Prefatory Note

The attached document represents the most complete and accurate version available based on original files from the FOMC Secretariat at the Board of Governors of the Federal Reserve System.

Please note that some material may have been redacted from this document if that material was received on a confidential basis. Redacted material is indicated by occasional gaps in the text or by gray boxes around non-text content. All redacted passages are exempt from disclosure under applicable provisions of the Freedom of Information Act.

Class II FOMC – Restricted (FR)

Report to the FOMC on Economic Conditions and Monetary Policy



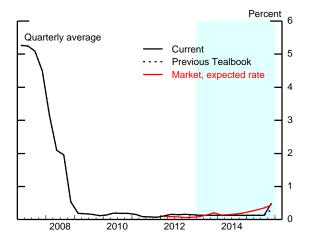
Book A

Economic and Financial Conditions: Current Situation and Outlook

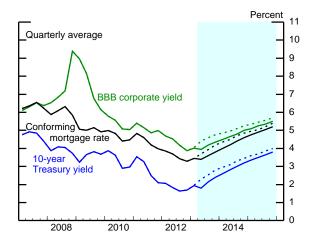
April 24, 2013

Key Background Factors underlying the Baseline Staff Projection

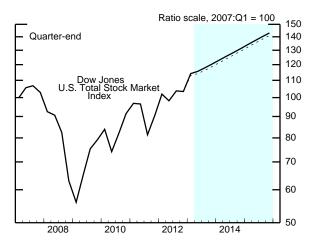
Federal Funds Rate



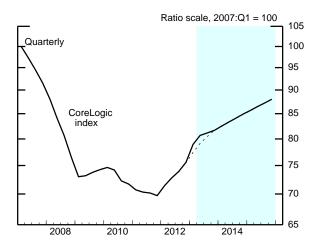
Long-Term Interest Rates



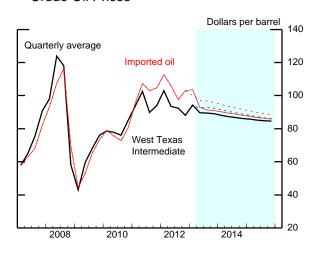
Equity Prices



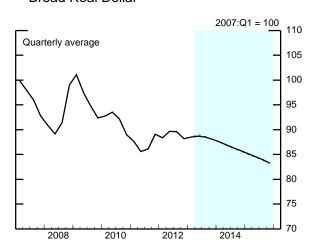
House Prices



Crude Oil Prices



Broad Real Dollar



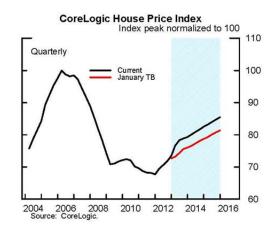
House Prices

The major national house price indexes, which are shown in the lower-left figure, have risen 6 to 11 percent since the beginning of 2012. The recovery of house prices has been broad based geographically, with 90 percent of local markets having experienced price gains over the year ending in February.

Both supply and demand factors have contributed to the rise in house prices over the past year. With regard to supply, a below-average number of homes have been on the market for sale, reflecting both the relatively low level of new home construction and a decrease in the flow of distressed properties being listed for sale. At the same time, historically low mortgage interest rates and improving macroeconomic conditions have strengthened the demand for housing. Moreover, in contrast to previous housing recoveries, demand has been supported by sizable purchases of homes among corporate investors using substantial cash financing and reportedly intending to rent out single-family homes on a large scale. Staff estimates suggest that these investors accounted for about one-half of last year's increase in home sales. Accordingly, the recent increases in house prices have occurred in an environment where access to mortgage credit has remained tight and aggregate mortgage lending has not expanded.

The bottom-right figure presents our current forecast for house prices, which has been revised up significantly since the January Tealbook in response to evidence that a more durable housing recovery has taken hold. We expect the strength in house prices to continue through the end of this year, resulting in an 8 percent increase for 2013 as a whole, but we expect the pace of appreciation to slow to about 4 percent per year in 2014 and 2015. Factors contributing to the projected deceleration include: (1) a reduction in housing affordability associated with the staff's projection that mortgage interest rates will rise to more than 5 percent by 2015, (2) an anticipated decline in corporate investor activity as higher house prices reduce the expected investment returns on housing, and (3) a projected rise in the pace of new construction. By the end of 2015, we expect nominal house prices to still be 15 percent below their 2006 peak.



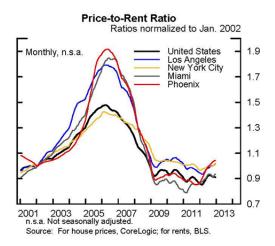


Among the many risks attending our house price forecast, we see two as particularly important. On the downside, the way in which the remaining inventory of seriously delinquent loans will be liquidated remains uncertain. In states with nonjudicial foreclosure processes, lenders have been able to complete large volumes of foreclosures and corporate investors have been quite willing to purchase foreclosed properties and rehabilitate them for the rental market. In contrast, an outsized "shadow" inventory remains in states requiring judicial foreclosure proceedings, and these properties could enter the market in the next year or two. If this inventory is released to the market faster than investors and other home buyers are willing to absorb it, the additional supply of homes for sale could exert significant downward pressure on house prices in those areas. On the upside, very tight mortgage underwriting is likely masking strong underlying demand for housing. If so, a faster-than-expected improvement in the availability of credit could accommodate much of this underlying demand, thereby boosting house prices more than in our baseline projection.

One additional risk to our house price forecast is that housing could be overvalued currently, in which case prices could fall below our projection even if fundamentals improve over the medium term. However, a nationwide measure of house prices relative to rents (shown in the bottom-left figure), which provides one measure of house prices relative to housing's current fundamental value, suggests no such overvaluation. This ratio plunged in 2007 and 2008 and has moved about sideways, on net, since then. Our forecasts for house prices and rents imply that the price-to-rent ratio will just edge up through the end of 2015, remaining near levels seen in the early 2000s.

Currently, rapid home price appreciation appears to be fairly localized, as nominal house prices have increased more than 10 percent in only about one in five large metro areas. Moreover, even in those markets where home prices have increased rapidly, the increases do not seem outsized with respect to rising nominal rents. Indeed, as shown in the bottom-right figure, price-to-rent ratios in markets with fast house price growth recently, such as Phoenix and Miami, have increased somewhat but remain close to the levels seen in the early 2000s.





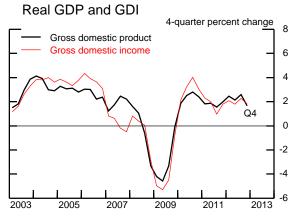
Summary of the Near-Term Outlook

(Percent change at annual rate except as noted)

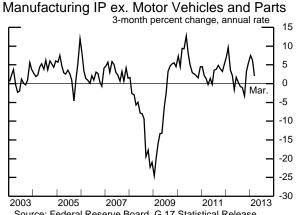
	201	12:Q4	201	13:Q1	2013:Q2	
Measure	Previous Tealbook	Current Tealbook	Previous Tealbook	Current Tealbook	Previous Tealbook	Current Tealbook
Real GDP	.6	.4	2.8	3.1	1.8	1.5
Private domestic final purchases	3.7	3.6	2.4	2.8	3.4	3.1
Personal consumption expenditures	2.0	1.8	2.1	2.8	2.5	2.3
Residential investment	17.8	17.6	17.7	16.4	22.8	22.0
Business fixed investment	12.8	13.2	.6	3	5.0	4.1
Government purchases	-6.8	-7.0	-1.1	-2.3	-4.6	-4.5
Contributions to change in real GDP						
Inventory investment ¹	-1.4	-1.5	1.1	1.4	5	5
Net exports ¹	.3	.3	.0	1	.3	.3
Unemployment Rate²	7.8	7.8	7.8	7.7	7.7	7.6
PCE Chain Price Index	1.5	1.6	1.1	.9	1.1	2
Ex. food and energy	.9	1.0	1.4	1.2	1.6	1.4

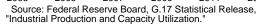
^{1.} Percentage points.

Recent Nonfinancial Developments (1)



Source: U.S. Dept. of Commerce, Bureau of Economic Analysis.

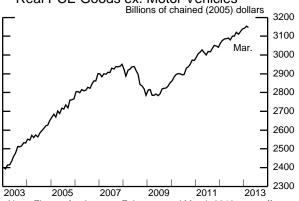




Sales and Production of Light Motor Vehicles



Real PCE Goods ex. Motor Vehicles



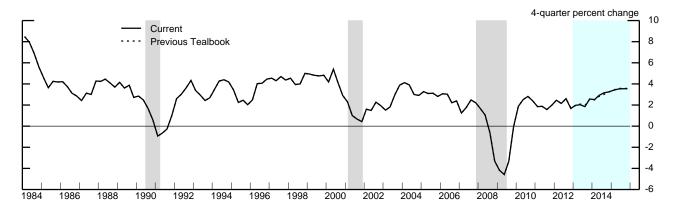
Note: Figures for January, February, and March 2013 are staff estimates based on available source data. Source: U.S. Dept. of Commerce, Bureau of Economic Analysis.

^{2.} Percent.

Projections of Real GDP and Related Components (Percent change at annual rate from final quarter of preceding period except as noted)

M	2012	2012	2013		2014	2015	
Measure	2012	2013	H1	H2	2014	2015	
Real GDP Previous Tealbook	1.7 1.7	2.6 2.5	2.3 2.3	2.8 2.8	3.2 3.2	3.5 3.6	
Final sales	2.1	2.2	1.9	2.6	3.1	3.7	
Previous Tealbook	2.1	2.3	2.0	2.6	3.0	3.7	
Personal consumption expenditures	1.8	2.8	2.6	3.0	3.5	3.8	
Previous Tealbook	1.9	2.5	2.3	2.6	3.3	3.7	
Residential investment	14.9	17.0	19.2	14.9	16.5	13.6	
Previous Tealbook	15.0	18.7	20.2	17.2	13.9	14.0	
Nonresidential structures	7.3	2.6	1	5.3	3.5	3.1	
Previous Tealbook	7.2	1.2	-4.2	7.0	3.3	3.1	
Equipment and software	4.7	5.5	2.6	8.5	6.1	6.0	
Previous Tealbook	4.7	6.4	5.7	7.2	5.6	6.3	
Federal purchases	-2.8	-7.4	-7.9	-6.8	-5.7	-3.9	
Previous Tealbook	-2.8	-5.4	-6.6	-4.1	-5.3	-3.4	
State and local purchases	-1.1	4	4	3	.0	1.1	
Previous Tealbook	-1.0	2	4	.0	.3	1.1	
Exports	2.1	4.3	5.1	3.6	5.3	6.8	
Previous Tealbook	2.1	4.3	4.9	3.7	5.4	6.9	
Imports	.2	3.9	3.8	4.1	4.7	5.0	
Previous Tealbook	.2	3.7	3.2	4.1	4.5	5.0	
	Contributions to change in real GDP (percentage points)						
Inventory change	4	.3	.4	.3	.2	2	
Previous Tealbook	4	.3	.3	.2	.2	2	
Net exports	.3	1	.1	2	1	.1	
Previous Tealbook	.3	.0	.1	2	.0	.1	

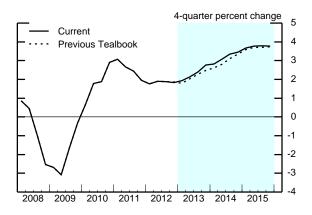
Real GDP



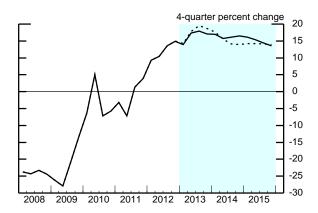
Note: The gray shaded bars indicate a period of business recession as defined by the National Bureau of Economic Research. Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Components of Final Demand

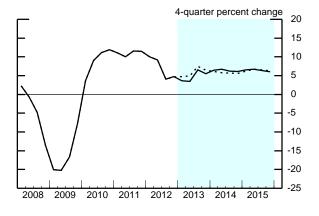
Personal Consumption Expenditures



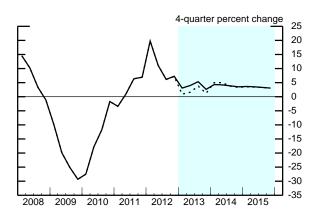
Residential Investment



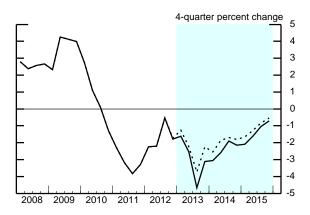
Equipment and Software



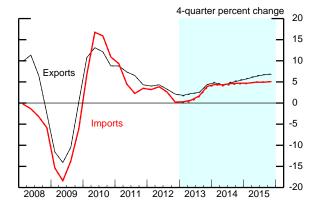
Nonresidential Structures



Government Consumption & Investment



Exports and Imports



Source: U.S. Department of Commerce, Bureau of Economic Analysis.

The Outlook for the Labor Market (Percent change from final quarter of preceding period at annual rate)

Measure	2012	2013	20	13	2014	2015
Measure	2012	2013	H1	H2	2014	2015
Output per hour, nonfarm business	.7	.9	.7	1.2	1.6	1.6
Previous Tealbook	.7	.9	.4	1.4	1.8	1.7
Nonfarm private employment ¹	189	170	166	175	220	265
Previous Tealbook	189	183	186	180	210	256
Labor force participation rate ²	63.7	63.5	63.5	63.5	63.4	63.4
Previous Tealbook	63.7	63.6	63.6	63.6	63.5	63.4
Civilian unemployment rate ²	7.8	7.4	7.6	7.4	6.9	6.2
Previous Tealbook	7.8	7.5	7.7	7.5	7.1	6.3

Source: U.S. Department of Labor, Bureau of Labor Statistics; staff assumptions.

Inflation Projections (Percent change at annual rate from final quarter of preceding period)

	2012	2013	20	13	2014	2015
Measure	2012		H1	Н2	2014	2015
PCE chain-weighted price index	1.6	1.0	.3	1.6	1.5	1.6
Previous Tealbook	1.6	1.3	1.1	1.5	1.5	1.6
Food and beverages	1.1	1.1	1.1	1.1	1.0	1.5
Previous Tealbook	1.1	1.9	2.3	1.4	1.1	1.5
Energy	3.2	-6.6	-14.2	1.6	3	7
Previous Tealbook	3.2	-3.7	-6.1	-1.3	-1.2	8
Excluding food and energy	1.5	1.5	1.3	1.6	1.7	1.8
Previous Tealbook	1.5	1.6	1.5	1.7	1.7	1.7
Prices of core goods imports ¹	.1	.5	.3	.6	1.6	1.6
Previous Tealbook	.1	1.0	1.1	1.0	1.5	1.6

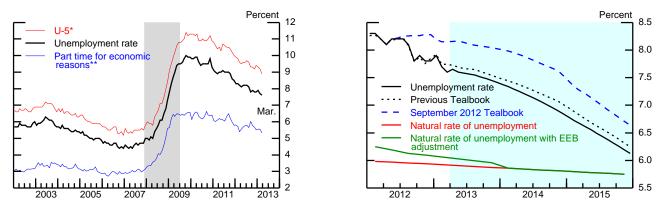
^{1.} Core goods imports exclude computers, semiconductors, oil, and natural gas.

Source: U.S. Dept. of Commerce, Bureau of Economic Analysis.

Thousands, average monthly changes.
 Percent, average for the final quarter in the period.

Labor Market Developments and Outlook

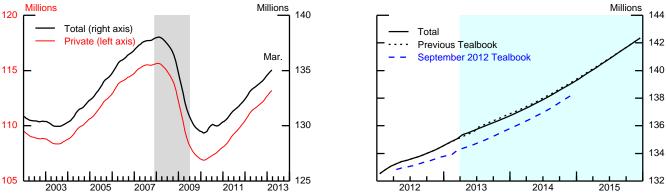
Measures of Labor Underutilization



^{*} U-5 measures total unemployed plus all marginally attached to the labor force, as a percent of the labor force plus persons marginally attached to the labor force.

