March 8, 2016

Commentary

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North American equity markets posted modest gains on Monday, as the S&P 500 gained 0.09% to 2,001.76, the Dow advanced 0.40% to 17,073.95, and the TSX climbed 1.29% to close at 13,383.60. Six out of ten industrial sectors in the S&P 500 rose, with energy companies taking the lead. Commodity prices and news from abroad appeared to drive most of the trading. Oil prices continues to rise, with WTI crude sitting at \$38.23 per barrel and Brent crude at \$41.28 per barrel. The price of iron ore jumped 17% yesterday as China stated that they plan to increase its deficit to stimulate the economy. Bond markets fell again, as the US and Canadian 10 yr yield rose by 3.2bps and 2.5bps to 1.91% and 1.28%, respectively. Regarding interest rates, the Bank of Canada will make their rate decision this week on March 9th.

German industrial production climbed by a monthly rate of 3.3% in January, marking the single largest increase in more than six years, and the first positive gain in three months. The surge came at a surprise, with median forecasts of 0.5 percent growth in a Bloomberg survey of economists. The euro had little reaction to the news, up 0.2% at \$1.103 at 8:44a.m. Frankfurt time. While investment and construction bounced back from December, and German consumers continue to spend robustly, manufacturers still face a number of challenges this year. A China-led slowdown in emerging markets is slowing exports, and market volatility has dealt a blow to business confidence and factory orders. The Economy Ministry in Berlin expects a moderate recovery in industrial activity in the first quarter, after the weak spell in the second half of 2015.

Hong Kong residential home sales dropped 70% yoy in February, hitting a 25 year low. 1,807 homes were sold February of 2016, compared to 6,027 in February of year prior – amid falling prices and economic uncertainty stemming from China. According to strategists, the reason for the declines is partially due to media discussions on falling prices and the ability to afford a cheaper home in 1-2 years. Property prices in Hong Kong declined about 10% since their September highs and the region's officials have ruled out relaxing any curbs or capping mortgage levels. The slowdown has lead property firms to cut targets, with companies such as Sun Hung Kai cutting sales targets by 18% to ~\$3.5billion USD. Forecasts as low as a 30% decline in prices have been cited by property analysts in the area.

Major Economic Releases

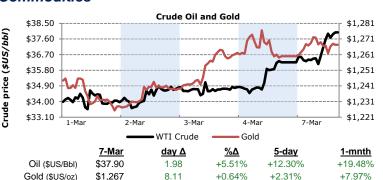
United States	<u>Period</u>	Survey	<u>Actual</u>	<u>Prior</u>	Canada	<u>Period</u>	Survey	<u>Actual</u>	<u>Prior</u>
None Scheduled					Housing Starts	Feb	180.0K	212.6K	165.9K
					Building Permits MoM	Jan	-2.30%	-9.80%	11.30%

Market Movements

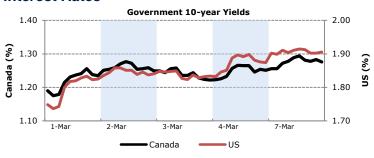
Equities



Commodities



Interest Rates



Government 10-year Yields			Historical levels		
	<u>7-Mar</u>	day ∆	<u>-1 mnth</u>	-3 mnths	-1 year
Canada	1.28%	0.025%	1.13%	1.51%	1.61%
United States	1.91%	0.032%	1.84%	2.22%	2.24%

Foreign Exchange

(LICDCAD implies \$1 LICD to CAD)

Rotman Finance Association



(OSDCAD IIIIpiles \$1-03D to CAD)			i listoricai leveis			
Spot	<u>7-Mar</u>	day ∆	-5 days	-1 mnth	-1 year	
USDCAD	\$1.328	-0.004	1.354	1.375	1.262	
EURUSD	\$1.101	+0.001	1.087	1.121	1.084	

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.

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.

