

The Commonwealth of Massachusetts OFFICE OF THE STATE TREASURER

STATE HOUSE, ROOM 227 BOSTON, MASSACHUSETTS 02133

DEBORAH B. GOLDBERG TREASURER AND RECEIVER GENERAL TEL: (617) 367-6900 FAX: (617) 248-0372

October 28, 2020

The Honorable Michael J. Rodrigues, Chair Senate Ways and Means Committee State House, Room 212 Boston, MA 02133

The Honorable Aaron Michlewitz, Chair House Ways and Means Committee State House, Room 243 Boston, MA 02133

Dear Senator Rodrigues and Representative Michlewitz:

Pursuant to Massachusetts General Laws Chapter 10, Section 10B, the Office of the State Treasurer and Receiver General and the Executive Office for Administration and Finance hereby submit the August 2020 cash flow forecasts for fiscal year 2020 (FY20) and fiscal year 2021 (FY21).

Certain cash items, such as the balance of the Stabilization Fund as well as a number of other funds, are required to be categorized as segregated and do not contribute to the Commonwealth's "pool" of non-segregated cash balances. These segregated items are statutorily restricted for a specific purpose.

Please note that the FY20 and FY21 cash flow forecasts project monthly cash closing balances. Given the variable nature of state cash expenditures and revenues, the daily cash balances often differ greatly from the projected monthly closing balances.

Highlights of Fiscal Year 2020

On July 31, 2019, the Governor signed the FY20 budget into law, providing for \$43.3 billion in spending, excluding transfers to the Medical Assistance Trust Fund and other transfers. As signed, the budget projected a net deposit of \$475.9 million to the Stabilization Fund. Please note that the \$592.7 million transfer to the Stabilization Fund on January 6, 2020 represents the deposit of the

^{*}For cash purposes, the use of "fiscal year" includes "accounts payable" activity for fiscal year 2019 and excludes "accounts payable" activity for fiscal year 2020

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FY19 budget surplus. Including this transfer, in FY19 there was a total net deposit of \$1.507 billion to the Stabilization Fund. The Stabilization Fund balance as of October 14, 2020 is \$3.509 billion.

For cash flow needs for FY20, the State Treasurer issued \$1.4 billion of revenue anticipation notes (RANs) in October 2019 and fully repaid such RANs by June 2020.

In April 2020, the Commonwealth received \$2.461 billion in federal funding from the Coronavirus Relief Fund, included in the Coronavirus Aid, Relief and Economic Security Act (CARES Act). The Commonwealth expects to utilize the Coronavirus Relief Fund and other available federal funds to pay for the state's emergency expenditures relating to COVID-19.

The attached FY20 and forecasted FY21 cash flows reflect the impact of the extension of the 2019 state income tax filing and payment deadline from April 15, 2020 to July 15, 2020. The extended income tax filing deadline deferred budgeted FY20 tax revenues to FY21. Special legislation approved May 15, 2020, requiring payments and refunds originally due in FY20 but received through August 31, 2020 be recorded as FY20 revenue. Income tax payments originally due in FY20, but received in FY21, are estimated to be \$2.321 billion. After adding back income tax deferrals, FY20 tax revenues totaled \$29.596 billion, 0.3% less than FY19, and \$693.0 million less than the benchmark of \$30.289 billion.

Highlights of Fiscal Year 2021

On January 22, 2020, the Governor filed his fiscal 2021 budget recommendation, providing for a total of \$44.6 billion in state spending, excluding \$430.7 million in projected transfers to the Medical Assistance Trust Fund. The budget as filed represented an increase of 2.3% over projected FY20 spending and anticipated a net deposit of \$310.0 million to the Stabilization Fund.

On June 17, 2020, the Governor announced the five-year capital investment plan for fiscal year 2021 through fiscal year 2025. The plan projects \$4.798 billion in FY21 spending on capital projects, including \$2.458 billion of bond cap spending, \$1.070 billion of spending from other sources including special obligation bonds, anticipated savings or revenues generated by the projects, and other non-commonwealth sources such as contributions from municipalities, and \$1.270 billion of spending supported by federal reimbursements and grants.

On October 14, 2020, the Governor filed a revised proposed budget for FY21. The attached cash flow forecast for FY21 reflects the spending and revenue assumptions on which the Governor's revised proposed budget was based, including tax revenues of \$27.592 billion, 11.4% less than the consensus tax revenue estimate agreed upon in January 2020 of \$31.151 billion.

The Governor's revised proposed budget for FY21 includes a withdrawal of up to \$1.35 billion of the approximately \$3.5 billion Stabilization Fund balance, which could be reduced if tax collections or new federal revenue exceed the revised assumptions included in the revised proposed budget. Any amount withdrawn from the Stabilization Fund is not projected to be needed for cash flow purposes and is expected to occur after June 30, 2021, for statutory balance purposes.

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The cash flow forecast for FY21 reflects the State Treasurer's routine issuance of notes in anticipation of revenue in the amount of \$1.2 billion in December 2020.

The impacts of COVID-19 are likely to adversely affect the Commonwealth's economy. Ending non-segregated cash balances may change materially for the projected periods.

Ongoing Cash Management Practices

Treasury, Administration and Finance and Comptroller staffs continue to meet regularly to monitor the status of the Commonwealth's cash position. In addition, this group actively seeks to improve the reader's experience by enhancing the Commonwealth's cash flow forecast with additional features.

Please feel free to contact our respective staff members if you have any questions or require additional information.

