

Today's Commentary

North American benchmark indices continued to hit all time-highs on Friday, as China cut interest rates for the first time since 2012 in an attempt to support its economy. In addition, strong labour and housing data suggests the US is continuing its strong recovery despite problems overseas. The S&P 500 advanced 10.75 (0.52%) to 2,063.50, while the Dow rose 91.06 (0.51%) to 17,810.06. The TSX rose 35.95 (0.24%) to 15,111.13. The Canadian dollar also increased, as oil prices gained \$0.66 to \$76.51 and gold rose \$7.67 to \$1,202.20. In contrast, the euro contracted as Mario Draghi stated that the ECB needed to increase inflation and may begin to expand its asset-purchasing program. The yield on US 10s fell 3bps to 2.31%, with Canadian 10s falling 1bps to 2.01%.

Europeans stocks soared by Friday's close, with the Stoxx 50 up almost 3% on the day. Conversely, the euro weakened approximately 1% versus the greenback by the end of the trading day in Frankfurt. Mario Draghi reaffirmed his resoluteness in kick-starting European growth at a conference in Frankfurt, saying "we will do what we must to raise inflation and inflation expectations as fast as possible, as our price-stability mandate requires". Eurozone inflation was at a tepid 0.4% in the third quarter, significantly below the ECB's target of just below 2%. "Super Mario" (Draghi) has shown a great ability to get investors dancing to his dovish tune. The ECB's next monetary policy meeting on Dec. 4 will be an opportunity for Draghi to let his actions do the talking, as the extent to which the ECB can realistically supplement its stimulus efforts remains to be seen.

Canadian CPI data released Friday came in at 2.4%, indicating Canada's inflation rate is increasing faster than anticipated. This is primarily due to price increases in fuel and clothing which rose 0.6% and 3.1% respectively over the past year. The y/y core inflation rate for October was 2.3%, compared to economists' estimates of 2.1%, and has been above the BoC's target rate of 2% for the majority of the past 6 months. On the release of high inflation numbers, the loonie appreciated the most in nearly two months on speculation that the Bank of Canada may need to accelerate increases to its interest rate schedule. The overnight lending rate has remained at 1% for the past four years, and the BoC is predicted to maintain this level until the final quarter of next year.

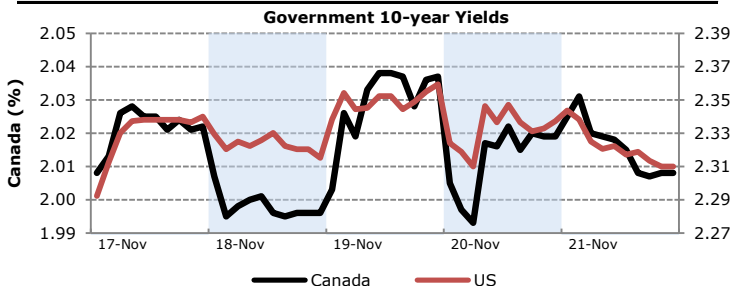
The Daily Roll is written by MFE Candidates Mark Belisle, Radu Dragomir and Kathleen Glofcheskie in partnership with the Rotman Finance Association. Please email dailyroll@economics.utoronto.ca to subscribe/unsubscribe.

Today's Major Economic Releases

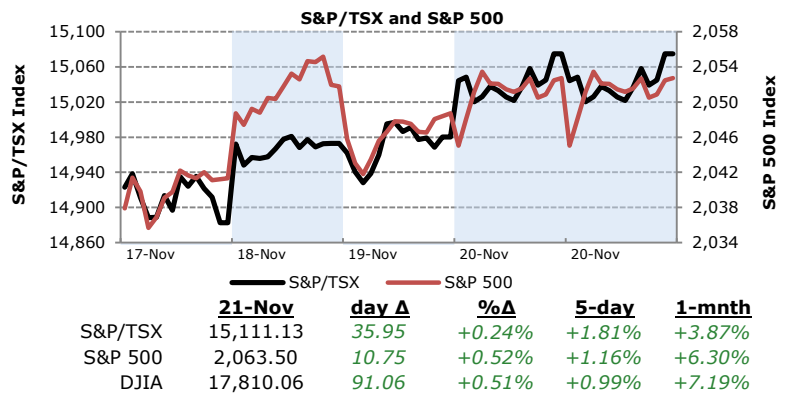
United States	Period	Survey	Actual	Prior
None Scheduled				