Historical levels

http://www.rotmanfinanceassociation.com

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

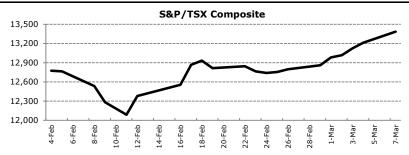
Sponsored By



The Equities Roll

Canadian Indicies

TSX	7-Mar 13,383.60	<u>day ∆</u> 171.1	<u>%∆</u> +1.29%
	Trailing	S&P/TSX	TSX 60
	5-day	+4.07%	+3.68%
	1-month	+4.85%	+4.13%
	3-months	+2.61%	+1.89%
	6-months	-0.70%	-1.20%
	12-months	-10.49%	-10.45%



Sector Returns

	<u>1-day</u>	<u>5-day</u>	<u>1-mnth</u>	12-mnths
C. Discretionary	+1.20%	+2.28%	+7.84%	-9.37%
C. Staples	+0.74%	+0.43%	+6.39%	+15.97%
Energy	+2.28%	+12.83%	+11.61%	-20.67%
Financials	+0.88%	+3.97%	+2.71%	-5.04%
Healthcare	+4.02%	+4.07%	-3.38%	-14.83%
Info Tech	+0.17%	-1.43%	+6.74%	-2.39%
Industrials	+2.28%	+5.05%	+7.60%	-12.59%
Materials	+2.17%	+6.44%	+14.52%	-10.33%
Metals & Mining	+2.66%	+30.40%	+52.32%	-31.66%
Telecom	+0.31%	-0.66%	+2.11%	+11.37%
Utilities	+0.87%	+5.38%	-1.61%	-5.17%

TSX Top Performers

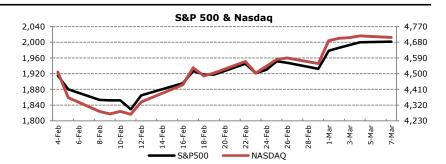
Ranked by 1-day	<u>1-day</u>	5-day	1-mnth	12-mnths
Primero Mining Corp	+16.00%	+17.57%	+16.00%	-33.59%
Paramount Resources Ltd -	+11.80%	+54.37%	+65.14%	-72.47%
Encana Corp	+10.55%	+37.95%	+30.58%	-44.95%
Baytex Energy Corp	+9.94%	+71.84%	+89.64%	-71.39%
First Maiestic Silver Cor	+9.23%	+13.06%	+42.57%	+2.31%

TSX Worst Performers

Ranked	by 1-day	<u>1-day</u>	<u>5-day</u>	1-mnth	12-mnths
Silver Standard Reso	ources	-11.65%	+0.64%	+5.20%	+38.18%
Hudbay Minerals Inc		-5.43%	+30.83%	+71.15%	-46.35%
Bonavista Energy Co	orp	-4.76%	+27.66%	+55.44%	-56.58%
Trinidad Drilling Ltd		-3.96%	+30.20%	+14.79%	-52.22%
Enghouse Systems I	td	-3.80%	⊥ 2 17%	-1 20%	±15 56%

US Indices

Trailing	S&P 500	DJIA	Nasdaq
7-Mar	2,001.76	17,073.95	4,708.25
1-day	+0.09%	+0.40%	-0.19%
5-day	+3.60%	+3.38%	+3.30%
1-month	+6.47%	+5.36%	+7.91%
3-months	-3.63%	-3.70%	-7.71%
6-months	+4.19%	+6.03%	+0.52%
12-months	-3.36%	-4.38%	-4.45%



S&P 500 Sector Returns

	<u>1-day</u>	<u>5-day</u>	<u>1-mnth</u>	12-mnths
C. Discretionary	-0.47%	+2.56%	+8.71%	+1.40%
C. Staples	-0.62%	+1.55%	+3.96%	+5.74%
Energy	+2.36%	+9.56%	+10.45%	-17.24%
Financials	-0.03%	+5.55%	+6.09%	-8.10%
Healthcare	+0.80%	+2.60%	+5.36%	-4.95%
Info Tech	-0.73%	+2.80%	+6.96%	-1.79%
Industrials	+0.19%	+3.39%	+7.21%	-3.42%
Materials	+1.17%	+5.09%	+7.65%	-12.73%
Telecom	+0.67%	+3.20%	+3.84%	+8.46%
Utilities	+0.55%	+2.29%	+1.14%	+9.19%

DJIA Top Performers

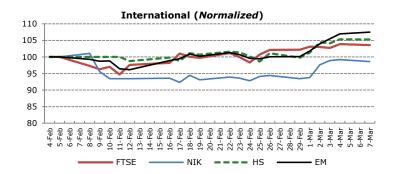
Ranke	ed by 1-day	1-day	5-day	1-mnth	12-mnths
Chevron Corp		+3.12%	+8.66%	+9.40%	-12.44%
Caterpillar Inc		+2.65%	+10.44%	+13.08%	-6.61%
Evvon Mobil Corn		+2 64%	+5.38%	+5 47%	-1.37%

