
2 /19/2009	Dormitory Authority of the State of New York State Personal Income Tax Revenue Bonds, Series 2009A (EC DEV & HOUSE), Series 2009A (HEALTH), Series 2009A (ED)
3 /4 /2009	New York State Thruway Authority Second General Highway and Bridge Trust Fund Bonds, Series 2009A-1 and Series 2009A-2
3 /19/2009	New York State Environmental Facilities Corporation State Personal Income Tax Revenue Bonds, Series 2009A (Environment)
3 /19/2009	Office of the State Comptroller, State of New York General Obligation Bonds, Series 2009A Tax-Exempt and Series 2009B Taxable Bonds, Dated March 19, 2009
3 /26/2009	Dormitory Authority of the State of New York, Mental Health Services Facilities Improvement Revenue Fixed Rate Refunding Bonds, Series 2009A
6 /10/2009	Office of the State Comptroller, New York Local Government Assistance Corporation, Series 2008B-C/D Tax-Exempt and 2003A-5/6 Tax-Exempt Refunding Bonds, dated June 10, 2009
6 /16/2009	New York State Thruway Authority Personal Income Tax Revenue Bonds, Series 2009A
6 /30/2009	New York State Thruway Authority 2nd General Highway and Bridge Trust Fund Bonds, Series 2009B
7 /1 /2009	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (General Purpose), Series 2009A, B
8 /3 /2009	Office of the State Comptroller, New York Local Government Assistance Corporation, Series 2003A-8V Refunding Bonds (Substitution of Liquidity Facility and Cancellation of Bond Insurance Policy), Dated August 3, 2009.
8 /27/2009	New York State Housing Finance Agency State Personal Income Tax Revenue Bonds (Education and Housing), Series 2009AB

8 /31/2009	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (General Purpose), Series 2009D, E, F
9 /24/2009	Dormitory Authority of the State of New York, State of New York Consolidated Service Contract Refunding Revenue Bonds, Series 2009A
10/15/2009	New York State Thruway Authority Local Highway and Bridge Service Contract Bonds, Series 2009
10/20/2009	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (General Purpose), Series 2009G,H
10/20/2009	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (Education), Qualified School Construction Bonds, Series 2009
11/19/2009	Dormitory Authority of the State of New York, Lease Revenue Bonds (State University Dormitory Facilities Issue), Series 2009A
12/1 /2009	New York State Urban Development Corporation State Personal Income Tax Revenue Bonds, General Purpose 2009C, 2009D (Federally Taxable), & 2009E (Federally Taxable Build America Bonds)
12/3 /2009	Office of the State Comptroller, State of New York General Obligation Bonds, Series 2009C Tax-Exempt Refunding Bonds, Dated December 3, 2009
3 /10/2010	Dormitory Authority of the State of New York, Mental Health Services Facilities Improvement Revenue Bonds, Series 2010A
3 /10/2010	Office of the State Comptroller, State of New York General Obligation Bonds, Series 2010A Tax-Exempt Bonds, 2010B Taxable Bonds and 2010C Build America Bonds (BABs), Dated March 3, 2010
3 /11/2010	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (General Purpose), Series 2010A,C
3 /17/2010	New York State Thruway Authority 2nd General Highway and Bridge Trust Fund Bonds, Series 2010A,B
5 /27/2010	Office of the State Comptroller, New York Local Government Assistance Corporation Series 2010A Refunding Bonds, Dated May 27, 2010
6 /3 /2010	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (General Purpose), Series 2010D