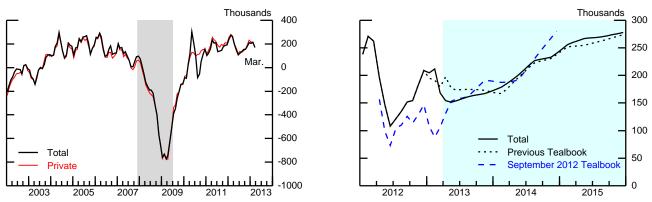
** Percent of Current Population Survey employment.
EEB Extended and emergency unemployment benefits.
Source: U.S. Department of Labor, Bureau of Labor Statistics.

Level of Payroll Employment*



^{* 3-}month moving averages in history; average levels in each quarter during the forecast period. Source: U.S. Department of Labor, Bureau of Labor Statistics.

Change in Payroll Employment*

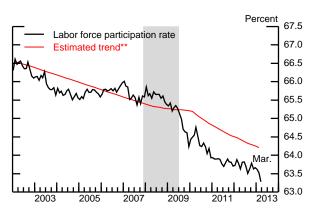


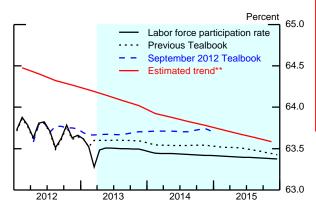
^{* 3-}month moving averages in history; average monthly changes in each quarter during the forecast period. Source: U.S. Department of Labor, Bureau of Labor Statistics.

Note: In September 2012, judgmental projections were prepared through 2015 for the Summary of Economic Projections variables, including the unemployment rate, while projections for other variables, including the labor force participation rate and payroll employment, were prepared only through 2014. This exhibit therefore reports a 2015 projection from the September 2012 Tealbook only for the unemployment rate.

Labor Market Developments and Outlook (2)

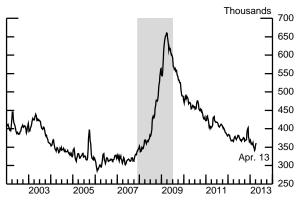
Labor Force Participation Rate*

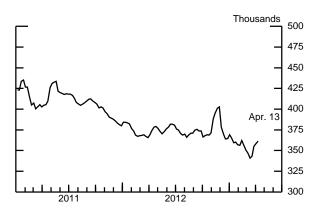




- * Published data adjusted by staff to account for changes in population weights.
 ** Includes staff estimate of the effect of extended and emergency unemployment benefits.
 Source: U.S. Department of Labor, Bureau of Labor Statistics; staff assumptions.

Initial Unemployment Insurance Claims*

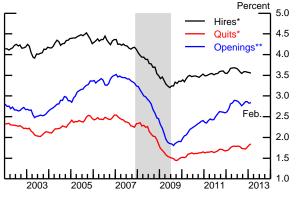


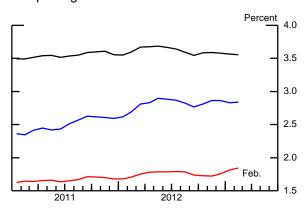


4-week moving average.

Source: U.S. Department of Labor, Employment and Training Administration.

Private Hires, Quits, and Job Openings

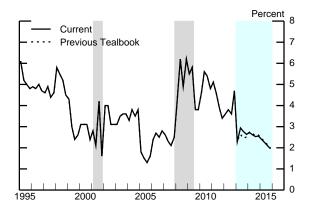




- * Percent of private nonfarm payroll employment, 3-month moving average.
- ** Percent of private nonfarm payroll employment plus unfilled jobs, 3-month moving average. Source: Job Openings and Labor Turnover Survey.

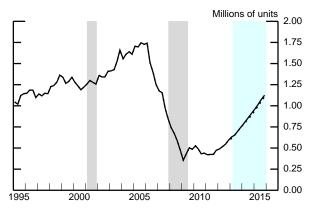
Aspects of the Medium-Term Projection

Personal Saving Rate



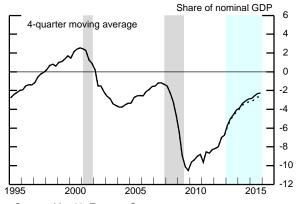
Source: U.S. Dept. of Commerce, Bureau of Economic Analysis.

Single-Family Housing Starts



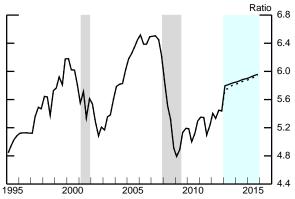
Source: U.S. Census Bureau.

Federal Surplus/Deficit



Source: Monthly Treasury Statement.

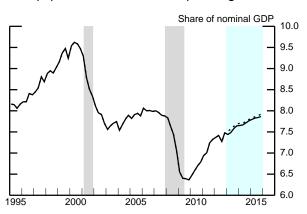
Wealth-to-Income Ratio



Note: Household net worth as a ratio to disposable personal income.

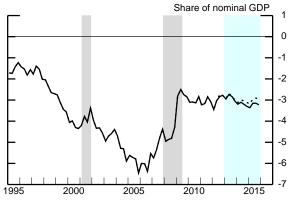
Source: For net worth, Federal Reserve Board, flow of funds data; for income, Dept. of Commerce, Bureau of Economic Analysis.

Equipment and Software Spending



Source: U.S. Dept. of Commerce, Bureau of Economic Analysis.

Current Account Surplus/Deficit



Source: U.S. Dept. of Commerce, Bureau of Economic Analysis.

Note: The gray shaded bars indicate a period of business recession as defined by the National Bureau of Economic Research.

Decomposition of Potential GDP

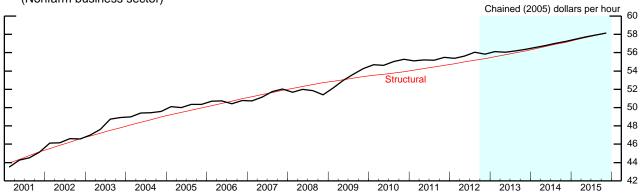
(Percent change, Q4 to Q4, except as noted)

Measure	1974- 1995	1996- 2000	2001- 2010	2011	2012	2013	2014	2015
Potential real GDP	3.0	3.4	2.2	1.5	1.8	1.9	2.1	2.1
Previous Tealbook	3.0	3.4	2.2	1.5	1.8	1.9	2.1	2.1
Selected contributions ¹ Structural labor productivity Previous Tealbook	1.4	2.6	2.1	1.3	1.4	1.5	1.7	1.8
	1.4	2.6	2.1	1.3	1.4	1.5	1.7	1.8
Capital deepening Previous Tealbook	.7	1.5	.7	.3	.4	.5	.6	.8
	.7	1.5	.7	.4	.5	.6	.7	.8
Multifactor productivity	.5	.8	1.2	.9	.9	.9	.9	.9
Previous Tealbook	.5	.8	1.2	.8	.8	.8	.9	.9
Structural hours	1.5	1.0	.6	.5	.6	.6	.6	.6
Previous Tealbook	1.5	1.0	.6	.5	.6	.6	.6	.6
Labor force participation	.4	.0	3	4	3	3	3	3
Previous Tealbook	.4	.0	3	4	3	3	3	3
Memo: GDP gap ² Previous Tealbook	-2.4 -2.4	1.9 1.9	-4.0 -4.2	-3.5 -3.8	-3.7 -3.9	-3.1 -3.3	-1.9 -2.2	6 8

Note: For multiyear periods, the percent change is the annual average from Q4 of the year preceding the first year shown to Q4 of the last year shown.

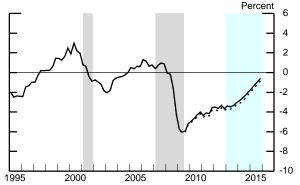
1. Percentage points.

Structural and Actual Labor Productivity (Nonfarm business sector)



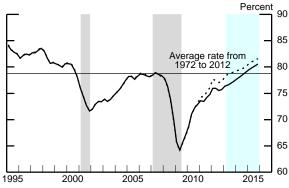
Source: U.S. Department of Labor, Bureau of Labor Statistics; Bureau of Economic Analysis; and staff assumptions.

GDP Gap



Note: The GDP gap is the percent difference between actual and potential GDP; a negative number indicates that the economy is operating below potential. Source: U.S. Dept. of Commerce, BEA; staff assumptions.

Manufacturing Capacity Utilization Rate



Source: Federal Reserve Board, G.17 Statistical Release, "Industrial Production and Capacity Utilization."

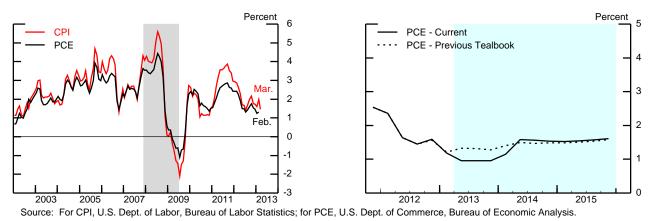
Note: The gray shaded bars indicate a period of business recession as defined by the National Bureau of Economic Research.

^{2.} Percent difference between actual and potential GDP in the final quarter of the period indicated. A negative number indicates that the economy is operating below potential.

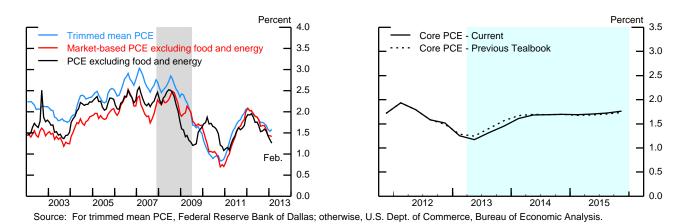
Inflation Developments and Outlook

(Percent change from year-earlier period)

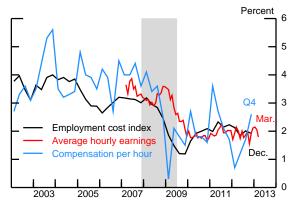
Headline Consumer Price Inflation

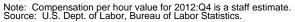


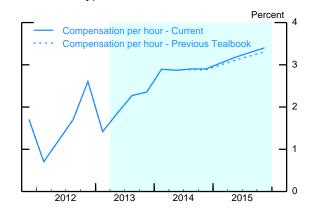
Measures of Underlying PCE Price Inflation



Labor Cost Growth (Private Industry)







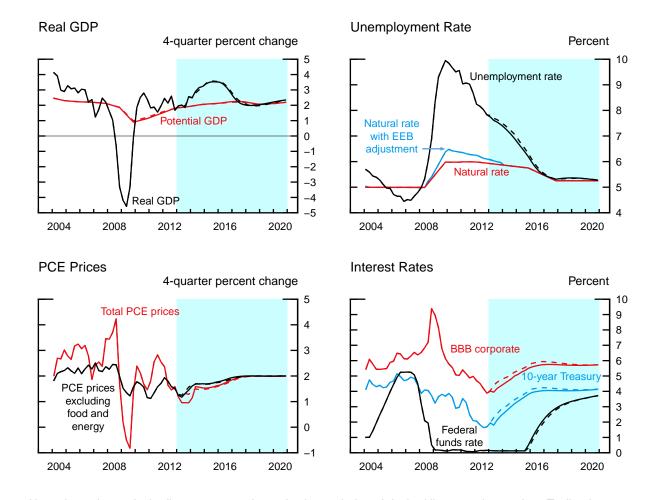
Domestic Econ Devel & Outlook

The Long-Term Outlook

(Percent change, Q4 to Q4, except as noted)

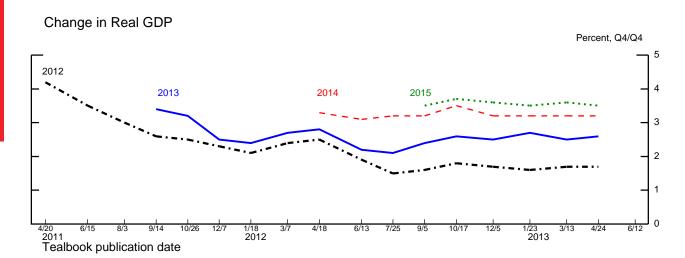
Measure	2013	2014	2015	2016	2017	Longer run
Real GDP	2.6	3.2	3.5	2.9	2.0	2.3
Previous Tealbook	2.5	3.2	3.6	3.0	2.1	2.3
Civilian unemployment rate ¹	7.4	6.9	6.2	5.5	5.3	5.2
Previous Tealbook	7.5	7.1	6.3	5.6	5.3	5.2
PCE prices, total	1.0	1.5	1.6	1.8	2.0	2.0
Previous Tealbook	1.3	1.5	1.6	1.8	2.0	2.0
Core PCE prices	1.5	1.7	1.8	1.9	2.0	2.0
Previous Tealbook	1.6	1.7	1.7	1.9	2.0	2.0
Federal funds rate ¹ Previous Tealbook	.1	.1	.5	2.0	2.9	4.0
	.1	.1	.3	1.8	2.8	4.0
10-year Treasury yield ¹	2.4	3.2	3.8	4.0	4.0	4.8
Previous Tealbook	2.8	3.5	4.0	4.2	4.2	4.8

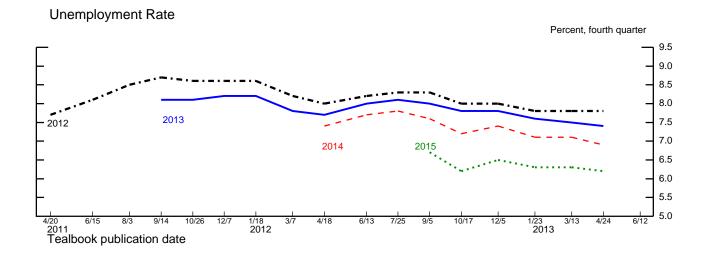
^{1.} Percent, average for the final quarter of the period.

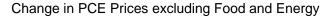


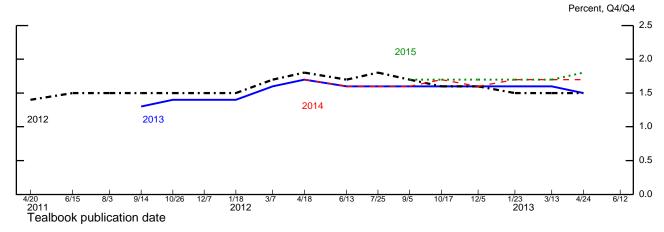
Note: In each panel, shading represents the projection period, and dashed lines are the previous Tealbook.

Evolution of the Staff Forecast









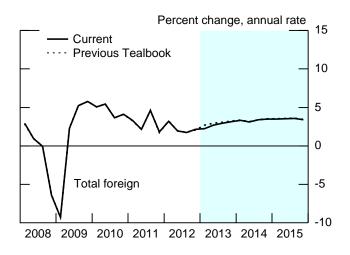
The Foreign Outlook

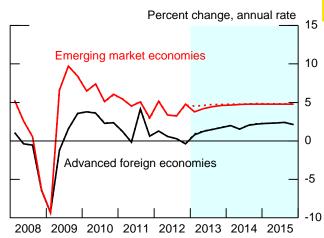
(Percent change, annual rate)

		2012			2013			
	H1	Q3	Q4	Q1	Q2	H2	2014	2015
Real GDP						•		
Total foreign	2.6	1.7	2.1	2.3	2.7	3.0	3.3	3.5
Previous Tealbook	2.6	1.8	2.1	2.7	2.9	3.2	3.4	3.5
Advanced foreign economies	.9	.3	4	.8	1.2	1.6	1.9	2.3
Previous Tealbook	.9	.3	4	.9	1.3	1.6	2.0	2.3
Emerging market economies	4.2	3.2	4.8	3.8	4.2	4.5	4.7	4.8
Previous Tealbook	4.3	3.3	4.6	4.5	4.6	4.7	4.8	4.8
Consumer Prices								
Total foreign	2.3	2.3	2.3	2.4	2.0	2.2	2.6	2.7
Previous Tealbook	2.3	2.4	2.3	2.2	2.2	2.3	2.6	2.6
Advanced foreign economies	1.4	.8	1.6	.9	1.1	1.2	1.7	1.9
Previous Tealbook	1.3	.9	1.6	.8	1.2	1.2	1.7	1.7
Emerging market economies	3.1	3.4	2.8	3.6	2.7	3.0	3.3	3.3
Previous Tealbook	3.0	3.5	2.8	3.2	2.9	3.1	3.3	3.3

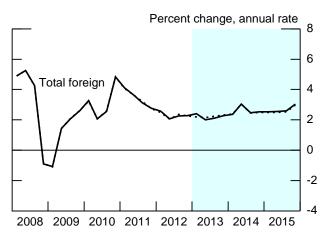
Note: Annualized percent change from final quarter of preceding period to final quarter of period indicated.

