The Commonwealth of Massachusetts
Portfolio of General Obligation Variable Rate Bonds
As of **9/12/2018**

Summary of Outstanding Variable Rate Debt	
CPI Bonds	$99,510,000
Direct Purchase	$850,320,000
LIBOR Index Floaters	$830,375,000
PUT	$400,000,000
SIFMA Index Floaters	$188,490,000
Variable Rate Demand Bonds	$539,210,000
College Opportunity Bonds	$79,829,053
Total Per Outstanding	**$2,987,734,053**

	2000 Series A Ted Williams Tunnel Bonds	**2000 Series B** Ted Williams Tunnel Bonds	**2001 Series B** Refunding Bonds	**2001 Series C** Refunding Bonds	**2006 Series A**	**2006 Series B1 and B2**	**2006 Series C** Refunding Bonds	**2007 Series A**	**2007 Series A** Refunding Bonds
Dated/Delivery Date	12/7/2000	12/7/2000	2/20/2001	2/20/2001	3/3/2006	5/5/2016	3/29/2006	5/30/2007	5/30/2007
Mandatory Tender Date	10/12/2021	4/19/2023	N/A	1/1/2021	8/3/2020	5/31/2019	N/A	N/A	N/A
Final Maturity	12/1/2030	12/1/2030	1/1/2021	1/1/2021	3/1/2026	3/1/2026	11/1/2020	5/1/2037	11/1/2025
Original Par	$200,000,000	$75,590,000	$248,110,000	$248,115,000	$150,000,000	$200,000,000	$100,000,000	$400,000,000	$445,795,000
Outstanding Par	$200,000,000	$75,590,000	$140,255,000	$140,255,000	$123,365,000	$164,700,000	$99,510,000	$384,580,000	$445,795,000
Variable Rate Information									
Type	VRDB	VRDB	Direct Purchase	VRDB	VRDB	Direct Purchase	CPI Bonds	LIBOR Index Floaters	LIBOR Index Floaters
Insurer	N/A	N/A	N/A	N/A	N/A	N/A	FSA	CIFG / FGIC	N/A
Remarketing Agent/ Broker-Deale	BAML	BAML	N/A	Morgan Stanley	JP Morgan	N/A	N/A	N/A	N/A
Bank Facility	Citibank	TD Bank	TD Bank	Barclays	Barclays	BAML	N/A	N/A	N/A
Re-set Period	Weekly- Wed	Daily	Weekly - Wed	Weekly - Wed	Daily	N/A	Monthly	Quarterly	Quarterly
Pay Period	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Quarterly (2/1, 5/1, 8/1, 11/1)	Quarterly (2/1, 5/1, 8/1, 11/1)
Swapped/ Unhedged	Partially Swapped to Fixed	Unhedged	Swapped to Fixed	Swapped to Fixed	Unhedged	Swapped to Fixed	Swapped to Fixed	Unhedged	Swapped to Fixed
Swap Counterparty	N/A	N/A	Morgan Stanley	Morgan Stanley	N/A	JP Morgan	Wells Fargo	N/A	Wells Fargo/ BNY
Type of Swap	N/A	N/A	Cost of Funds	Cost of Funds	N/A	Percent of LIBOR	Cost of Funds	N/A	Cost of Funds
Swap Pay Period	N/A	N/A	Monthly	Monthly	N/A	Monthly	Monthly	N/A	Quarterly (2/1, 5/1, 8/1, 11/1)

	2015 Series C Refunding Bonds	**2016 Series B**	**2016 Series C**	**2014 Series D (Multi Modal), Subseries D1**	**2014 Series D (Multi Modal), Subseries D2**	**2017 Series A** Refunding Bonds	**2017 Series B** Refunding Bonds	**2018 Series A**	**COB- All Series**
Dated/Delivery Date	12/23/2015	5/10/2016	5/12/2016	7/1/2016	8/5/2014	1/4/2017	1/4/2017	1/31/2018	August
Mandatory Tender Date	2/1/2019	4/1/2021	4/1/2021	7/1/2020	8/1/2022	N/A	N/A	2/1/2021	N/A
Final Maturity	2/1/2019	4/1/2036	4/1/2046	8/1/2043	8/1/2043	2/1/2019	2/1/2020	2/1/2021	8/1/2037
Original Par	$125,000,000	$100,000,000	$200,000,000	$200,000,000	$200,000,000	$100,000,000	$88,490,000	$120,365,000	$79,829,053
Outstanding Par	$125,000,000	$100,000,000	$200,000,000	$200,000,000	$200,000,000	$100,000,000	$88,490,000	$120,365,000	$79,829,053
Variable Rate Information									
Type	Direct Purchase	Direct Purchase	Direct Purchase	Put	Put	SIFMA Index Floaters	SIFMA Index Floaters	Direct Purchase	CPI Bonds
Insurer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Remarketing Agent/ Broker-Deale	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Bank Facility	JP Morgan	TD Bank	State Street	N/A	N/A	N/A	N/A	RBC Capital Markets	N/A
Re-set Period	N/A	N/A	Weekly - Tues	N/A	N/A	Monthly	Monthly	N/A	N/A
Pay Period	Monthly	Monthly	Weekly	Semi-Annually	Semi-Annually	Monthly	Monthly	Monthly	Semi-Annually
Swapped/ Unhedged	Swapped to Fixed	Unhedged	Partially Swapped to Fixed	Unhedged	Unhedged	Swapped to Fixed	Swapped to Fixed	Swapped to Fixed	Unhedged
Swap Counterparty	Wells Fargo	N/A	Barclays	N/A	N/A	Wells Fargo	Wells Fargo	Wells Fargo	N/A
Type of Swap	SIFMA	Percent of LIBOR	Percent of LIBOR	N/A	N/A	SIFMA	SIFMA	SIFMA	N/A
Swap Pay Period	Monthly	Monthly	Semi-annually (6/15 & 12/15)	N/A	N/A	Monthly	Monthly	Monthly	N/A

VRDB	
$200,000,000	2000A
$75,590,000	2000B
$140,255,000	2001C Ref
$123,365,000	2006A
$539,210,000	

Direct Purchase	
$140,255,000	2001B Ref
$164,700,000	2006B1 & B2
$125,000,000	2015C Ref
$100,000,000	2016B
$200,000,000	2016C
$120,365,000	2018A
$850,320,000	

GO Refunding 2018 Series B bonds refunded the GO Auction Rate Securities 2000 Series D- G on May 16, 2018
2000D redeemed on 6/6/2018
2000E redeemed on 5/31/2018
2000F redeemed on 6/4/2018
2000G redeemed on 6/5/2018