6 /3 /2010	New York State Urban Development Corporation Service Contract Revenue Refunding Bonds, Series 2010A
6 /16/2010	Dormitory Authority of the State of New York, Municipal Health Facilites Improvement Program Lease Revenue Bonds (New York City Issue), 2010 Series 1
8 /26/2010	Dormitory Authority of the State of New York, Municipal Health Facilites Improvement Program Lease Revenue Bonds (The City of New York Issue), Series 2010A
9 /22/2010	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (Education), Qualified School Construction Bonds, Series 2010
9 /24/2010	New York State Thruway Authority Personal Income Tax Revenue Bonds, Series 2010A
9 /29/2010	Dormitory Authority of the State of New York, Lease Revenue Bonds (State University Dormitory Facilities Issue), Series 2010A
9 /30/2010	Dormitory Authority of the State of New York, City University System Consolidated Fifth General Resolution Revenue Bonds, Series 2010A
10/5 /2010	New York State Urban Development Corporation Service Contract Revenue Refunding Bonds, Series 2010B
10/14/2010	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (General Purpose), Series 2010E,F,G,H
12/1 /2010	Office of the State Comptroller, New York Local Government Assistance Corporation, Series 2003A-4V Refunding Bonds (Substitution of Liquidity Facility and Cancellation of Bond Insurance Policy), Dated December 1, 2010.
12/1 /2010	Office of the State Comptroller, New York Local Government Assistance Corporation, Series 2010B Refunding Bonds, Dated December 1, 2010
12/8 /2010	New York State Urban Development Corporation State Personal Income Tax Revenue Bonds, General Purpose 2010 A, 2010 B (Federally Taxable), & 2010 C (Federally Taxable Build America Bonds)
12/16/2010	Dormitory Authority of the State of New York, State of New York Consolidated Service Contract Refunding Revenue Bonds, Series 2010
3 /30/2011	Office of the State Comptroller, State of New York General Obligation Bonds, Series 2011A Tax-Exempt, Series 2011B Taxable, Series 2011C Tax-Exempt Refunding and 2011D Taxable Refunding Bonds, Dated March 30, 2011

3 /30/2011	Dormitory Authority of the State of New York, Secured Hospital Revenue Refunding Bonds, Series 2011 (NY Downtown Hospital)
6 /9 /2011	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (General Purpose), Series 2011A&B
6 /23/2011	New York State Thruway Authority 2nd General Highway Bridge & Trust Fund Bonds, Series 2011A
6 /29/2011	New York State Housing Finance Agency Consolidated Service Contract Revenue Bonds, 2011 Series A Refunding
7 /6 /2011	Dormitory Authority of the State of New York, Lease Revenue bonds (State University Dormitory Facilities Issue), Series 2011A
7 /7 /2011	Tobacco Settlement Financing Corporation (State of New York) Asset-Backed Revenue Bonds Series 2011A and Series 2011B (State Contingency Contract Secured)
7 /13/2011	Dormitory Authority of the State of New York, Department of Health Veterans Homes Issue, Series 2011A
7 /13/2011	Dormitory Authority of the State of New York, Department of Health Revenue Refunding Bonds, Series 2011A
7 /21/2011	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (General Purpose), Series 2011C&D
9 /8 /2011	New York State Urban Development Corporation Service Contract Revenue Refunding Bonds, Series 2011A
9 /14/2011	New York State Thruway Authority Personal Income Tax Revenue Bonds, Series 2011A
9 /15/2011	Office of the State Comptroller, State of New York Local Government Assistance Corporation, Series 2011A Refunding Bonds, Dated September 15, 2011
10/13/2011	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (General Purpose), Series 2011E&F
12/8 /2011	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (General Purpose), Series 2011G
12/15/2011	Office of the State Comptroller, State of New York General Obligation Bonds, Series 2011E Tax-Exempt and 2011F Taxable Bonds, Dated December 15, 2011