Canada	Period	Survey	Actual	Prior
None Scheduled				

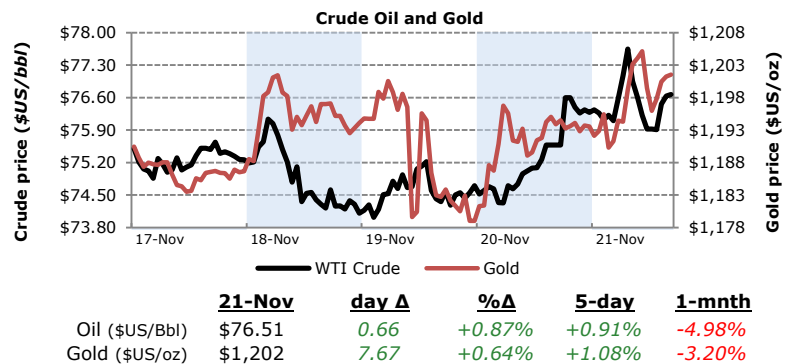
Interest Rates



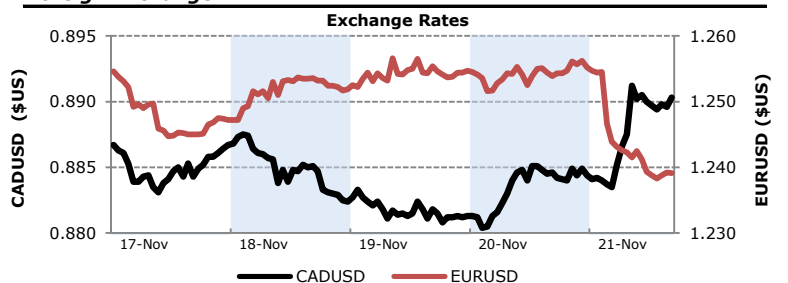
Equities



Commodities



Foreign Exchange



(USDCAD implies \$1-USD to CAD)

Spot	21-Nov	day Δ	Historical levels		
			-5 days	-1 mnth	-1 year
USDCAD	\$1.123	-0.007	1.129	1.123	1.052
EURUSD	\$1.239	-0.015	1.253	1.265	1.348
USDJPY	¥117.79	-0.420	116.290	108.27	101.16

	21-Nov	day Δ	Historical levels		
			-1 mnth	-3 mnths	-1 year
Government 10-year Yields					
Canada	2.01%	-0.011%	1.96%	2.07%	2.62%
United States	2.31%	-0.027%	2.22%	2.40%	2.78%

Master of Financial Economics Program

The Master of Financial Economics Program at the University of Toronto is a collaborative program of the Department of Economics and the Rotman School of Management. The program's key objective is to provide a broad understanding of Financial Theory and the Economics framework upon which that theory is based. Students follow a three-term, 16-month program, with 12 one-term courses and a four-month summer internship. For more information on the program and its students please see the website below.

<http://www.economics.utoronto.ca/index.php/index/mfe/>

Rotman Finance Association



The purpose of the Rotman Finance Association is to bridge the gap between classroom financial theory and finance-based careers by offering students industry speaker sessions, alumni networking seminars and competitions. For more information please see the website below.

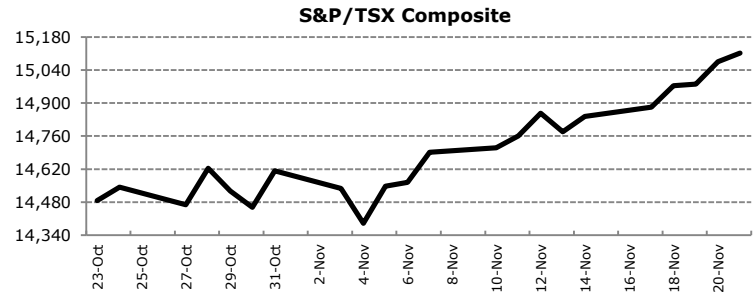
<http://www.rotman.utoronto.ca/financeassociation>

Sponsored By:



