

The Weekly Bottom Line

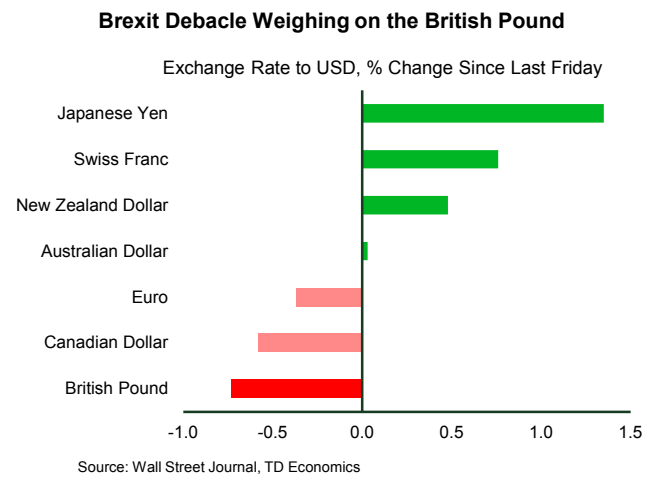
March 22, 2019

Highlights of the Week

- The Fed's dots showed that it only expects to hike rates once more by the end of 2020, sending Treasury yields lower mid-week.
- On Friday, weakness in March manufacturing surveys in Europe, Japan, and the U.S. sent longer-term U.S. yields low enough to invert the yield curve. A yield curve inversion has historically preceded a recession by up to eight quarters.
- In a separate drama, the UK has earned a two-week extension on its Brexit deadline to April 12th. It remains to be seen if the UK's parliament will pass the current deal reached with the EU, and so further cliffhangers are likely.

This Week in the Markets				
	Current*	Week Ago	52-Week High	52-Week Low
Stock Market Indexes				
S&P 500	2810	2822	2931	2351
S&P/TSX Comp.	16073	16140	16567	13780
DAX	11384	11686	13170	10382
FTSE 100	7208	7228	7877	6585
Nikkei	21627	21451	24271	19156
Fixed Income Yields				
U.S. 10-yr Treasury	2.44	2.59	3.24	2.44
Canada 10-yr Bond	1.59	1.72	2.60	1.59
Germany 10-yr Bund	-0.03	0.08	0.65	-0.03
UK 10-yr Gilt	1.01	1.21	1.73	1.01
Japan 10-yr Bond	-0.07	-0.03	0.16	-0.07
Foreign Exchange Cross Rates				
C\$ (USD per CAD)	0.75	0.75	0.80	0.73
Euro (USD per EUR)	1.13	1.13	1.24	1.12
Pound (USD per GBP)	1.32	1.33	1.43	1.25
Yen (JPY per USD)	109.9	111.5	114.5	104.7
Commodity Spot Prices**				
Crude Oil (\$US/bbl)	59.0	58.5	76.4	42.3
Natural Gas (\$US/MMBtu)	2.80	2.91	4.80	2.56
Copper (\$US/met. tonne)	6433.0	6445.8	7330.5	5713.8
Gold (\$US/troy oz.)	1312.7	1302.5	1353.4	1174.2

*as of 12:36 pm on Friday. **Oil-WTI, Cushing, Nat. Gas-Henry Hub, LA (Thursday close price), Copper-LME Grade A, Gold-London Gold Bullion; Source: Bloomberg.



Global Official Policy Rate Targets	
	Current Target
Federal Reserve (Fed Funds Rate)	2.25 - 2.50%
Bank of Canada (Overnight Rate)	1.75%
European Central Bank (Refi Rate)	0.00%
Bank of England (Repo Rate)	0.75%
Bank of Japan (Overnight Rate)	-0.10%

Source: Central Banks.

