# **Quarterly Refunding Charts**

U.S. Department of the Treasury
Office of Debt Management
May 1, 2006







# **Financing Near Term Outlook**

- FY 2006 Q3 and Q4 Improved Outlook:
  - We estimate a pay down of \$51 billion net marketable debt this quarter and net marketable borrowing of \$89 billion next quarter
  - Q3 estimated pay down is \$21 billion greater than estimated in January 2006



### **Treasury Financing Requirements**

\$ Billions

•	Q1 borrowing was less than
	projected, due to strong
	receipts, under runs in
	outlays and lower than
	anticipated end of quarter
	cash balances.

•	A pay down in net non-
	marketable issuance was
	the first since Q3 2004.

			a Dillions	
•	January - March 2006		April - June 2006	
	(Projected)	(Actuals)	(Projected)	
Deficit Funding (Def + / Surplus -)	213	179	-47	
Means of Financing				
Change in Cash Balance	22	28	-17	
Net Non-Marketable Financing	-8	-2	7	
Other*	10	-5	15	
Net Marketable Financing	188	158	-51	
Net Marketable Financing	188	158	-51	
Bills		78		
Nominal Notes		49		
TIPS		21		
Bonds		10		
Notes:				
Starting Cash Balance	37	37	8	
Ending Cash Balance	15	8	25	

<sup>\*</sup> Includes direct loan activity, changes in accrued interest, checks outstanding, minor miscellaneous transactions, discount and inflation accretion on Treasuries.

Note: Totals may not add due to rounding.

### **Marketable Treasury Coupon Flows**

\$ Billions

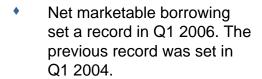
Date	Maturing Coupons (Excluding SOMA holdings)	Coupon Payments	Total Outflows
March 31, 2006	26	2	28
April 15, 2006	0	3	3
April 30, 2006	26	2	28
May 15, 2006	57	22	79
May 31, 2006	24	2	26
June 15, 2006	0	1	1
June 30, 2006	25	2	27
July 15, 2006	17	5	23
July 31, 2006	23	2	24

April 15 and June 15 issuances raise all new cash.



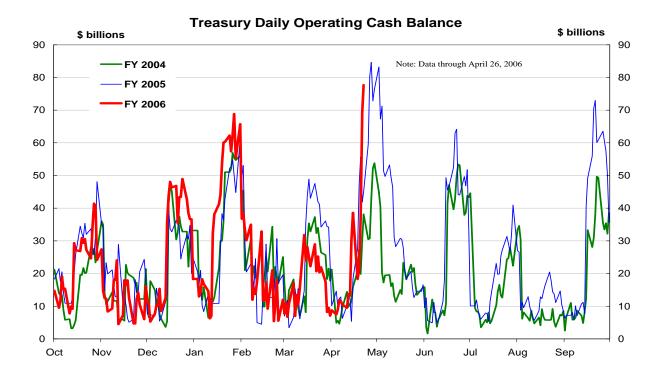
May 15 outlays are large.

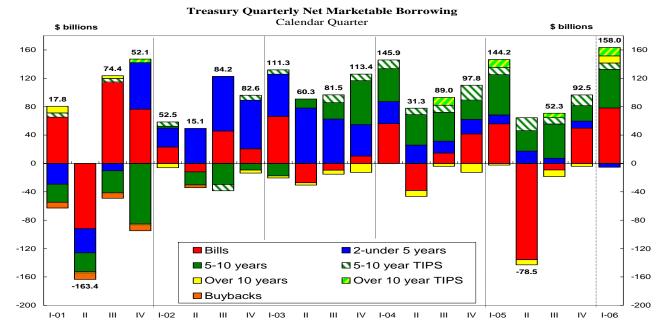
 Cash balances in 2<sup>nd</sup> half of March were below previous year balances, due in part to debt ceiling constraints.



 Bill issuance was increased in anticipation of April receipt inflows.