The information contained in this report is intended for educational and informative purposes only, and has been obtained from publicly-available sources, without independent verification of the accuracy thereof. The author, the MFE Program, and the Rotman Finance Association, jointly and severally expressly disclaim any responsibility for the completeness and/or accuracy of the information contained herein. The opinions expressed herein are based upon the analyses and interpretations of author(s), and are not necessarily reflective of the views or opinions of the MFE Program, Rotman Finance Association, or the University of Toronto. Nothing in this report should be construed as a solicitation, recommendation, or offer to buy or sell the securities mentioned herein. **Unauthorized use or reproduction is strictly prohibited.**

	21-Nov	day Δ	%Δ
S&P/TSX	15,111.13	35.95	+0.24%
Trailing S&P/TSX TSX 60			
5-day	+1.81%	+1.81%	
1-month	+3.87%	+4.62%	
3-months	-2.86%	-1.73%	
6-months	+3.15%	+4.65%	
12-months	+12.14%	+13.01%	



TSX Sector Returns

	1-day	5-day	1-mnth	12-mnths
C. Discretionary	-0.18%	+0.90%	+7.19%	+22.70%
C. Staples	-0.41%	+0.85%	+9.43%	+34.68%
Energy	+1.82%	+2.98%	-0.29%	-2.25%
Financials	-0.24%	+0.76%	+4.66%	+11.42%
Healthcare	+0.04%	+3.37%	+4.88%	+23.05%
Info Tech	-0.29%	-2.20%	+7.41%	+32.65%
Industrials	+0.02%	+0.93%	+4.00%	+21.78%
Materials	+0.79%	+4.67%	+0.60%	+2.50%
Metals & Mining	+5.74%	+6.39%	+6.12%	-1.30%
Telecom	-0.11%	+1.34%	+6.64%	+9.64%
Utilities	+0.12%	+3.91%	+6.48%	+11.74%

TSX Top Performers

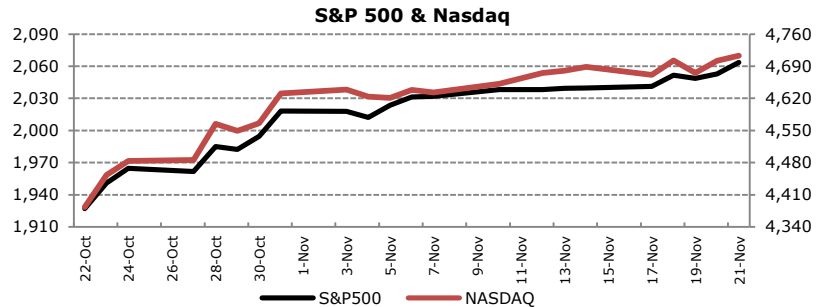
<i>Ranked by 1-day</i>	1-day	5-day	1-mnth	12-mnths
Lightstream Resources Ltd	+15.38%	+39.29%	-2.31%	-23.46%
Teck Resources Ltd-Cls B	+9.44%	+10.17%	+10.35%	-22.76%
Dominion Diamond Corp	+8.97%	+9.38%	+9.38%	+26.42%
Primero Mining Corp	+7.22%	+22.57%	-1.75%	-7.34%
First Quantum Minerals Lt	+7.17%	+9.51%	-3.43%	+4.32%

TSX Worst Performers

<i>Ranked by 1-day</i>	1-day	5-day	1-mnth	12-mnths
Torex Gold Resources Inc	-2.63%	+8.03%	-9.76%	+54.17%
Canadian Energy Services	-2.39%	-2.61%	-1.45%	+38.53%
Alimentation Couche-Tard	-2.33%	-3.54%	+5.93%	+60.34%
Cineplex Inc	-1.85%	-2.67%	+4.45%	+5.47%
Eldorado Gold Corp	-1.80%	+1.43%	-10.68%	+12.60%

US Indices

<i>Trailing</i>	S&P 500	DJIA	Nasdaq
21-Nov	2,063.50	17,810.06	4,712.97
1-day	+0.52%	+0.51%	+0.24%
5-day	+1.16%	+0.99%	+0.52%
1-month	+6.30%	+7.19%	+6.64%
3-months	+3.57%	+4.52%	+3.99%
6-months	+9.29%	+7.72%	+14.07%
12-months	+14.90%	+11.24%	+18.74%