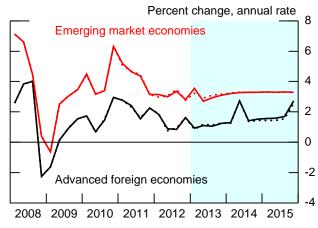
Real GDP





Consumer Prices

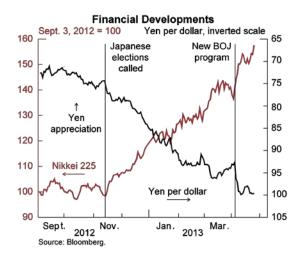


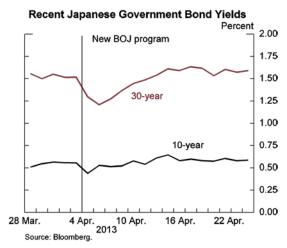


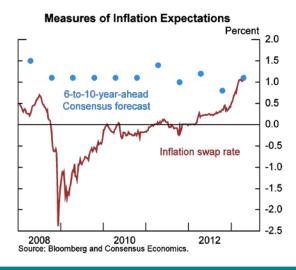
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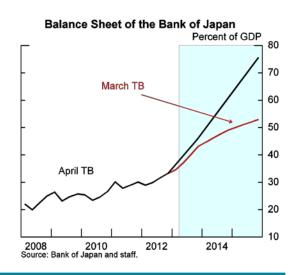
We considered two different approaches to gauge the effects of the BOJ's new program on inflation. First, we assumed that future asset purchases by the BOJ would have similar effects on inflation to those of the Fed's large-scale asset purchase program. In this case, inflation would rise slightly more than 1 percentage point. However, this exercise presumes that the term premium on 10-year JGBs declines 200 basis points, which seems questionable given the already low level of Japanese interest rates. Alternatively, we used the staff's SIGMA model to examine the effects of the improvements in Japanese financial conditions observed since mid-November. Specifically, we assumed a 25 percent real depreciation of the yen and a 50 percent increase in equity wealth, while leaving the term premium unchanged. The model predicts an increase in inflation of about 1½ percentage points over a year, largely owing to the effect of the lower yen on import prices. Although these estimates are necessarily tenuous, we take some comfort that both approaches yield broadly similar predictions.

Informed by these results, we now project that inflation—net of the effects of two planned consumption rate hikes—will gradually increase from about zero in early 2013 to 1¼ percent by the end of 2015. Likewise, the combination of monetary expansion and fiscal stimulus planned by the Abe administration pushes projected GDP growth to an annual average of 1½ percent over the 2013–15 period, compared with the just-below 1 percent pace we were anticipating late last year. This markup leads to a considerably more rapid narrowing of Japan's output gap.

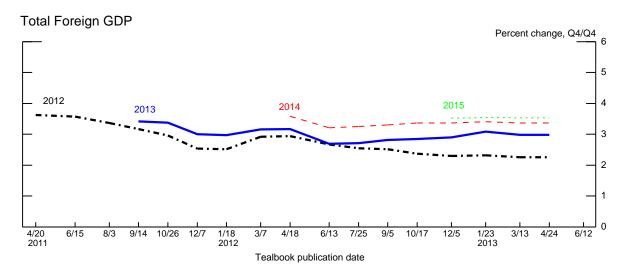


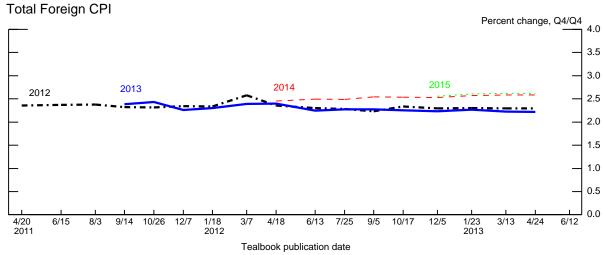


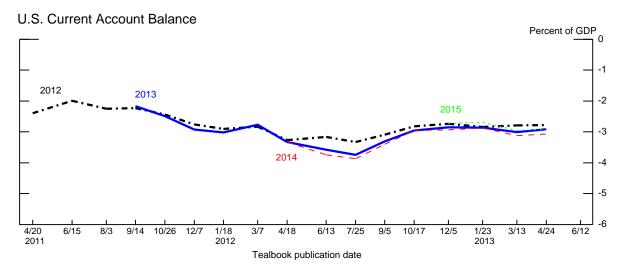




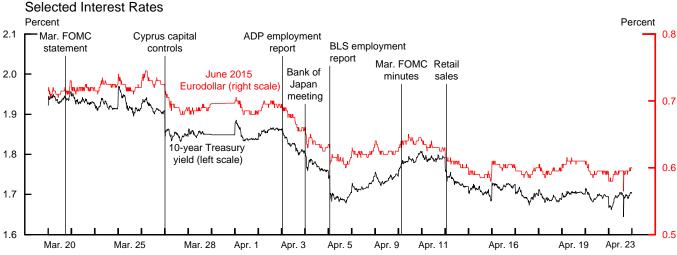
Evolution of Staff's International Forecast





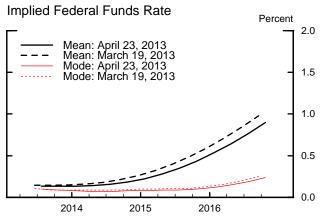


Policy Expectations and Treasury Yields



Note: 5-minute intervals. 8:00 a.m. to 4:00 p.m. No adjustments for term premiums.

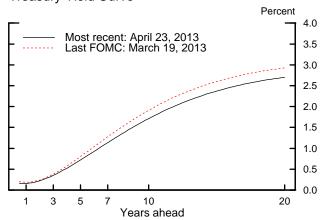
Source: Bloomberg.



Note: Mean is estimated using overnight index swap quotes. Mode is estimated from the distribution of federal funds rate implied by interest rate caps. Both include a term premium of zero basis points per month.

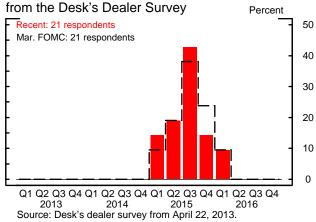
Source: Bloomberg and CME Group.

Treasury Yield Curve

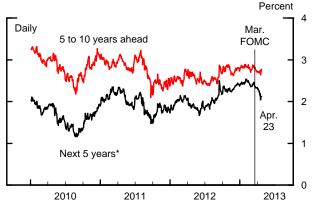


Note: Smoothed yield curve estimated from off-the-run Treasury coupon securities. Yields shown are those on notional par Treasury securities with semiannual coupons. Source: Federal Reserve Board.

Distribution of Modal Timing of First Rate Increase



Inflation Compensation



Note: Estimates based on smoothed nominal and inflation-indexed Treasury yield curves.

* Adjusted for the indexation-lag (carry) effect. Source: Barclays PLC and staff estimates.

Alternative Scenarios

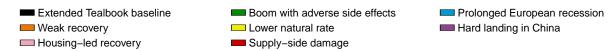
(Percent change, annual rate, from end of preceding period except as noted)

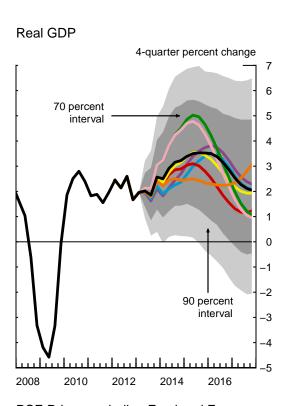
Measure and scenario	20)13	2014	2015	2016-
Measure and scenario	H1	H2	2014	2013	17
Real GDP		•		•	•
Extended Tealbook baseline	2.3	2.8	3.2	3.5	2.4
Weak recovery	2.2	2.6	2.4	2.3	2.6
Housing-led recovery	2.5	3.5	4.4	4.3	1.5
Boom with adverse side effects	2.5	3.5	4.5	4.6	1.7
Lower natural rate	2.3	2.7	3.1	3.4	2.1
Supply-side damage	2.3	2.6	2.9	2.8	1.3
Prolonged European recession	2.2	2.2	2.3	3.4	2.5
Hard landing in China	2.2	2.0	2.7	3.7	2.7
Unemployment rate ¹					
Extended Tealbook baseline	7.6	7.4	6.9	6.2	5.3
Weak recovery	7.6	7.4	7.2	7.0	6.0
Housing-led recovery	7.6	7.3	6.2	5.0	5.0
Boom with adverse side effects	7.6	7.3	6.2	4.9	4.6
Lower natural rate	7.6	7.2	6.7	5.9	5.5
Supply-side damage	7.6	7.3	6.5	5.7	5.6
Prolonged European recession	7.6	7.5	7.3	6.8	5.8
Hard landing in China	7.6	7.5	7.3	6.6	5.5
Total PCE prices					
Extended Tealbook baseline	.3	1.6	1.5	1.6	1.9
Weak recovery	.3	1.4	1.2	1.3	1.6
Housing-led recovery	.3	1.6	1.6	1.8	2.2
Boom with adverse side effects	.4	1.8	1.8	2.0	2.6
Lower natural rate	.3	1.5	1.4	1.5	1.8
Supply-side damage	.3	1.6	1.5	1.6	1.8
Prolonged European recession	.2	1.1	1.1	1.3	1.8
Hard landing in China	.0	.7	1.1	1.6	2.0
Core PCE prices					
Extended Tealbook baseline	1.3	1.6	1.7	1.8	2.0
Weak recovery	1.3	1.4	1.4	1.5	1.7
Housing-led recovery	1.3	1.6	1.8	2.0	2.3
Boom with adverse side effects	1.4	1.8	2.0	2.2	2.7
Lower natural rate	1.3	1.5	1.6	1.7	1.9
Supply-side damage	1.3	1.6	1.7	1.8	1.9
Prolonged European recession	1.3	1.4	1.4	1.6	1.9
Hard landing in China	1.3	1.3	1.4	1.7	2.0
Federal funds rate ¹					
Extended Tealbook baseline	.1	.1	.1	.5	2.9
Weak recovery	.1	.1	.1	.1	.8
Housing-led recovery	.1	.1	.2	2.5	4.3
Boom with adverse side effects	.1	.1	.3	2.8	5.2
Lower natural rate	.1	.1	.1	1.1	2.8
Supply-side damage	.1	.1	.1	1.8	3.0
Prolonged European recession	.1	.1	.1	.1	2.3
Hard landing in China	.1	.1	.1	.1	2.6

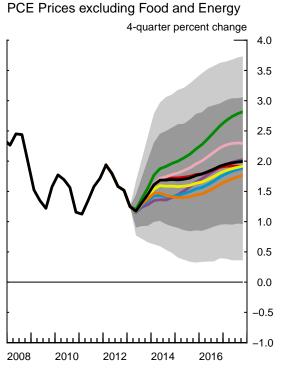
^{1.} Percent, average for the final quarter of the period.

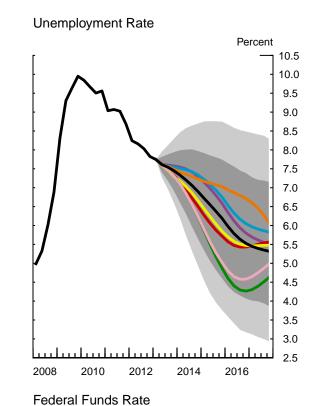
Forecast Confidence Intervals and Alternative Scenarios

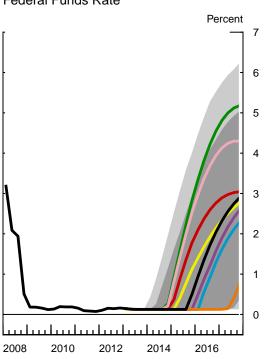
Confidence Intervals Based on FRB/US Stochastic Simulations











Selected Tealbook Projections and 70 Percent Confidence Intervals Derived from Historical Tealbook Forecast Errors and FRB/US Simulations

Measure	2013	2014	2015	2016	2017
Real GDP					
(percent change, Q4 to Q4)					
Projection	2.6	3.2	3.5	2.9	2.0
Confidence interval					
Tealbook forecast errors	1.3–3.8	1.3-5.2			
FRB/US stochastic simulations	1.3–4.0	1.4–5.4	1.1–5.5	.1–5.0	4–4.9
Civilian unemployment rate					
(percent, Q4)					
Projection	7.4	6.9	6.2	5.5	5.3
Confidence interval					
Tealbook forecast errors	6.9–7.9	6.1 - 7.7			
FRB/US stochastic simulations	6.9–7.9	5.6-8.0	4.6–7.7	4.1–7.4	3.9–7.1
PCE prices, total					
(percent change, Q4 to Q4)					
Projection	1.0	1.5	1.6	1.8	2.0
Confidence interval					
Tealbook forecast errors	.2–1.7	.3-2.8			
FRB/US stochastic simulations	.2–1.8	.6–2.7	.5–2.8	.6–3.1	.8–3.2
PCE prices excluding					
food and energy					
(percent change, Q4 to Q4)					
Projection	1.5	1.7	1.8	1.9	2.0
Confidence interval					
Tealbook forecast errors	1.0–1.9	1.0-2.4			
FRB/US stochastic simulations	.9–2.0	.9–2.6	.9–2.8	1.0-3.0	1.0-3.1
Federal funds rate					
(percent, Q4)					
Projection	.1	.1	.5	2.0	2.9
Confidence interval					
FRB/US stochastic simulations	.1–.1	.1–1.2	.1–2.9	.1–4.3	.4–5.0

Note: Shocks underlying FRB/US stochastic simulations are randomly drawn from the 1969–2012 set of model equation residuals.

Intervals derived from Tealbook forecast errors are based on projections made from 1979–2012, except for PCE prices excluding food and energy, where the sample is 1981–2012.

^{...} Not applicable. The Tealbook forecast horizon has typically extended about 2 years.

Alternative Projections (Percent change, Q4 to Q4, except as noted)

	20	12	20	13	20	14	
Measure and projection	Previous	Current	Previous	Current	Previous	Current	
	Tealbook	Tealbook	Tealbook	Tealbook	Tealbook	Tealbook	
Real GDP Staff FRB/US EDO Blue Chip	1.7	1.7	2.5	2.6	3.2	3.2	
	1.7	1.7	1.8	1.9	2.3	2.4	
	1.7	1.7	3.0	3.3	3.0	3.0	
	1.6	1.7	2.3	2.4	2.8	2.9	
Unemployment rate ¹ Staff FRB/US EDO Blue Chip	7.8	7.8	7.5	7.4	7.1	6.9	
	7.8	7.8	7.8	7.8	7.7	7.7	
	7.8	7.8	7.5	7.4	7.3	7.2	
	7.8	7.8	7.6	7.5	7.1	7.0	
Total PCE prices Staff FRB/US EDO Blue Chip ²	1.6	1.6	1.3	1.0	1.5	1.5	
	1.6	1.6	1.1	.7	1.0	1.0	
	1.6	1.6	1.3	1.1	1.5	1.4	
	1.9	1.9	1.9	2.0	2.2	2.2	
Core PCE prices Staff FRB/US EDO Blue Chip	1.5	1.5	1.6	1.5	1.7	1.7	
	1.5	1.5	1.4	1.3	1.2	1.2	
	1.5	1.5	1.4	1.2	1.5	1.4	
Federal funds rate ¹ Staff FRB/US EDO Blue Chip ³	.2	.2	.1	.1	.1	.1	
	.2	.2	.1	.1	.1	.1	
	.2	.2	1.0	.9	1.9	1.8	
	.1	.1	.1	.1	.3	.3	

Note: Blue Chip forecast completed on April 10, 2013.