Sincerely,

Deborah B. Goldberg

Treasurer and Receiver General

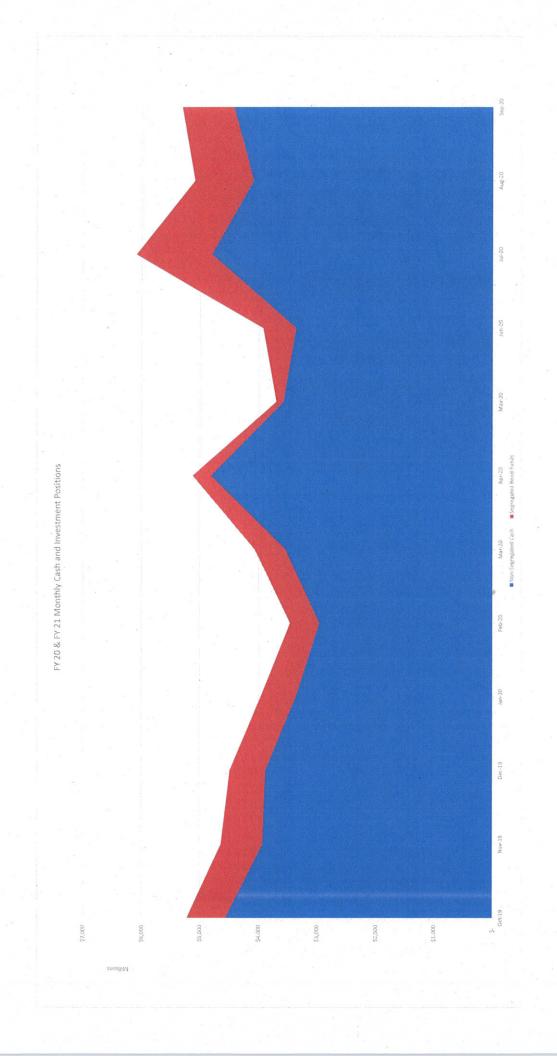
Michael J. Heffernan

Secretary of Administration and Finance

Enclosures

Note		Jul-20	Aug-20	Sep-20			Dec-20	Jan-21	Feb. 21	Mar.21	Anr.21	Mav.24		Total EV 2024	
Section Sect	(presented in millions)	٠.	ACTUAL	ACTUAL		-	Est	Est	Est	Est	Est	Est		1707	
1,000,000 1,00	ING NON-SEGREGATED OPERATING CASH BALANCE:	10	\$4,797.0	\$4,088.8	4		\$2,092.6	\$2,687.5	\$2,458.6	\$1,554.7	\$1,163.6	\$2,406.7	\$1,654.7	\$3,358.5	
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	ATING ACTIVITIES:														
Page 18 Page	getary Funds:	_													
Standard	Tax Revenue	_	\$2,081.4	\$3,235.7			\$2,522.4	\$2,581.1	\$2,055.2	\$2,777.1	\$4,105.7	\$2,160.3	\$3,183.3	\$33,310.5	
Section Sect	Other Budgetter Bereins		51,/17,18	\$1,040.6		486	\$1,215.8	51,169.8	\$1,200.1	\$1,155.8	\$1,220.7	\$1,439.3	\$1,320.2	\$14,294.2	
Strong S	Transfer from (/to) Stabilization Fund	\$350.0	4140.7	4.700	\$420.0	9302.1	60.0	9454.7	9325.0	8322.9	2020.8	\$303.6	\$632.1	54,345.2	
1,000, 1	otal Budgetary Revenue/Inflows	\$5.707.1	\$3 947.4	\$4 343 7			\$4 168 8	54 185 7	83 580 3	\$4.25.9	\$5 Q63 3	\$3 903 2	85 135 G	\$51 950 0	
STATE STAT	Local Aid	\$511.1	\$502.8	\$468 7		_	\$520.6	\$528 B	\$5133	\$520.5	\$519.0	\$5199	6.000 C	SE 147.3	
The control of the	Tax Refunds	\$163.3	\$126.3	\$603			8028	549.6	8622.0	\$420.3	6.000	8000	9400.0	60,142.0	
Franchist State	Debt Service for General Obligation (including CA/T)	\$227.4	\$461.4	\$163.0	82208	\$190.2	6230 F	243.0	\$022.0 \$64.6	6144.3	2402.2	64270	0.000	92,430.0	
Fig. 10 Fig.	Debt Service for Special Obligations	8138	80.0	80.0	0.0225	800.5	SEE 1	638.4	0.00	0.10	0.04	0.721.9	\$00.2	6769.9	
Funday F	Debt Service for GANS	0.00	0.00	0.00	0.00	0.00	6140	4.000	0.00	0.00	20.08	0.00	6.49.9	\$208.3	
Fundamentary State Control State Sta		0.000		30.00	90.0		0.4-0	90.0	0.00	90.0	20.0	0.0	\$14.7	97876	
Fig. 1989 Fig.	Ottler budgetally Experiments	93,512.0		\$2,003.9			\$2,899.9	\$2,999.7	\$2,904.5	\$3,068.7	\$3,166.5	\$3,036.1	\$2,839.3	\$35,647.5	
Figure F	Didoctor Finds	04,220.0	2000,39	90,000.9			45,055.9	95,871.0	\$4,101.3	34,133.6	\$4,188.4	93,782.9	\$3,656.4	\$46,724.4	
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	Duugetary runus	\$1,478.0	\$200.0	\$387.8			\$334.9	\$314.2	(\$521.0)	\$102.3	\$1,774.9	\$120.2	\$1,479.2	\$5,225.6	
1,000 1,00	Budgetary Funds (Non Budgetary, Higner Ed and Trust Funds):														
17.00 17.0	Lottery Revenue	\$126.7	\$189.1	\$130.5	\$178.0	\$142.4	\$142.4	\$178.0	\$142.4	\$142.4	\$178.0	\$142.4	\$142.4	\$1,834.5	
STATE STAT	Pension Receipts (PRIM and Annuity Receipts)	\$253.1	\$251.9	\$237.6	\$240.5	\$240.5	\$240.5	\$240.5	\$240.5	\$240.5	\$240.5	\$240.5	\$242.1	\$2,908.7	
September Sept	Transfers in & out for Non Pooled / Trust / Fiduciary Fund Investments	\$121.5	\$2.4	(\$371.6)	\$491.7	\$632.4	\$495.0	\$484.4	\$421.4	\$431.9	\$453.2	\$468.0	\$539.1	\$4,169.4	
Signature Sign	Non Budgetary Tax Receipts	\$35.7	\$34.8	\$52.6	\$51.3	\$49.6	\$37.9	\$35.0	\$36.2	\$50.8	\$30.4	5386	\$46.1	5499 1	
STATE STAT	Other Non Budgetary Revenue	\$854.1	\$438 7	\$4317	\$175.8	586.2	2562	\$58.4	854 9	8233	840.4	6358	587.1	CO 242 E	
STATE STAT	otal Non Budgetary Revenue/Inflows	\$1 301 1	\$016.0	8.180 B	61 127 2	61 151 1	2000	0000	0.400	00000	4.040	0.000	2000	\$2,342.0	
Section Sect	Lotton Dampeter y Inchesting and American		6910.9	9400.0	0.701.0	1.101.16	23/20	9330.0	9030.0	9000.9	3942.0	\$925.3	8.9c0,1\$	\$11,754.3	
Section	META Solos Tox	977.0	911.3	9,000	9000	973.0	900.0	608.9	808.8	9/3.0	828.9	858.9	\$73.6	\$807.8	
STATE STAT	Width Sales lax	987.0	\$101.4	288.0	\$30.6	\$90.6	\$90.6	\$90.6	\$90.6	\$90.6	9.06\$	9.068	9.06\$	\$1,101.6	
\$15.00 \$15.00<	MBLA Assessments	\$14.5	\$14.5	\$14.9	\$15.0	\$15.0	\$15.0	\$15.0	\$15.0	\$15.0	\$15.0	\$15.0	\$15.0	\$178.9	
STATES SABER SAB	MSBA Payments	\$83.3	588.1	\$84.7	\$76.2	\$76.2	\$76.2	\$76.2	\$76.2	\$76.2	\$76.2	\$76.2	\$76.2	\$941.6	
String String State St	Pension Payments	\$478.5	\$488.7	\$487.2	\$488.5	\$488.5	\$661.5	\$488.5	\$488.5	\$488.5	\$488.5	\$488.5	\$488.5	\$6,023.9	
State Stat	Non Pooled / Trust / Fiduciary Fund Expenditures	\$511.8	\$426.8	\$365.9	\$491.7	\$632.4	\$495.0	\$484.4	\$421.4	\$431.9	\$453.2	\$468.0	\$539.1	\$5,721.5	
## 1547.3 51.262 51.064 51.301 51.502 51.502 51.502 51.267 51.327 51.326	Other Non Budgetary Expenditures	\$169.7	\$149.4	(\$67.9)		\$143.5	\$228.3	\$145.1	\$85.2	\$181.2	(\$19.5)	\$109.5	\$308.6	\$1.529.6	
1982 1982	otal Non Budgetary Expenditures/Outflows	1,422.		\$1,061.4		\$1,519.8	\$1,625.4	\$1,358.6	\$1235.7	\$1357.0	\$1 162 8	\$13066	\$1 591 6	\$16.305.0	