DJIA Worst Performers

Ranked by 1-day	<u>∕ 1-day</u>	<u>5-day</u>	1-mnth	12-mnths
Nike Inc -CI B	-3.28%	-3.80%	+3.64%	+22.28%
Visa Inc-Class A Shares	-2.65%	-0.62%	+0.56%	+6.84%
Microsoft Corp	-1 92%	±0.20%	±1 73%	→20 47%

International Markets

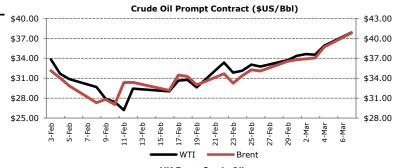
Trailing	FTSE 100	Nikkei	Hang Seng	MSCI EM
Last Close	6,182.40	16,911.32	20,159.72	795.18
1-day	-0.27%	-0.61%	-0.08%	+0.53%
5-day	+1.40%	+5.52%	+5.48%	+7.41%
1-month	+5.72%	+0.55%	+4.52%	+7.51%
3-months	-0.66%	-14.15%	-9.20%	-1.56%
6-months	+1.78%	-5.31%	-2.06%	+0.84%
12-months	-10.55%	-10.86%	-16.57%	-18.13%



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Oil & Gas

	Nymex WTI Crude Oil								
	(\$US/BbI)	7-Mar	day ∆	<u>%</u> Δ	5-day	1-mnth			
	Prompt	\$37.90	+\$1.98	+5.51%	+12.30%	+19.48%			
	Cal 16	\$41.97	+\$1.98	+4.94%	+10.49%	+14.42%			
	Cal 17	\$45.62	+\$1.67	+3.81%	+7.30%	+12.20%			
(\$US/bbl)		Q3-16	Q4-16	Q1-17	Q2-17	<u>2017</u>			
Consensus I	Forecast	\$42.00	\$45.92	\$46.00	\$49.50	\$52.53			
Current Forv	vard	\$42.51	\$43.81	\$44.64	\$45.34	\$45.62			
Inventory Levels (as of Jan-09)									



UK Brent Crude Oil									
(\$US/BbI)	7-Mar	day ∆	<u>%∆</u>	<u>5-day</u>	1-mnth				
Prompt	\$40.84	+\$2.12	+5.19%	+11.68%	+19.91%				

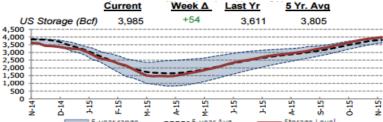
Inventory Levels (as of Jan-08)

(MBbls)	Current	Week A	Last Yr	<u>5 Yr. Avg</u>
Crude Oil	482,558	+234	337,426	319,411
Motor Gas	240,434		214,389	200,481
Distillates	165,554		171,756	140,851

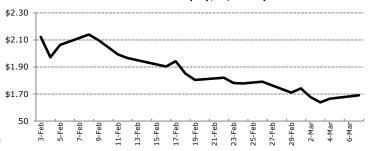
Nymex Natural Gas

(\$US/MMbtu)	<u>7-Mar</u>	day ∆	<u>%∆</u>	<u>5-day</u>	<u>1-mnth</u>
Prompt	\$1.69	+\$0.02	+1.44%	-1.23%	-14.30%
Apr16-Oct16	\$1.93	-\$0.00	-0.23%	-0.33%	-18.54%
Nov16-Mar17	\$2.56	-\$0.00	-0.07%	+3.05%	-6.78%
Apr17-Oct17	\$2.57	+\$0.00	+0.09%	+3.96%	-4.28%
Nov17-Mar18	\$2.83	+\$0.00	+0.08%	+3.28%	-3.82%





Nat Gas Prompt (\$US/MMbtu)

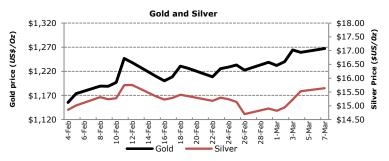


erta Natural Gas					
	(\$	CAD/GJ)	<u>7-Mar</u>	<u>day ∆</u>	<u>%∆</u>
AEC	0	Apr-16	\$1.29	+\$0.03	+2.2%