S&P 500 Sector Returns

	1-day	5-day	1-mnth	12-mnths
C. Discretionary	+0.23%	+1.13%	+6.00%	+8.76%
C. Staples	+0.45%	+1.42%	+6.44%	+12.89%
Energy	+1.22%	+2.50%	+2.57%	+0.54%
Financials	+0.54%	+0.68%	+5.77%	+13.27%
Healthcare	+0.39%	+1.53%	+7.32%	+25.14%
Info Tech	+0.21%	+0.42%	+8.17%	+24.67%
Industrials	+0.98%	+1.52%	+7.98%	+13.72%
Materials	+1.26%	+2.76%	+4.44%	+13.53%
Telecom	+0.11%	-1.79%	+2.78%	+2.81%
Utilities	+0.38%	+1.70%	+3.98%	+18.26%

DJIA Top Performers

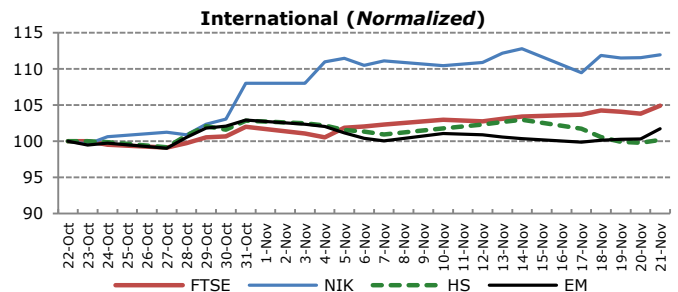
<i>Ranked by 1-day</i>	1-day	5-day	1-mnth	12-mnths
Caterpillar Inc	+4.27%	+5.04%	+11.01%	+33.08%
United Technologies Corp	+1.36%	+2.65%	+8.75%	+2.65%
Chevron Corp	+1.08%	+1.94%	+3.99%	-0.53%

DJIA Worst Performers

<i>Ranked by 1-day</i>	1-day	5-day	1-mnth	12-mnths
Microsoft Corp	-1.48%	-2.62%	+7.58%	+31.84%
Intel Corp	-1.00%	+4.83%	+9.85%	+45.59%
American Express Co	-0.25%	-0.31%	+5.55%	+8.84%

International Markets

<i>Trailing</i>	FTSE 100	Nikkei	Hang Seng	MSCI EM
Last Close	6,750.76	17,357.51	23,437.12	1,004.35
1-day	+1.08%	+0.33%	+0.37%	+1.44%
5-day	+1.45%	-0.76%	-2.70%	+1.37%
1-month	+5.94%	+17.25%	+1.51%	+2.30%
3-months	-0.40%	+11.36%	-6.23%	-7.17%
6-months	-1.03%	+23.61%	+2.63%	-2.65%
12-months	+1.04%	+12.96%	-0.61%	+0.01%



This market summary has been created by candidates in the University of Toronto's Master of Financial Economics Program (the "MFE Program"). The information contained herein is intended for educational and informative purposes only, and has been obtained from publicly-available sources, without independent verification of the accuracy thereof. The author, the MFE Program, and the Rotman Finance Association, jointly and severally expressly disclaim any responsibility for the completeness and/or accuracy of the information contained herein. The opinions expressed herein are based upon the analyses and interpretations of the Author, and are not necessarily reflective of the views or opinions of the MFE Program, Rotman Finance Association, or the University of Toronto. Nothing in this report should be construed as a solicitation, recommendation, or offer to buy or sell the securities mentioned herein. **Unauthorized use or reproduction is strictly prohibited.**

Nymex WTI Crude Oil

(\$US/Bbl)	21-Nov	day Δ	%Δ	5-day	1-mnth
Prompt	\$76.51	+\$0.66	+0.87%	+0.91%	-4.98%
Cal 15	\$76.75	+\$0.94	+1.24%	+1.02%	-9.85%
Cal 16	\$77.42	+\$1.04	+1.36%	+0.74%	-8.21%

(\$US/bbl)	Q2-15	Q3-15	Q4-15	Q1-16	2016
Consensus Forecast	\$87.50	\$90.40	\$91.50	\$94.50	\$90.00
Current Forward	\$76.80	\$76.80	\$76.82	\$76.94	\$77.42