Market September Septemb	Von Budgetary Funds	(\$31.3)	(\$429.4)	(\$580.6)		(\$368.6)	(\$653.5)	(\$362.3)	(\$340.4)	(\$468.1)	(\$220.4)	(\$381.3)	(\$534.7)	(\$4 550 7)	
State Stat	signated Revenue/Inflows and Expenditures/Outflows:											(0.100)	(1.1000)	(1:000)	
Charles State St	General Fund Investment Earnings	\$2.5	\$3.4	83.0	0 00	000	000	62.0	63.0	62.0	62.0	62.0	000	0.203	
S2406 S1803 S1901 S1472 S1531 S1727 S1981 S2065 S2208 S1870 S2084 S2208 S2317 S2082 S2082 S1831 S1903 S190	Indesignated Revenue/Inflows and Expenditures/Outflows	\$2.5 \$2.5	63.4	63.0	0.20	62.0	62.0	0.70	62.0	92.0	92.0	92.0	92.0	927.0	
\$22406 \$1802 \$1902 \$1902 \$1902 \$1902 \$1902 \$1902 \$2000 \$2280 \$2000	ERATING ACTIVITIES	27 449 7	(\$159.4)	\$410.2	(8757 E)	(CROQ 1)	(6216.0)	(CAR 2)	92.0)(#363 p)	92.0 81 55 5	32.0	\$2.0 \$046.5	67010	
\$22406 \$1803 \$1901 \$1427 \$1531 \$1727 \$1981 \$2208 \$2208 \$1870 \$2168 \$2688 \$2411 \$2085 \$2208 \$1832 \$2688 \$2411 \$2089 \$2789 \$2908 \$217 \$2268 \$217 \$2268 \$2344 \$2624 \$1832 \$534 \$619 \$668 \$688 \$624 \$1177 \$1177 \$1177 \$1177 \$1177 \$1177 \$1177 \$1177 \$1177 \$1177 \$1179 <th>N CBANTS.</th> <th></th> <th>(1.00.0)</th> <th>20.7</th> <th>(0.10.10)</th> <th>(4033.1)</th> <th>(90.00)</th> <th>(340.Z)</th> <th>(9003.4)</th> <th>(\$303.0)</th> <th>6.000.1</th> <th>(9209.1)</th> <th>\$340.0</th> <th>8.1074</th> <th></th>	N CBANTS.		(1.00.0)	20.7	(0.10.10)	(4033.1)	(90.00)	(340.Z)	(9003.4)	(\$303.0)	6.000.1	(9209.1)	\$340.0	8.1074	
\$240.6 \$180.7 \$180.7 \$180.7 \$200.6 \$200.8<	AL GRANIO:														
S294 S229 S692 S693 S694 S619 S610	otal Federal Grants Revenue/Inflows	\$240.6	\$180.3	\$190.1	\$142.7	\$153.1	\$172.7	\$198.1	\$205.5	\$220.8	\$187.0	\$216.3	\$268.4	\$2,375.6	
State Stat	otal Federal Grants Expenditures/Outflows	\$211.2		\$183.2	\$309.2	\$563.8	\$341.1	\$290.9	\$278.9	\$291.8	\$208.6	\$211.7	\$225.8	\$3,319.6	
Funds S298	DERAL GRANTS	\$29.4	(\$22.9)	86.9	(\$166.5)	(\$410.7)	(\$168.4)	(\$92.8)	(\$73.4)	(\$71.0)	(\$21.6)	\$4.6	\$42.6	(\$944.0)	
Supplementary Supplementar	FUNDS:														
5494 \$456 \$819 \$534 \$619 \$888 \$698 \$527 \$1274 \$1392 \$1392 nd Funds \$22466 \$2094 \$1137 \$1421 \$1474 \$1700 \$1401 \$2047 \$4568 \$3071 \$1974 \$2179 \$2280 \$23452 \$1956 \$1954 \$2069 \$2087 \$2087 \$2067 \$2077	al Revenue/Inflows:		,												
Secondary Seco	Capital Inflow from Federal Reimbursements	849.4	\$45.8	\$81.0	853.4	6610	0 00	0 000	CE2 7	6427.4	660 4	1000	61200	0070	
S296 S2984 S1137 S147.1 S147.4 S1700 S140.1 S204.7 S455.8 S307.1 S197.4 S277.9 S298	Copital Inflow from Financia Activities	1	2	0	t	0	0.000	903.0	402.1	4.721.6	9000	900.7	\$139.2	2818.U	
S2286 S2294 S1137 S1474 S170 S1401 S2047 S458 S3071 S1974 S1719 S1974 S1719 S1974 S1719 S1974 S1719 S1974 S1719 S2286 S2284 S2294 S2286 S2287 S2286 S2287 S2288	Capital Illiow from Financing Activities.	0													
\$2980 \$3246 \$1956 \$1954 \$2083 \$2589 \$2574 \$5832 \$386.5 \$287.1 \$387.0 \$3387 \$334.1 \$277.2 \$2295.7 \$268.9 \$278.9 \$287.4 \$586.5 \$580.5	Capital Innow to General Fund from Segregated Bond Funds	\$248.6	\$299.4	\$113./	\$142.1	\$147.4	\$170.0	\$140.1	\$204.7	\$455.8	\$307.1	\$197.4	\$217.9	\$2,644.1	
\$3387 \$3710 \$2772 \$2869 \$3789 \$2997 \$2286 \$5594 \$2555 \$3826 \$5885 \$5885 \$00 <th>ital Capital Revenue/Inflows</th> <td>\$298.0</td> <td>\$345.2</td> <td>\$195.6</td> <td>\$195.4</td> <td>\$209.3</td> <td>\$258.8</td> <td>\$209.9</td> <td>\$257.4</td> <td>\$583.2</td> <td>\$365.2</td> <td>\$287.1</td> <td>\$357.0</td> <td>\$3,562.1</td> <td></td>	ital Capital Revenue/Inflows	\$298.0	\$345.2	\$195.6	\$195.4	\$209.3	\$258.8	\$209.9	\$257.4	\$583.2	\$365.2	\$287.1	\$357.0	\$3,562.1	
\$0.000 \$0.000<	otal Capital Expenditures/Outflows	\$338.7	\$371.0	\$277.2	\$235.7	\$266.9	\$378.9	\$299.7	\$228.5	\$539.4	\$255.5	\$382.6	\$588.5	\$4,162.7	
\$10.0 \$20.0 <th< td=""><th>PITAL FUNDS</th><td>(\$40.7)</td><td>(\$25.8)</td><td>(\$81.6)</td><td>(\$40.3)</td><td>(\$57.6)</td><td>(\$120.1)</td><td>(\$89.8)</td><td>\$28.9</td><td>\$43.7</td><td>\$109.7</td><td>(\$35.5)</td><td>(\$231.5)</td><td>(\$600.6)</td><td></td></th<>	PITAL FUNDS	(\$40.7)	(\$25.8)	(\$81.6)	(\$40.3)	(\$57.6)	(\$120.1)	(\$89.8)	\$28.9	\$43.7	\$109.7	(\$35.5)	(\$231.5)	(\$600.6)	
\$50.0 \$60.0 <th< td=""><th>ING ACTIVITIES:</th><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	ING ACTIVITIES:														