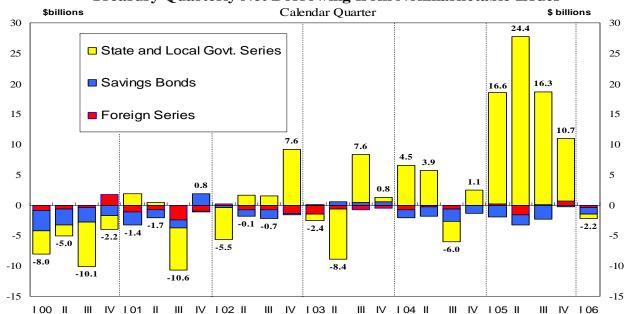






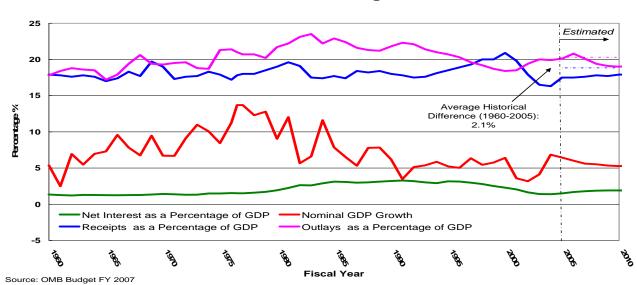
**Treasury Quarterly Net Borrowing from Nonmarketable Issues** 

 State and Local Govt. Series (SLGS) issuance declined sharply from record levels, due in part to the suspension of SLGS caused by the debt limit impasse.



#### **Drivers of Financing Needs**

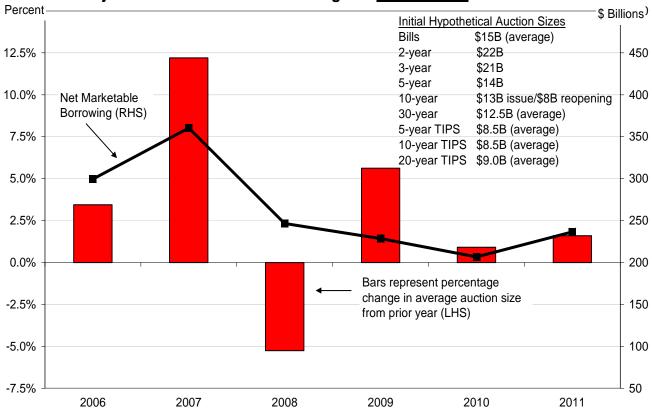
Given OMB budget
 estimates, revenues as a
 share of GDP are expected
 to remain below historical
 average, while the difference
 between outlays and
 revenues as a share of GDP
 declines sharply.





### Projected Net Marketable Borrowing and *Hypothetical* Auction Sizes

 Given OMB budget estimates, changes in auction sizes are expected to increase in FY 2007.



Internal Treasury budget estimate used for FY 2006. Projections for FY 2007-2011 are based on OMB 2007 Budget estimates. Future residual financing needs are spread proportionally across auctioned securities to maintain constant maturity of issuance.



## **Debt Portfolio**

- Average maturity of total outstanding debt remains stable at 55 months over the next 5 years
- Average maturity of issuance stabilizes between 54-55 months
- The percent of debt maturing with 3 years or less to maturity declines to around 58 percent

### Assumptions used in the next 5 charts:

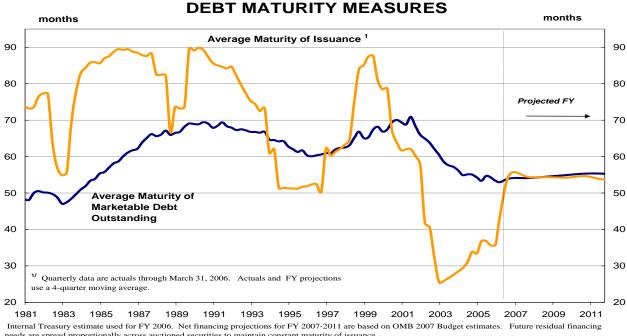
- Future residual financing needs are spread proportionally across auctioned securities to maintain constant maturity of issuance, based on <u>hypothetical</u> initial auction sizes
- OMB 2007 Budget estimates, with internal Treasury estimate for current fiscal year



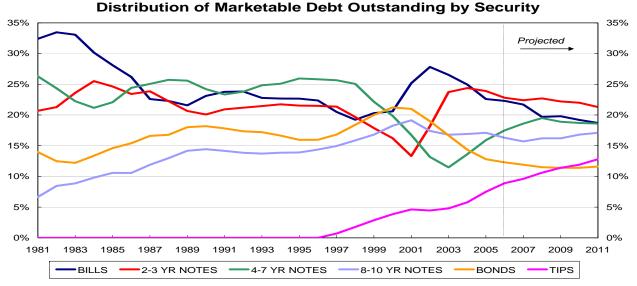
- Average maturity stabilizes with assumption of stable 30-year bond issuance.
- The end of FY 2006 average maturity of issuance

   (a 4-quarter moving average)
   is expected to reach nearly
   55-months.