12/21/2011	New York State Urban Development Corporation State Personal Income Tax Revenue Bonds, General Purpose 2011A, 2011B (Federally Taxable)
2 /23/2012	Dormitory Authority of the State of New York, Third General Resolution Revenue Bonds (State University Educational Facilities Issue), Series 2012A
3 /15/2012	New York State Thruway Authority, Local Highway and Bridge Service Contract Bonds, Seriers 2012
3 /22/2012	New York State Thruway Authority 2nd General Highway Bridge and Trust Fund Bonds, Series 2012A
6 /1 /2012	Office of the State Comptroller, New York Local Government Assistance Corporation, Series 2012A Refunding Bonds, Dated June 1, 2012
6 /28/2012	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (General Purpose), Series 2012A
7 /26/2012	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (General Purpose), Series 2012B & 2012C
9 /6 /2012	New York State Thruway Authority Personal Income Tax Revenue Bonds, Series 2012A
9 /19/2012	Dormitory Authority of the State of New York, Lease Revenue Bonds (State University Dormitory Facilities Issue), Series 2012A
10/18/2012	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (General Purpose), Series 2012D,E,F
3 /19/2013	Office of the State Comptroller, State of New York General Obligation Bonds, Series 2013A Tax-Exempt, Series 2013B Taxable and Series 2013C Tax-Exempt Refunding Bonds, Dated March 19, 2013
3 /19/2013	New York State Urban Development Corporation State Personal Income Tax Revenue Bonds, General Purpose 2013A-1, 2013A-2,2013B (Federally Taxable)

Appendix B

3 /16/1989	New York State Urban Development Corporation Columbia University Federally Taxable Revenue Bonds, Series 1989
3 /16/1989	New York State Urban Development Corporation Cornell University Federally Taxable Revenue Bonds, Series 1989
7 /22/1993	Office of the State Comptroller, New York Local Government Assistance Corporation, Series 1993C Refunding Bonds, Dated July 1, 1993
12/23/1993	Office of the State Comptroller, New York Local Government Assistance Corporation, Series 1993E Refunding Bonds, Dated December 1, 1993
1 /1 /1994	New York State Urband Development Corporation Correctional Facilities Revenue Bonds, 1993A Refunding Series
1 /4 /1994	New York State Urban Development Corporation Correctional Capital Facilities Revenue Bonds, Series 1993A
11/21/1995	New York State Urban Development Corporation State Facilities Revenue Bonds, 1995 Refunding
12/14/1995	New York State Urban Development Corporation Project Revenue Bonds (Syracuse Univ. Ctr. For Science & Technology) 1995 Refunding Series
12/14/1995	New York State Urban Development Corporation Project Revenue Bonds (Clarkson University Center for Advanced Materials Processing Loan) 1995 Refunding Series
12/14/1995	New York State Urban Development Corporation, Project Revenue Bonds (University Facilities Grants), 1995 Refunding Series
3 /27/1996	Dormitory Authority of the State of New York, Mental Health Services Facilities Improvement Revenue Bonds, Series 1996B
2 /26/1998	Dormitory Authority of the State of New York, Secured Hospital Revenue Refunding Bonds, Series 1998H and 1998J
10/22/1998	Dormitory Authority of the State of New York, Revenue Bonds (Department of Education of the State of New York Issue), Series 1998
11/1 /1998	Dormitory Authority of the State of New York, Municipal Health Facilities Improvement Program Lease Revenue Bonds (New York City Issue), 1998 Series 1
12/10/1998	Dormitory Authority of the State of New York, Special Act School Districts Program Insured Revenue Bonds, Series 1998