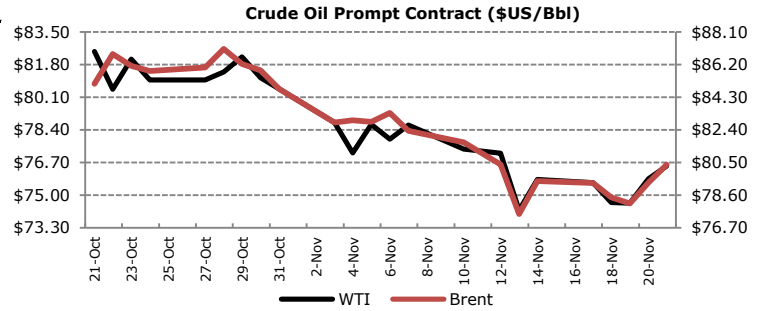
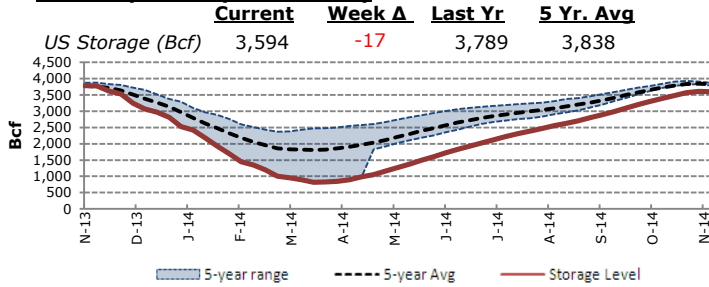
Inventory Levels (as of Nov-14)

(MBbls)	Current	Week Δ	Last Yr	5 Yr. Avg
Crude Oil	381,078	+2,608	337,426	319,411
Motor Gas	204,599	+1,034	214,389	200,481
Distillates	114,794	-2,056	171,756	140,851

Nymex Natural Gas

(\$US/MMbtu)	21-Nov	day Δ	%Δ	5-day	1-mnth
Prompt	\$4.27	-\$0.22	-4.97%	+6.12%	+16.59%
Dec14-Mar15	\$4.22	-\$0.20	-4.42%	+5.76%	+7.17%
Apr15-Oct15	\$3.71	-\$0.08	-1.99%	+0.44%	-1.06%
Nov15-Mar16	\$4.00	-\$0.05	-1.20%	+0.12%	-1.36%
Apr16-Oct16	\$3.78	-\$0.02	-0.53%	-0.70%	-2.83%

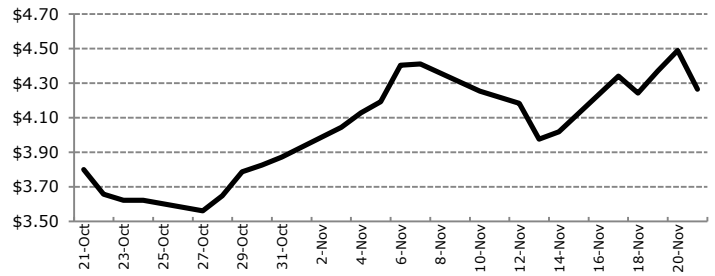
Inventory Levels (as of Nov-14)



UK Brent Crude Oil

(\$US/Bbl)	21-Nov	day Δ	%Δ	5-day	1-mnth
Prompt	\$80.36	+\$1.03	+1.28%	+1.20%	-7.45%

Nat Gas Prompt (\$US/MMbtu)