 On current paths, bills' share of the portfolio is projected to fall to near historic lows.



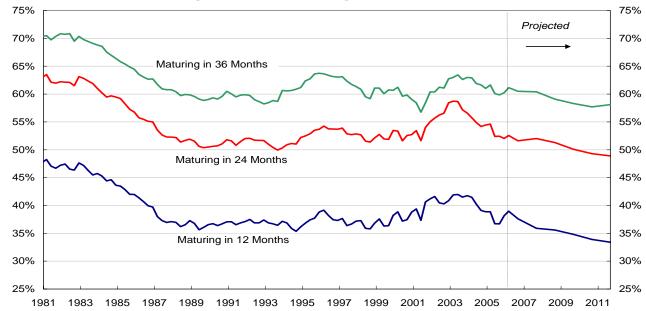
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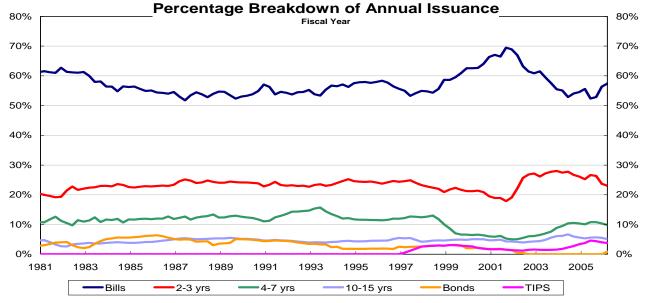
Internal Treasury budget estimate used for FY 2006. Projections for FY 2007-2011 are based on OMB 2007 Budget estimates. Future residual financing needs are spread proportionally across auctioned securities to maintain constant maturity of issuance.



### Percentage of Debt Maturing in Next 12 to 36 Months



Internal Treasury budget estimate used for FY 2006. Projections for FY 2007-2011 are based on OMB 2007 Budget estimates. Future residual financing needs are spread proportionally across auctioned securities to maintain constant maturity of issuance.

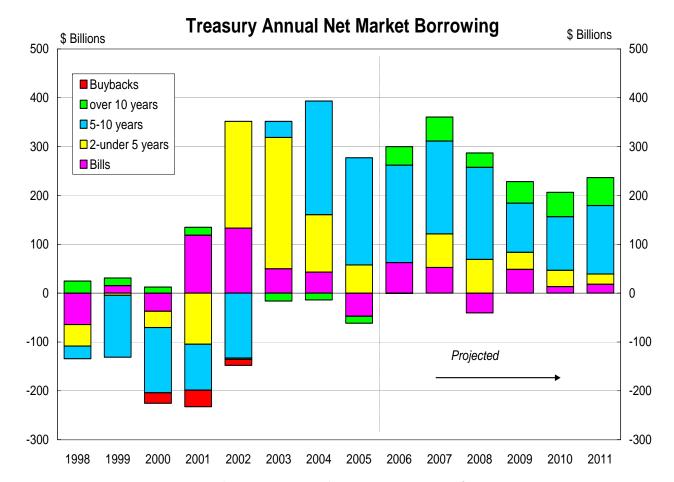


 Debt with a residual maturity of 3 years or less trends toward lower end of historical ranges.

 2- and 3-year note issuance has stabilized, while bill issuance rises from recent lows.



Note: Data through March 31, 2006.



 Net marketable borrowing is mostly concentrated in 5and 10-year note issuance through FY 2011.

Internal Treasury budget estimate used for FY 2006. Projections for FY 2007-2011 are based on OMB 2007 Budget estimates. Future residual financing needs are spread proportionally across auctioned securities to maintain constant maturity of issuance.



# **Uncertainty**

 Current financing calendar can meet likely ranges of borrowing needs without adjustments over this fiscal year



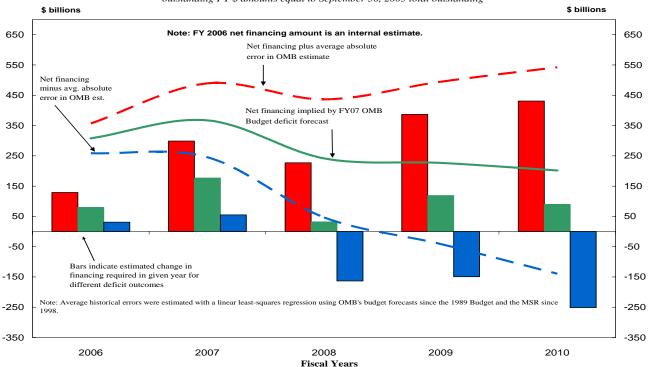
 Deficit estimates have declined since January.