1. Percent, average for Q4.

2. Consumer price index.

3. Treasury bill rate.

... Not applicable. The Blue Chip forecast typically extends about 2 years.

Risks & Uncertainty

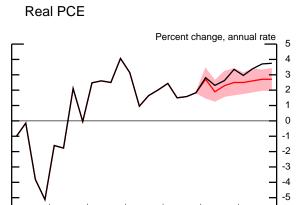
Tealbook Forecast Compared with Blue Chip (Blue Chip survey released April 10, 2013)

-8

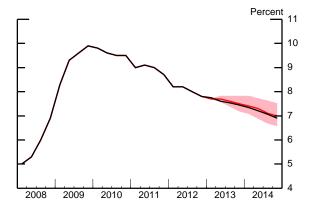
Real GDP Percent change, annual rate 8 6 0 -2 Blue Chip consensus Staff forecast -6

Note: The shaded area represents the area between the Blue Chip top 10 and bottom 10 averages.

2011

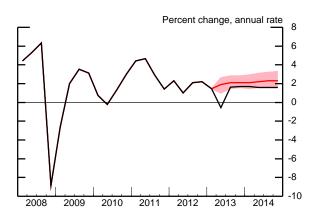


Unemployment Rate

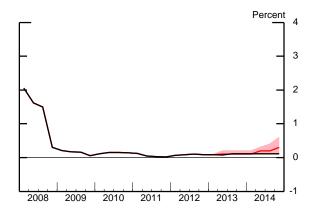


Consumer Price Index

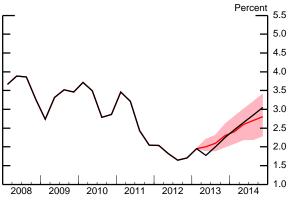
2009



Treasury Bill Rate



10-Year Treasury Yield



Note: The yield is for on-the-run Treasury securities. Over the forecast period, the staff's projected yield is assumed to be 15 basis points below the off-the-run yield.

Risks & Uncertainty

Assessment of Key Macroeconomic Risks (1)

Probability of Inflation Events

(4 quarters ahead—2014:Q1)

Probability that the 4-quarter change in total PCE prices will be	Staff	FRB/US	EDO	BVAR
Greater than 3 percent Current Tealbook Previous Tealbook	.03	.01	.10	.06
	.05	.03	.11	.06
Less than 1 percent Current Tealbook Previous Tealbook	.42	.57	.32	.18
	.30	.43	.30	.17

Probability of Unemployment Events

(4 quarters ahead—2014:Q1)

Probability that the unemployment rate will	Staff	FRB/US	EDO	BVAR
Increase by 1 percentage point				
Current Tealbook	.02	.06	.19	.01
Previous Tealbook	.02	.06	.19	.02
Decrease by 1 percentage point				
Current Tealbook	.17	.04	.24	.20
Previous Tealbook	.15	.04	.25	.16

Probability of Near-Term Recession

Probability that real GDP declines in each of 2013:Q2 and 2013:Q3	Staff	FRB/US	EDO	BVAR	Factor Model
Current Tealbook	.03	.06	.04	.03	.16
Previous Tealbook	.04	.06	.05	.03	.11

Note: "Staff" represents Tealbook forecast errors applied to the Tealbook baseline; baselines for FRB/US, BVAR, EDO, and the factor model are generated by those models themselves, up to the current-quarter estimate. The current quarter is taken as data from the staff estimate for the second Tealbook in each quarter, otherwise the preceding quarter is taken as the latest historical observation.

Greensheets

Changes in GDP, Prices, and Unemployment (Percent, annual rate except as noted)

Nomina 13/13	inal GDP	Real	Real GDP	PCE pr	PCE price index	Core PCE	Core PCE price index	Unemployment rate	ment rate ¹
03/13/13 04/24/13 03/13/13	03/13/	13	04/24/13	03/13/13	04/24/13	03/13/13	04/24/13	03/13/13	
	31.2	0.6.1.3	2.0 1.3 3.1 4.	2.5 7. 1.6 1.5	2.5 .7 1.6	2.2 1.7 1.1	2.2 1.7 1.1 1.0	8.2 8.2 7.8 7.8	
4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 6.4		2.8 1.8 2.7 3.0	3.1 1.5 2.4 3.2	1.1 1.1 1.6 1.4	.9 2 1.6 1.6	1.4 1.6 1.7	1.2 1.4 1.7 1.6	7.8 7.7 7.6 7.5	
		2.6 3.0 3.7	2.9 3.1 3.4 3.5	1.6 1.5 1.5 1.4	1.6 1.5 1.5 1.5	1.8 1.7 1.7 1.6	1.8 1.7 1.7	7.4 7.3 7.2 7.1	7.3 7.2 7.1 6.9
3.5 3.6		1.6	1.6	1.6	1.6	2.0	2.0	 4.	i i
3.8 3.3 2 4.3 4.6 2	22	ω∞.	2.3	1.1	.3	1.5	1.3		
		æ 9	3.0	1.5	1.6	1.7	1.7	5.5.	7.7
4.0 4.0 2 3.6 3.5 1 4.0 3.9 2 4.8 4.9 3 5.2 5.2 3	2-266	2.0 3.2 3.6 3.6	2.0 2.6 3.2 3.5 3.5	2.5 1.6 1.3 1.5	2.5 1.6 1.0 1.5 1.5	1.7 1.5 1.6 1.7	1.7 1.5 1.5 1.7 1.8	8. <i>v. v.</i> 4. 8.	8
4.0 4.0 1.8 4.1 4.0 2.2 3.7 3.5 2.1 4.4 4.6 2.9	- 222	82-16	2.2 2.2 2.1 2.9	2.1.8 4.2.1.3 5.1.3	2.4 1.8 1.0	1.1 1.1 1.1	1.4 1.3 1.7	8.9 8.1 7.7 7.3	8.9 8.1 7.6 7.1
5.2	3	v.	3.5	1.5	1.6	1.7	1.7	9.9	6.5

^{1.} Level, except for two-quarter and four-quarter intervals.

2. Percent change from two quarters earlier; for unemployment rate, change is in percentage points.

3. Percent change from four quarters earlier; for unemployment rate, change is in percentage points.

Changes in Real Gross Domestic Product and Related Items
(Percent, annual rate except as noted)

	20151	3.5	8.8.4.4 7.7.4.4	3.3.0 3.20 3.20 3.20	13.6 14.0	5.2 5.4 6.0 6.3 3.1 3.1	-390 -377 6.8 5.0	& 4 & 1 7. 0 6 6 6 1	70 73 68 1
	20141	3.2	3.1 3.0 4.2 3.9	3.5 3.3 9.0 2.7 2.8	16.5	5.3 6.1 5.6 3.5 3.3	-399 -389 5.3 4.7	-2.1 -1.8 -5.7 -6.6 -4.1	78 74 73 5
	20131	2.6	33.22 35.22 35.25	2.5 2.2 2.2 2.2	17.0	7.4 4.9 6.5 6.4 1.2	-387 -383 4.3 3.9	-3.1 -2.2 -7.4 -7.9 -6.3	56 51 49 7
	20121	1.7	2.1 2.1 2.6 2.7	8.1 9.3 8.3 1.1	14.9 15.0	2.8.4.4.1.1.4.4.1.1.1.1.1.1.1.1.1.1.1.1.1	-401 -401 -2.1	-1.8 -2.8 -5.0 -5.1 -1.1	43 44 11-
	Q4	3.5	3.6 3.5 4.3 8.3	3.8 3.7 8.9 3.0 3.1	15.3	6.3 6.1 7.3 7.0 4.0	-398 -387 6.2 4.7	7.1.7 -1.3 -4.8 -5.6 -3.5	79 82 74 5
14	Q3	3.5	8.8.4.4 4.4.8.4.	3.7 3.8 9.0 3.0 3.0	17.3 14.4	6.1 6.0 7.1 6.9 3.9	-401 -389 5.6 4.8	-2.2 -1.7 -5.9 -6.4 -5.1 .0	81 74 76 5
201	Q2	3.1	2.9 2.9 4.0 3.7	3.2 3.2 7.2 7.2 7.2	17.0 14.4	4.6 4.0 4.3 4.3 3.5 8.3 8.3	-399 -388 4.6 3.9	-2.5 -1.8 -6.6 -7.4 -5.1	80 73 75 5
	Q1	2.9	2.4 3.6 3.2	3.0 2.7 9.0 2.1 2.2	16.3 13.4	4.8. 4.4. 4.9.9. 4.5. 8.8. 5.4.	-399 -390 4.8 5.2	-2.1 -2.4 -5.5 -7.0 -2.7	73 67 68 5
	Q4	3.2	3.2 2.8 3.6 3.6	2.7 2.3 2.5 2.7	14.0 14.4	7.0 6.7 7.7 7.1 5.2 5.6	-392 -387 4.5 4.6	7 8 -1.4 -2.9 1.5	59 54 52 7
113	Q3	2.4 2.7	2.0 2.4 3.7 3.7	2.6 2.5 7.9 1.7 2.1	15.8 20.1	8.2 7.6 9.3 7.3 8.5 8.5	-387 -383 2.7 3.6	-4.9 -2.3 -11.9 -12.6 -10.7	58 48 51 7
201	Q2	1.5	2.0 2.3 3.1 3.4	2.3 2.3 2.3 1.9	22.0 22.8	1.4.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.	-380 -376 7.2 4.2	-4.5 -4.6 -10.8 -10.1 -11.9	44 7 7 7
	Q1	3.1	1.8 1.7 2.8 2.4	2.8 2.1 2.3 2.3 2.3	16.4	3 .6 1.1 5.7 -3.8	-389 -387 3.0 3.3	-2.3 -1.1 -4.9 -5.7 -3.3	61 58 54 7
	Q4	4. 6.	1.9 2.0 3.6 3.7	1.8 2.0 13.6 .1	17.6	13.2 12.8 11.8 11.4 16.7	-385 -385 -2.8 -4.2	-7.0 -6.8 -14.8 -22.1 1.7	13 18 35 -15
2012	Q3	3.1	2.2. 4.4. 2.1. 2.1.	1.6 1.6 8.9 1.2 .6	13.5	-1.8 -1.8 -2.6 -2.6 .0	-395 -395 1.9 6	3.9 3.9 5.5 3.0 3.0	60 60 88 -19
	Q2	1.3	1.7 1.9 1.9	1.5 1.5 2 .6 2.1	8.5 8.5	6.6. 4.4. 6.8.8. 6.6	-407 -407 5.3 2.8	7 7 7 7 1.0	41 41 53 8-
	Item	Real GDP Previous Tealbook	Final sales Previous Tealbook Priv. dom. final purch. Previous Tealbook	Personal cons. expend. Previous Tealbook Durables Nondurables Services	Residential investment Previous Tealbook	Business fixed invest. Previous Tealbook Equipment & software Previous Tealbook Nonres. structures Previous Tealbook	Net exports ² $Previous Tealbook^2$ Exports Imports	Gov't. cons. & invest. Previous Tealbook Federal Defense Nondefense State & local	Change in bus. inventories ² Previous Tealbook ² Nonfarm ² Farm ²

1. Change from fourth quarter of previous year to fourth quarter of year indicated. 2. Billions of chained (2005) dollars.

Greensheet

Changes in Real Gross Domestic Product and Related Items (Change from fourth quarter of previous year to fourth quarter of year indicated, unless otherwise noted)

Item	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Real GDP Previous Tealbook	2.2 4.4.	2.2	-3.3 -3.3	<u>-: -:</u>	2.2 4.4	2.0	1.7	2.5	3.2	3.5
Final sales Previous Tealbook Priv. dom. final purch. Previous Tealbook	2.2.2.2. 8.8.4.4.	2.2. 4.4. 2.1. 2.1.	-2.6 -2.6 -4.5 -4.5	5 -2.8 -2.8	1.7 1.7 3.2 3.2	1.7 1.7 2.9 2.9	2.1 2.1 2.6 2.7	22 8 8 26 8 8	3.1 3.0 4.2 3.9	6.6. 4.4. 7. 4.4.
Personal cons. expend. Previous Tealbook Durables Nondurables Services	3.2 3.2 7.0 2.9 2.6	1.7 1.7 1.8 8.1 1.4	-2.5 -2.5 -13.0 -3.1	3 3 3.0 -1.1	2.9 2.9 9.5 3.0 1.9	1.9 6.1 6.1 4.1 7.1	8.1 9.3 9.3 1.1	22.7 22.2 22.2 22.2	3.5 3.3 2.7 2.8	3.8 3.7 3.0 3.2
Residential investment Previous Tealbook	-15.7 -15.7	-20.7 -20.7	-24.4 -24.4	-13.3 -13.3	-5.7 -5.7	3.9 3.9	14.9 15.0	17.0 18.7	16.5 13.9	13.6 14.0
Business fixed invest. Previous Tealbook Equipment & software Previous Tealbook Nonres. structures Previous Tealbook	7.8 7.8 6.0 6.0 13.0	7.9 7.9 3.9 3.9 17.3 17.3	-9.4 -9.4 -13.6 -1.2 -1.2	-15.7 -15.7 -7.8 -7.8 -29.4	7.7 7.7 11.9 11.9 -1.8	10.2 10.2 11.4 11.4 6.9 6.9	2.2.44 L.L. &.C.	7.4 4.9 5.5 6.4 4.0 1.2 6.1 1.2	5.3 6.1 6.1 3.5 3.3	5.2 6.0 6.3 3.1 3.1
$egin{aligned} & \operatorname{Aports}^1 \\ & \operatorname{Previous} \operatorname{Tealbook}^1 \\ & \operatorname{Exports} \\ & \operatorname{Imports} \end{aligned}$	-729 -729 10.2 4.1	-649 -649 10.1	-495 -495 -2.5 -5.9	-355 -355 .3 -6.1	-420 -420 8.8 10.9	-408 -408 4.3 3.5	-401 -401 2.1	-387 -383 4.3 3.9	-399 -389 5.3 4.7	-390 -377 6.8 5.0
Gov't. cons. & invest. Previous Tealbook Federal Defense Nondefense State & local	2.2 4.2.2 2.1 2.1 2.1	1.9 3.1 4.2 1.2 1.2	2.7.7 7.8.8 6.8.8 9	6.0 6.1 7.2 7.2 3.3	-1.3 2.3 2.3 1.0 5.2 -3.6		-1.8 -2.8 -5.0 -5.0 -1.1	-3.1 -2.2 -7.4 -7.9 -6.3	-2.1 -1.8 -5.7 -6.6 -4.1	 .3.9 .4.2 .3.5 .1.1
Change in bus. inventories ¹ Previous Tealbook ¹ Nonfarm ¹ Farm ¹	59 59 63 -4	28 28 29 -1	-36 -36 -38 1	-139 -139 -138 -1	51 51 58 -6	31 31 36 4	43 44 60 -111	56 51 49 7	78 74 73 5	70 73 68 1

1. Billions of chained (2005) dollars.

Greensheets

Contributions to Changes in Real Gross Domestic Product (Percentage points, annual rate except as noted)