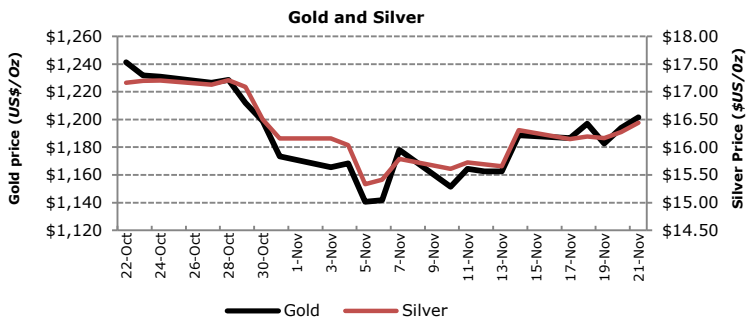


Alberta Natural Gas

(\$CAD/GJ)	21-Nov	day Δ	%Δ
AECO Dec-14	\$3.91	-\$0.23	-5.6%

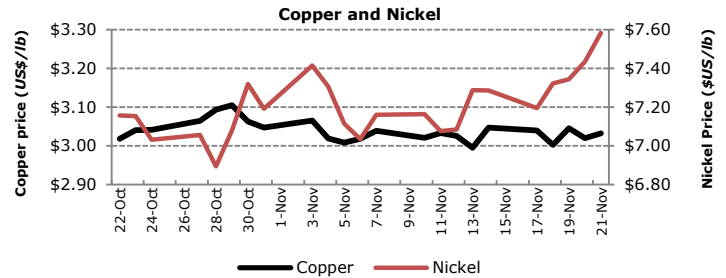
Precious Metals

\$US/oz	21-Nov	day Δ	%Δ	5-day	1-mnth	3-mnth
Gold	\$1,201.55	+\$7.67	+0.6%	+1.1%	-3.2%	-6.8%
Silver	\$16.44	+\$0.16	+1.0%	+0.8%	-4.2%	-15.7%
Platinum	\$1,228	+\$14.25	+1.2%	+1.2%	-2.7%	-13.8%



Industrial Metals

\$US/lb	21-Nov	day Δ	%Δ	5-day	1-mnth	3-mnth
Copper	\$3.03	+\$0.01	+0.4%	-0.5%	+0.5%	-3.0%
Nickel	\$7.58	+\$0.15	+2.0%	+4.1%	+6.0%	-13.1%
Zinc	\$1.10	+\$0.00	+0.2%	-1.9%	+1.7%	-4.7%
Aluminum	\$0.98	+\$0.00	0.0%	-2.0%	+2.1%	-3.0%
Uranium	\$38.25	-\$3.25	-7.8%	-12.1%	+6.3%	+15.9%



Agriculture & Other

	21-Nov	day Δ	%Δ	5-day	1-mnth
Corn (\$US/bu)	\$3.85	-\$0.01	-0.3%	-2.3%	+3.1%
Wheat (\$US/bu)	\$5.54	+\$0.01	+0.2%	-1.6%	+2.5%
Soybeans (\$US/bu)	\$10.39	+\$0.19	+1.8%	+1.6%	+3.9%
Rough Rice (\$US/cwt)	\$12.60	+\$0.02	+0.1%	+5.2%	+0.0%
Sugar #11 (¢US/lb)	¢16.09	¢0.01	-0.1%	+1.2%	-0.4%
Lean Hogs (¢US/lb)	¢90.45	¢0.45	-0.5%	-2.5%	+3.4%
Live Cattle (¢US/lb)	¢172.15	¢0.33	+0.2%	+0.5%	+2.0%
Cotton No.2 (\$US/lb)	\$0.60	+\$0.01	+1.1%	-0.2%	-3.8%
Lumber (\$US/Mbft)	\$333.00	+\$5.60	+1.7%	+4.1%	+0.3%

Commodity ETFs

	21-Nov	day Δ	%Δ	5-day	1-mnth
\$CAD					
HBP Crude Oil U	\$6.02	+\$0.14	+2.4%	+2.0%	-13.0%
HBP Nat Gas U	\$12.30	-\$1.18	-8.8%	+10.5%	+30.9%
iShares Gold ETF	\$10.69	+\$0.06	+0.6%	+1.1%	-2.6%
\$USD					
US Crude Oil	\$29.10	+\$0.37	+1.3%	0.94%	-7.0%
US Nat Gas	\$22.48	-\$1.04	-4.4%	5.52%	+13.1%
PSDB Agriculture	\$25.69	+\$0.06	+0.2%	-0.70%	-1.1%
PSDB Base Metals	\$17.17	+\$0.21	+1.2%	0.88%	+2.3%

This market summary has been created by candidates in the University of Toronto's Master of Financial Economics Program (the "MFE Program"). The information contained herein is intended for educational and informative purposes only, and has been obtained from publicly-available sources, without independent verification of the accuracy thereof. The author, the MFE Program, and the Rotman Finance Association, jointly and severally expressly disclaim any responsibility for the completeness and/or accuracy of the information contained herein. The opinions expressed herein are based upon the analyses and interpretations of the Author, and are not necessarily reflective of the views or opinions of the MFE Program, Rotman Finance Association, or the University of Toronto. Nothing in this report should be construed as a solicitation, recommendation, or offer to buy or sell the securities mentioned herein. **Unauthorized use or reproduction is strictly prohibited.**