Other Commodities

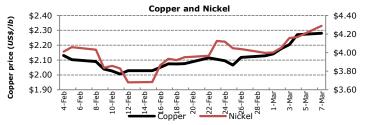
Precious Metals

\$US/oz	<u>7-Mar</u>	<u>day ∆</u>	<u>%∆</u>	<u>5-day</u>	1-mnth	3-mnth
Gold	\$1,267.36	+\$8.11	+0.6%	+2.3%	+8.0%	+17.9%
Silver	\$15.64	+\$0.11	+0.7%	+5.0%	+4.2%	+12.4%
Platinum	\$999	+\$20.25	+2.1%	+7.0%	+9.6%	+18.9%



Industrial Metals

<u>7-IVIAL</u>	uay A	<u> 7₀∆</u>	5-day	1-mntn	<u>3-mntn</u>
\$2.28	+\$0.01	+0.4%	+7.1%	+8.4%	+8.2%
\$4.29	+\$0.12	+2.9%	+7.3%	+5.7%	+5.8%
\$0.92	+\$0.00	+0.4%	+5.1%	+6.9%	+20.0%
\$0.78	-\$0.01	-1.3%	0.0%	+2.6%	+6.8%
\$31.05	-\$0.35	-1.1%	-3.0%	-9.7%	-14.1%
	\$2.28 \$4.29 \$0.92 \$0.78	\$2.28 +\$0.01 \$4.29 +\$0.12 \$0.92 +\$0.00 \$0.78 -\$0.01	\$2.28 +\$0.01 +0.4% \$4.29 +\$0.12 +2.9% \$0.92 +\$0.00 +0.4% \$0.78 -\$0.01 -1.3%	\$2.28 +\$0.01 +0.4% +7.1% \$4.29 +\$0.12 +2.9% +7.3% \$0.92 +\$0.00 +0.4% +5.1% \$0.78 -\$0.01 -1.3% 0.0%	\$2.28 +\$0.01 +0.4% +7.1% +8.4% \$4.29 +\$0.12 +2.9% +7.3% +5.7% \$0.92 +\$0.00 +0.4% +5.1% +6.9% \$0.78 -\$0.01 -1.3% 0.0% +2.6%



Agriculture & Other

	<u>7-Mar</u>	<u>day ∆</u>	<u>%∆</u>	<u>5-day</u>	1-mnth
Corn (\$US/bu)	\$3.59	+\$0.01	+0.2%	+0.6%	-3.2%
Wheat (\$US/bu)	\$4.63	+\$0.02	+0.4%	+2.1%	-1.6%
Soybeans (\$US/bu)	\$8.82	+\$0.03	+0.4%	+2.4%	+1.2%
Rough Rice (\$US/cwt)	\$10.70	+\$0.19	+1.9%	-0.8%	-6.1%
Sugar #11 (¢US/lb)	¢14.66	-¢0.17	-1.1%	+2.1%	+11.6%
Lean Hogs (¢US/lb)	¢70.05	-¢0.75	-1.1%	+0.1%	-0.4%
Live Cattle (¢US/lb)	¢135.95	-¢0.40	-0.3%	-0.7%	+1.2%
Cotton No.2 (\$US/lb)	\$0.57	+\$0.00	+0.5%	+1.6%	-5.3%
Lumber (\$US/Mbft)	\$281.60	+\$7.00	+2.5%	+11.2%	+12.9%

Commodity ETFs

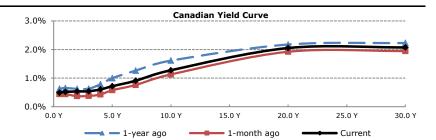
0045			0/ 4		44
\$CAD	<u>7-Mar</u>	<u>day ∆</u>	<u>%∆</u>	<u>5-day</u>	<u>1-mnth</u>
HBP Crude Oil U	\$3.95	+\$0.34	+9.4%	+25.4%	+21.9%
HBP Nat Gas U	\$6.92	+\$0.32	+4.8%	+0.7%	-31.6%
iShares Gold ETF	\$11.21	+\$0.03	+0.3%	+1.9%	+9.5%
\$USD	7-Mar	day ∆	<u>%∆</u>	<u>5-day</u>	1-mnth
US Crude Oil	\$10.11	+\$0.46	+4.8%	12.33%	+10.9%
US Nat Gas	\$6.10	+\$0.17	+2.9%	1.33%	-16.2%
PSDB Agriculture	\$20.35	-\$0.01	-0.0%	1.90%	+1.6%
PSDB Base Metals	\$12.72	-\$0.01	-0.1%	3.33%	+5.6%