\$00 \$00 <th>Flow Financing Activities Inflows:</th> <td></td>	Flow Financing Activities Inflows:														
\$10 \$20 <th>Commercial Paper / Line of Credit</th> <td>0.08</td> <td>008</td> <td>008</td> <td>00\$</td> <td>000</td> <td>000</td> <td>000</td> <td>000</td> <td>000</td> <td>000</td> <td>000</td> <td>000</td> <td>6</td> <td></td>	Commercial Paper / Line of Credit	0.08	008	008	00\$	000	000	000	000	000	000	000	000	6	
style School School </td <th>Povenie Anticipation Motos (DAMS)</th> <td>0.00</td> <td>000</td> <td>0.00</td> <td>0 0</td> <td></td> <td>0.00</td> <td>0 0</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> <td>90.0</td> <td>90.0</td> <td></td>	Povenie Anticipation Motos (DAMS)	0.00	000	0.00	0 0		0.00	0 0	0.00	0.00	0.00	0.00	90.0	90.0	
sty sty <th>Covering Parior Process (19049)</th> <td>90.0</td> <td>90.0</td> <td>30.0</td> <td>90.0</td> <td>4</td> <td>\$1,200.0</td> <td>0.04</td> <td>\$0.0</td> <td>0.04</td> <td>\$0.0</td> <td>20.0</td> <td>20.0</td> <td>\$1,200.0</td> <td></td>	Covering Parior Process (19049)	90.0	90.0	30.0	90.0	4	\$1,200.0	0.04	\$0.0	0.04	\$0.0	20.0	20.0	\$1,200.0	
\$50.0 \$50.0 \$0.0 <	otal Cash Flow Financing Activities Inflows	\$0.0	\$0.0	\$0.0	\$0.0		\$1,200.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$1,200.0	
\$1 \$20 \$200 \$20 <th>Flow Financing Activities Outflows:</th> <td></td>	Flow Financing Activities Outflows:														
\$00 \$00 <th>Commercial Paper / Line of Credit – (Principal + Interest)</th> <td>\$0.0</td> <td>\$500.0</td> <td>\$0.0</td> <td>80.0</td> <td>80.0</td> <td>80.0</td> <td>\$0.0</td> <td>\$0.0</td> <td>\$0.0</td> <td>80.0</td> <td>\$0.0</td> <td>80.0</td> <td>\$500.0</td> <td></td>	Commercial Paper / Line of Credit – (Principal + Interest)	\$0.0	\$500.0	\$0.0	80.0	80.0	80.0	\$0.0	\$0.0	\$0.0	80.0	\$0.0	80.0	\$500.0	
\$0.0 \$0.0 <th< td=""><th>RANS – (Principal + Interest)</th><td>\$0.0</td><td>\$0.0</td><td>80.0</td><td>\$0.0</td><td>\$0.0</td><td>\$0.0</td><td>\$0.0</td><td>\$0.0</td><td>\$0.0</td><td>\$401.5</td><td>\$402.0</td><td>\$402.5</td><td>\$1,206.0</td><td></td></th<>	RANS – (Principal + Interest)	\$0.0	\$0.0	80.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$401.5	\$402.0	\$402.5	\$1,206.0	
\$0.0 \$0.0 <th< td=""><th>otal Cash Flow Financing Activities Outflows</th><td></td><td>\$500.0</td><td>\$0.0</td><td>\$0.0</td><td>\$0.0</td><td>\$0.0</td><td>\$0.0</td><td>\$0.0</td><td>\$0.0</td><td>\$401.5</td><td>\$402.0</td><td>\$402.5</td><td>\$1,706.0</td><td></td></th<>	otal Cash Flow Financing Activities Outflows		\$500.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$401.5	\$402.0	\$402.5	\$1,706.0	
\$4,797.0 \$4,424.4 \$3,460.1 \$2,092.6 \$2,458.6 \$1,554.7 \$1,163.6 \$2,406.7 \$1,654.7 \$2,009.8 \$566.7 \$1,294.5 \$995.1 \$881.4 \$739.4 \$1,172.0 \$1,002.0 \$862.0 \$1,207.3 \$1,151.5 \$844.4 \$647.0 \$976.4 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$50.0<	IANCING ACTIVITIES		(\$500.0)	\$0.0	\$0.0	-	\$1,200.0	80.0	\$0.0	80.0	(\$401.5)	(\$402.0)	(\$402.5)	(\$506.0)	
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S9/764 S00 S00<	mily Dalaire Seyleyared Bolld Fullds	_	51,294.0	9880.1	\$2001.4		0.271,14	0.200,14	2862.0	\$1,207.3	\$1,151.5	\$844.4	\$647.0		
S00 \$00 <th>2</th> <td>_</td> <td>\$0.0</td> <td>\$0.0</td> <td>\$0.0</td> <td>\$580.0</td> <td>80.0</td> <td>80.0</td> <td>\$550.0</td> <td>\$400.0</td> <td>80.0</td> <td>\$0.0</td> <td>\$550.0</td> <td>\$3,056.4</td> <td></td>	2	_	\$0.0	\$0.0	\$0.0	\$580.0	80.0	80.0	\$550.0	\$400.0	80.0	\$0.0	\$550.0	\$3,056.4	
8 1,543.1 81,294.5 8995.1 8881.4 81,319.4 81,172.0 81,002.0 81,412.0 \$1,607.3 \$1,161.5 \$844.4 \$1,197.0 \$1,007.3 \$1,161.5 \$1,607.3 \$1,161.5		-	\$0.0	\$0.0	\$0.0		80.0	\$0.0	80.0	80.0	\$0.0	\$0.0	\$0.0		
nd Funds 5248.6 \$299.4 \$113.7 \$142.1 \$177.0 \$1,002.0 \$862.0 \$1,207.3 \$1,161.5 \$844.4 \$647.0 \$979.1	egated Bond Funds Available	_	\$1,294.5	\$995.1			\$1,172.0	\$1,002.0	\$1,412.0	\$1,607.3	\$1,151.5	\$844.4	\$1,197.0		
nd Funds see2.0 51,207.3 51,161.5 5844, 5647.0 5999.1	/ BANs Proceeds Allocated	_	\$299.4	\$113.7			\$1700	\$140.1	52047	\$455 B	\$307.1	2107.4	\$217.0	C) 644.1	
37.53.4 3 31,102.0 3602.0 31,207.3 31,101.5 3844.4 3647.0	ng Balance Segregated Bond Frinds	_	\$00E 4	2004		333	0.000	00000	9204.7	0 10 10 10 10 10 10 10 10 10 10 10 10 10	- 2000	4. 10.00	97176	92,044.1	
	IIIy Dalaille ceyieyareu Doilu Fuilus	0.462,14	4880.1	4000			\$1,002.0 J	\$86Z.U	\$1,207.5	51,151.5	\$844.4	\$647.0	\$979.1		

