



QUARTERLY INVESTMENT REPORT

March 31, 2018

**City of Houston, Texas
Office of the City Controller**

**Chris Brown
City Controller**

**Charisse Mosely
Deputy City Controller**

**Han Au
Investment Manager**



**OFFICE OF THE CITY CONTROLLER
CITY OF HOUSTON
TEXAS**

April 17, 2018

To Mayor Turner, City Council Members and
The Citizens of Houston:

I am pleased to submit to you the City of Houston's Quarterly Investment Report for the quarter ended March 31, 2018. This report presents the composition of investment pools the City Controller's Office manages.

The Report is organized as follows: Investment Portfolio Summary and Composition of all pools; an analysis of the General and Tax-Exempt pools; security listings by maturity for the quarters ended March 31, 2018 and December 31, 2017.

I hope you find this data useful and informative.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "CBB".

Chris Brown
City Controller



OFFICE OF THE CITY CONTROLLER
CITY OF HOUSTON
TEXAS

Quarterly Investment Report

We believe the data presented for the quarter ended March 31, 2018 is accurate in all material respects and presented in a manner that fairly sets forth the investment standing of the City of Houston.

This report was prepared in compliance with the City's Investment Policy and the Public Funds Investment Act of the State of Texas.

A handwritten signature of Chris Brown.

Chris Brown
City Controller

A handwritten signature of Charisse Mosely.

Charisse Mosely
Deputy City Controller
Treasury Division

A handwritten signature of Han Au.

Han Au
Investment Manager
Treasury Division

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CITY OF HOUSTON
QUARTERLY INVESTMENT REPORT
Executive Summary
For the Quarter Ended March 31, 2018

The accompanying Quarterly Investment Report lists in summary form and in detail the investment positions of the City of Houston investment pools as of March 31, 2018. As of that date, the City held total investments with a market value of \$4.4 billion. The majority of these funds, with the exception of about \$15 million that must be segregated per federal mandates, are held in the City's General Investment Pool. The General Investment Pool consists of working capital, construction funds, and debt service funds not subject to yield restriction under IRS arbitrage regulations. All investments are governed by state law and the City's Investment Policy, which dictates the following investment objectives, in order of priority:

1. Safety
2. Liquidity
3. Return on Investments
4. Other Legal Requirements

Approximately 64.4% of the City's holdings are currently invested in United States Treasuries. Other investment sectors include 18.8% allocation to US government-sponsored enterprises such as the Federal Home Loan Bank, Fannie Mae, and Freddie Mac, 4.8% to municipal notes and bonds, 7.7% to commercial paper, and 4.3% to high grade money market funds.

The weighted average maturity of the City's investments has historically ranged from about one year up to two years. The weighted average maturity is currently 1.28 years. From an operating standpoint, 29% of the funds invested are designated to be spent on capital projects such as roads and bridges, the water and sewer system and the airport system. Investment maturities are targeted to coincide with planned expenditures. Other investment maturities are targeted to meet short-term obligations such as payroll and debt service payments.

Fitch Ratings has assigned its AAAf credit rating and S1 volatility rating to the General Pool. The AAAf credit quality rating is the highest rating available from Fitch Ratings and reflects the extremely strong protection that the Pool's portfolio investments provide against losses from credit defaults or credit deteriorations. The S1 volatility rating recognizes the Pool's sensitivity to changing market conditions as a result of its low market risk profile and conservative investment policies.

At March 31, 2018, the general pool was yielding 1.576% based on the amortized cost of the portfolio.

Investment Portfolio Summary
Activity For Quarter Ended
March 31, 2018

General Pool 9900

	3/31/2018	12/31/2017	Last Quarter Net Change	3/31/2017	Last Year Net Change
Book Value	\$4,445,890,663	\$3,747,122,103	698,768,560	\$4,067,345,388	378,545,275
Market Value	\$4,411,185,924	\$3,725,823,122	685,362,802	\$4,059,282,714	351,903,211
Market/Book Ratio	0.99219	0.99432	-0.0021	0.9980	-0.0058
Accrued Interest	\$19,678,214	\$7,184,818	12,493,396	\$15,298,982	4,379,232

The General Pool consists of all working capital, construction, and debt service funds which are not subject to yield restriction under IRS arbitrage regulations. Combining the net cash-flows of all funds allows the City to invest in longer-term, higher-yielding securities without sacrificing the ability to meet short-term cash needs. The General Pool strategy, as outlined in the City's Investment Policy, combines a variation on the traditional laddered maturity strategy which matches assets and liabilities, with more active management strategies, such as yield curve analysis and bond swaps.

