

FED MINUTES: JUSTIFY RATE INCREASE, CHANGE TO ITS REINVESTMENT POLICY SOON

The minutes of the FOMC's March 15th meeting provided support for its decision to raise its Federal funds rate but importantly revealed an extensive discussion of the steps the Fed is considering to begin reducing the size of its balance sheet. The Fed's portfolio has a massive \$4.5 trillion in assets. With signs of the economy improving and inflation at the Fed's long-run target, and with the normalization of interest rates already well underway, addressing the Fed's balance sheet is long overdue. This was the focus of Mickey's testimony to the House Financial Services Committee yesterday (see "[Testimony to House Financial Services Committee](#)", April 4, 2017).

The Fed minutes revealed that "most participants anticipated...that a change to the Committee's reinvestment policy would likely be appropriate later this year." Based on the anticipated pickup in economic growth, drift up in inflation and tight labor markets and rising wages, we now expect the Fed to raise rates in June and September, rather than September and December. Because the Fed is likely to modify its reinvestment policy, we continue to expect only two more rate increases in 2017, for a total of 3 rate increases during the year. However, we now project four hikes in 2018, compared to three previously). This reflects in part our continued expectation that some form of tax and fiscal reform legislation will be enacted. This would imply the Fed funds rate at 1.25%-1.5% at year-end 2017 and 2.25-2.5% at year-end 2018 (see updated outlook table below).

The strong employment, buoyant confidence data and pickup in the US and global economies, along with inflation risks, suggest that three additional rate hikes in 2017 are possible, but in light of the Fed's intention to modify its reinvestment policy that would lead to a decline in its balance sheet, we expect the Fed to pause in its interest rate increases to see how markets and the economy absorb its balance sheet normalization. President of the New York Fed Bill Dudley, in a recent Bloomberg interview stated that, "If we start to normalize the balance sheet, that's a substitute for short-term rate hikes," and "we might actually decide at the same time to take a little pause in terms of raising short-term interest rates."

We note that with the economy growing and financial markets functioning normally, **the Fed's excessively large portfolio of Treasuries (\$2.5 trillion) and mortgage backed securities (\$1.8 trillion)** serves no economic purpose but involves significant interest rate risk and inappropriately involves monetary policy in credit allocation.

In discussing when to change its reinvestment policy, several FOMC participants discussed possibly setting a quantitative threshold linked to the federal funds rate while others thought the start should be qualitative and dependent on the economic outlook. The Committee should establish a strategy that materially but gradually and predictably reduces its balance sheet that involves the least uncertainty, and sticking to that strategy, rather than modifying it in response to every ripple in financial markets and high-frequency economic data. The Fed should learn from its befuddling and evolving use of quantitative triggers and calendar-based methods in ending QEIII and beginning to normalize interest rates, which served only to delay the process.

The Committee is undecided as to whether or not to phase out or cease reinvestments, and cited cons and pros of both. It plans to apply the change in its reinvestment policy to both Treasury securities and agency MBS. Its difficulty in implementing the down-sizing of its portfolio is that nearly all of its MBS holdings are long-dated maturities while a fair chunk of its Treasury holdings are due to mature in the next handful of

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years, and that it would like to reduce the size of its balance sheet through passive runoff of maturing assets rather than outright sales (see Charts 1 and 2). Eventually, we expect the Fed will have to take a more aggressive approach in reducing the size of its MBS holdings through sales. **These tradeoffs and the Fed's sensitivity to market responses make for a difficult Fed decision.**

The Fed's decision on the amount of targeted runoff will be heavily influenced by its perception of the market reaction to its decision. We expect the economy and housing activity to continue to improve, and inflation to drift up. In this context, we expect the Fed will view the option of taking steps to reduce its balance sheet as a favorable substitute to raising rates faster.

If the Fed clearly communicates its plans, financial markets will adjust to the Fed's portfolio unwind strategy, and economic performance will actually improve.

Note that the minutes showed an unusual discussion of financial asset valuations: "Some participants viewed equity prices as quite high relative to standard valuation measures. It was observed that prices of other risk assets, such as emerging market stocks, high-yield corporate bonds, and commercial real estate, had also risen significantly in recent months."

This suggests that the Fed could also be putting its macro prudential "hat" on in the near-to-medium term and as such, could have more reason to tighten policy at a faster-than-expected pace in coming years.

After years of sluggish movement by the Fed, it is finally on the normalization train. Let's just hope that it's not too late.