TD Economics Key Forecasts													
	Current Rate 3/22/19	2018				2019				2020			
		Q1	Q2	Q3	Q4	Q1F	Q2F	Q3F	Q4F	Q1F	Q2F	Q3F	Q4F
Fed Funds Target Rate (%)	2.50	1.75	2.00	2.25	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
2-yr Govt. Bond Yield (%)	2.32	2.27	2.52	2.81	2.48	2.45	2.50	2.50	2.50	2.50	2.50	2.50	2.50
10-yr Govt. Bond Yield (%)	2.44	2.74	2.85	3.05	2.69	2.65	2.70	2.75	2.85	2.85	2.85	2.85	2.85
30-yr Govt. Bond Yield (%)	2.87	2.97	2.98	3.19	3.02	2.90	2.95	3.00	3.10	3.10	3.10	3.10	3.10
Real GDP (Q/Q % Chg)*	2.6 (Q4-18)	2.2	4.2	3.4	2.6	1.0	2.8	2.3	2.2	1.8	1.9	1.6	1.8
CPI (Y/Y % Chg.)	1.5 (Feb-19)	2.2	2.7	2.6	2.2	2.1	1.9	1.9	2.0	1.9	2.1	2.2	2.2
Unemployment Rate (%)	3.8 (Feb-19)	4.1	3.9	3.8	3.8	3.8	3.7	3.6	3.7	3.7	3.7	3.7	3.8

Forecast by TD Economics as of March 2019. Source: Bloomberg, TD Economics. *Annualized

When The Dots Are Down

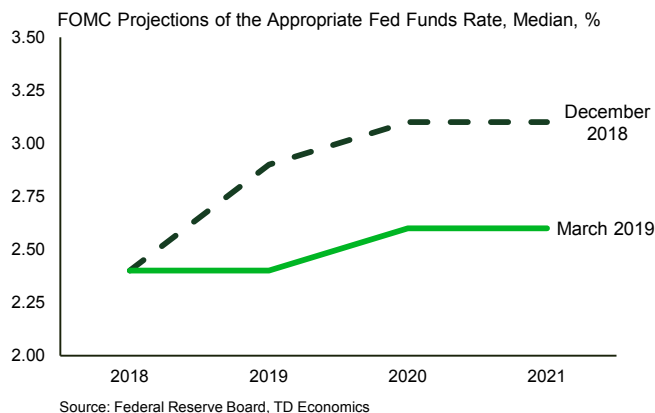
The Fed’s revelation that it only expects to hike rates once by the end of 2020 fanned equity market flames through much of the week. However, a souring in March PMI surveys for Japan and Europe, dampening expectations of a modest rebound in these regions in 19Q2, snuffed out some of that optimism. Global treasury yields moved down sharply, causing the U.S. yield curve to invert slightly today (Chart 1). A yield curve inversion has historically preceded a recession by up to eight quarters (see [report](#)).

The Fed meeting was the first opportunity for it to present updated economic projections since they pivoted to a patient stance in January. In the statement, FOMC officials downgraded their assessment of current economic conditions. Moreover, the committee reaffirmed that it “will be patient as it determines what future adjustments to the target range may be appropriate”, which is unchanged from the January statement.

Markets were waiting for the Fed’s dot plot downgrade, and it didn’t disappoint. The majority of FOMC members (11 of 17) do not expect to raise rates in 2019, down from a median expectation of two hikes in December (Chart 2). For 2020, the median expectation is one hike. The longer-run expected level of the fed funds rate is 2.8%, which is unchanged from December.

These lower rate expectations came alongside a modest downgrade to real GDP growth to 2.1% in 2019 (prev. 2.3%), and 1.9% in 2020 (prev. 2.0%). The unemployment

Chart 2: FOMC's Fed Funds Rate View Revised Lower



rate forecast was raised two-tenths in 2019 and 2020, and one tenth in 2021. Inflation expectations, however, were unchanged, suggesting that the Fed’s expected monetary policy path should keep inflation on target.

Given a muted inflation backdrop, deteriorating economic outlook and uncertainty about the path of Brexit, an extended pause on hikes continues to be a prudent course of action and remains in line with our recent [forecast](#).

Adding to Europe’s economic woes is the extended period of Brexit uncertainty. The EU agreed to extend the Brexit cliffhanger until April 12th if the UK’s parliament votes against the withdrawal agreement for the third time next week. That gives Theresa May three weeks to sell her negotiated Brexit deal to parliament. If the withdrawal agreement is eventually passed, it will have until May 22nd to sort out the logistics for withdrawal.

The upside of a shorter extension than May had requested is it should reduce the duration of Brexit-related uncertainty, which is exacting a toll largely on UK economic activity, but also weighing on European sentiment. Our UK economic forecast was downgraded last week to a 1.2% pace in 2019, versus 1.6% in our December outlook. In its decision to leave rates on hold this week, the Bank of England continued to fret about Brexit developments. With Brexit developments in flux and weak foreign demand, we expect the BoE may remain on the sidelines through 2019.

