# Quarterly Refunding Charts 

U.S. Department of the Treasury

Office of Debt Management
February 1, 2010


## Near-Term Financing Outlook

## Estimated net marketable borrowing for Q2 and Q3 FY 2010

- Net marketable borrowing in Q2 (January-March) is expected to be $\$ 392$ billion.
- Net marketable borrowing in Q3 (April-June) is expected to be $\$ 268$ billion.
- These estimates do not include incremental borrowing needs that would result from a potential increase in issuance under the Supplementary Financing Program (SFP).

Treasury Marketable Financing

- Nominal coupons raised the majority of cash in the first quarter of the fiscal year.
- Supplementary Financing Program (SFP) redemptions accounted for the majority of the pay down in bills during the quarter.

| (\$ billions) | Q1-FY 2010October 1, 2009 - December 31, 2009 |  |  |  | FY 2009 <br> October 1, 2008 - September 30, 2009 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Net SOMA | Net Cash |  |  | Net SOMA | Net Cash |
|  | Issued | Matured | Activity * | Raised | Issued | Matured | Activity * | Raised |
| Bills (includes SFPs) | \$1,452.4 | \$1,651.4 | \$0.0 | -\$199.0 | \$6,920.5 | \$6,417.8 | \$0.0 | \$502.7 |
| Nominal coupons | \$598.9 | \$153.5 | \$0.0 | \$445.5 | \$1,886.6 | \$640.7 | \$0.0 | \$1,245.9 |
| TIPS | \$14.0 | \$0.0 | \$0.0 | \$14.0 | \$58.5 | \$20.8 | \$0.0 | \$37.7 |
| Total | \$2,065.3 | \$1,804.9 | \$0.0 | \$260.5 | \$8,865.6 | \$7,079.3 | \$0.0 | \$1,786.3 |

* Note: Negative SOMA activity represents redemptions.

Positive SOMA activity represents additional issuance of securities, made possible by redemptions in maturing securities with the same settlement date; these are offsetting transactions and are net cash neutral.

Marketable Treasury Coupon Flows (including soma)
\$ Billions

- Large cash outflows on February 15 include maturing 3 -, 5 - and $10-$ year notes. May 15 outflows include maturing 3- and 5-year

| Date | Maturing Coupon Securities | Coupon Payments | Total Outflows |
| :--- | :---: | :---: | :---: |
| February 15, 2010 | 57 | 27 | 84 |
| February 28, 2010 | 29 | 5 | 34 |
| March 15, 2010 | 15 | 1 | 16 |
| March 31, 2010 | 32 | 5 | 37 |
| April 15, 2010 | 47 | 2 | 49 |
| April 30, 2010 | 33 | 5 | 38 |
| May 15, 2010 | 38 | 21 | 59 |
| May 31, 2010 | 32 | 5 | 37 |

- Volatility in cash balances continues to pose challenges.
- Elevated cash balances at the end of December 2009 were related, in part, to repayments of TARP.
- Net marketable borrowing for Q1 FY 2010 was $\$ 260$ billion compared to \$569 billion during the same period in the prior year.
- SFP bills were paid down by $\$ 160$ billion in Q1 FY 2010.


Treasury Quarterly Net Marketable Borrowing


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Treasury Quarterly Net Borrowing from Nonmarketable Issues


Percentage Breakdown of Quarterly Marketable Issuance


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Gross Annual TIPS Issuance and Amount Outstanding


Year-over-Year Growth in Outstanding Coupon Securities Semi-Monthly


## Debt Portfolio Projections

## Assumptions used in the next 3 charts:

- Net financing projections for FY 2010-2020 are based on OMB FY 2011 Budget estimates. Future residual financing needs are spread proportionally across auctioned securities and are derived from hypothetical auction sizes. Excluding 30year TIPS, initial sizes are based on announced coupon amounts as of December 31, 2009 and the outstanding level of bills on December 31, 2009. The initial size for 30 -year TIPS is based on the average announced amount for 20 -year TIPS in 2009.
- Projections exclude cash management bills.
- Projections assume no change to future issuance patterns.


## Using the above assumptions, over the next 10 years:

- Average maturity of total outstanding and average maturity of issuance settle to approximately 68 and 79 months, respectively.
- The percent of debt with 3 years or less to maturity is projected to decline to $53 \%$.
- Average maturity of total debt outstanding rose by 6 months between March 2009 and December 2009, from 49 months to 55 months.
- If future financing needs were spread proportionally following current issuance patterns, the proportion of debt composed of longerterm securities would increase.


Distribution of Marketable Debt Outstanding by Security


December 31, 2009. The initial size for 30 -year TIPS is based on the average announced amount for 20 -year TIPS in 2009 . Projections exclude CMB issuance and maturing amounts.

- The percentage of debt maturing within the next three years is at historical lows.
- Maturing 2-, 3- and 5year notes will add to near-term financing needs.



## Coupons Maturing*



## Additional Factors to Consider

- The rate of decline in year-over-year corporate tax receipts slowed in Q1 FY 2010. In the past, changes in corporate tax receipts have led changes in individual withheld and non-withheld receipts.
- Marketable financing needs remain volatile due to uncertainty surrounding projected revenues, non-marketable debt issuance and outlays related to ongoing recovery programs.
- Treasury's current securities offerings provide flexibility to address a wide range of borrowing scenarios.

| FY 2010 and 2011 Deficit and Borrowing Estimates | \$ billions |  |  |
| :--- | :---: | :---: | :---: |
|  | Primary <br> Dealers* | CBO | OMB |
| FY 2010 Deficit Estimates | 1,357 | 1,349 | 1,556 |
| FY 2011 Deficit Estimates | 1,121 | 980 | 1,267 |
| FY 2010 Deficit Range | $900-1750$ |  |  |
| FY 2011 Deficit Range | $750-1800$ |  |  |
|  |  |  |  |
| FY 2010 Marketable Borrowing Range | $1000-1750$ |  |  |
| FY 2011 Marketable Borrowing Range | $750-1600$ |  |  |
| Estimates as of: | Jan 2010 | Jan 2010 | Feb 2010 |

* Based on Primary Dealer feedback on January 28, 2010. Deficit estimates are averages.

Comparing Deficit Estimates for FY 2010 since February 2009


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Rolling 12-Month Growth Rates