presented in millions)			Act										
TOTAL CONTRACTOR OF THE PROPERTY OF THE PROPER	Act	Act	ACL										
OPENING NON-SEGREGATED OPERATING CASH BALANCE:	\$4,497.4	\$3,613.7	\$2,794.4	\$3,706.0	\$4,558.2	\$3,929.0	\$3,884.1	\$3,360.8	\$2,958.0	\$3,537.9	\$4,809.9	\$3,573.5	\$4,497.4
OPERATING ACTIVITIES:													
Budgetary Funds:	. 000	0	0										
lax Revenue	\$2,063.4	\$2,031.3	\$3,267.6	\$2,208.9	52,177.5	\$2,703.6	\$2,993.2	\$2,108.3	\$3,067.0	\$2,201.2	\$1,850.0	\$2,669.0	\$29,341.0
	0.7876	87/80	\$1,079.5	\$822.4	\$780.8	1,000,14	\$906.5	\$1,061.8	\$1,138.4	\$1,079.1	\$1,273.3	\$1,084.2	\$12,055.9
Toncolor (com//c) Stabilization Eural	9368.9	\$347.0	\$253.3	2458.2	\$367.7	5452.2	\$527.9	\$350.5	\$389.8	\$374.8	\$325.2	\$604.4	\$4,820.5
Total Budgatary RevenuelInflows	\$3.210.0	62 444 0	30.0	90.0	0.00	90.00	(1.2800)	90.0	90.0	20.0	440.0	54.057.0	(\$804.7
Did lead	\$503.5 \$503.8	\$404 B	8557 5	6512	0.020.0	66130	00,000	6,000,0	0.000.0	45,033.Z	90,440.4	94,337.0	\$45,412.0
D. Don John John John John John John John Jo	0.000	0.00	0.100	4.000	\$302.0	0.000	4.1.00	9400.3	9340.4	\$510.7	2010.2	\$200.0	30,208.3
Tax retuiles	0.400	0.040.0	\$44.0	9193.0	2.064	898.9	\$23.6	\$531.2	\$434.2	\$252.0	\$143.1	\$143.3	\$2,044.3
Debt Service for General Obligation (including CA/1)	\$227.5	\$3/3.6	\$107.1	\$221.7	\$300.0	\$154.8	\$257.4	\$80.9	\$145.7	\$132.7	\$137.7	\$75.4	\$2,208.6
Debt Service for Special Obligations	\$14.4	\$0.0	80.0	\$0.0	\$0.0	\$62.9	\$37.8	\$0.0	\$0.0	80.0	\$0.0	\$139.7	\$254.8
Debt Service for GANS	80.0	\$0.0	\$0.0	80.0	\$0.0	\$15.0	80.0	\$0.0	\$0.0	80.0	\$0.0	\$14.8	\$29.7
Other Budgetary Expenditures	\$2,999.1	\$2,929.3	\$2,478.0	\$2,764.3	\$2,856.3	\$2,482.1	\$2,832.2	\$2,623.9	\$3,156.4	\$2,887.7	\$3,162.7	\$3,031.9	\$34,203.9
Total Budgetary Expenditures/Outflows	\$3,772.9	\$3,847.3	\$3,187.2	\$3,692.4	\$3,755.4	\$3,427.5	\$3,662.5	\$3,724.3	\$4.284.8	\$3,783.1	\$3,958.7	\$3,913.5	\$45 009 6
Net Budgetary Funds	(\$553.7)	(\$702.5)	\$1 4132	(\$202.9)	(\$429.4)	\$793.3	\$1723	(\$203.7)	\$310.5	(\$128 O)	(\$510.3)	\$444.1	5403 1
Non Budgetary Funds (Non Budgetary Higher Ed and Trust Funds):		(1)		(2000)	()	1		(1)		(0:0-1:0)	(0.00)		
ייסיים בממשכימון במוחס (ייסיו בממשכימון). יישוים במיחס ייסיים (ייסיו במיחס ייסיים).	0 000	0 0770	4 000	0 1010	0000	0 0070	0 11	0 1170	0.000	0000			
	9120.0	0.07.00	1.621.0	5127.0	\$130.0	0.8016	5.0716	61/0.5	\$125.0	\$103.0	\$184.4	\$129.4	41,197.5
Pension Receipts (PRIM and Annuity Receipts)	\$255.2	\$258.7	\$257.9	\$255.9	\$253.0	\$260.9	\$251.1	\$272.8	\$256.0	\$255.1	\$252.9	\$253.0	\$3,082.5
Transfers in & out for Non Pooled / Trust / Fiduciary Fund Investments	\$255.0	\$16.7	\$63.3	(\$278.6)	\$59.6	(\$247.3)	(\$352.6)	\$101.5	(\$109.7)	(\$580.2)	\$36.5	(\$141.4)	(\$1,177.2)
Non Budgetary Tax Receipts	\$44.5	\$53.2	\$60.2	\$49.8	\$48.2	\$36.8	\$34.0	\$35.1	\$49.3	\$29.5	\$29.7	\$34.7	\$5048
Other Non Budgetary Revenue	\$328.5	\$830.0	\$506.7	\$747.4	\$5766	\$620.2	\$7314	\$512.2	87119	\$3 054 6	\$6119	\$548 S	\$9 780 O
Total Non Budgetary Revenue/Inflows	\$1009	\$13383	\$1.013.2	\$902.1	£1 133 B	88098	6830 1	\$1.007.0	61 033 1	¢2,861.0	C1 105 A	C A C G G	512 007.7
Lottery Dayments	0 023	0 0 0 0	COC 5	0.703	0.000	0.000	6700	0 000	4 1000	0.00	4076	9024.6	6.000
MDTA Solos Tax	0000	0.00	60000	0.746	2000	940.0	970.0	00000	1.756	949.0	342.1	949.0	30/4.5
WD Calca ax	4.000	0.1.00	0.1016	900.1	992.0	0.1.6	0.166	4104.7	980.0	\$80.0	\$80.8	8/0/8	\$1,075.5
WILL A ASSOCIATION	6.4.0	614.0	\$14.0	\$14.5	\$14.5	\$14.5	\$14.5	\$14.5	\$14.5	\$14.5	\$14.5	\$14.7	\$174.4
MSBA Fayments	\$81.5	877.9	\$78.8	\$74.8	\$78.7	\$78.2	\$78.3	\$91.3	\$72.3	\$72.7	\$67.4	\$63.6	\$915.5
Pension Payments	\$470.4	\$477.7	\$475.0	\$478.3	\$478.0	\$634.7	\$474.3	\$476.6	\$477.9	\$490.2	\$472.5	\$475.3	\$5,880.9
Non Pooled / Trust / Fiduciary Fund Expenditures	\$368.6	\$585.2	\$542.0	\$377.5	\$444.1	\$475.8	\$379.4	\$330.9	\$415.2	\$370.3	\$473.0	\$570.3	\$5,332.3
Other Non Budgetary Expenditures	\$194.3	\$173.8	\$293.8	\$93.5	\$188.8	\$250.7	\$167.5	\$150.7	\$202.4	\$3.3	\$173.8	\$203.7	\$2,096.2