1 /7 /1999	Dormitory Authority of the State of New York Revenue Bonds (New York State Department of Health Issue), Series 1999A
1 /7 /1999	Dormitory Authority of the State of New York 4201 Schools Program Revenue Bonds, Series 1998
4 /15/1999	Dormitory Authority of the State of New York, Office Facilities Lease Revenue Bonds (Department of Audit and Control), Series 1999
10/28/1999	Dormitory Authority of the State of New York, Special Act School District Program Insured Revenue Bonds, Series 1999A
7 /15/2000	Dormitory Authority of the State of New York, Fashion Institute of Technology Revenue Bonds, Series 2000 (State Share)
10/26/2000	Dormitory Authority of the State of New York, Mental Health Services Facilities Improvement Revenue Bonds, Series 2000C
12/5 /2000	Dormitory Authority of the State of New York, 4201 Schools Program Revenue Bonds, Series 2000
12/21/2001	Dormitory Authority of the State of New York, Municipal Health Facilities Improvement Program Lease Revenue Bonds (New York City Issue), 2001 Series 2 (Subseries 2-1 through 2-5)
1 /23/2003	Dormitory Authority of the State of New York, Secured Hospital Revenue Bonds, Series 2003 North General Hospital
2 /20/2003	Office of the State Comptroller, New York Local Government Assistance Corporation, Series 2003A Refunding Bonds, Dated February 20, 2003
2 /26/2003	New York State Urban Development Corporation, State Personal Income Tax Revenue Bonds (Economic Development and Housing), Series 2003A-1, 2003A-2 (Taxable)
3 /25/2003	New York State Housing Finance Agency, State Personal Income Tax Revenue Bonds (Economic Development and Housing) 2003 Series A Refunding and 2003 Series B Refunding (Federally Taxable)
4 /3 /2003	New York State Thruway Authority, Second General Highway and Bridge Trust Fund Bonds, Series 2003A
6 /19/2003	Tobacco Settlement Financing Corporation (State of New York) Asset-Backed Revenue Bonds Series 2003A-1 and Series 2003A-1C (State Contingency Contract Secured)

7 /15/2003	Dormitory Authority of the State of New York, Mental Health Services Facilities Improvement Revenue Bonds, Series 2003D-2
7 /16/2003	New York State Thruway Authority, Second General Highway and Bridge Trust Fund Bonds, Series 2003B
10/9 /2003	New York State Urban Development Corporation, State Personal Income Tax Revenue Bonds (Economic Development & Housing), 2003C-1, and 2003C-2 (Taxable)
12/2 /2003	Tobacco Settlement Financing Corporation (State of New York) Asset-Backed Revenue Bonds Series 2003B-1 and Series 2003B-1C (State Contingency Contract Secured)
12/3 /2003	Dormitory Authority of the State of New York, Department of Health of the State of New York Revenue Refunding Bonds, Series 2003
1 /8 /2004	Dormitory Authority of the State of New York, Mental Health Services Facilities Improvement Revenue Bonds, Series 2003A, Series 2003B
2 /26/2004	Office of the State Comptroller, New York Local Government Assistance Corporation, Series 2004A Refunding Bonds, Dated February 26, 2004
3 /24/2004	New York State Thruway Authority, Second General Highway and Bridge Trust Fund Bonds, Series 2004A
3 /25/2004	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (State Facilities and Equipment), Series 2004A
3 /25/2004	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (Education) Series 2004A, 2004B (Federally Taxable)
3 /25/2004	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (Economic Development and Housing) Series 2004A, 2004B (Federally Taxable)
4 /6 /2004	Dormitory Authority of the State of New York, Department of Health of the State of New York Revenue Refunding Bonds, Series 20041&2
7 /28/2004	New York State Thruway Authority, Second General Highway and Bridge Trust Fund Bonds, Series 2004B
10/14/2004	New York State Thruway Authority, State Personal Income Tax Revenue Bonds Transportation), Series 2004A
12/21/2004	New York State Environmental Facilities Corporation, State Personal Income Tax Revenue Bonds (Environment), Series 2004A