Leslie Preston, Senior Economist

Chart 1: U.S. Yield Curve Inverts



Upcoming Key Economic Releases

U.S. Personal Income & Spending – January/February

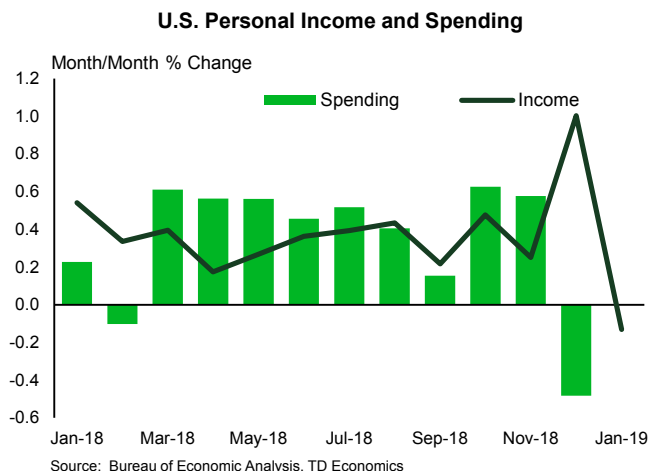
Release Date: March 29, 2019

Previous: Spending: -0.5% m/m; income: -0.1%

TD Forecast: Spending: 0.4% m/m; income (Feb): 0.3%

Consensus: Spending: 0.3% m/m; income (Feb): 0.3%

In line with the CPI print and maintaining its recent pace, we expect core PCE inflation to have advanced 0.2% m/m in January. This should keep the annual rate slightly below 2% for a fourth straight month. Conversely, spending should have bounced back from December's large 0.5% contraction. We pencil in a 0.4% jump but see scope for a smaller increase. In the details, we expect a 0.5% m/m increase in services spending to be the main driver of the rebound, with a rise in spending on nondurables also helping on the headline. On the contrary, we see spending on durables acting as a headwind in January. All in, our headline forecast would suggest spending is tracking a soft 0.5% q/q increase for Q1.



*Forecast by Rates and FX Strategy Group. For further information, contact TDRates&FXCommoditiesResearch@tdsecurities.com

Recent Key Economic Indicators: Mar 18 - Mar 22, 2019					
Release Date	Economic Indicator/Event	Data for Period	Units	Current	Prior
United States					
Mar 18	NAHB Housing Market Index	Mar	Index	62.0	62.0
Mar 19	Factory Orders	Jan	M/M % Chg.	0.1	0.1
Mar 19	Factory Orders Ex Trans	Jan	M/M % Chg.	-0.2	-0.5
Mar 19	Durable Goods Orders	Jan	M/M % Chg.	0.3	0.4
Mar 19	Durables Ex Transportation	Jan	M/M % Chg.	-0.2	-0.1
Mar 19	Cap Goods Orders Nondef Ex Air	Jan	M/M % Chg.	0.8	0.8
Mar 20	FOMC Rate Decision (Upper Bound)	Mar 20	%	2.50	2.50
Mar 20	Interest Rate on Excess Reserves	Mar 21	%	2.40	2.40
Mar 21	Initial Jobless Claims	Mar 16	Thsd	221.0	230.0
Mar 22	Markit US Manufacturing PMI	Mar	Index	52.5	53.0
Mar 22	Markit US Services PMI	Mar	Index	54.8	56.0
Mar 22	Existing Home Sales	Feb	Mlns	5.1	4.9
Mar 22	Wholesale Trade Sales	Jan	M/M % Chg.	0.5	-0.9
Canada					
Mar 21	Wholesale Trade Sales	Jan	M/M % Chg.	0.6	0.3
Mar 22	Consumer Price Index Core- Trim	Feb	Y/Y % Chg.	1.9	1.9
Mar 22	Consumer Price Index Core- Median	Feb	Y/Y % Chg.	1.8	1.8
Mar 22	Consumer Price Index Core- Common	Feb	Y/Y % Chg.	1.8	1.9
Mar 22	Consumer Price Index	Feb	Y/Y % Chg.	1.5	1.4
Mar 22	Retail Sales	Jan	M/M % Chg.	-0.3	-0.3
Mar 22	Retail Sales Ex Auto	Jan	M/M % Chg.	0.1	-0.8
Mar 22	Consumer Price Index NSA	Feb	M/M % Chg.	0.7	0.1
International					
Mar 19	EZ Markit Eurozone Manufacturing PMI	Mar	Index	47.6	49.3
Mar 20	UK Consumer Price Index	Feb	Y/Y % Chg.	1.9	1.8
Mar 21	JN Natl Consumer Price Index	Feb	Y/Y % Chg.	0.2	0.2
Mar 21	JN Nikkei Japan PMI Mfg	Mar	Index	48.9	48.9
Mar 22	EZ Markit Eurozone Services PMI	Mar	Index	52.7	52.8