Total Non Budgetary Expenditures/Outflows	\$1,265.6	\$1,469.3	\$1,592.2	\$1,173.6	\$1,357.3	\$1,592.3	\$1,276.4	\$1,252.6	\$1,305.0	\$1,086.8	\$1,324.1	\$1,454.0	\$16,149.3
Net Non Budgetary Funds	(\$255.7)	(\$131.0)	(\$579.0)	(\$271.5)	(\$223.5)	(\$782.8)	(\$437.2)	(\$155.6)	(\$271.9)	\$1,775.1	(\$198.8)	(\$629.8)	(\$2,161.7)
Undesignated Revenue/Inflows and Expenditures/Outflows:													
General Fund Investment Earnings	\$8.2	\$131.1	\$14.9	\$37.9	\$14.7	\$14.5	(\$97.4)	\$22.4	\$11.5	\$10.0	\$14.5	\$7.4	\$189.9
Net Undesignated Revenue/Inflows and Expenditures/Outflows	\$8.2	\$131.1	\$14.9	\$37.9	\$14.7	\$14.5	(\$97.4)	\$22.4	\$11.5	\$10.0	\$14.5	\$7.4	\$189.9
NET OPERATING ACTIVITIES	(\$801.1)	(\$702.4)	\$849.2	(\$436.4)	(\$638.1)	\$25.0	(\$362.3)	(\$336.9)	\$50.1	\$1,657.2	(\$694.5)	(\$178.3)	(\$1,568.7
FEDERAL GRANTS:													
Total Federal Grants Revenue/Inflows	\$177.4	\$159.0	\$171.0	\$222.4	\$186.4	\$163.6	\$264.7	\$179.8	\$181.9	\$307.4	\$178.0	\$221.2	\$2,412.8
Total Federal Grants Expenditures/Outflows	\$215.2	\$195.3	\$153.3	\$225.1	\$210.1	\$180.3	\$246.9	\$195.2	\$210.3	\$194.3	\$198.8	\$231.2	\$2,456.1
NET FEDERAL GRANTS	(\$37.8)	(\$36.3)	\$17.7	(\$2.6)	(\$23.7)	(\$16.7)	\$17.8	(\$15.4)	(\$28.4)	\$113.0	(\$20.8)	(\$10.0)	(\$43.3
CAPITAL FUNDS:													
Capital Revenue/Inflows:													
Capital Inflow from Federal Reimbursements	\$46.4	\$63.9	\$60.6	\$56.6	\$68.5	\$69.5	\$41.9	\$50.3	\$35.6	\$31.4	\$38.8	\$152.3	\$715.7
Capital Inflow from Financing Activities:													
Capital Inflow to General Fund from Segregated Bond Funds	\$258.4	\$230.8	\$227.0	\$134.6	\$259.4	\$104.4	\$0.0	\$104.2	\$709.2	\$213.5	\$189.2	\$59.0	\$2 489.8
Total Capital Revenue/Inflows	\$304.8	\$294.7	\$287.6	\$191.1	\$328.0	\$173.8	\$41.9	\$154.5	\$744.8	\$244.9	\$228.1	\$211.2	\$3,205.5
Total Capital Expenditures/Outflows	\$349.6	\$375.2	\$242.8	\$299.9	\$295.3	.\$227.1	\$220.7	\$205.0	\$186.6	\$233.4	\$238.0	\$327.7	\$3,201.3
NET CAPITAL FUNDS	(\$44.8)	(\$80.5)	\$44.8	(\$108.8)	\$32.6	(\$53.3)	(\$178.7)	(\$50.5)	\$558.2	\$11.5	(\$8.9)	(\$116.4)	\$4.3
FINANCING ACTIVITIES:													
Cash Flow Financing Activities Inflows:													
Commercial Paper / Line of Credit	80.0		80.0	80.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	80.0	\$0.0	\$500.0	\$500.0
Revenue Anticipation Notes (RANS)	80.0	\$0.0	80.0	\$1,400.0	\$0.0	\$0.0	\$0.0	80.0	80.0	80.0	\$0.0	80.0	\$1,400.0
Total Cash Flow Financing Activities Inflows	\$0.0	\$0.0	80.0	\$1,400.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$500.0	\$1,900.0
Cash Flow Financing Activities Outflows:													
Commercial Paper / Line of Credit – (Principal + Interest)	80.0	\$0.0	80.0	\$0.0	\$0.0	80.0	80.0	80.0	80.0	80.0	\$0.0	80.0	0.08
RANS - (Principal + Interest)	\$0.0	\$0.0	80.0	80.0	\$0.0	80.0	80.0	80.0	80.0	\$509.7	\$511.2	\$410.2	\$1 431 1
Total Cash Flow Financing Activities Outflows	80.0	\$0.0	\$0.0	\$0.0	\$0.0	80.0	\$0.0	\$0.0	\$0.0	\$509.7	\$511.2	\$410.2	\$1,431.1
NET FINANCING ACTIVITIES	\$0.0	\$0.0	\$0.0	\$1,400.0	\$0.0	\$0.0	\$0.0	\$0.0	80.0	(\$509.7)	(\$511.2)	\$89.8	\$468.9
ENDING NON-SEGREGATED OPERATING CASH BALANCE:	\$3,613.7	\$2,794.4	\$3,706.0	\$4,558.2	\$3,929.0	\$3,884.1	\$3,360.8	\$2,958.0	\$3,537.9	\$4,809.9	\$3,573.5	\$3,358.5	\$3,358.5
Capital Budget Bonding Activity:													
Opening Balance Segregated Bond Funds	\$610.2	\$351.8	\$129.3	\$797.1	\$662.5	\$710.6	\$606.3	\$606.3	\$502.1	\$528.4	\$314.9	\$125.7	
Bonds	\$0.0	\$8.4	\$894.8	\$0.0	\$307.5	\$0.0	\$0.0	\$0.0	\$735.6	80.0	\$0.0	\$0.0	\$1,946.3
BANS	80.0	\$0.0	80.0	\$0.0	80.0	\$0.0	\$0.0	80.0	\$0.0	80.0	\$0.0	\$500.0	
Segregated Bond Funds Available	\$610.2	\$360.2	\$1,024.1	\$797.1	\$970.1	\$710.6	\$606.3	\$606.3	\$1,237.7	\$528.4	\$314.9	\$625.7	
Bond / BANs Proceeds Allocated	\$258.4	\$230.8	\$227.0	\$134.6	\$259.4	\$104.4	\$0.0	\$104.2	\$709.2	\$213.5	61802	0000	C2 /80 P
Ending Balance Segregated Bond Funds	0 7 1 0 0	0000						4.1.0	4.00.0		2.0016	0.800	44,403.0



