## EM EQUITIES PUSHED HIGHER IN AUGUST AS REST OF WORLD TOOK A BREATHER

- U.S. equity markets yawned as summer vacations wound down and kids headed back to school.
  Large cap stocks finished modestly higher while mid- and small-caps saw noteworthy pullbacks.
- Among global equities, EM stocks again led the way. After declining more than 3% during the second week, EM equities rallied more than 4% to finish the month 2.2% higher and are now up 28.7% YTD.
- Technology again led all sectors, finishing the month 3.2% higher; it now accounts for 46% of the S&P 500's YTD return and 23% of its market cap.
  Apple, Facebook, Microsoft and Google account for 59% of the sector's year-to-date return.
- Realized equity market volatility was low on average, but was itself volatile, and finished the month at its highest level since May.
- The correlation between stocks and bonds pushed higher in August, but remained negative. Bond prices rose as the yield curve flattened; the yield on the 10-year Treasury fell by 18 bps, its largest one-month decline since June 2016.



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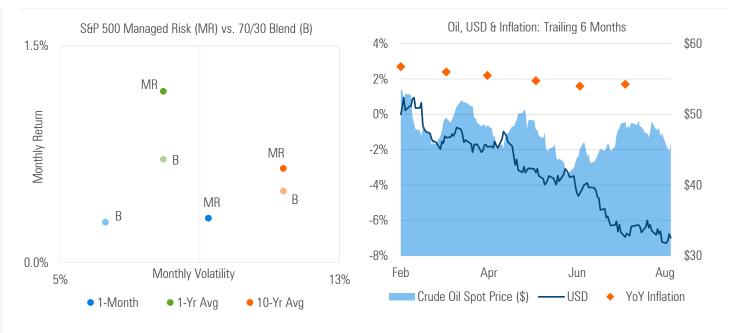
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Market Commentary: August 2017

- The dollar attempted to rally through the middle of the month, only to retreat and finish August marginally lower, notching its sixth consecutive monthly decline.
- After rising by nearly \$4 in July, the price of Midland crude oil fell three dollars in August.
- The dollar's decline notwithstanding, inflation remains low. The most recent year-over-year measure of 1.7% is one percentage point below where it was just six months ago, even though the dollar lost 7% of its value over the same period.
- After closing below 10 for 10 consecutive days in July, (something it had never come close to doing before), the VIX quickly climbed 60% to its 2017 high, before reverting lower and finishing the month where it began.
- The relatively higher volatility during the month was not high enough to cause the S&P 500 Managed Risk Index to reduce its 100% equity allocation. It matched the return of the S&P 500 and outperformed a 70/30 stock/bond\* blend by three bps.

\*As measured by the S&P 500 Index and the S&P US Aggregate Bond Index.



Total Returns as of August 31, 2017										
	S&P 500	S&P 500 MR	S&P 400	S&P 600	S&P EPAC	S&P EM	S&P Global 1200	S&P US AGG	Crude Oil	US Dollar
1 Month	0.3%	0.3%	-1.5%	-2.6%	-0.1%	2.2%	0.3%	0.8%	-6.2%	0.0%
3 Months	3.0%	3.0%	0.9%	1.3%	2.7%	9.2%	3.6%	1.1%	-4.0%	-3.8%
6 Months	5.7%	5.7%	0.9%	-0.1%	12.2%	18.1%	8.9%	2.5%	-14.2%	-7.0%
1 Year	16.2%	16.2%	12.4%	13.1%	18.0%	24.6%	17.6%	0.4%	3.0%	-2.9%



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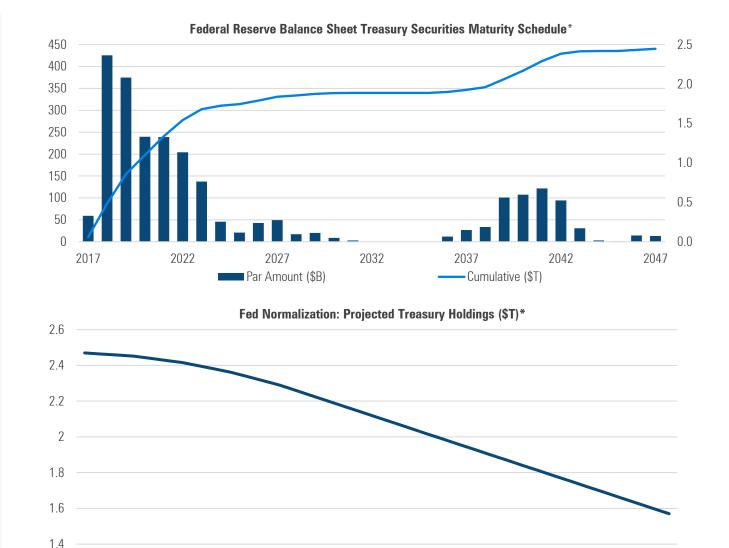
Market Commentary: August 2017

# THE FED, THE TREASURY AND THE FATE OF INTEREST RATES

- Thinking about rates through a lens of supply and demand is of course nothing new. The current, post-crisis circumstances, however, present a new context in which to conduct such an examination.
- Heading into 2018 a confluence of circumstances have the potential to simultaneously affect both the supply of and demand for government bonds.