Source: Bloomberg, TD Economics.

Upcoming Economic Releases and Events: Mar 25 - 29, 2019						
Release Date	Time*	Economic Indicator/Event	Data for Period	Units	Consensus Forecast	Last Period
United States						
Mar 25	2:00	<i>Fed's Charles Evans speaks at conference in Hong Kong</i>				
Mar 25	6:30	<i>Fed's Patrick Harker speaks at the OMFIF City Lecture in London, UK</i>				
Mar 26	8:00	<i>Fed's Patrick Harker speaks at the ECB and Deutsche Bundesbank event in Frankfurt, Germany</i>				
Mar 26	8:30	Housing Starts	Feb	Thsd	1223.0	1230.0
Mar 26	8:30	Building Permits	Feb	Thsd	1320.0	1317.0
Mar 26	9:00	S&P CoreLogic CS US HPI NSA	Jan	Y/Y % Chg.	-	4.7
Mar 26	10:00	Conf. Board Consumer Confidence	Mar	Index	132.0	131.4
Mar 26	20:30	<i>Fed's Eric Rosengren speaks at conference in Hong Kong</i>				
Mar 27	8:30	Trade Balance	Jan	Blns	-57.3	-59.8
Mar 27	10:00	Current Account Balance	4Q	Blns	-130.0	-124.8
Mar 27	19:00	<i>Fed's Esther George speaks on economic outlook in New York City, NY</i>				
Mar 28	8:30	Gross Domestic Product Annualized	4Q	Q/Q % Chg.	2.4	2.6
Mar 28	8:30	Personal Consumption	4Q	Q/Q % Chg.	-	2.8
Mar 28	8:30	Core Personal Consumption Expenditure	4Q	Q/Q % Chg.	-	1.7
Mar 28	8:30	Initial Jobless Claims	Mar 23	Thsd	-	221.0
Mar 28	10:00	Pending Home Sales	Feb	M/M % Chg.	0.5	4.6
Mar 28	11:30	<i>Fed's Raphael Bostic speaks at the Commerce Club in Atlanta, GA</i>				
Mar 28	18:20	<i>Fed's James Bullard speaks in Madison, WI</i>				
Mar 29	8:30	Personal Income	Feb	M/M % Chg.	0.3	-0.1
Mar 29	8:30	Real Personal Spending	Jan	M/M % Chg.	-	-0.6
Mar 29	8:30	Personal Consumption Expenditure Deflator	Jan	Y/Y % Chg.	-	1.7
Mar 29	8:30	Personal Consumption Expenditure Core	Jan	Y/Y % Chg.	-	1.9
Mar 29	10:00	New Home Sales	Feb	Thsd	621.0	607.0
Canada						
Mar 27	8:30	Int'l Merchandise Trade	Jan	CAD, Blns	-	-
Mar 28	6:00	CFIB Business Barometer	Mar	Index	-	59.0
Mar 29	8:30	Gross Domestic Product	Jan	M/M % Chg.	-	-0.1
Mar 29	8:30	Industrial Product Price	Feb	M/M % Chg.	-	-0.3
International						
Mar 28	19:30	JN Tokyo Consumer Price Index	Mar	Y/Y % Chg.	0.6	0.6
Mar 28	19:50	JN Retail Sales	Feb	M/M % Chg.	-	-1.8
Mar 29	5:30	UK Gross Domestic Product	4Q	Y/Y % Chg.	1.3	1.3
Mar 29	6:00	EZ Consumer Price Index Core	Mar	Y/Y % Chg.	1.0	1.0

* Eastern Standard Time. Source: Bloomberg, TD Economics.

Note: Some data releases may be impacted by the recent U.S. partial government shutdown.

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