Commonwealth of Massachusetts Cash Flow Forecast Glossary

BUDGETARY SECTION

Tax Revenue

These tax revenue figures are gross, and do not account for tax refunds (which are captured in the budgetary outflow section of the forecast) and include amounts that are statutorily dedicated transfers to the Massachusetts Bay Transportation Authority, Massachusetts School Building Authority, etc.

Federal Reimbursements

Federal revenues are collected through reimbursements for the federal share of entitlement programs such as Medicaid and through block grants for programs such as Transitional Assistance to Needy Families (TANF). The amount of federal reimbursements to be received is determined by state expenditures for these programs. For example, the Commonwealth receives reimbursement for approximately 50% of its spending for Medicaid programs.

Other Budgetary Revenue

This revenue reflects all non-tax and non-federal reimbursement revenue that is used to support the Commonwealth's operating budget. This includes departmental revenue collections (e.g., RMV fees and fines) as well as transfers of revenue from non budgetary funds to the General Fund (e.g., Tobacco Settlements are initially deposited into a non budgetary fund and then transferred to the General Fund. Unclaimed Property revenue is transferred from the Unclaimed Property Fund to the General Fund, etc.).

Transfer from/(to) Stabilization Fund

The Stabilization Fund is established by state finance law as a reserve of surplus revenues to be used for the purposes of covering revenue shortfalls, state or local losses of federal funds or for any event that threatens the health, safety or welfare of the people or the fiscal stability of the Commonwealth or any of its political subdivisions. The fund is sometimes referred to as the state's "rainy day fund", serving as a source of financial support for the state budget in times of slow or declining revenue growth and as the primary source of protection against having to make drastic cuts in state services in periods of economic downturns. The Stabilization Fund is a "segregated" fund, and balances in the fund do not contribute to Commonwealth's "pooled" cash.

Local Aid

This spending category represents local aid that is appropriated in the state budget and is primarily comprised of Chapter 70 (public education) local aid and unrestricted general government aid. These disbursements used to go out quarterly, but recently enacted legislation amended state finance law so that they are made on a monthly basis.

Tax Refunds

A tax refund is a refund to a taxpayer of amounts paid in excess of the full amount of tax, interest and penalties due from the taxpayer for a particular tax type and period. Under G.L. Chapter 62C, Section 36, the Commissioner can offset a tax refund for one tax type in order to pay amounts due from the taxpayer for another tax type.

Debt Service for General Obligation (including CA/T)

This line represents principal and interest payments on all of the Commonwealth's outstanding general obligation bonds. These payments, as general obligations of the Commonwealth, are secured by a pledge of the Commonwealth's full faith and credit. Within this line are payments on bonds and notes issued to finance the State's various capital expenditures. Debt service payments for general obligation bonds are made on a monthly basis.

Debt Service for Special Obligations

This line represents principal and interest payments on all of the Commonwealth's outstanding special obligation bonds. As special obligations of the Commonwealth, these payments are secured by specific revenue streams pursuant to the various trust agreements underlying each bond issuance. This line includes payments on bonds secured by motor vehicle fuels receipts, Commonwealth Transportation Fund ("CTF") revenues and a selection of tourism-related sales and excise taxes.

Debt Service for GANS

This line represents interest payments on Federal Grant Anticipation Notes (GANs). GANs are bonds issued by the Commonwealth that are secured by a pledge of future Federal Highway Trust Fund revenues and net CTF revenues. The Commonwealth's current outstanding GANs were issued to help finance the Central/Artery Tunnel Project as well as the Accelerated Bridge Program. GANs payments are made one year in advance of their scheduled release from the trustee and are made in December and June of each year.

Other Budgetary Expenditures

This captures all operating budget spending with the exception of Local Aid, Debt Service and the pension appropriation. This line includes: MassHealth spending, budgetary payroll and

other budgeted spending, either authorized in the GAA, supplemental budget legislation filed or enacted, or that may be anticipated.

NON BUDGETARY SECTION

Lottery Revenue

This revenue category represents the net operating revenues of the Massachusetts State Lottery Commission. It primarily consists of the sale of Lottery products minus prizes, commissions and bonuses that are paid by the Commission.

Pension Receipts (PRIM and Annuity Receipts)

Funds transferred from PRIM to reimburse the General Fund for the payment of monthly pension benefits and annuity payments and separation from state service.