### **DEMAND**

- Coming out of its end-of-July FOMC meeting, the Fed's official statement noted that, "*The committee expects to begin implementing its balance sheet normalization program relatively soon, provided that the economy evolves broadly as anticipated.*"
- In its <u>Addendum to the Policy Normalization</u> <u>Principles and Plans</u> released in June 2017, the Fed outlined a path for reducing the monthly amount of principal reinvestment.
- A reduction in the Fed's steady, inelastic demand for Treasuries will generate upward pressure on rates. This, however, is just a first order effect.



Sep 2019

\* Source: Federal Reserve

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Market Commentary: August 2017

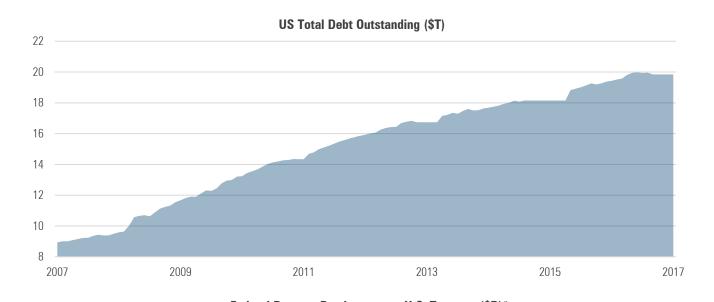
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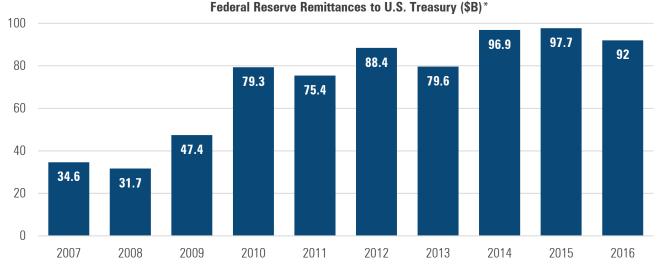
#### **SUPPLY**

- As the Fed begins normalization, the national debt continues to grow. Up \$750 billion in the last 12 months, the debt now sits at \$20 trillion.
- The Fed remits all its profits to the US Treasury, which has amounted to hundreds of \$billions postcrisis. As the Fed reduces its holdings (while also paying higher interest rates on excess reserves) it will earn less income and have less profit to remit to the Treasury:

 $\mathbf{I}$  Revenues +  $\mathbf{I}$  Expenses =  $\mathbf{I}$  Fed Profit

- All else equal, smaller Fed remittances will induce the Treasury to issue more bonds at precisely the same time the Fed is putting upward pressure on rates via reduction of its own demand.
- This would increase the government's interest expense as a function of both a larger debt load and potentially higher coupon payments, which in turn could trigger a need to issue more debt.
- Absent fiscal austerity, it's not difficult to envision a feedback loop that could begin to push rates quickly higher.





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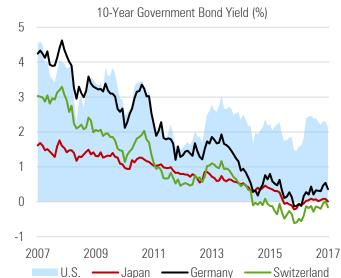
Market Commentary: August 2017

#### **MITTIGATING FACTORS**

- If Congress were to rein in spending and move to budget surpluses, the supply of debt would level off and begin to diminish, generating downward pressure on rates, offsetting upward pressure from the reduction of Fed demand.
- Ultra-low rates elsewhere in the developed world such as Europe and Japan continue to anchor US rates. Foreign demand for US Treasuries is down from its 2015 peak, but still well above its level immediately preceding the crisis.
- To the extent that foreign yields remain low, they act as a counterweight to US yields that would otherwise be prone to drift higher.
- The Fed's shrinking demand for bonds will be a gradual process. If normalization were to begin in January, the Fed would remain a buyer of bonds, with nearly \$400 billion that will mature in 2018 and 2019, and have to be reinvested.

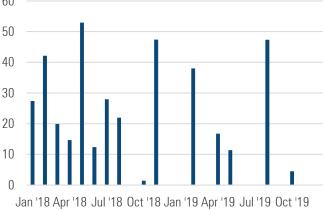
The unprecedented nature of these circumstances leaves investors much to be wary of. How markets react is anyone's guess. Diligent risk management will remain important for investors as monetary and fiscal policy unfold in the coming months and years.











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