Table 1: US economic outlook table

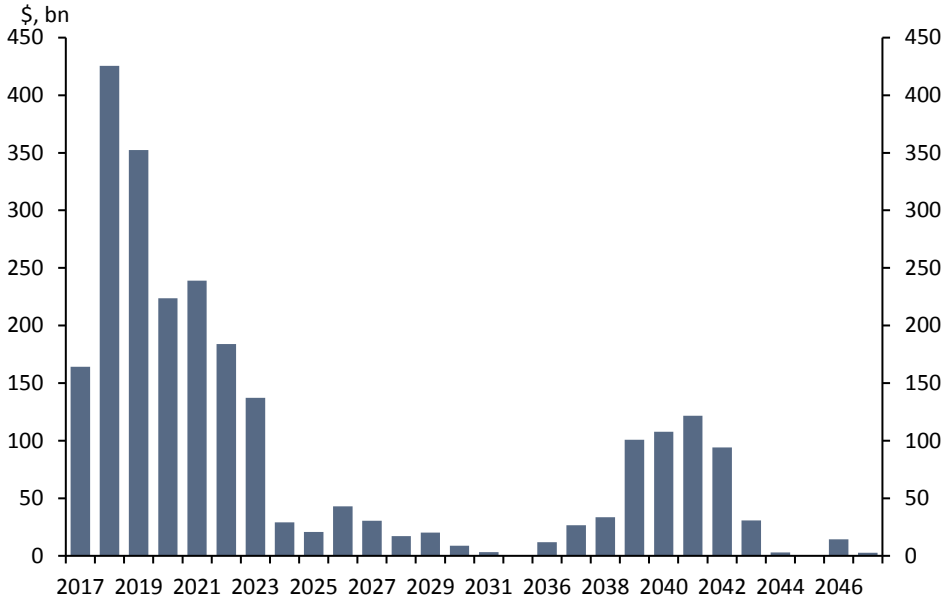
		2015	2016	2017	2018	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17	4Q17	1Q18	2Q18	3Q18	4Q18
GDP	% y/y	2.6	1.6	2.4	2.9	1.6	1.3	1.7	2.0	2.1	2.5	2.4	2.6	3.0	2.9	2.9	2.9
	% q/q					0.2	0.4	0.9	0.5	0.3	0.8	0.7	0.7	0.8	0.7	0.7	0.7
	%q/q ann.					0.8	1.4	3.5	2.1	1.3	3.1	3.0	3.0	3.1	2.7	2.8	2.9
Private Consumption	% y/y	3.2	2.7	2.7	2.7	2.4	2.7	2.8	3.1	3.0	2.7	2.6	2.4	2.8	2.7	2.7	2.6
	% q/q					0.4	1.1	0.7	0.9	0.3	0.7	0.7	0.7	0.7	0.6	0.6	0.6
Residential Investment	% y/y	11.7	4.9	4.2	5.0	11.7	5.7	1.5	1.1	1.1	4.4	6.2	5.1	4.4	4.6	5.3	5.6
	% q/q					1.9	-2.0	-1.1	2.3	1.9	1.1	0.7	1.2	1.3	1.3	1.4	1.5
Non-Residential Investment	% y/y	2.1	-0.5	4.4	6.5	-0.4	-0.5	-1.1	-0.1	2.5	3.6	4.9	6.4	6.3	6.5	6.5	6.6
	% q/q					-0.9	0.2	0.3	0.2	1.7	1.4	1.6	1.6	1.6	1.6	1.7	1.7
Government Spending	% y/y	1.8	0.8	0.3	2.6	1.9	0.7	0.4	0.2	-0.5	0.4	0.5	0.9	2.0	2.3	2.8	3.2
	% q/q					0.4	-0.4	0.2	0.0	-0.3	0.5	0.3	0.4	0.8	0.8	0.8	0.8
Final Dom Demand ¹	% y/y	3.1	2.1	2.5	3.2	2.2	2.0	1.8	2.1	2.3	2.5	2.7	2.7	3.2	3.2	3.3	3.3
	% q/q					0.3	0.6	0.5	0.7	0.5	0.8	0.7	0.8	0.9	0.8	0.8	0.8
Net Exports ¹	% y/y	-0.7	-0.1	-0.4	-0.4	-0.3	-0.2	0.2	-0.2	-0.4	-0.4	-0.6	-0.2	-0.2	-0.4	-0.5	-0.5
	% q/q					0.0	0.0	0.2	-0.5	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
Stockbuilding ^{1,5}	% y/y	0.2	-0.4	0.1	0.0	-0.1	-0.3	0.1	0.3	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nominal GDP	% y/y	3.7	3.0	5.0	5.4	2.8	2.5	2.9	3.8	4.8	5.1	4.9	5.2	5.5	5.5	5.4	5.3
Current Account Balance	USD bn	-463	-503	-560	-622	-133	-120	-116	-134	-139	-140	-140	-142	-147	-153	-158	-163
Industrial Production ²	% of GDP	-2.6	-2.7	-2.9	-3.0	-2.9	-2.6	-2.5	-2.8	-2.9	-2.9	-2.8	-2.9	-2.9	-3.0	-3.1	-3.1
	% y/y	0.3	-1.0	1.6	3.1	-1.6	-1.1	-1.1	-0.1	0.6	1.4	1.9	2.6	3.2	3.4	3.1	2.9
Unemployment Rate ²	% q/q					-0.4	-0.2	0.4	0.1	0.3	0.5	1.0	0.7	0.9	0.7	0.6	0.6
	%	5.3	4.9	4.6	4.5	4.9	4.9	4.9	4.7	4.7	4.6	4.6	4.5	4.5	4.5	4.5	4.4
CPI ²	% y/y	0.1	1.3	2.6	2.4	1.1	1.1	1.1	1.8	2.7	2.5	2.5	2.6	2.4	2.5	2.5	2.4
Core PCE ²	% y/y	1.4	1.7	1.8	2.0	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9	2.0	2.1
Federal Govt. Balance ^{3,6}	% of GDP	-2.4	-3.0	-3.2	-3.6												
General Govt. Debt	% of GDP	101.5	101.6	99.9	98.4												
Fed Funds Rate ⁴	%	0.50	0.75	1.50	2.50	0.50	0.50	0.50	0.75	1.00	1.25	1.50	1.50	1.75	2.00	2.25	2.50