For the quarter ending March 31, 2018, the 3-month average yield was 1.517%. The weighted average maturity (WAM) as of March 31 was 468 days.

FitchRatings

Fitch Ratings has assigned its AAAf credit rating and S1 volatility rating to the General Pool. The AAAf credit quality rating is the highest rating available from Fitch Ratings and reflects the extremely strong protection that the Pool's portfolio investments provide against losses from credit defaults or credit deterioration. The S1 volatility rating recognizes the Pool's sensitivity to changing market conditions as a result of its low market risk profile and conservative investment policies.

Tax Exempt Pool 9901

	3/31/2018	12/31/2017	Last Quarter Net Change	3/31/2017	Last Year Net Change
Book Value	\$7,943,890	\$7,853,007	90,883	\$7,865,187	78,703
Market Value	\$7,896,241	\$7,800,713	95,528	\$7,849,808	46,433
Market/Book Ratio	0.9940	0.9933	0.0007	0.9980	-0.0040
Accrued Interest	\$48,611	\$120,694	-72,083	\$72,338	-23,726

The Tax Exempt Pool consists of those funds which are subject to yield restriction and arbitrage regulation under the 1986 Tax Reform Act. This pool was created to do the following: demonstrate compliance with Internal Revenue Code regarding arbitrage, maximize the amount of interest earned and retained by the City from the investment of funds subject to the regulations, minimize the amount of rebate liability, and minimize the cost of administering the arbitrage tracking program. The Tax Exempt Pool strategy, as outlined in the City's Investment Policy, is to invest in high quality, short-term municipal bonds and one or more tax-exempt money market mutual funds in order to meet the liquidity demands of the City.

For the quarter ending March 31, 2018, the 3-month average yield was 1.101%. The WAM was 440 days at March 31, 2018.

**Investment Portfolio Summary
Activity For Quarter Ended
March 31, 2018**

Housing Department Section 108 Pool 9902

	3/31/2018	12/31/2017	Last Quarter Net Change	3/31/2017	Last Year Net Change
Book Value	\$7,159,686	\$7,094,844	64,842	\$7,884,024	-724,338
Market Value	\$7,158,036	\$7,094,810	63,225	\$7,880,800	-722,764
Market/Book Ratio	0.9998	1.0000	-0.0002	0.9996	0.0002
Accrued Interest	\$0	\$0	0	\$0	0

The Housing Department Fund was created to comply with the U.S. Department of Housing and Urban Development (HUD), which requires a separate custodial account for HUD's benefit.

For the quarter ending March 31, 2018, the 3-month average yield was 1.544%. The WAM was 120 days at March 31, 2018.

**Investment Portfolio Composition
General Pool 9900
Percentages by Market Sector**

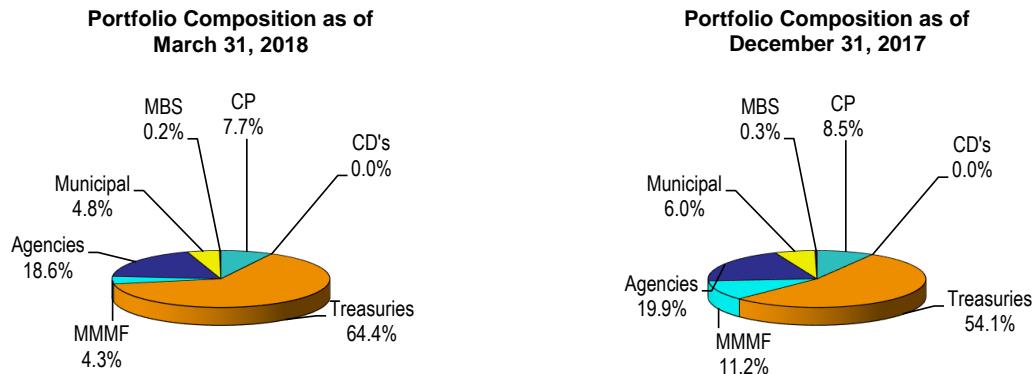


FIGURE 2
Source: City of Houston Controller's Office

Investment Policy Limitations

Money Market Mutual Funds (MMMF)	$\leq 25\%$
Repurchase Agreements (Repo)	$\leq 15\%$
Commercial Paper/Banker Acceptances (CP/BA)	$\leq 15\%$
US Treasury Bills/Notes/Bonds	$\geq 15\%$
US Agencies	$\leq 85\%$
Municipal Bonds	$\leq 20\%$
Mortgage-Backed Securities (MBS) & Collateralized Mortgage Obligations (CMO)	$\leq 20\%$