12/22/2004	New York State Urban Development Corporation, State Personal Income Tax Revenue Bonds (State Facilities & Equipment), Series 2004A-1, 2004A-2, 2004A-3, 2004A-4 (Economic Development & Housing), 2004B-1, 2004B-2, 2004B-3 (Taxable)
3 /2 /2005	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds (Education), Series 2005A, 2005B
3 /10/2005	New York State Housing Finance Agency, State Personal Income Tax Revenue Bonds (Economic Development and Housing), 2005 Series A, 2005 Series B and 2005 Series C
3 /24/2005	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds (Economic Development and Housing), Series 2005B
3 /24/2005	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds (Education), Series 2005D, 2005E (Federally Taxable)
3 /24/2005	New York State Thruway Authority, Second General Highway and Bridge Trust Fund Bonds, Series 2005A
4 /7 /2005	Dormitory Authority of the State of New York, Lease Revenue Bonds (State University Dormitory Facilities Issue), Series 2005A
4 /12/2005	Dormitory Authority of the State of New York, Department of Health of the State of New York Refunding Revenue Bonds, Series 2005
6 /22/2005	New York State Urban Development Corporation State Personal Income Tax Revenue Bonds (Economic Dev. & Housing), Series 2005 A-1, Series 2005 A-2 (Federally Taxable)
7 /14/2005	New York State Thruway Authority, State Personal Income Tax Revenue Bonds (Transportation), Series 2005A
9 /8 /2005	New York State Thruway Authority, Second General Highway and Bridge Trust Fund Bonds, Series 2005B
10/20/2005	Dormitory Authority of the State of New York, Lease Revenue Bonds (State University Dormitory Facilities Issue), Series 2005B and 2005C
11/22/2005	New York State Urban Development Corporation, State Personal Income Tax Revenue Bonds (State Facilities & Equipment), Series 2005B
12/7 /2005	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds (Education), Series 2005F, 2005 G (Federally Taxable)
12/15/2005	Dormitory Authority of the State of New York, Mental Health Services Facilities Improvement Revenue Bonds, Series 2005EF

1 /5 /2006	New York State Urban Development Corporation Service Contract Revenue Refunding Bonds, Series 2005B
1 /6 /2006	New York State Environmental Facilities Corporation, State Personal Income Tax Revenue Bonds, Series 2006A
3 /16/2006	New York State Housing Finance Agency, Personal Income Tax Revenue Bonds (Economic Development and Housing) 2006 Series A, 2006 Series B,(Federally Taxable) and 2006 Series C
3 /30/2006	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (Economic Development and Housing), Series 2006A (Federally Taxable)
3 /30/2006	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (Education), Series 2006A and Series 2006B (Federally Taxable)
6 /14/2006	Dormitory Authority of the State of New York, Municipal Health Facilites improvement Program Lease Revenue Bonds (The City of New York Issue), Series 2006A
7 /6 /2006	Dormitory Authority of the State of New York, Department of Health of the State of New York Revenue Bonds, Series 2006A
7 /27/2006	New York State Thruway Authority, Second General Highway and Bridge Trust Fund Bonds, Series 2006A
8 /9 /2006	Dormitory Authority of the State of New York, Lease Revenue Bonds (State University Dormitory Facilities Issue), Series 2006A
8 /30/2006	New York State Thruway Authority, State Personal Income Tax Revenue Bonds (Transportation), Series 2006A
11/15/2006	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (Education), Series 2006C
12/20/2006	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (Education), Series 2006D and Series 2006E (Federally Taxable)
1 /18/2007	Dormitory Authority of the State of New York, Secured Hospital Revenue Refunding Bonds, Series 2006 (The Bronx-Lebanon Hospital Center)
1 /18/2007	New York State Environmental Facilities Corporation, State Personal Income Tax Revenue Bonds, Series 2007A
3 /15/2007	New York State Urban Development Corporation, State Personal Income Tax Revenue Bonds (State Facilities & Equipment), Series 2007B