	20151	3.5	8.8.7. 7.8.8.7.7.	2.7 2.6 7. 2.5 1.5	n'i n'i	666001	1. 1. 6. 6.		2
	20141	3.2	3.1 3.0 3.5 3.3	2.2. 4.4. r. 4.8.1	<i>i</i> 4	60,04.	 0. 7.	4.6.4.6.1.0	4440
	20131	2.6	22.2.2.2.2.2.2.8.2.8.3.2.8.3.2.8.3.2.3.2	2.0 1.8 .6 .4	4. <i>i</i> .	vi vi 4 vi 1 0	1 .0 6		& & ± 5
	20121	1.7	2.1 2.2 2.2 2.2	1.3 1.3 6. 1. 5.	wi wi	ō ư ư ư ư 14	w w w 0	4. c.	4 4 1
	94	3.5	3.5 3.8 3.7	2.7 2.6 .7 .5 1.5	۸ ⁵ 4	<i>L</i>		£5 £5 1:0	0.600
14	63	3.5	2.8.8.4.4.8.7.8.8.7.8.8.7.8.8.9.9.9.9.9.9.9.9.9.9	2.6 2.7 7. 5.1 1.4	<i>i</i> 4	F 6 8 8 1 - 1	⊙⊙∞∞'	4. 6. 4. 6. 1. 0.	0. 1. 0. 0.
201	Q2	3.1	2.9 2.9 3.4 3.1	2.3 7. 7. 4. 1.3	<i>i</i> 4	٧ ٠ ٠ ٠ ٠ ٠ ٠ ٠ ٠ ٠ ٠ ٠ ٠ ٠ ٠ ٠ ٠ ٠ ٠ ٠	0. 0. 6. 7	4.6.4.6.1.0	5.5.50
	01	2.9	2.4 2.1 3.0 2.7	2.1 1.9 7. 3	<i>i</i> 0 4	444611	5	4. 4. 4. E. I. O.	4 4 6 L
	94	3.2	3.2 3.5 3.0	2.4 1.9 7. 7.	4.4.	L'L' 8'2' 4'4	5	<u></u>	0.2.0.0.
13	Q3	2.4	2.0 2.4 3.1 3.1	1.9 1.8 3. 3. 1.0	4. <i>i</i> .	8 8 4 v v vi vi vi	4 . 6	6. 4. 6. 6. 0. 0.	<i>z</i> ; <i>z</i> ; <i>o</i> :
2013	Q2	1.5	2.0 2.2 2.6 2.8	1.6 8.1 8.4.4.6	s. 6.	4 % % 4	3.3 .3 .7.	e. e. 8. 7. 6. 0.	5 6 0.
	Q1	3.1	1.8 1.7 2.4 2.0	2.0 1.5 5. 4.	4.4.	0. 1. 1. 4. 1. 4.	1 0. 4. 6	4.5.4.6.1.1	1.1 1.1 7.
	40	4. 0.	1.9 2.0 3.0 3.0	£.1 1.0 0.0 £.	4.4.	£ 5 8 8 8 4 4	ώ ω΄ 4 ' Γ΄	4.1. 4.1. 5.1. 0. 0.	5.1- 4.1- 7.1- 1.
2012	03	3.1	2.2.4 2.4.4 1.3 1.3	1.1 7.7 7.3 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5	ú ú	44400	4 4 w -	% % <i>L</i> 6 1 0	7. 7. 1.1 4
	Q2	1.3	1.7 1.6 1.6	1.1 0. 1.0	44	44460	4444		¿; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;
	Item	Real GDP Previous Tealbook	Final sales Previous Tealbook Priv. dom. final purch. Previous Tealbook	Personal cons. expend. Previous Tealbook Durables Nondurables Services	Residential investment Previous Tealbook	Business fixed invest. Previous Tealbook Equipment & software Previous Tealbook Nonres. structures Previous Tealbook	Net exports $Previous\ Tealbook$ Exports Imports	Gov't. cons. & invest. Previous Tealbook Federal Defense Nondefense State & local	Change in bus. inventories Previous Tealbook Nonfarm Farm

1. Change from fourth quarter of previous year to fourth quarter of year indicated.

Changes in Prices and Costs (Percent, annual rate except as noted)

GDP chain-wt. price index Previous Tealbook Previous Tealbook Frod F	0.1 0.1 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	<u>'</u>	7. 1. 1. 1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.				, 	- -				
.7 .7 .13.6 1 .13.6 1 .7 .7	6.1. 6.9. 6.9. 6.0. 6.0. 6.0. 6.0.	•				\dashv	1	-			1.6	1.6
lbook .7 1.7 1	8. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.				1.6	1.6 1.6 1.6 1.6 1.6 1.8 8.8 8.8 8.8 8.8 8.8 8.8 8.8 8.8 8.8	5.1 5.1 5.1 5.1 7 4 7 6.1 6.1	5 1.5 77 7 -1.0 1.2	33.2	1.0 1.3 -6.6 -3.7	1.5	1.6 1.6 77 88
ulbook gy, market based Tealbook				1.9 1 1.7 1 1.7 1 1.6 1 1.6 1							1.1 1.7 1.6 1.6	1.5 1.8 1.7 1.6 1.6
I.1 1.0 2.1 Ex. food & energy 2.4 1.6 Previous Tealbook 2.4 1.6	2.2 1.7 1.7	2.1 2.1 2.1									1.6 1.5 1.9 1.9	1.7 1.6 2.0 1.9
ECI, hourly compensation ² $2.1 1.7$ $Previous Tealbook^2$ $2.1 1.7$	2.1	2:2	2.2. 4.4.	2.5 2 2 2	2.5	2.7 2 2.7 2	2.7 2.7 2.7 2.7	7 2.8 7 2.7			2.7	3.0
Nonfarm business sector 1.7 3.1 Output per hour 1.7 3.1 Previous Tealbook 1.2 1.2 Previous Tealbook 1.2 1.2 Unit labor costs 5 -1.9 Previous Tealbook 5 -1.9	-1.5 -1.4 -2.6 -2.6 -4.6 -4.6	1.8 .9 .771.1		1.1 1.4 1.4 1.7 1.7 1.7 1.4	11.2 11.4 22.9 2.9 11.8	1.4 1.2 1.2 1.2 2.9 2.9 2.9 2.9 1.4 1.6	1.6 1.6 1.6 1.0 2.9 3.0 2.9 2.9 2.9 1.3 1.3 1.1 1.1	6 1.6 0 2.1 0 3.0 9 2.9 2.3 1.3		0. 0. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	1.6 1.8 2.9 2.9 1.3	1.6 1.7 3.4 3.3 1.8 1.6
Core goods imports chain-wt. price index ³ $\begin{vmatrix} 1.2 & -2.3 \\ 1.2 & -2.3 \end{vmatrix}$	1.7	7.	<u>.</u> . 4.		6.6						1.6	1.6

Change from fourth quarter of previous year to fourth quarter of year indicated.
 Private-industry workers.
 Core goods imports exclude computers, semiconductors, oil, and natural gas.

Greensheets

Change from fourth quarter of previous year to fourth quarter of year indicated, unless otherwise noted)

Item GDP chain-wt. price index Previous Tealbook	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
PCE chain-wt. price index Previous Tealbook Energy Food Previous Tealbook Ex. food & energy Previous Tealbook	1.9 1.9 1.7 1.7 1.7 2.3 2.3 2.2 2.3	8.8. 8.9. 1.0. 1.0. 1.0. 1.0. 1.0. 1.0. 1.0. 1	1.7 1.7 1.7 1.0 2.0 2.2 2.2 2.2	2.2.7.7.1.1.6.1.1.6.1.1.1.1.1.1.1.1.1.1.1.1	1.5 6.5 6.5 7.7 7.7	2.5 2.5 2.1 3.1 5.1 7.1 1.7 1.9	1.6 3.2 3.2 3.2 1.1 1.1 1.5 1.5 1.6	1.0 -6.6 -3.7 -1.1 1.9 1.6 1.6 1.5	1.5 1.5 1.0 1.1 1.1 1.7 1.6 1.6	1.6 1.6 1.5 1.5 1.5 1.7 1.7
CPI Previous Tealbook Ex. food & energy Previous Tealbook ECI, hourly compensation ¹ Previous Tealbook ¹	2.0 2.7 2.7 3.2 3.2 3.2	2.3 2.3 3.0 3.0	1.6 6.1 6.2 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0	2.1. 2.1. 2.1. 2.1. 2.1.	11.2 1.2 .6 .6 .7 .7 .7 .7 .7 .7 .7	55 55 33 55 55 33	1.9 1.9 1.9 1.9 1.9	1.0 1.8 1.8 1.8 2.4 4.2	1.6 1.5 1.9 1.9 2.7	1.7 1.6 2.0 2.0 1.9 3.0 2.9
Nonfarm business sector Output per hour Previous Tealbook Compensation per hour Previous Tealbook Unit labor costs Previous Tealbook	8. 8. 4.4. 8. 8. 6. 8. 6. 8. 6. 8. 6. 8. 6. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8.	2.2 4.2 3.6 3.6 1.1	-1.2 -1.2 2.5 2.5 3.7	5.6 5.6 1.5 -3.9 -3.9	1.9 1.9 1.6 1.6 1.2	4. 4. 7. 1 7. 1 8. 1 8. 1	7.7. 2.6 2.6 2.1. 2.1.	e. 2.2.4.4.4.4.4.5.1	1.6 1.8 2.9 2.9 1.3	1.6 7.1 4.8 8.1 8.1 8.1
Core goods imports chain-wt. price index ² Previous Tealbook ²	2.5	2.9	3.7	-1.7	2.7	4.3 6.4	-: -:	.5	1.6	1.6

1. Private-industry workers.
2. Core goods imports exclude computers, semiconductors, oil, and natural gas.

Other Macroeconomic Indicators

		2012			201	5			201	4					
Item	Q2	03	90	Q1	Q2	03	Q4	Q1	02	63	9	20121	20131	20141	20151
Employment and production Nonfarm payroll employment ² Unemployment rate ³ Provious Teathool ³	. ∞ ∝ ∠: ∠: c	4. 0.8	λ: ∞: γ α: ∞: α	9. 7.7 8.	S. 7.6	s: 7:5	S. 4.7.	S. 2.7	.6 7.2 7.3	6. 7.1 7.7	7. 6.9	2.2	2.0	2.5	3.2
Natural rate of unemployment ³ Previous Tealbook ³ GDP gap ⁴ Previous Tealbook ⁴	6.0 0.0 0.6 0.6 0.6 0.6	6.0 6.0 6.0 -3.3	6. 7. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.	5.7 6.8 6.8 7.6-	5.9 5.9 5.5 7.5 7.5	6. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8.	5.9 5.9 5.9 -3.1	5.9 5.9 5.9 5.9 5.9	5.8 5.8 5.8 5.0 6.0 6.0	5.8 5.8 -2.3 -2.6	5.8 5.8 -1.9	5.9 5.9 5.9 7.6- 3.9	5.9 5.9 5.9 5.3 5.3	5.8 5.8 -1.9	5.88
Industrial production ⁵ Previous Tealbook ⁵ Manufacturing industr. prod. ⁵ Previous Tealbook ⁵ Capacity utilization rate - mfg. ³ Previous Tealbook ³	2.9 2.4 2.4 1.6 75.9 77.5	£; 5; 5; 5; 6; 6; 6; 6; 6; 6; 6; 6; 6; 6; 6; 6; 6;	2.3 2.3 2.3 7.57 2.37	5.0 5.5 5.3 6.9 76.3	4.2 6.1 3.0 4.6 76.6 78.6	7.4 7.8 8.8 4.6 9.8 6.9	4.0 3.8 3.2 77.3 79.1	4.5 3.6 4.3 3.6 7.7.7 79.3	4 & & & & & & & & & & & & & & & & & & &	4.3 4.3 7.8.6 7.9.7	4.1 4.4 4.1 79.0 80.1	2.7 2.8 2.9 7.5.7 7.2.2	4.5 5.0 4.0 4.5 777.3	4.4 3.8 4.4 3.7 79.0 80.1	4.0 4.3 4.3 4.7 80.6 81.6
Housing starts ⁶ Light motor vehicle sales ⁶	.7 14.1	.8 14.5	9.21	1.0	1.0	1.1	1.2	1.2	1.3	1.3	1.4	.8 14.4	$\frac{1.0}{15.4}$	1.3	1.6
Income and saving Nominal GDP ⁵ Real disposable pers. income ⁵ Previous Tealbook ⁵ Personal saving rate ³ Previous Tealbook ³	33.2.2.8 3.3.2.2.8	5.9 7. 7. 3.6 3.6	1.3 6.2 6.2 7.4 7.4	4.4 -6.7 -7.2 2.3 2.3	2.2 3.8 2.9 2.6	4.2 2.0 1.9 2.8 2.5	4.9 3.0 3.0 2.5 5.5	4. e. e. c.	4.8 3.0 2.2 7.2 7.2	5.0 3.3 5.5 6.5 7.5	3.9 3.8 2.6 5.6	6. 6. 6. 4. 4. 4. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	3.9 7. 3.9 2.6 2.5	4.8 4.8 5.6 6.6 6.7	5.2 3.2 3.1 2.0 2.0
Corporate profits ⁷ Profit share of GNP ³	4.7	9.9 12.3	9.6	10.5	7 12.6	4.3	2.0	1.0	3.2	5.8 12.4	5.6 12.5	3.1	3.9	3.9	2.3
Net federal saving ⁸ Net state & local saving ⁸	-1,115 -124	-1,087	-1,067	-801 -116	-778 -104	-737 -96	-717	-621 -91	-611	-606	-612	-1,082 -129	-758 -101	-612 -69	-521 -24
Gross national saving rate ³ Net national saving rate ³	12.3	12.3	13.0	13.8	14.3	14.5	14.6	14.7 2.4	14.8	14.9	15.0	13.0	14.6	15.0	15.4
1 Change from fourth anorton of marious was to fourth and	- Formation	+ 01 10011	ono quin	40r Of 110.	otooibai **			o in the contract of							

Greensheets

Change from fourth quarter of previous year to fourth quarter of year indicated, unless otherwise indicated.
 Change, millions.
 Percent; annual values are for the fourth quarter of the year indicated.
 Percent difference between actual and potential GDP; a negative number indicates that the economy is operating below potential.
 Annual values are for the fourth quarter of the year indicated.

^{5.} Percent change, annual rate.
6. Level, millions; annual values are annual averages.
7. Percent change, annual rate, with inventory valuation and capital consumption adjustments.
8. Billions of dollars; annual values are annual averages.