Interest Rates

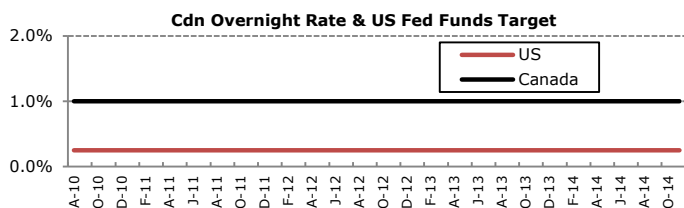
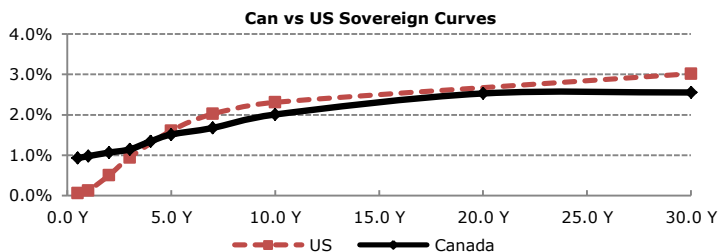
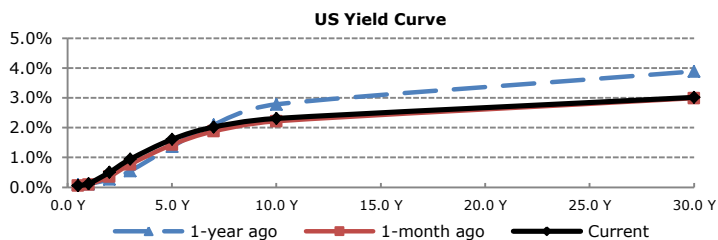
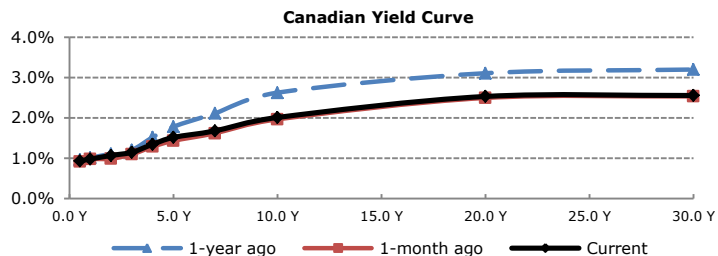
Canadian yield curve

	21-Nov	day Δ	Historical Levels		
			-1 mnth	-3 mnths	-1 year
3-mnth	0.90%	-	0.89%	0.94%	0.94%
6-mnth	0.93%	-	0.91%	0.97%	0.96%
12-mnth	0.98%	+0.00%	0.98%	1.02%	1.01%
2-year	1.07%	+0.02%	0.99%	1.09%	1.11%
5-year	1.51%	-0.00%	1.43%	1.55%	1.78%
10-year	2.01%	-0.01%	1.96%	2.07%	2.62%
20-year	2.53%	-0.02%	2.49%	2.59%	3.11%
30-year	2.55%	-0.02%	2.53%	2.63%	3.20%

US yield curve

	21-Nov	day Δ	Historical Levels		
			-1 mnth	-3 mnths	-1 year
3-mnth	0.01%	+0.01%	0.02%	0.02%	0.07%
6-mnth	0.06%	-	0.05%	0.05%	0.09%
12-mnth	0.12%	-	0.09%	0.10%	0.11%
2-year	0.50%	-0.01%	0.36%	0.49%	0.27%
5-year	1.61%	-0.02%	1.43%	1.66%	1.36%
10-year	2.31%	-0.03%	2.22%	2.40%	2.78%
30-year	3.02%	-0.04%	2.99%	3.16%	3.89%

	Current	Prior	Next Meeting	Survey
Cdn Overnight	1.00%	1.00%	3-Dec-14	1.00%
US Fed Funds	0.25%	0.25%	16-Dec-14	0.25%



Foreign Exchange

(USDCAD implies 1-USD to CAD)

Spot	21-Nov	day Δ	Historical Levels		
			-1 mnth	-3 mnths	-1 year
USDCAD	\$1.123	-0.007	1.123	1.094	1.052
EURUSD	\$1.239	-0.015	1.265	1.328	1.348
USDJPY	¥117.79	-0.420	108.27	103.85	101.16
GBPUSD	\$1.566	-0.004	1.603	1.658	1.620
AUDUSD	\$0.867	+0.005	0.876	0.930	0.923