3 /15/2007	New York State Urban Development Corporation, State Personal Income Tax Revenue Bonds (Economic Dev. & Housing), Series 2007A
3 /21/2007	Dormitory Authority of the State of New York, Mental Health Services Facilities Improvement Revenue Bonds, Series 2007A, 2007B, 2007C, 2007D
3 /28/2007	New York State Thruway Authority, Second General Highway and Bridge Trust Fund Bonds, Series 2007A
3 /28/2007	Dormitory Authority of the Stare of New York, Secured Hospital Revenue Refunding Bons, Series 2007 (Interfaith Medical Center)
3 /29/2007	Dormitory Authority of the State of New York, Secured Hospital Revenue Refunding Bonds, Series 2007A (The Jamaica Hospital)
4 /4 /2007	New York State Housing Finance Agency, Personal Income Tax Revenue Bonds (Economic Development and Housing) Series 2007A, B & C
6 /20/2007	New York State Thruway Authority, Second General Highway and Bridge Trust Fund Bonds, Series 2007B
7 /11/2007	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (Education), Series 2007A and B
7 /11/2007	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (Economic Development and Housing), Series 2007A
8 /1 /2007	Dormitory Authority of the State of New York, Lease Revenue Bonds (State University Dormitory Facilities Issue), Series 2007
8 /22/2007	Office of the State Comptroller, New York Local Government Assistance Corporation, Series 2007A Refunding Bonds, Dated August 22, 2007
9 /6 /2007	New York State Thruway Authority, State Personal Income Tax Revenue Bonds, Series 2007A
9 /25/2007	New York State Thruway Authority, State Personal Income Tax Revenue Bonds, Series 2007A (Refunding)
10/25/2007	New York State Urban Development Corporation, State Personal Income Tax Revenue Bonds (State Facilities & Equipment), Series 2007C
1 /10/2008	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (Education), Series 2007C

1 /17/2008	New York State Urban Development Corporation, State Personal Income Tax Revenue Bonds (Economic Development & Housing), Series 2008A-1, Series 2008A-2 (Federally Taxable)
2 /28/2008	Office of the State Comptroller, New York Local Government Assistance Corporation, Series 2008A Refunding Bonds, Dated February 28, 2008
3 /12/2008	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (Healthcare), Series 2008A
3 /12/2008	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (Economic Development and Housing), Series 2008A and Series 2008B (Federally Taxable)
3 /20/2008	New York State Thruway Authority, Second General Highway and Bridge Trust Fund Bonds, Series 2008A
3 /27/2008	Office of the State Comptroller, New York State General Obligation Bonds, Series 2008A Tax-Exempt Bonds, 2008B Taxable Bonds, Dated March 27, 2008
3 /27/2008	Tobacco Settlement Financing Corporation (State of New York) Asset-Backed Revenue Bonds Series 2008A and Series 2008B (State Contingency Contract Secured)
3 /27/2008	New York State Environmental Facilities Corporation, State Personal Income Tax Revenue Bonds, Series 2008A
6 /12/2008	Dormitory Authority of the State of New York, Municipal Health Facilities Improvement Program Lease Revenue Bonds (New York City Issue), 2008 Series 1
6 /19/2008	New York State Housing Finance Agency State Personal Income Tax Revenue Bonds (Economic Development and Housing), Series 2008AB
6 /19/2008	New York State Housing Finance Agency State Personal Income Tax Revenue Variable Rate Refunding Bonds, Series 2008AB
6 /26/2008	Office of the State Comptroller, New York Local Government Assistance Corporation, Series 2008B Variable Rate Refunding Bonds, Dated June 26, 2008
7 /9 /2008	Dormitory Authority of the State of New York State Personal Income Tax Revenue Bonds (Education), Series 2008A
7 /17/2008	New York State Urban Development Corporation State Personal Income Tax Revenue Variable Rate Remarketing Bonds, 2004A-3