Greensheets

(Change from fourth quarter of previous year to fourth quarter of year indicated, unless otherwise noted) Other Macroeconomic Indicators

Item	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Employment and production Nonfarm payroll employment¹ Unemployment rate² Previous Tealbook² Natural rate of unemployment² Previous Tealbook² GDP gap³ Previous Tealbook³	1.2 4.4 5.0 5.0 8.8 8.	1 4 4 4 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2.8 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9	5.6 9.9 9.9 9.9 6.0 6.0 5.2 5.3	9.5 9.5 6.0 6.0 4.0 4.2	2.0 8.7.7 6.0 6.0 6.0 3.8	2.2 7.8 7.8 7.8 7.9 7.9 7.9 7.9	2.0 7.7.7 7.5.9 9.5.9 9.5.9 1.3.1	2.5 6.9 7.1 5.8 5.8 5.8 -1.9	8.5. 8.8. 8.8. 8.9. 8.9. 8.9. 8.9. 8.9.
Industrial production ⁴ **Previous Tealbook ⁴ **Manufacturing industr. prod. ⁴ **Previous Tealbook ⁴ **Capacity utilization rate - mfg. ² **Previous Tealbook ²	2.1 2.1 1.7 1.8 78.1 78.2	2.2 2.2 2.8 7.8 2.8 2.8 2.4 2.8	-8.9 -9.0 -11.6 -11.8 69.9 69.7	-5.5 -5.7 -6.1 -6.5 67.2	6.2 6.3 6.4 6.5 72.9 73.1	3.3 4.1 3.3 4.2 74.8 76.1	2.7 2.8 2.9 7.5.7 2.5 2.5	4.5 5.0 4.0 4.5 77.3 79.1	4.4 4.4 3.7 7.9.0 80.1	4.0 4.3 4.7 80.6 81.6
Housing starts ⁵ Light motor vehicle sales ⁵	1.8	1.4	.9	.6 10.4	6	.6	.8 14.4	1.0	1.3	1.6
Income and saving Nominal GDP ⁴ Real disposable pers. income ⁴ Previous Tealbook ⁴ Personal saving rate ² Previous Tealbook ²	6. 4.4. 6.6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.	4.9 1.6 1.6 2.5 5.5	-1.2 1.0 1.0 6.2 6.2	4. 6. 6. 6. 7. 6. 7. 6. 7. 6. 8. 8. 8. 8. 8. 8.	4 6 6 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4.0. 6. 6. 6. 6. 4. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.	8. 8. 8. 7. 4. 4. 7. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	3.9 7. 3.3 2.6 5.5	4.8 3.5 6.5 6.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7	5.2 3.2 3.1 2.0 2.0
Corporate profits ⁶ Profit share of GNP ²	3.7	-8.1 10.1	-33.5	57.0	17.3	9.2 12.5	3.1	3.9	3.9	2.3
Net rederal saving' Net state & local saving7 Gross national saving rate² Net national saving rate²	-204 51 16.5 4.4	-243 12 13.9 1.7	-613 -72 12.6	-1,229 -113 11.0 -2.3	-1,308 -90 12.1 6	-1,237 -102 -12.4 3	-1,082 -129 13.0	-/38 -101 14.6 2.2	-612 -69 15.0 2.7	-521 -24 -24 15.4 3.1

Percent change.
 Level, millions; values are annual averages.
 Dercent change, with inventory valuation and capital consumption adjustments.
 Billions of dollars; values are annual averages.

^{2.} Percent; values are for the fourth quarter of the year indicated.

3. Percent difference between actual and potential GDP; a negative number indicates that the economy is operating below potential. Values are for the fourth quarter of the year indicated.

Staff Projections of Federal Sector Accounts and Related Items

(Billions of dollars except as noted)

Class II - Restricted (FR)

,		Fiscal year	lyear	1	,	2012		3		2013	1 1			2014	1 1	
Item	2012 ^a	2013	2014	2015	Q1ª	Q2 ^a	Q3 ^a	Q4a	Q1	02	63	Q4	Q1	Q2	63	40
									Ž	t seasona	IV adinst	<u>-</u>				
	2,450	2,763	3,005	3,252	509	160	625	616		859	859 707	678	622	938	167	743
	3.537	3,498	3.528	3,660	996	885	810	606	888	867	834	868	903	874	852	937
	-1.087	-735	-522	-408	-457	-125	-185	-293	-307	6-	-126	-221	-280	2	-85	-194
Pravious Taalbook	1.080	757	995	927	457	725	185	-203	-333	, 4	124	326	-203	52	-07	200
S	-1,003	763	-535	409	458	187	31.	3.5	-303	. 5.	- 10- - 03	243	260	, _	, Y-	213
	62	80	5 2	<u>}</u>		62	-25	17	3 4	ý 4	3.5	25	027	46	5. 5.	19
	3	ì	3	•	•	1	ì		-	2	3	1	ì	2)	ì
Means of financing	,		ţ	i i	0		0	į	ò	C	Š	ò		č	,	
	1,152	824	/79	228	398	198	730	314	556	φį	181	236	310	45-	cII	777
	-28	-90 -90	15 -120	-120	42 17	-25 -25	.51	-13	-43	-15 31	10 -65	-30	-30	-30	-30	-30
Cash onerating halance																
,	85	82	70	70	43	91	85	93	42	95	82	70	70	70	70	70
NIPA federal sector									- Seasona	Seasonally adjusted annual	ed annual	rates —				
	2,633	2,908	3,172	3,400	2,665	2,659	2,673	2,705	2,943	2,975	3,007		3,176	3,213	3,255	3,297
	3,744	3,753	3,811	3,954	3,724	3,775	3,761	3,772	3,744	3,753	3,744	3,762	3,797	3,824	3,861	3,909
Consumption expenditures	1,062	1,018	696	934	1,056	1,055	1,086	1,042	1,037	1,012	885	985	926	964	953	946
	402	899	633	209	703	701	728	682	629	999	949	645	637	879	622	919
	353	350	336	327	352	354	358	360	358	347	337	339	339	335	332	330
	2,682	2,735	2,841	3,020	2,668	2,720	2,674	2,730	2,707	2,742	2,762	2,777	2,821	2,860	2,907	2,963
Current account surplus	-1,111	-846	-639	-554	-1,059	-1,115	-1,087	-1,067	-801	-778	-737	-717	-621	-611	909-	-612
	156	150	135	125	152	156	155	155	153	147	143	140	137	134	131	129
Gross saving less gross investment ³	-1,126	-850	-625	-525	-1,071	-1,130	-1,100	-1,079	608-	-780	-733	-710	609-	-595	-586	-588
Fiscal indicators ⁴ Hioh-employment (HFR)																
surplus/deficit	-932.7	-652.4	-469.1	-437.1	-879.3	-937.1	-921.6	-886.3	-609.5	-580.7	-533.2	-526.0	-448.4	-447.0	-454.9	-475.2
Change in HEB, percent of potential GDP	-1.0	-1.9	-1.2	3	8:	κi	2	£	-1.7	2	£	-:1	ئ	0.	0.	1.
Fiscal impetus (FI),	t	,	c	•	t		,	•				(-	C	•	•
percent of GDP Previous Tealbook	\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.	-1.3 -1.1	8: -	4. <i>w</i> i	· · ·	o	i, ii	-1.5 -1.5	-1.6 -1.4	-1.4 - <i>I</i> .3	-1.5 -1.0	9	-1.0 -1.0	v. ∞.	9:-	4. 4.

^{1.} Budget receipts, outlays, and surplus/deficit include corresponding social security (OASDI) categories. The OASDI surplus and the Postal Service surplus are excluded from the on-budget surplus and shown separately as off-budget, as classified under current law.

Other means of financing are checks paid, accrued items, and changes in other financial assets and liabilities.
 Gross saving is the current account surplus plus consumption of fixed capital of the general government as well as government enterprises.
 HEB is gross saving less gross investment (NIPA) of the federal government in current dollars, with cyclically sensitive receipts and outlays adjusted to the staff's measure of potential output and the natural rate of unemployment. The sign on Change in HEB, as a percent of nominal potential GDP, is reversed. FI is the weighted difference of discretionary changes in federal spending and taxes in chained (2005) dollars, scaled by real GDP. The FI estimates are calendar year contributions to Q4/Q4 real GDP growth. Also, for FI and the change in HEB and FI are not at annual rates.

a Actual.

Greensheets

Foreign Real GDP and Consumer Prices: Selected Countries (Quarterly percent changes at an annual rate)

	3 Q4			8 4.8 2 2 2 2 8.8 0 0 8.0 0 8.0 0 3.9 0 4.0	25 4 8 6 7 7 4 8 8 8 7 7 4 8 8 8 7 7 4 8 8 8 7 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
2014	Q3	3.8.	2	44 8.0.8 8.0.8 8.0.4 9.0.4	22.4.1
	Q2	3.1 3.1 5.1	. 4.2. 4.2.2.1.1.	7.7.7 7.7.7 7.8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0	8.00.00.00.00.00.00.00.00.00.00.00.00.00
Projected	Q1	3.3 3.4 0.0	3.7 3.7 2.0 1.0 1.6	7.7.7 7.0.8 7.0.8 8.8 8.8 8.8	44.2.1.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2
Pro	Q4	3.2	2.2.2	4.6.0.8.6.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0	2.2.1.1.2.2.1.1.2.2.2.2.2.2.2.2.2.2.2.2
2013	Q3	2.9 3.1	2.2 2.8 4.1 1.1	4.60 4.60 4.60 4.60 4.60 4.60 4.60 4.60	22.1.1
20	Q2	2.7	; 8: 2; 6; 6; 6; 6; 6; 6; 6; 6; 6; 6; 6; 6; 6;	4.00.00 4.00 6.00 6.00 6.00 6.00 6.00 6.	200
	Q1	2.3	5.1.2 6. 2.2 8 8	8.4.4.2.6.6.4.4.8.8.4.4.3.6.5.5.4.4.8.7.5.5.7.5.7.7.7.7.7.7.7.7.7.7.7.7.7.7	4.22
	Q4	2.1 2.1 - 4		4.8 6.1 1.1 9.5 3.5 3.1 2.2	22.2.1. 4.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.
2012	Q3	1.7 1.8	. r. e. 5	3.2 4.7 5.4 7.1 7.1 7.1 7.1 7.1 7.1 7.1	22.2
20	Q2	1.9 1.9	6: 1. 6: 1. 6: 1. 1: 1	3.3 3.9 1.2 6.5 2.9 3.1 1.3	22.2 2.2.4 2.2.2 2
	Q1	3.2 3.2 1.3	6.1 6.1 6.1 6.2 6.3	2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2	2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.
	Measure and country	Real GDP ¹ Total foreign Previous Tealbook Advanced foreign economies	Canada Japan United Kingdom Euro area Germany	Emerging market economies Asia Korea China Latin America Mexico Brazil	Consumer prices ² Total foreign Previous Tealbook Advanced foreign economies Canada Japan United Kingdom Euro area Germany Emerging market economies Asia Korea China Latin America Descriptor

Poreign GDP aggregates calculated using shares of U.S. exports.

 $^{^2{\}rm Foreign}$ CPI aggregates calculated using shares of U.S. non-oil imports.

Foreign Real GDP and Consumer Prices: Selected Countries (Percent change, Q4 to Q4)

Measure and country	2007	2008	2009	2010	2011	2012	2013	riojecteu 2014	2015
Real GDP ¹									
Total foreign	4.3	7	∞.	4.6	3.0	2.2	2.8	3.3	3.5
Previous Tealbook	4.3	7	∞.	4.6	2.9	2.3	3.0	3.4	3.5
Advanced foreign economies	2.4	-1.6	-1.5	3.0	1.4	4.	1.3	1.9	2.3
Canada	2.3	0.	-1.6	3.6	2.4	1.1	1.8	2.5	2.7
Japan	1.6	-4.8	9:-	3.5	1	4.	2.6	6:	1.0
United Kingdom	3.8	-4.6	6	1.5	1.1	.2	1.1	2.3	2.6
Euro area	2.4	-2.1	-2.3	2.2	9:	6:-	0:	1.3	2.0
Germany	2.4	-1.9	-2.2	4.2	1.9	4.	6.	1.8	2.4
Emerging market economies	6.7	4.	3.6	6.2	4.5	4.1	4.2	4.7	4.8
Asia	8.9	% .	8.1	7.8	5.0	5.1	5.1	5.7	5.8
Korea	5.8	-3.2	6.3	5.0	3.4	1.4	3.5	4.1	4.5
China	13.7	7.7	11.3	6.7	8.8	7.8	7.4	8.0	7.8
Latin America	4.4	2	<u>~.</u>	4.5	3.9	3.1	3.5	3.8	3.8
Mexico	3.5	-1.1	-2.2	4.1	4.0	3.3	3.6	3.9	3.8
Brazil	9.9	6:	5.3	5.4	1.4	1.4	3.3	3.9	4.0
Consumer prices ²									
Total foreign	3.7	3.3	1.2	3.2	3.4	2.3	2.2	2.6	2.7
Previous Tealbook	3.7	3.3	1.2	3.2	3.4	2.3	2.2	2.6	2.6
Advanced foreign economies	2.2	2.0	5.	1.7	2.2	1.3	1.1	1.7	1.9
Canada	2.5	1.8	∞.	2.2	2.7	6.	1.4	1.7	1.8
Japan	κi	1:1	-2.0	2	. .3	2	5.	2.6	2.5
United Kingdom	2.1	3.9	2.2	3.4	4.6	2.7	2.2	2.0	2.0
Euro area	2.9	2.3	4.	2.0	2.9	2.3	1.1	1.3	1.7
Germany	3.1	1.7	κi	1.6	2.6	2.0	1.7	1.8	1.9
Emerging market economies	5.1	4.6	2.1	4.3	4.3	3.1	3.1	3.3	3.3
Asia	5.5	3.6	1.2	4.3	4.5	2.6	2.9	3.1	3.2
Korea	3.4	4.5	2.4	3.2	4.0	1.7	2.0	3.0	3.2
China	6.7	2.5	9.	4.6	4.6	2.1	2.7	3.0	3.0
Latin America	4.2	9.9	3.9	4. 4.	4.0	4.3	3.6	3.7	3.7
Mexico	3.8	6.2	4.0	4.3	3.5	4.1	3.3	3.4	3.4
Brazil	4.3	6.3	4.3	5.6	6.7	5.6	5.8	5.4	5.4

 $^1{\rm Foreign}$ GDP aggregates calculated using shares of U.S. exports. $^2{\rm Foreign}$ CPI aggregates calculated using shares of U.S. non-oil imports.

U.S. Current Account
Quarterly Data

		2	2012				2013	Pro	Projected	2	2014	
	01	Q2	03	04	Q1	Q2	03	Q4	Q1	Q2	03	Q4
					Bill	ions of de	Billions of dollars, s.a.a.r.	a.r.				
U.S. current account balance Previous Tealbook	-535.1 -535.4	-473.4 <i>-473.4</i>	-449.8 <i>-431.4</i>	-441.7 -442.2	-474.6 -469.2	-442.1 <i>-435.3</i>	-463.7 <i>-461.6</i>	-503.4 -497.0	-532.9 -522.1	-524.1 -505.3	-546.4 <i>-521.2</i>	-571.7 -540.1
Current account as percent of GDP Previous Tealbook	-3.5 -3.5	-3.0	-2.8	-2.8 -2.8	-3.0	-2.7	-2.8 -2.8	-3.1	-3.2 -3.1	-3.1	-3.2 -3.1	-3.3 -3.1
Net goods & services	-594.4	-550.6	-499.4	-513.7	-523.2	-470.5	-476.5	-500.8	-518.4	-498.1	-501.4	-515.2
Investment income, net Direct. net	197.8	216.0	194.1 271.2	217.1	195.4	171.3	159.1	145.6	132.3	117.0	101.1	91.8
Portfolio, net	-85.6	-75.8	-77.1	-90.8	-78.7	-76.5	-74.5	-82.5	-90.5	-99.2	-109.4	-120.7
Other income and transfers, net	-138.5	-138.8	-144.5	-145.1	-146.8	-142.9	-146.2	-148.3	-146.8	-142.9	-146.2	-148.3
				A	Annual Data	ıta						
										Pro	-Projected	
	2007		2008	2009	2010		2011	2012	2013		2014	2015
						Billions	Billions of dollars	ř.				
U.S. current account balance Previous Tealbook	-710.3 -710.3		-677.1 -677.1	-381.9 -381.9	-442.0		-465.9 -465.9	-475.0 <i>-470.6</i>	-470.9 <i>-465.8</i>		543.8 -522.2	-576.7 -536.0
Current account as percent of GDP Previous Tealbook	-5.1 -5.1		7.4- 7.4-	-2.7	-3.0 -3.0		-3.1 -3.1	-3.0	-2.9		-3.2 -3.1	-3.2
Net goods & services	-696.7		-698.3	-379.2	-494.7		-559.9	-539.5	-492.7	ζ.	-508.3	-508.6
Investment income, net	1111.1		157.8	127.6	191.(35.0	206.2	167.9		10.5	6.97
Direct, net	244.6		284.3	253.0	297.9		321.7	288.6	245.9		215.5	227.7
Portfolio, net	-133.5		2.97	-125.4	-106.9		86.7	-82.3	-78.(0.50	-150.7
Other income and transfers, net	-124.7		-136.6	-130.3	-138.2		-141.1	-141.7	-146.1	'	-146.1	-145.0