Spot	21-Nov	day Δ	Historical Levels		
			-1 mnth	-3 mnths	-1 year
CADJPY	¥104.84	+0.281	96.41	94.92	96.17
CADAUD	\$1.027	+0.001	1.016	0.982	1.030
GBPUSD	£1.759	-0.015	1.800	1.814	1.704
EURJPY	¥145.99	-2.250	136.92	137.92	136.37
EURAUD	\$1.43	-0.026	1.44	1.43	1.46

Economic Releases

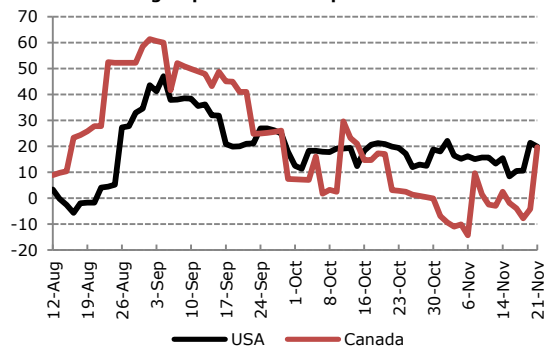
United States

	Period	Survey	Actual	Prior
Tue, Nov 25	GDP QoQ (Annualized)	3.3%	--	3.5%
Tue, Nov 25	Consumer Confidence	96	--	94.5
Wed, Nov 26	Personal Income	0.4%	--	0.2%
Wed, Nov 26	Durable Goods Orders	-0.6%	--	-1.3%
Wed, Nov 26	New Home Sales	470.5K	--	467K
Wed, Nov 26	Continuing Claims	2350K	--	2392K
Wed, Nov 26	Initial Jobless Claims	288K	--	291K

Canada

	Period	Survey	Actual	Prior
Tue, Nov 25	Retail Sales (MoM)	0.5%	--	-0.3%
Fri, Nov 28	GDP MoM	0.4%	--	-0.1%

Citigroup Economic Surprise Index

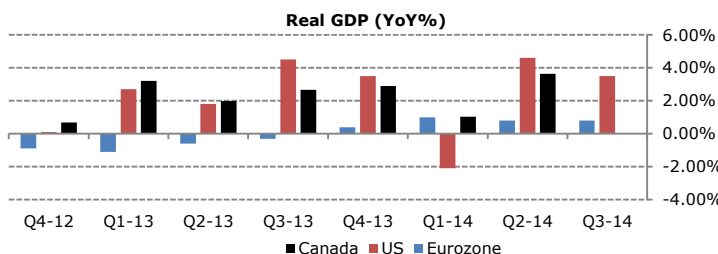


Economics

Canada	Q4-13	Q1-14	Q2-14	Q3-14	2013E
Real GDP	2.90%	1.04%	3.64%	NA	1.80%
CPI	0.93%	1.37%	2.23%	2.07%	0.90%
Unemployment	7.20%	6.90%	7.10%	6.80%	7.05%

US	Q4-13	Q1-14	Q2-14	Q3-14	2013E
Real GDP	3.50%	-2.10%	4.60%	3.50%	1.90%
CPI	1.23%	1.40%	2.07%	1.80%	1.50%
Unemployment	6.70%	6.70%	6.10%	5.90%	7.40%

China	Q4-13	Q1-14	Q2-14	Q3-14	2013E
Real GDP	7.70%	7.40%	7.50%	7.30%	7.70%



This market summary has been created by candidates in the University of Toronto's Master of Financial Economics Program (the "MFE Program"). The information contained herein is intended for educational and informative purposes only, and has been obtained from publicly-available sources, without independent verification of the accuracy thereof. The author, the MFE Program, and the Rotman Finance Association, jointly and severally expressly disclaim any responsibility for the completeness and/or accuracy of the information contained herein. The opinions expressed herein are based upon the analyses and interpretations of the Author, and are not necessarily reflective of the views or opinions of the MFE Program, Rotman Finance Association, or the University of Toronto. Nothing in this report should be construed as a solicitation, recommendation, or offer to buy or sell the securities mentioned herein. **Unauthorized use or reproduction is strictly prohibited.**