7 /24/2008	Dormitory Authority of the State of New York Mental Health Services Facilities Improvement Bonds, Series 2008A-E
8 /21/2008	Office of the State Comptroller, New York Local Government Assistance Corporation, Series 2008C Refunding Bonds, Dated August 21, 2008
9 /4 /2008	New York State Thruway Authority Second General Highway and Bridge Trust Fund Bonds, Series 2008B
9 /10/2008	New York State Thruway Authority State Personal Income Tax Revenue Refunding Bonds, Series 2008A
9 /11/2008	Dormitory Authority for the State of New York, Lease Revenue Bonds State University Dormitory Facilities Issue), Series 2008A
11/25/2008	Dormitory Authority of the State of New York State Personal Income Tax Revenue Fixed Rate Refunding Bonds, Series 2008C (Federally Taxable) (Economic Development and Housing), Series 2008C (Education)
11/25/2008	Dormitory Authority of the State of New York State Personal Income Tax Revenue Bonds (Education), Series 2008B
12/12/2008	Dormitory Authority of the State of New York Mental Health Services Facilities Improvement Revenue Fixed Rate Refunding Bonds, Series 2008F
1 /15/2009	New York State Urban Development Corporation State Personal Income Tax Revenue Bonds, Economic Development and Housing Series, 2009A-1, and 2009A-2 (Federally Taxable), State Facilities and Equipment Series, 2009B-1 and 2009B-2 (Federally Taxable)
2 /19/2009	Dormitory Authority of the State of New York State Personal Income Tax Revenue Bonds, Series 2009A (EC DEV & HOUSE), Series 2009A (HEALTH), Series 2009A (ED)
3 /4 /2009	New York State Thruway Authority Second General Highway and Bridge Trust Fund Bonds, Series 2009A-1 and Series 2009A-2
3 /19/2009	New York State Environmental Facilities Corporation State Personal Income Tax Revenue Bonds, Series 2009A (Environment)
3 /26/2009	Dormitory Authority of the State of New York, Mental Health Services Facilities Improvement Revenue Fixed Rate Refunding Bonds, Series 2009A
6 /10/2009	Office of the State Comptroller, New York Local Government Assistance Corporation, Series 2008B-C/D Tax-Exempt and 2003A-5/6 Tax-Exempt Refunding Bonds, dated June 10, 2009

6 /16/2009	New York State Thruway Authority Personal Income Tax Revenue Bonds, Series 2009A
6 /30/2009	New York State Thruway Authority 2nd General Highway and Bridge Trust Fund Bonds, Series 2009B
7 /1 /2009	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (General Purpose), Series 2009A, B
8 /3 /2009	Office of the State Comptroller, New York Local Government Assistance Corporation, Series 2003A-8V Refunding Bonds (Substitution of Liquidity Facility and Cancellation of Bond Insurance Policy), Dated August 3, 2009.
8 /27/2009	New York State Housing Finance Agency State Personal Income Tax Revenue Bonds (Education and Housing), Series 2009AB
8 /31/2009	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (General Purpose), Series 2009D, E, F
10/20/2009	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (Education), Qualified School Construction Bonds, Series 2009
10/20/2009	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (General Purpose), Series 2009G,H
11/19/2009	Dormitory Authority of the State of New York, Lease Revenue Bonds (State University Dormitory Facilities Issue), Series 2009A
12/1 /2009	New York State Urban Development Corporation State Personal Income Tax Revenue Bonds, General Purpose 2009C, 2009D (Federally Taxable), & 2009E (Federally Taxable Build America Bonds)
3 /10/2010	Dormitory Authority of the State of New York, Mental Health Services Facilities Improvement Revenue Bonds, Series 2010A
3 /11/2010	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (General Purpose), Series 2010A,C
3 /17/2010	New York State Thruway Authority 2nd General Highway and Bridge Trust Fund Bonds, Series 2010A,B
5 /27/2010	Office of the State Comptroller, New York Local Government Assistance Corporation Series 2010A Refunding Bonds, Dated May 27, 2010