The portfolio composition graph for the General Pool (Figure 2) shows the percentage of the pool held in U.S. Treasuries, U.S. Agencies, Mortgage-Backed Securities, Municipal Bonds and liquidity investments (MMMF, Repo and CP) positions. All investments are in compliance with the objectives and restrictions set forth in the City's Investment Policy and the Public Funds Investment Act of the State of Texas.

Annual Portfolio Composition
General Pool 9900
April 2017 through March 2018

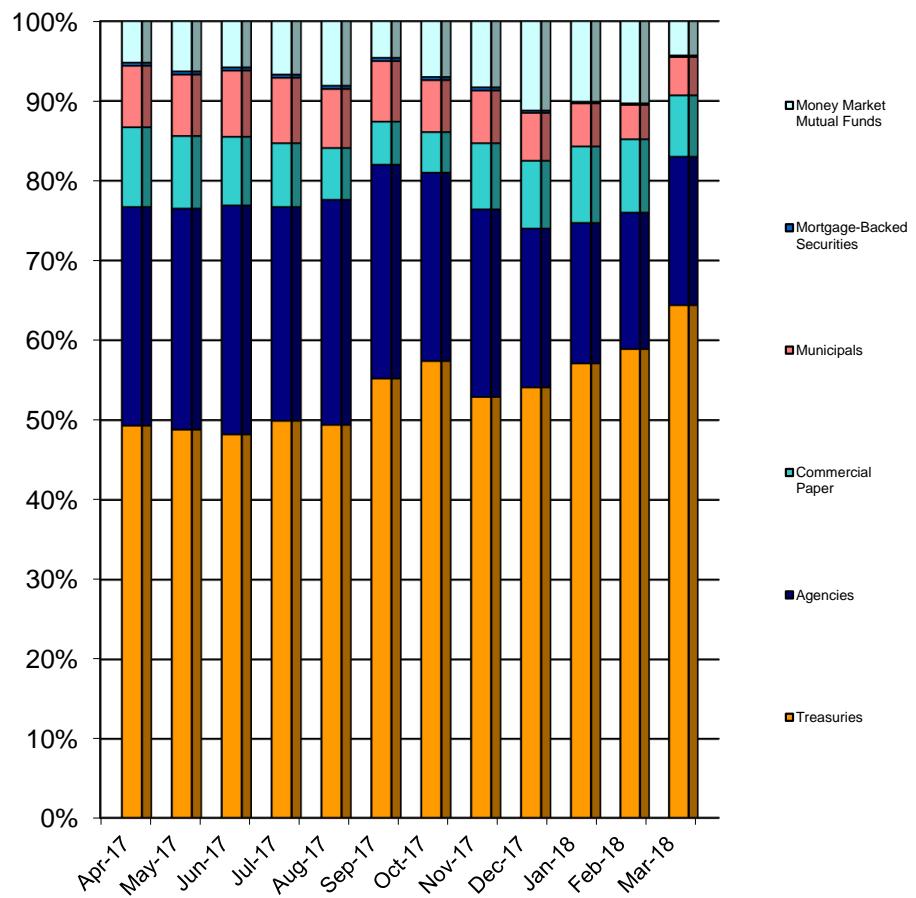
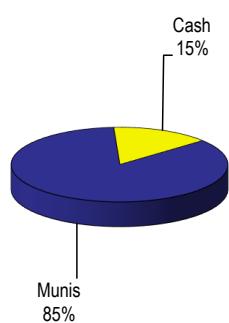


FIGURE 3
Source: City of Houston Controller's Office

**Investment Portfolio Composition
Tax Exempt Pool 9901
Percentages by Market Sector**

**Portfolio Composition as of
March 31, 2018**



**Portfolio Composition as of
December 31, 2017**

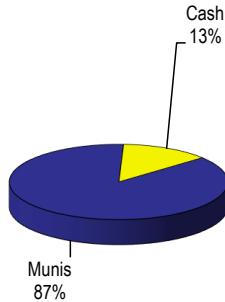


FIGURE 5
Source: City of Houston Controller's Office

Investment Policy Limitations

Money Market Mutual Funds (MMMF) Maximum Level
 100%

Municipal Notes and Bonds (Including VRDSs) 100%

The portfolio composition graph for the Tax Exempt Pool (Figure 5) shows the percentage of the pool held in Municipal Notes/Bonds/VRDS's and Money Market Mutual Funds. All investments are in compliance with the objectives and restrictions set forth in the City's Investment Policy and the Public Funds Investment Act of the State of Texas.