Transfer in & out for Non Pooled / Trust / Fiduciary Fund Investments

Non budgetary funds are also referred to as Trust or Fiduciary funds. As defined in state finance law, "Trust fund", a fund into which are deposited monies held by the Commonwealth or state agencies in a trustee capacity and which must be expended in accordance with the terms of the trust. Funds held in trust earn interest, which accrues to the trust; so for cash flow purposes are categorized as non pooled cash. When a trust collects money it is recorded with the Treasury on MMARS (the Commonwealth's accounting system) then moved from the cash flow to a non pooled investment. When a trust spends money the investment is liquidated by the Treasury on MMARS and then moved from a non-pooled status back to the cash flow. Thus, the net amount of all non budgetary investments for a month could be a negative inflow.

Non Budgetary Tax Receipts

These taxes are collected by the Commonwealth but are deposited directly into non budgetary trust funds for dedicated purposes. For example, the Massachusetts Convention Center Fund annually receives dedicated hotel and sales taxes to support restricted purposes, such as the annual debt service expenses associated with the construction of the Boston Convention and Exhibition Center.

Other Non Budgetary Revenue

The recording of cash collections of all non budgetary funds, except Lottery, Pension and non budgetary tax receipts.

Lottery Payments

Payment of prizes, commissions and bonuses that are paid by the Commission.

MBTA Sales Tax

The MBTA receives 1% of the first 5% of sales tax receipts, excluding meals (MGL Chapter 10, Section 35T). The dedicated sales tax growth is capped at 3% annually (based on the inflation index), but has not been achieved in recent years. This revenue is drawn down from the Fund on a monthly basis with a quarterly true-up.

MBTA Assessments

The Local Assessments (MGL Chapter 161A, Section 9) are contributed by the 175 cities and towns that are served by the MBTA. Each share is based on a weighted percentage of the total population of all the communities as published by the most recent state census. The total Local Assessment is certified before March 1 of each year and is now drawn down from the Fund on a monthly basis.

MSBA Payments

The Massachusetts School Building Authority ("MSBA") receives a dedicated sales tax revenue amount equal to 1% of receipts from sales, as defined by G.L. Chapter 64H and G.L. Chapter 64I (exclusive of taxes on sale of meals and sales in certain convention center districts). By the 15th business day of each month, the Department of Revenue ("DOR") identifies the dedicated sales tax revenue amount from the gross receipts of sales and purchases received by the Commonwealth the previous month, and the Comptroller credits that identified amount to the School Modernization and Reconstruction Trust Fund ("SMART Fund"). Within two business days of the Comptroller crediting the identified amount for the previous month to the SMART Fund, the Office of the State Treasurer disburses that amount from the SMART Fund to the MSBA's trustee.

Pension Payments

Payments to beneficiaries of the state and teachers retirement systems, payments of refunds for excess collections or separation from state service.

Non Pooled / Trust / Fiduciary Fund Expenditures

Any payments made from non pooled funds require cash on hand at the time of expenditure. These funds may be recently collected through Other Non Budgetary Revenue or may require liquidation of invested income.

Other Non Budgetary Expenditures

Non budgetary expenditures that are supported by pooled cash.

General Fund Investment Earnings

Interest earned from deposits at local banks and the Commonwealth's pooled investment trust, the Massachusetts Municipal Depository Trust.

FEDERAL GRANTS SECTION

Total Federal Grants Revenue/Inflows

This line represents the funds that have been authorized by federal agencies for federal grant expenditures/outflows that a state agency has incurred. Agencies must comply with regulations issued by the Comptroller for application and receipt of federal grants, which are generally then appropriated in section 2D of the General Appropriation Act.

Total Federal Grants Expenditures/Outflows

This line represents funds spent by state agencies from federal grant appropriation accounts. In accordance with the Cash Management Improvement Act (CMIA) all expenses are scheduled to be disbursed by the state agencies and then drawdowns from the federal funding agencies are made to time receipt with the payments clearing the bank.

CAPITAL SECTION

Capital Inflow from Federal Reimbursements

This line represents funds provided to the Commonwealth from federal agencies for capital expenditures that qualify for full or partial reimbursement. For example, the Federal Transit Authority typically reimburses the Commonwealth for approximately 80% of costs associated with maintaining state roads and bridges.

Capital Inflow to General Fund from Segregated Bond Funds

This line represents the allocated bond proceeds transferred from the segregated bond fund to the General Fund for reimbursement of General Fund expenditures on capital projects.

Total Capital Expenditures/Outflows

This line represents capital spending funded through the Commonwealth's "bond cap", which is based on an annual Debt-Affordability Study and is approved through the Commonwealth's Five-Year Capital Investment Plan, as well as gross federally-reimbursable spending, capital expenditures related to the Accelerated Bridge Program, which is secured through a separate stream of revenue that is not included in the Commonwealth's Debt-Affordability Study, and lastly, projects funded through the Clean Energy Investment Program, whereby the debt is secured by future savings related to increased energy efficiency.

Commercial Paper

This line item represents the proceeds from the Commonwealth's sale of commercial paper. Commercial paper is a short-term financial obligation of the Commonwealth that has a fixed maturity of no more than 270 days.

Revenue Anticipation Notes (RANS)

This line represents the proceeds from the sale of Commonwealth of Massachusetts revenue anticipation notes (RANs). RANs are general obligations of the Commonwealth, of which the State's full faith and credit is pledged, with a maturity of less than one year. RANs are issued in order to manage the cyclical variability in the Commonwealth's cash flow operations. Generally, they are issued in the beginning of a fiscal year, in anticipation of revenue to be received towards the end of the fiscal year.

Commercial Paper – (Principal + Interest)

This line item represents the principal and interest debt service payments on the Commonwealth's commercial paper. Commercial paper is a short-term financial obligation of the Commonwealth that has a fixed maturity of no more than 270 days.

RANS - (Principal + Interest)

This line item represents the principal and interest debt service payments on RANs issued by the Commonwealth. RANs are general obligations of the Commonwealth, of which the Commonwealth's full faith and credit is pledged, and carry a maturity of less than one year. RANs are issued in order to manage the cyclical variability in the Commonwealth's cash flow operations. Generally, they are issued in the beginning of a fiscal year, in anticipation of revenue to be received towards the end of the fiscal year.

Opening Balance Segregated Bond Funds

This line item represents the opening balance within the Commonwealth's segregated bond fund. The segregated bond fund is separate from the Commonwealth's operating and budgetary funds and is only affected by the receipt of bond proceeds or the allocation of bond proceeds. The fund's opening balance at the beginning of a given day will be equal to the closing balance on the prior day.

Bonds

This line item represents the proceeds from the sale of Commonwealth bonds (both special obligation and general obligation).

BANs

This line item represents proceeds from the sale of bond anticipation notes. BANs allow the Commonwealth to access short-term liquidity for capital needs in anticipation of future longer-term borrowings.

Segregated Bond Funds Available

This represents the total sum of the fund's opening balance plus any bond or BAN proceeds.

Bond / BANs Proceeds Allocated

This represents any segregated funds allocated to the general fund for reimbursement of General Fund expenditures on capital costs.