Class I FOMC – Restricted Controlled (FR)

Report to the FOMC on Economic Conditions and Monetary Policy



Book B

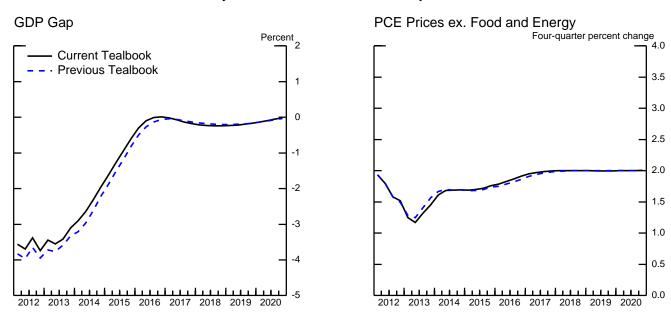
Monetary Policy: Strategies and Alternatives

April 25, 2013

Policy Rules and the Staff Projection

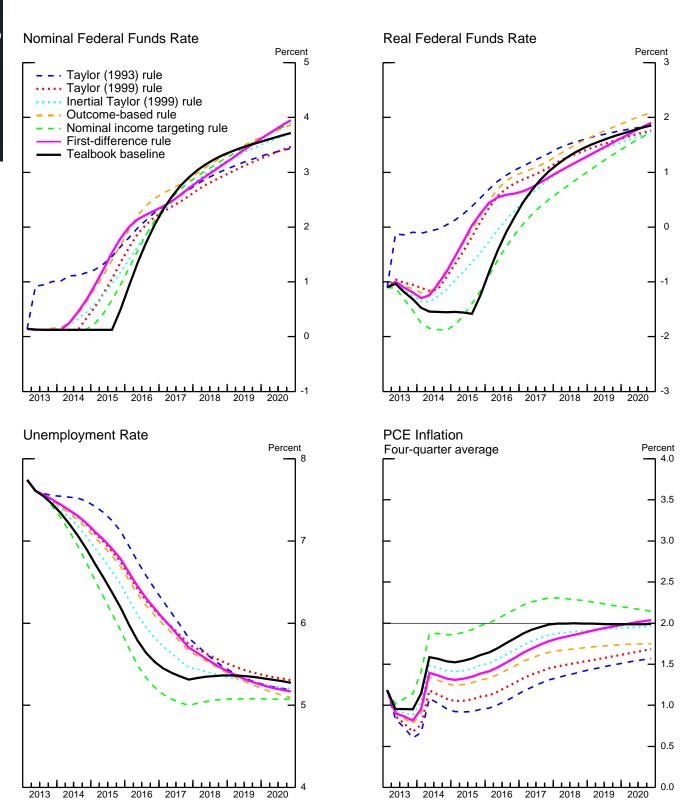
—— Near-Term Pr	escriptio	ns of Sel	ected Policy Rules	3
	Constra	ined Polic	y Unconstrair	ned Policy
	2013Q2	_2013Q	3 <u>2013Q2</u>	2013Q3
Taylor (1993) rule Previous Tealbook	1.00 <i>1.03</i>	1.28 1.35	1.00 1.03	1.28 1.35
Taylor (1999) rule <i>Previous Tealbook</i>	0.13 <i>0.13</i>	0.13 <i>0.13</i>	− 0.74 − <i>0.8</i> 2	-0.40 − <i>0.41</i>
Inertial Taylor (1999) rule Previous Tealbook	0.13 <i>0.13</i>	0.13 <i>0.13</i>	0.01 <i>0.00</i>	−0.05 − <i>0.07</i>
Outcome-based rule Previous Tealbook	0.13 <i>0.13</i>	0.13 <i>0.13</i>	−0.08 − <i>0.06</i>	−0.16 − <i>0.10</i>
First-difference rule Previous Tealbook	0.21 <i>0.22</i>	0.49 <i>0.46</i>	0.21 <i>0.22</i>	0.49 0.46
Nominal income targeting rule Previous Tealbook	0.13 <i>0.13</i>	0.13 <i>0.13</i>	−0.57 − <i>0.55</i>	- 1.05 -1.01
Memo: Equilibrium and	d Actual R	eal Federa	l Funds Rate	
	· · · · · · · · · · · · · · · · · · ·		Current Quarter Estimate as of Previous Tealbook	Previous Tealbook
Tealbook-consistent FRB/US <i>r</i> * e Actual real federal funds rate		−1.54 −1.12	-1.67	-1.76 -1.36

Key Elements of the Staff Projection



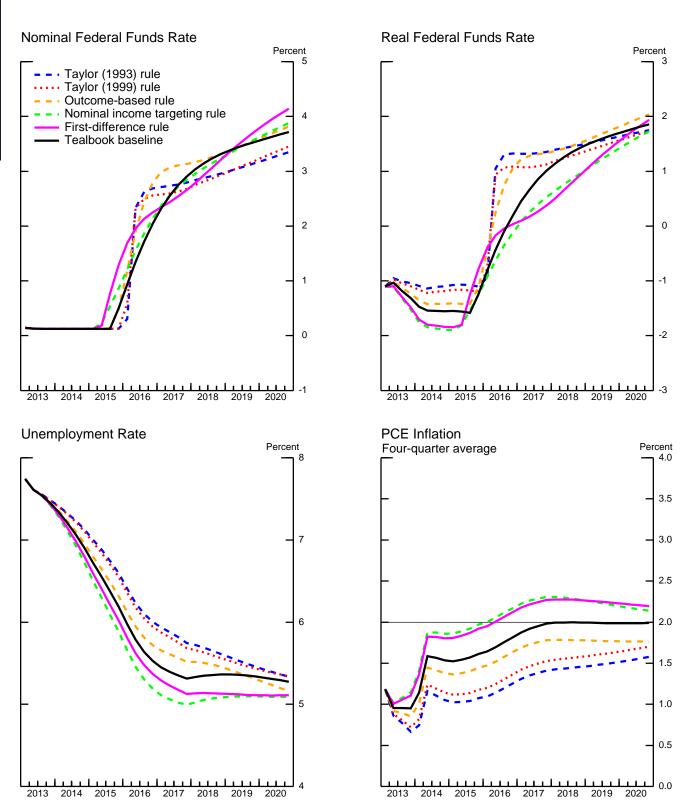
Estimates of r^* may change at the beginning of a quarter even when the staff outlook is unchanged because the twelve-quarter horizon covered by the calculation has rolled forward one quarter. Therefore, whenever the Tealbook is published early in the quarter, the memo includes a third column labeled "Current Quarter Estimate as of Previous Tealbook."

Policy Rule Simulations without Thresholds



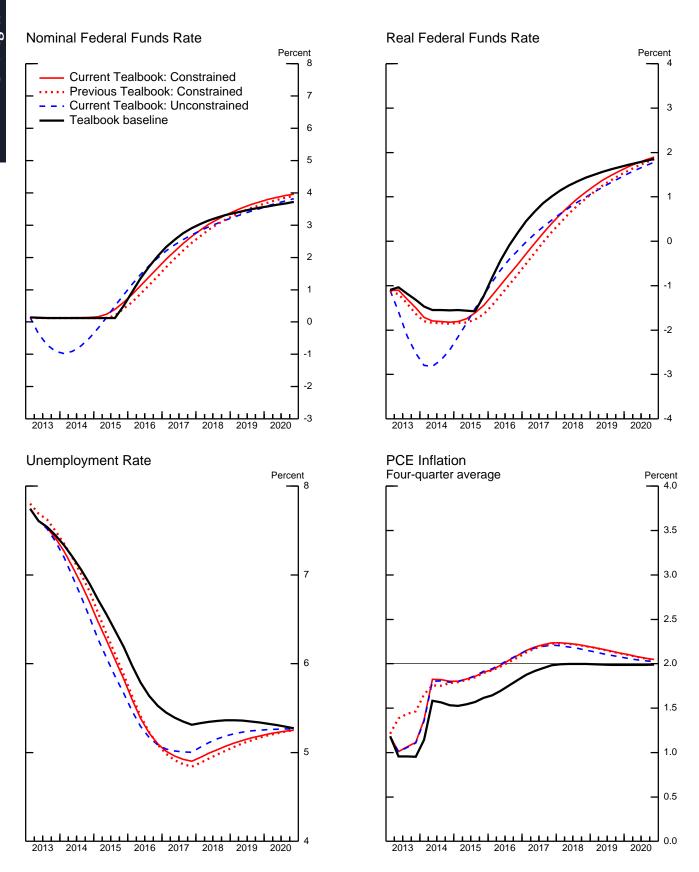
Note: The policy rule simulations in this exhibit are based on rules that respond to core inflation. This choice of rule specification was made in light of the tendency for current and near-term core inflation rates to outperform headline inflation rates as predictors of the medium-term behavior of headline inflation.

Policy Rule Simulations with Thresholds

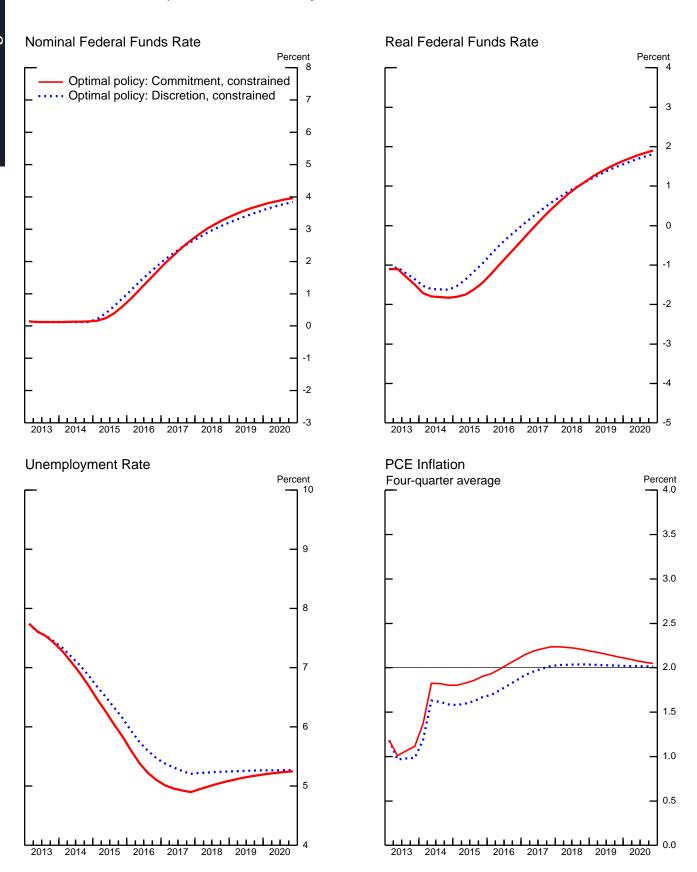


Note: The policy rule simulations in this exhibit are based on rules that respond to core inflation. This choice of rule specification was made in light of the tendency for current and near-term core inflation rates to outperform headline inflation rates as predictors of the medium-term behavior of headline inflation.

Constrained vs. Unconstrained Optimal Control Policy



Optimal Control Policy: Commitment vs. Discretion



Outcomes under Alternative Policies without Thresholds

(Percent change, annual rate, from end of preceding period except as noted)

			1	1		
	2012					
Measure and scenario	H2	2013	2014	2015	2016	2017
Real GDP						
Extended Tealbook baseline ¹	1.7	2.6	3.2	3.5	2.9	2.0
Taylor (1993)	1.7	2.1	2.2	3.0	3.0	2.7
Taylor (1999)	1.7	2.4	2.7	3.1	2.8	2.4
Inertial Taylor (1999)	1.7	2.5	2.9	3.3	2.9	2.3
Outcome based	1.7	2.4	2.7	3.1	2.8	2.5
First difference	1.7	2.4	2.6	3.0	2.9	2.5
Nominal income targeting	1.7	2.7	3.5	3.7	3.0	2.1
Constrained optimal control	1.7	2.7	3.6	3.8	3.1	2.0
Unemployment rate ²						
Extended Tealbook baseline ¹	7.8	7.4	6.9	6.2	5.5	5.3
Taylor (1993)	7.8	7.6	7.5	7.1	6.4	5.8
Taylor (1999)	7.8	7.5	7.2	6.7	6.2	5.7
Inertial Taylor (1999)	7.8	7.5	7.0	6.5	5.8	5.5
Outcome based	7.8	7.5	7.2	6.7	6.1	5.7
First difference	7.8	7.5	7.2	6.8	6.2	5.7
Nominal income targeting	7.8	7.4	6.7	5.9	5.2	5.0
Constrained optimal control	7.8	7.4	6.7	5.8	5.1	4.9
Total PCE prices						
Extended Tealbook baseline ¹	1.6	1.0	1.5	1.6	1.8	2.0
Taylor (1993)	1.6	0.6	1.0	1.0	1.1	1.3
Taylor (1999)	1.6	0.7	1.1	1.1	1.3	1.5
Inertial Taylor (1999)	1.6	0.9	1.4	1.5	1.7	1.9
Outcome based	1.6	0.8	1.3	1.3	1.5	1.6
First difference	1.6	0.8	1.3	1.4	1.6	1.8
Nominal income targeting	1.6	1.1	1.9	2.0	2.2	2.3
Constrained optimal control	1.6	1.1	1.8	1.9	2.1	2.2
Core PCE prices						
Extended Tealbook baseline ¹	1.1	1.5	1.7	1.8	1.9	2.0
Taylor (1993)	1.1	1.1	1.1	1.1	1.2	1.3
Taylor (1999)	1.1	1.2	1.2	1.3	1.4	1.5
Inertial Taylor (1999)	1.1	1.4	1.6	1.6	1.8	1.9
Outcome based	1.1	1.3	1.4	1.5	1.6	1.7
First difference	1.1	1.3	1.5	1.5	1.7	1.8
Nominal income targeting	1.1	1.6	2.0	2.1	2.3	2.3
Constrained optimal control	1.1	1.6	2.0	2.1	2.2	2.2
Federal funds rate ²						
Extended Tealbook baseline ¹	0.2	0.1	0.1	0.5	2.0	2.9
Taylor (1993)	0.2	1.0	1.2	1.6	2.3	2.7
Taylor (1999)	0.2	0.1	0.3	1.4	2.2	2.6
Inertial Taylor (1999)	0.2	0.1	0.4	1.2	2.1	2.7
Outcome based	0.2	0.2	0.6	1.7	2.5	2.9
First difference	0.2	0.1	0.7	1.8	2.3	2.7
Nominal income targeting	0.2	0.1	0.1	0.9	2.1	2.8
Constrained optimal control	0.2	0.1	0.1	0.6	1.7	2.7

^{1.} Policy in the Tealbook baseline keeps the federal funds rate at its effective lower bound of 12.5 basis points as long as the unemployment rate is above 6.5 percent and projected one-year-ahead inflation is less than 2.5 percent. Once either threshold is crossed, the federal funds rate follows the prescription of the inertial Taylor (1999) rule.

^{2.} Percent, average for the final quarter of the period.