Appendix I

Investments by Sector and Maturity as of March 31, 2018

WIN 1.5 6-1-19	975673DS0	1.500%	1,970,000.00	6/1/2019	1.157	7/12/2017	9,850.00	1,968,719.65	0	1.557	1,951,619.90
ORL 2.0 12-1-21	686356NY8	2.000%	2,020,000.00	12/1/2021	3.530	7/12/2017	13,466.67	2,002,436.51	0	2.250	1,949,562.60
NYSENV 1.658 6-15-19	64986DEB7	1.658%	1,000,000.00	6/15/2019	1.193	7/25/2017	4,881.89	1,001,839.28	0	1.502	992,360.00
FRE 1.54 8-1-19	355694Y95	1.540%	2,500,000.00	8/1/2019	1.322	8/7/2017	6,416.67	2,501,294.79	0	1.500	2,465,525.00
UTS 3.289 7-1-20 BAB	917542QT2	3.289%	1,120,000.00	7/1/2020	2.172	8/9/2017	9,209.20	1,158,907.65	0	1.700	1,139,835.20
HIL 2.0 3-1-19	432841SA3	2.000%	1,050,000.00	3/1/2019	0.912	9/28/2017	1,750.00	1,054,274.78	0	1.551	1,048,026.00
TUCWTR 1.809 7-1-19	8987968P5	1.809%	1,000,000.00	7/1/2019	1.237	9/28/2017	4,522.50	1,001,695.63	0	1.671	992,600.00
TXS 3.5 10-1-20	882724DS3	3.500%	1,000,000.00	10/1/2020	2.381	10/3/2017	17,305.56	1,042,893.63	0	1.732	1,026,250.00
NYSFAC 2.119 1-15-21	64985HYV3	2.119%	1,250,000.00	1/15/2021	2.711	11/9/2017	5,591.81	1,250,000.00	0	2.119	1,228,775.00
NYC 3.15 8-1-22	64966K2R3	3.150%	1,000,000.00	8/1/2022	4.069	12/8/2017	5,250.00	1,026,417.46	0	2.500	1,013,720.00
BER 2.5 12-13-18	083763RR5	2.500%	2,920,000.00	12/13/2018	0.694	12/13/2017	21,900.00	2,933,057.06	0	1.850	2,925,256.00
GAS 2.0 2-1-19	3733844P8	2.000%	4,355,000.00	2/1/2019	0.828	3/23/2018	14,516.67	4,347,788.80	0	2.200	4,346,681.95
ALA 2.562 8-1-20	010678AL0	2.562%	3,000,000.00	8/1/2020	2.271	3/29/2018	427.00	3,000,000.00	0	2.562	3,001,320.00
ALA 3.5 8-1-19	010678AK2	3.500%	5,000,000.00	8/1/2019	1.308	3/29/2018	972.22	5,069,609.96	0	2.434	5,066,600.00
Subtotal Municipal Bonds		216.890%	215,560,000.00	6/1/2019	1.148		1,382,910.20	216,748,728.20	1.613		215,000,030.10
Money Market Mutual Funds											
CHASE MONEY MARKET F		0.010%	0.00	4/1/2018	0.000	2/1/2008	0.00	0.00	0	0.010	0.00
TexStar960 Cash Rese		1.493%	189,714,749.25	4/1/2018	0.003	7/1/2011	0.00	189,714,749.25	0	1.493	189,714,749.25
Subtotal Money Market Mutual Funds		1.493%	189,714,749.25	4/1/2018	0.003		0.00	189,714,749.25	1.493		189,714,749.25
TOTAL FUND 9900		1.702%	4,442,771,257.83	7/11/2019	1.255		19,678,214.21	4,445,890,663.11	1.576		4,411,185,924.30