¹ Contribution to GDP growth ² Period averages ³ Federal budget balance ⁴ End of period

⁵ Annual data refers to yoy change and quarterly data refers to qoq change

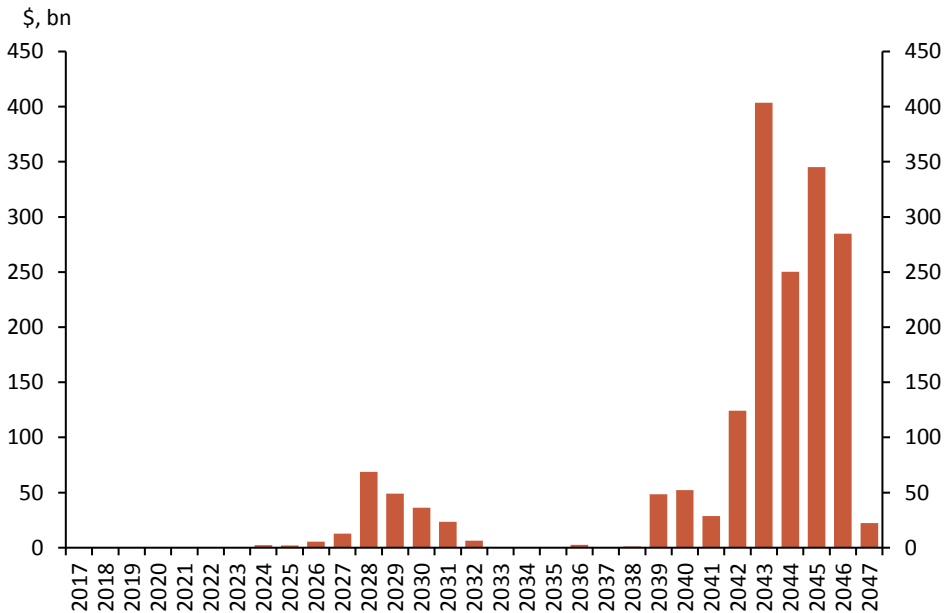
⁶ Differs from Maastricht definition used for European countries. Under Maastricht, the balance would be -4.4% in 2015 and -4.6% in 2016 (EU Commission)

Chart 1: Maturity of Fed Holdings of US Treasury Securities



Source: Federal Reserve and Berenberg Capital Markets

Chart 2: Maturity of Fed Holdings of MBS*



*Note: Assumes no amortization. Source: Federal Reserve and Berenberg Capital Markets

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