Outcomes under Alternative Policies with Thresholds¹

(Percent change, annual rate, from end of preceding period except as noted)

	2012					
Measure and scenario	H2	2013	2014	2015	2016	2017
Real GDP						
Extended Tealbook baseline ¹	1.7	2.6	3.2	3.5	2.9	2.0
Taylor (1993)	1.7	2.4	2.8	3.2	2.7	2.1
Taylor (1999)	1.7	2.4	2.8	3.3	2.7	2.2
Outcome based	1.7	2.5	3.1	3.4	2.7	2.0
First difference	1.7	2.6	3.4	3.6	2.9	2.2
Nominal income targeting	1.7	2.7	3.6	3.7	2.9	2.0
Constrained optimal control	1.7	2.7	3.6	3.8	3.1	2.0
Unemployment rate ²						
Extended Tealbook baseline ¹	7.8	7.4	6.9	6.2	5.5	5.3
Taylor (1993)	7.8	7.5	7.1	6.6	6.0	5.7
Taylor (1999)	7.8	7.5	7.1	6.6	5.9	5.7
Outcome based	7.8	7.5	7.0	6.3	5.7	5.5
First difference	7.8	7.4	6.8	6.0	5.4	5.1
Nominal income targeting	7.8	7.4	6.7	5.9	5.2	5.0
Constrained optimal control	7.8	7.4	6.7	5.8	5.1	4.9
Total PCE prices						
Extended Tealbook baseline ¹	1.6	1.0	1.5	1.6	1.8	2.0
Taylor (1993)	1.6	0.7	1.1	1.1	1.3	1.4
Taylor (1999)	1.6	0.7	1.1	1.2	1.4	1.5
Outcome based	1.6	0.9	1.4	1.4	1.6	1.8
First difference	1.6	1.1	1.8	1.9	2.1	2.3
Nominal income targeting	1.6	1.1	1.9	2.0	2.2	2.3
Constrained optimal control	1.6	1.1	1.8	1.9	2.1	2.2
Core PCE prices						
Extended Tealbook baseline ¹	1.1	1.5	1.7	1.8	1.9	2.0
Taylor (1993)	1.1	1.2	1.2	1.2	1.4	1.4
Taylor (1999)	1.1	1.2	1.3	1.3	1.5	1.5
Outcome based	1.1	1.4	1.5	1.6	1.7	1.8
First difference	1.1	1.6	2.0	2.1	2.2	2.3
Nominal income targeting	1.1	1.6	2.0	2.1	2.3	2.3
Constrained optimal control	1.1	1.6	2.0	2.1	2.2	2.2
Federal funds rate ²						
Extended Tealbook baseline ¹	0.2	0.1	0.1	0.5	2.0	2.9
Taylor (1993)	0.2	0.1	0.1	0.1	2.7	2.8
Taylor (1999)	0.2	0.1	0.1	0.1	2.6	2.7
Outcome based	0.2	0.1	0.1	0.5	2.8	3.1
First difference	0.2	0.1	0.1	1.3	2.3	2.7
Nominal income targeting	0.2	0.1	0.1	0.9	2.1	2.8
Constrained optimal control	0.2	0.1	0.1	0.6	1.7	2.7

^{1.} With the exception of constrained optimal control, monetary policy is specified to keep the federal funds rate at its effective lower bound of 12.5 basis points as long as the unemployment rate is above 6.5 percent and projected one-year-ahead inflation is less than 2.5 percent. Once either of these thresholds is crossed, the federal funds rate follows the prescriptions of the specified rule. Policy in the Tealbook baseline also uses these threshold conditions and switches to the inertial Taylor (1999) rule once either of these thresholds is crossed.

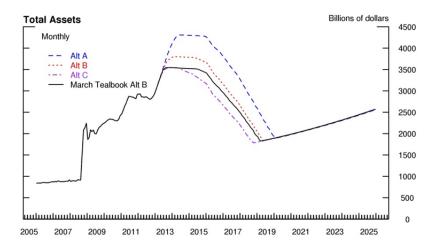
^{2.} Percent, average for the final quarter of the period.

Growth Ra	ates for M2
(Percent, seasonally	adjusted annual rate)
Monthly Growth Rates	Tealbook Forecast*
Jan-13	4.3
Feb-13	-3.1
Mar-13	4.0
Apr-13	6.5
May-13	1.9
Jun-13	1.8
Jul-13	1.8
Aug-13	2.0
Sep-13	2.2
Oct-13	2.8
Nov-13	2.6
Dec-13	2.8
Quarterly Growth Rates	
2013 Q1	4.7
2013 Q2	3.3
2013 Q3	1.9
2013 Q4	2.6
2014 Q1	2.4
2014 Q2	2.6
2014 Q3	2.8
2014 Q4	2.9
2015 Q1	3.0
2015 Q2	2.9
2015 Q3	-0.3
2015 Q4	-1.9
Annual Growth Rates	
2012	7.5
2013	3.1
2014	2.7
2015	0.9

^{*}This forecast is consistent with nominal GDP and interest rates in the Tealbook forecast. Actual data through April 15, 2013; projections thereafter.

BALANCE SHEET AND MONETARY BASE

The staff has prepared three scenarios for the Federal Reserve's balance sheet that correspond to interpretations of Alternatives A, B, and C. All three alternatives include additional asset purchases, though the pace and amount of purchases differ. Alternative B continues purchases at the current pace through June; purchases are then tapered to zero by year-end. Alternative A increases the pace of purchases beginning in May and continues the purchases somewhat longer, while Alternative C decreases the pace and ends purchases earlier. All three alternatives maintain the 0 to ½ percent target range for the federal funds rate and retain threshold-based forward guidance for the funds rate based on the unemployment rate and the outlook for inflation.



Projections under each scenario are based on assumptions about the trajectory of various components of the balance sheet.² Details of these assumptions, as well as

¹ The Committee is assumed to continue rolling over maturing Treasury securities at auction and reinvesting principal payments from agency MBS and agency debt securities into agency MBS until six months before the first increase in the federal funds rate. The effect of assuming that maturing Treasury securities are rolled over at auction is very modest; as a result of the maturity extension program, there are currently less than \$5 billion of Treasury securities in the SOMA portfolio that mature before January 2016.

² The projections assume that the Committee follows an exit strategy consistent with the principles articulated in the minutes of the June 2011 FOMC meeting. Other strategies, such as not selling MBS or selling short-dated Treasury securities, could be considered. See the memo titled "Possible Revisions to the Committee's Exit Strategy Principles" (by J. Clouse, W. English, J. Faust, E. Klee, L. Logan, and S. Meyer of the Federal Reserve Board and J. Remache and S. Potter of the Federal Reserve Bank of New York) that was sent to the Committee on April 22, 2013, for more on this issue. The implications for the evolution of the balance sheet associated with possible revisions to the exit strategy principles are found in the March 5, 2013, memo by K. Femia, J. Ihrig, J. Kandrac, E. Klee, C. Miller, and J. Remache, titled "Exit Strategy Considerations."

	Growth Ra	ites for the Mon	etary Base	
Date	Alternative B	Alternative A	Alternative C	March Alternative B
	Pe	ercent, annual ra	ate	
		Monthly		
Dec-12	13.7	13.7	13.7	13.7
Jan-13	21.5	21.5	21.5	21.5
Feb-13	37.1	37.1	37.1	37.3
Mar-13	42.6	42.6	42.6	56.1
Apr-13	29.2	29.4	29.0	30.3
May-13	48.7	50.9	45.3	36.2
Jun-13	51.7	56.0	44.2	51.5
Jul-13	23.1	30.7	14.0	17.3
Aug-13	33.8	45.3	21.1	17.5
		Quarterly		
2012 Q4	-0.5	-0.5	-0.5	-0.5
2013 Q1	25.1	25.1	25.1	26.7
2013 Q2	41.3	42.4	39.5	41.8
2013 Q3	35.7	44.0	25.5	25.8
2013 Q4	15.3	31.5	3.6	-0.1
2014 Q1	4.4	20.8	-2.2	-1.7
2014 Q2	0.7	12.6 -1.2		0.6
2014 Q3	2.4	4.7	-1.5	0.8
	A	nnual - Q4 to Q	4	
2012	0.3	0.3	0.3	0.3
2013	32.6	40.8	25.3	25.4
2014	1.3	9.2	-1.2	-0.9
2015	-1.2	-0.8	-7.1	-2.0
2016	-13.0	-8.0	-16.1	-11.6
2017	-16.6	-14.6	-18.5	-16.7
2018	-24.0	-21.5	-24.6	-23.8
2019	-15.8	-27.8	4.0	-9.6
2020	4.5	-5.4	4.6	4.3
2021	4.6	4.4	4.7	4.5
2022	4.6	4.5	4.6	4.5
2023	4.5	4.4	4.5	4.5
2024	4.4	4.4	4.4	4.4
2025	4.4	4.4	4.4	4.4

Note: Not seasonally adjusted.

	10-Year	Treasury Term P	remium Effect	
Date	Alternative B	Alternative A	Alternative C	March Alternative B
		Basis Points		
		Quarterly Avera	ages	
2013 Q2	-114	-123	-84	-98
2013 Q3	-101	-119	-79	-87
2013 Q4	-91	-114	-74	-82
2014 Q1	-86	-109	-69	-77
2014 Q2	-80	-103	-64	-72
2014 Q3	-75	-97	-59	-68
2014 Q4	-70	-91	-55	-63
2015 Q1	-65	-85	-50	-58
2015 Q2	-60	-80	-46	-54
2015 Q3	-56	-74	-42	-50
2015 Q4	-51	-69	-38	-46
2016 Q4	-36	-50	-26	-32
2017 Q4	-24	-34	-18	-22
2018 Q4	-17	-24	-13	-16
2019 Q4	-13	-17	-12	-12
2020 Q4	-12	-14	-11	-11
2021 Q4	-11	-13	-10	-10
2022 Q4	-9	-11	-9	-8
2023 Q4	-7	-8	-7	-6
2024 Q4	-5	-6	-5	-5
2025 Q4	-4	-5	-4	-3

Federal Reserve Balance Sheet End-of-Year Projections -- Alternative B

Billions of dollars

	Mar 29, 2013	2013	2015	2017	2019	2021	2023	2025
	<u>wiai 29, 2013</u>	2013	2013	2017	2019	2021	2023	2023
Total assets	3,207	3,771	3,675	2,683	1,882	2,081	2,307	2,564
Selected assets								
Liquidity programs for financial firms	8	8	0	0	0	0	0	0
Primary, secondary, and seasonal credit	0	0	0	0	0	0	0	0
Central bank liquidity swaps	8	8	0	0	0	0	0	C
Term Asset-Backed Securities Loan Facility (TALF)	1	0	0	0	0	0	0	0
Net portfolio holdings of Maiden Lane LLC, Maiden Lane II LLC, and Maiden Lane III LLC	1	1	0	0	0	0	0	0
Securities held outright	2,939	3,486	3,436	2,497	1,740	1,965	2,202	2,468
U.S. Treasury securities	1,796	2,017	2,013	1,611	1,398	1,965	2,202	2,468
Agency debt securities	72	57	33	4	2	0	0	(
Agency mortgage-backed securities	1,071	1,412	1,390	882	339	0	0	(
Net portfolio holdings of TALF LLC	0	0	0	0	0	0	0	C
Total other assets	257	275	239	186	142	115	105	96
otal liabilities	3,152	3,708	3,592	2,573	1,737	1,888	2,053	2,227
Selected liabilities								
Federal Reserve notes in circulation	1,134	1,183	1,333	1,458	1,588	1,740	1,904	2,079
Reverse repurchase agreements	105	100	100	100	100	100	100	100
Deposits with Federal Reserve Banks	1,900	2,414	2,148	1,005	39	39	39	39
Reserve balances held by depository institutions	1,791	2,313	2,134	991	25	25	25	25
U.S. Treasury, General Account	79	93	5	5	5	5	5	4
Other Deposits	30	9	9	9	9	9	9	Ģ
Interest on Federal Reserve Notes due to U.S. Treasury	2	0	0	0	0	0	0	(
Cotal capital	55	63	83	110	146	192	255	337

Source: Federal Reserve H.4.1 statistical releases and staff calculations.

Note: Components may not sum to totals due to rounding.

Federal Reserve Balance Sheet End-of-Year Projections -- Alternative A

Billions of dollars

	Mar 29, 2013	<u>2013</u>	<u>2015</u>	<u>2017</u>	<u>2019</u>	2021	2023	202
Total assets	3,207	4,067	4,273	3,301	1,952	2,078	2,301	2,55
Selected assets								
Liquidity programs for financial firms	8	8	0	0	0	0	0	
Primary, secondary, and seasonal credit	0	0	0	0	0	0	0	
Central bank liquidity swaps	8	8	0	0	0	0	0	
Term Asset-Backed Securities Loan Facility (TALF)	1	0	0	0	0	0	0	
Net portfolio holdings of Maiden Lane LLC, Maiden Lane II LLC, and Maiden Lane III LLC	1	1	0	0	0	0	0	
Securities held outright	2,939	3,763	4,007	3,090	1,793	1,955	2,190	2,45
U.S. Treasury securities	1,796	2,227	2,331	1,926	1,236	1,955	2,190	2,45
Agency debt securities	72	57	33	4	2	0	0	
Agency mortgage-backed securities	1,071	1,478	1,643	1,160	555	0	0	
Net portfolio holdings of TALF LLC	0	0	0	0	0	0	0	
Total other assets	257	295	266	210	159	123	111	10
Total liabilities	3,152	4,004	4,190	3,191	1,807	1,885	2,047	2,22
Selected liabilities								
Federal Reserve notes in circulation	1,134	1,183	1,333	1,465	1,590	1,736	1,898	2,07
Reverse repurchase agreements	105	100	100	100	100	100	100	10
Deposits with Federal Reserve Banks	1,900	2,710	2,746	1,615	114	39	39	3
Reserve balances held by depository institutions	1,791	2,608	2,644	1,600	99	25	25	2
U.S. Treasury, General Account	79	93	93	5	5	5	5	
Other Deposits	30	9	9	9	9	9	9	
Interest on Federal Reserve Notes due to U.S. Treasury	2	0	0	0	-7	0	0	
Total capital	55	63	83	110	146	192	255	33

Source: Federal Reserve H.4.1 statistical releases and staff calculations.

Note: Components may not sum to totals due to rounding.

Federal Reserve Balance Sheet End-of-Year Projections -- Alternative C

Billions of dollars

								
	Mar 29, 2013	<u>2013</u>	<u>2015</u>	<u>2017</u>	<u>2019</u>	<u>2021</u>	2023	2025
Total assets	3,207	3,547	3,184	2,225	1,885	2,086	2,315	2,572
Selected assets								
Liquidity programs for financial firms	8	8	0	0	0	0	0	0
Primary, secondary, and seasonal credit	0	0	0	0	0	0	0	0
Central bank liquidity swaps	8	8	0	0	0	0	0	0
Term Asset-Backed Securities Loan Facility (TALF)	1	0	0	0	0	0	0	0
Net portfolio holdings of Maiden Lane LLC, Maiden Lane II LLC, and Maiden Lane III LLC	1	1	0	0	0	0	0	0
Securities held outright	2,939	3,276	2,968	2,056	1,755	1,974	2,213	2,479
U.S. Treasury securities	1,796	1,908	1,904	1,506	1,693	1,974	2,213	2,479
Agency debt securities	72	57	33	4	1	0	0	0
Agency mortgage-backed securities	1,071	1,311	1,031	546	61	0	0	0
Net portfolio holdings of TALF LLC	0	0	0	0	0	0	0	0
Total other assets	257	261	216	168	130	112	102	93
Total liabilities	3,152	3,484	3,101	2,115	1,739	1,894	2,060	2,235
Selected liabilities								
Federal Reserve notes in circulation	1,134	1,183	1,333	1,458	1,591	1,746	1,912	2,087
Reverse repurchase agreements	105	100	100	100	100	100	100	100
Deposits with Federal Reserve Banks	1,900	2,190	1,658	547	39	39	39	39
Reserve balances held by depository institutions	1,791	2,088	1,643	533	25	25	25	25
U.S. Treasury, General Account	79	93	5	5	5	5	5	5
Other Deposits	30	9	9	9	9	9	9	9
Interest on Federal Reserve Notes due to U.S. Treasury	2	0	0	0	0	0	0	0
Total capital	55	63	83	110	146	192	255	337

Source: Federal Reserve H.4.1 statistical releases and staff calculations.

Note: Components may not sum to totals due to rounding.