INVESTMENT BY SECTOR AND MATURITY - TAX EXEMPT FUND 9901
AS OF March 31, 2018

Description	Coupon	Par Value	Maturity Date	Call Date	Mod DTW	Purchase Date	Accrued Interest	Book Value	YTC	Current Yield	Market Value
Municipal Bonds											
HORSCD 5.0 3-1-19	440673A76	5.000%	1,000,000.00	3/1/2019	0.905	4/4/2016	4,166.67	1,036,822.33	0	0.920	1,030,890.00
DAN 3.0 6-1-19	2360917D0	3.000%	1,500,000.00	6/1/2019	1.145	9/28/2016	15,000.00	1,536,255.86	0	0.901	1,524,045.00
RCNSCD 5.00 2-15-20	763261U28	5.000%	2,000,000.00	2/15/2020	1.803	10/25/2017	12,777.79	2,142,256.02	0	1.139	2,120,720.00
SCS 5.08 1-19	83710RLU9	5.000%	2,000,000.00	8/1/2019	1.298	11/21/2017	16,666.67	2,097,449.49	0	1.300	2,089,480.00
Subtotal Municipal Bonds		4.539%	6,500,000.00	8/26/2019	1.362		48,611.13	6,812,783.70	1.101		6,765,135.00
TOTAL FUND 9901		4.539%	6,500,000.00	8/26/2019	1.362		48,611.13	6,812,783.70	1.101		6,765,135.00

INVESTMENT BY SECTOR AND MATURITY - HOUSING DEPARTMENT SECTION 108 FUND 9902
AS OF March 31, 2018

Description	Coupon	Par Value	Maturity Date	Call Date	Mod DTW	Purchase Date	Accrued Interest	Book Value	YTC	Current Yield	Market Value
Treasury Bills											
B 1.505 7-5-18	912796PN3	1.505%	3,600,000.00	7/5/2018	0.263	1/11/2018	0.00	3,585,609.66	0	1.516	3,584,239.79
B 1.79 8-23-18	912796PV5	1.790%	3,600,000.00	8/23/2018	0.397	2/26/2018	0.00	3,574,076.71	0	1.806	3,573,795.95
Subtotal Treasury Bills		1.648%	7,200,000.00	7/29/2018	0.330		0.00	7,159,686.37	1.661		7,158,035.74
TOTAL FUND 9902		1.648%	7,200,000.00	7/29/2018	0.330		0.00	7,159,686.37	1.661		7,158,035.74
GRAND TOTALS		1.706%	4,456,471,257.83	7/11/2019	1.253		19,726,825.34	4,459,863,133.18	1.575		4,425,109,095.04

Appendix II

Investments by Sector and Maturity as of December 31, 2017

Description	CUSIP	Coupon	Par Value	Maturity Date	Call Date Avg Life	Mod DTW	Purchase Date	Accrued Interest	Book Value	YTC	Current Yield	Market Value
LNN 1.7 6-1-20	535783JH8	1.700%	1,660,000.00	6/1/2020		2.377	6/22/2017	14,815.50	1,660,000.00	0	1.700	1,640,461.80
LNN 1.45 6-1-19	535783JG0	1.450%	1,210,000.00	6/1/2019		1.407	6/22/2017	9,211.13	1,210,000.00	0	1.450	1,200,259.50
WIN 1.5 6-1-19	975673DS0	1.500%	1,970,000.00	6/1/2019		1.407	7/12/2017	2,462.50	1,968,446.03	0	1.557	1,956,052.40
ORL 2.0 12-1-21	686356NY8	2.000%	2,020,000.00	12/1/2021		3.780	7/12/2017	3,366.67	2,001,239.95	0	2.250	1,971,762.40
NYSENV 1.658 6-15-19	64986DEB7	1.658%	1,000,000.00	6/15/2019		1.443	7/25/2017	736.89	1,002,219.71	0	1.502	995,190.00
FRE 1.54 8-1-19	355694Y95	1.540%	2,500,000.00	8/1/2019		1.561	8/7/2017	16,041.67	2,501,537.01	0	1.500	2,471,500.00
UTS 3.289 7-1-20 BAB	917542QT2	3.289%	1,120,000.00	7/1/2020		2.387	8/9/2017	18,418.40	1,163,225.02	0	1.700	1,149,691.20
HIL 2.0 3-1-19	432841SA3	2.000%	1,050,000.00	3/1/2019		1.152	9/28/2017	5,425.00	1,055,436.55	0	1.551	1,050,000.00
TUCWTR 1.809 7-1-19	898796BP5	1.809%	1,000,000.00	7/1/2019		1.476	9/28/2017	9,045.00	1,002,033.91	0	1.671	995,730.00
TXS 3.5 10-1-20	882724DS3	3.500%	1,000,000.00	10/1/2020		2.628	10/3/2017	8,555.56	1,047,177.93	0	1.732	1,035,090.00
NYSFAC 2.119 1-15-21	64985HY3	2.119%	1,250,000.00	1/15/2021		2.931	11/9/2017	3,825.97	1,250,000.00	0	2.119	1,239,575.00
NYC 3.15 8-1-22	64966K2R3	3.150%	1,000,000.00	8/1/2022		4.255	12/8/2017	13,125.00	1,027,940.53	0	2.500	1,020,850.00
BER 2.5 12-13-18	083763RR5	2.500%	2,920,000.00	12/13/2018		0.944	12/13/2017	3,650.00	2,937,698.12	0	1.850	2,934,833.60
Subtotal Municipal Bonds		2.232%	224,085,000.00	4/10/2019		1.261		1,526,215.90	225,525,838.89		1.555	224,292,200.30
Money Market Mutual Funds												
CHASE MONEY MARKET F		0.010%	0.00	1/1/2018		0.000	2/1/2008	0.00	0.00	0	0.010	0.00
TexStar960 Cash Rese		1.296%	421,370,259.66	1/1/2018		0.003	7/1/2011	29,912.16	421,370,259.66	0	1.296	421,370,259.66
Subtotal Money Market Mutual Funds		1.296%	421,370,259.66	1/1/2018		0.003		29,912.16	421,370,259.66		1.296	421,370,259.66
TOTAL FUND 9900		1.695%	3,734,354,740.31	6/12/2019		1.410		7,184,818.24	3,747,122,103.46		1.409	3,725,823,121.97