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The Rates, FX, & Economics Roll March 8, 2016

Interest Rates





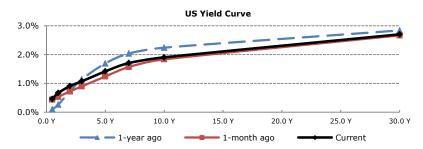
US yield curve

US Fed Funds

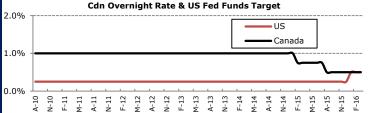
	<u>7-Mar</u>	<u>day ∆</u>	<u>-1 mnth</u>	-3 mnths	<u>-1 year</u>
3-mnth	0.27%	+0.01%	0.29%	0.27%	0.01%
6-mnth	0.46%	+0.01%	0.43%	0.55%	0.10%
12-mnth	0.67%	+0.02%	0.53%	0.68%	0.26%
2-year	0.91%	+0.04%	0.72%	0.93%	0.72%
5-year	1.42%	+0.04%	1.24%	1.66%	1.69%
10-year	1.91%	+0.03%	1.84%	2.22%	2.24%
30-year	2.71%	+0.01%	2.67%	2.95%	2.84%
	Current	<u>Prior</u>	Next N	<u>leeting</u>	Survey
Cdn Overnight	0.50%	0.50%	9-Ma	ar-16	0.50%

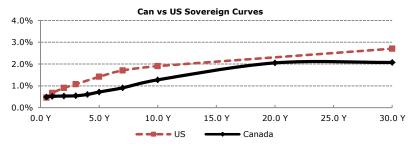
16-Mar-16

0.50%



0.50%





Foreign Exchange

0.50%

(USDCAD implies 1-USD to CAD)			Historical Levels				
Spot	<u>7-Mar</u>	day ∆	<u>-1 mnth</u>	-3 mnths	-1 year		
USDCAD	\$1.328	-0.004	1.375	1.334	1.262		
EURUSD	\$1.101	+0.001	1.121	1.062	1.084		
USDJPY	¥113.46	-0.280	116.78	123.24	120.83		
GBPUSD	\$1.427	+0.004	1.459	1.495	1.504		
AUDUSD	\$0.747	+0.003	0.720	0.731	0.772		

				Historical Le	evels
Spot	7-Mar	day ∆	<u>-1 mnth</u>	-3 mnths	-1 year
CADJPY	¥85.42	+0.007	84.90	92.36	95.71
CADAUD	\$1.008	-0.002	1.010	1.026	1.027
GBPCAD	£1.895	-0.000	2.007	1.995	1.899
EURJPY	¥124.96	-0.220	130.88	130.83	131.00
EURAUD	\$1.47	-0.005	1.56	1.45	1.41

Economic Releases

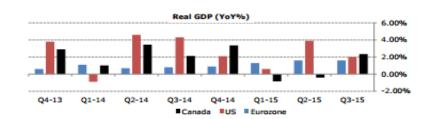
United States		Period	Survey	Actual	Prior
Thu, Mar 10	Continuing Claims	27-Feb	2252K		5.47K
Thu. Mar 10	Intial Jobless Claims	5-Mar	275K		92.2K



Canada		<u>Period</u>	Survey	<u>Actual</u>	<u>Prior</u>
Tue, Mar 08	Building Permits (MoM)	29-Feb	-2.3%	-9.8%	11.3%
Tue, Mar 08	Housing Starts	31-Mar	180K	212.594K	165.9K
Fri, Mar 11	Net Change in Employment	29-Feb	10K		-5.7K
Fri, Mar 11	Unemployment	29-Feb	7.2%		7.2%

Economics

Canada	Q4-14	Q1-15	Q2-15	Q3-15
Real GDP	3.36%	-0.85%	-0.40%	2.34%
CPI	1.97%	1.07%	0.90%	1.20%
Unemployment	6.70%	6.80%	6.80%	7.10%
US				
Real GDP	2.10%	0.60%	3.90%	2.00%
CPI	1.27%	-0.07%	-0.03%	0.13%
Unemployment	5.60%	5.50%	5.30%	5.10%
China				
Book CDB	7.209/	7.00%	7 000/	e oner



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