6 /3 /2010	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (General Purpose), Series 2010D
6 /16/2010	Dormitory Authority of the State of New York, Municipal Health Facilites Improvement Program Lease Revenue Bonds (New York City Issue), 2010 Series 1
8 /26/2010	Dormitory Authority of the State of New York, Municipal Health Facilites Improvement Program Lease Revenue Bonds (The City of New York Issue), Series 2010A
9 /22/2010	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (Education), Qualified School Construction Bonds, Series 2010
9 /24/2010	New York State Thruway Authority Personal Income Tax Revenue Bonds, Series 2010A
9 /29/2010	Dormitory Authority of the State of New York, Lease Revenue Bonds (State University Dormitory Facilities Issue), Series 2010A
9 /30/2010	Dormitory Authority of the State of New York, City University System Consolidated Fifth General Resolution Revenue Bonds, Series 2010A
10/14/2010	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (General Purpose), Series 2010E,F,G,H
12/1 /2010	Office of the State Comptroller, New York Local Government Assistance Corporation, Series 2010B Refunding Bonds, Dated December 1, 2010
12/1 /2010	Office of the State Comptroller, New York Local Government Assistance Corporation, Series 2003A-4V Refunding Bonds (Substitution of Liquidity Facility and Cancellation of Bond Insurance Policy), Dated December 1, 2010.
12/16/2010	Dormitory Authority of the State of New York, State of New York Consolidated Service Contract Refunding Revenue Bonds, Series 2010
3 /30/2011	Dormitory Authority of the State of New York, Secured Hospital Revenue Refunding Bonds, Series 2011 (NY Downtown Hospital)
6 /9 /2011	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (General Purpose), Series 2011A&B
6 /23/2011	New York State Thruway Authority 2nd General Highway Bridge & Trust Fund Bonds, Series 2011A
6 /29/2011	New York State Housing Finance Agency Consolidated Service Contract Revenue Bonds, 2011 Series A Refunding

7 /6 /2011	Dormitory Authority of the State of New York, Lease Revenue bonds (State University Dormitory Facilities Issue), Series 2011A
7 /7 /2011	Tobacco Settlement Financing Corporation (State of New York) Asset-Backed Revenue Bonds Series 2011A and Series 2011B (State Contingency Contract Secured)
7 /13/2011	Dormitory Authority of the State of New York, Department of Health Veterans Homes Issue, Series 2011A
7 /13/2011	Dormitory Authority of the State of New York, Department of Health Revenue Refunding Bonds, Series 2011A
7 /21/2011	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (General Purpose), Series 2011C&D
9 /8 /2011	New York State Urban Development Corporation Service Contract Revenue Refunding Bonds, Series 2011A
9 /14/2011	New York State Thruway Authority Personal Income Tax Revenue Bonds, Series 2011A
9 /15/2011	Office of the State Comptroller, State of New York Local Government Assistance Corporation, Series 2011A Refunding Bonds, Dated September 15, 2011
10/13/2011	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (General Purpose), Series 2011E&F
12/8 /2011	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (General Purpose), Series 2011G
12/21/2011	New York State Urban Development Corporation State Personal Income Tax Revenue Bonds, General Purpose 2011A, 2011B (Federally Taxable)
2 /23/2012	Dormitory Authority of the State of New York, Third General Resolution Revenue Bonds (State University Educational Facilities Issue), Series 2012A
3 /15/2012	New York State Thruway Authority, Local Highway and Bridge Service Contract Bonds, Seriers 2012
3 /22/2012	New York State Thruway Authority 2nd General Highway Bridge and Trust Fund Bonds, Series 2012A
6 /1 /2012	Office of the State Comptroller, New York Local Government Assistance Corporation, Series 2012A Refunding Bonds, Dated June 1, 2012

6 /28/2012	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (General Purpose), Series 2012A
7 /26/2012	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (General Purpose), Series 2012B & 2012C
9 /6 /2012	New York State Thruway Authority Personal Income Tax Revenue Bonds, Series 2012A
9 /19/2012	Dormitory Authority of the State of New York, Lease Revenue Bonds (State University Dormitory Facilities Issue), Series 2012A
10/18/2012	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, (General Purpose), Series 2012D,E,F
3 /19/2013	New York State Urban Development Corporation State Personal Income Tax Revenue Bonds, General Purpose 2013A-1, 2013A-2,2013B (Federally Taxable)