**INVESTMENT BY SECTOR AND MATURITY - TAX EXEMPT FUND 9901
AS OF DECEMBER 31, 2017**

Description	Coupon	Par Value	Maturity Date	Call Date	Mod DTW	Purchase Date	Accrued Interest	Book Value	YTC	Current Yield	Market Value	
Municipal Bonds												
HORSCD 5.0 3-1-19	440673A76	5.000%	1,000,000.00	3/1/2019		1.132	4/4/2016	16,666.67	1,046,829.60	0	0.920	1,039,880.00
DAN 3.0 6-1-19	2360917D0	3.000%	1,500,000.00	6/1/2019		1.395	9/28/2016	3,750.00	1,544,004.16	0	0.901	1,531,080.00
RCNSCD 5.00 2-15-20	763261U28	5.000%	2,000,000.00	2/15/2020		2.003	10/25/2017	58,611.11	2,161,221.17	0	1.139	2,138,340.00
SCS 5.0 8-1-19	83710RLU9	5.000%	2,000,000.00	8/1/2019		1.514	11/21/2017	41,666.67	2,115,678.99	0	1.300	2,106,140.00
Subtotal Municipal Bonds		4.539%	6,500,000.00	8/26/2019		1.582		120,694.45	6,867,733.92		1.102	6,815,440.00
TOTAL FUND 9901		4.539%	6,500,000.00	8/26/2019		1.58		120,694.45	6,867,733.92		1.10	6,815,440.00

**INVESTMENT BY SECTOR AND Maturity - HOUSING DEPARTMENT SECTION 108 FUND 9902
AS OF DECEMBER 31, 2017**

Description	Coupon	Par Value	Maturity Date	Call Date	Mod DTW	Purchase Date	Accrued Interest	Book Value	YTC	Current Yield	Market Value	
Treasury Bills												
B 1.115 1-4-18	912796LC1	1.115%	3,600,000.00	1/4/2018		0.011	7/7/2017	0.00	3,599,663.36	0	1.121	3,599,870.40
B 1.095 2-15-18	912796NS4	1.095%	3,500,000.00	2/15/2018		0.126	8/17/2017	0.00	3,495,180.69	0	1.101	3,494,939.89
Subtotal Treasury Bills		1.105%	7,100,000.00	1/24/2018		0.068		0.00	7,094,844.05		1.111	7,094,810.29
TOTAL FUND 9902		1.105%	7,100,000.00	1/24/2018		0.068		0.00	7,094,844.05		1.111	7,094,810.29
GRAND TOTALS		1.699%	3,747,954,740.31	5/20/2019		1.351		7,305,512.69	3,761,084,681.43		1.408	3,739,733,372.26