	Primary Dealers*	СВО	OMB
Current:	356	336	423
Range based on average absolute forecast error	279-433	240-432	335-511
Estimates as of:	April 06	March 06	February 06

Note: Ranges based on errors from 1997-2005.

#### Financing Residuals Given Current Issuance Calendar

Assumes current coupon issuance pattern and issuance amount-- Weekly bill issuance at levels required to maintain outstanding FY \$ amounts equal to September 30, 2005 total outstanding



 Current coupon pattern and issuance amounts will provide approximately \$220 billion of new financing in FY 2006.



<sup>\*</sup> Primary Dealers reflect average estimate.

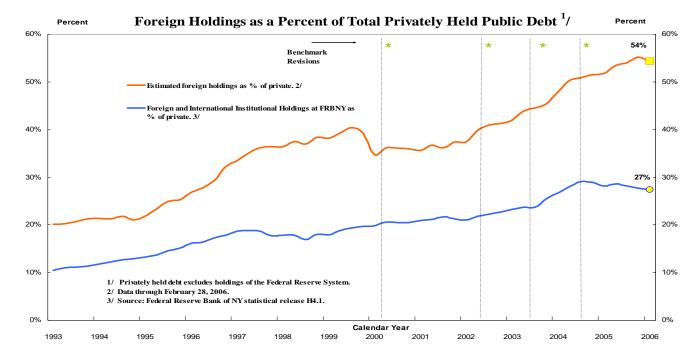
# **Capital Markets**

 Foreign holdings of Treasuries have stabilized, while Treasury's share of the money market has reversed a recent trend



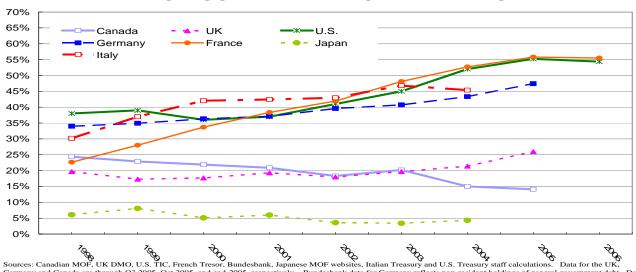
Foreign holdings of U.S. Treasury debt are stable.

Note that we anticipate a benchmark revision soon.



#### **NON-RESIDENT PARTICIPATION** IN G-7 GOVERNMENT BOND MARKETS

Non-resident participation in U.S. bond markets remains comparable to other G-7 members.

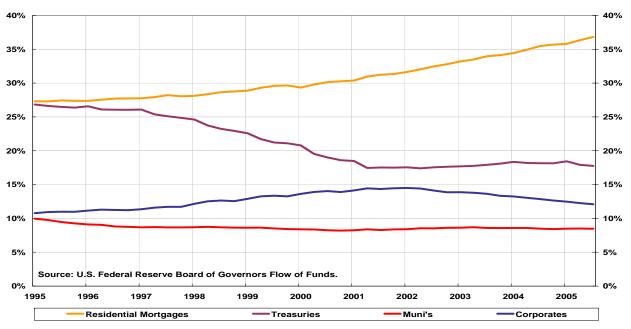


Germany and Canada are through Q3 2005, Oct 2005, and end-2005, respectively. Bundesbank data for Germany reflects non-resident holdings of general government debt. Data for France and the U.S. are through February 2006.



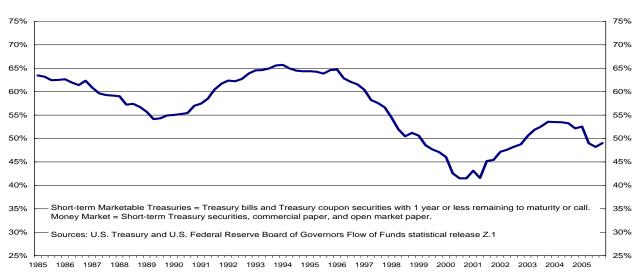
#### Percentage Breakdown of Nonfinancial Credit Market Debt

 Treasury's share of U.S. credit markets remains fairly level.



### Outstanding Short-term Marketable Treasury Securities as a Percentage of Money Market Instruments

 The share of total short-term Treasuries outstanding grew in the fourth quarter of CY 2005 as bills outstanding reversed a 2 quarter decline.





## **Auction Release Time Performance**

No current quarter exceptions to Treasury's 2 minute auction release times

### Auction Release Times for May 2005 - April 2006

Data through April 27, 2006

