

Economics and Strategy

March 31, 2017

#### **Table of Contents**

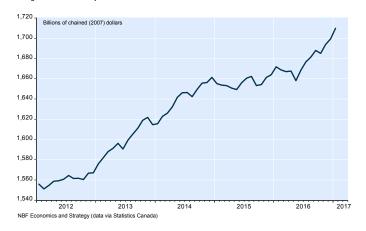
What we'l	be watch	ning	. n.	3
Wilde We t	DC Water	5		-

- Calendar of upcoming releases .... p. 4

#### Week in review

CANADA: Real GDP surged a consensus-topping 0.6% in January. Goods producing industries saw a 1.1% jump in output as gains in manufacturing, construction, mining, oil and gas, more than offset decreases for agriculture and utilities. Industrial production rose 1.5% as a result. The services sector's output was up 0.4% as gains in most categories including wholesaling, retailing, finance/insurance and transportation/warehousing dwarfed small declines in health care and professional services.

#### Canada: Real gross domestic products GDP grew 0.6% in January



It's fair to say that Canada has adjusted to the oil shock. January's Canadian GDP growth was twice as big as what was expected by consensus, pushing up the 3-month annualized rate of growth to a stunning 6% (yes six), the best since 2011. The economy continues to find support from resilience in the services sector (17th straight month of expansion), but got an added boost in January from the goods sector. Rising real exports gave a lift to the manufacturing sector, while construction, oil and gas and mining continued to expand at a healthy pace. January's overall output gains puts the economy in a good position to expand further in Q1 after a strong handoff from last year. Our forecast for Q1 GDP growth is 2.6% annualized (assumes a give back in February after

January's unsustainable gains), not far from the Bank of Canada's estimate of 2.5% for the guarter.

**UNITED STATES:** Personal income rose 0.4% in February after increasing a revised 0.5% the previous month. The latest gains reflected better wages and salary (0.5%). Disposable income rose 0.3% in the month. Personal spending nudged up 0.1%, although expectations were for a stronger number (0.2%). The savings rate increased to 5.6%, from 5.4% in January. The PCE deflator posted a 0.1% increase, pulling the year-over-year figure up to 2.1% from 1.9% in January. Core PCE rose 0.2% in the month, after having increased by 0.3% m/m in January. The year-over-year core PCE stood at 1.8% in February.

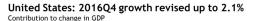
In March, the Conference Board Consumer Confidence Index jumped to its highest level (125.6) since December 2000. The improvement in consumer sentiment (+9.5 points in the month) followed strong employment reports, 235K in February and 238K in January. Expectations for future economic conditions were also up significantly, gaining 9.9 points in the month to 113.8. It remains to be seen if the failure of Republicans to deliver on their health care promises, leading many to question President Trump's ability to get a deal on the tax reforms, will weigh on confidence in coming months.

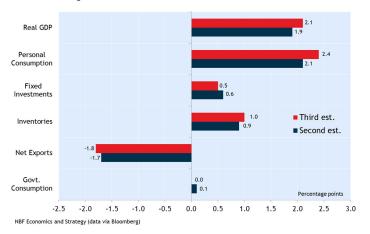
In February, the **Pending Home Sales Index** shot up 5.5% month-over-month to 112.3 in seasonally adjusted terms. This monthly increase, the largest since July 2010, followed a 2.8% decrease the prior month. Sales were buoyed by an early start to the buying season encouraged by unusually warm weather.

According to the S&P CoreLogic Case-Shiller Indices, national home prices increased 5.9% in the 12 months ending in January. On a month-over-month basis, prices rose 0.6%. While the national index, at 185.51, is now just above its prerecession peak (184.62), the widely followed 20-City index (192.81) is still down 6.6% from its July 2006 high.

In its third estimate, the Bureau of Economic Analysis pegged 2016Q4 U.S. GDP growth at 2.1% annualized, up from its second estimate of 1.9%. Upgrades to consumption (particularly services) more than offset downgrades to trade, which proved more of a drag on the economy than first thought. Overall, Q4 growth in final sales (i.e., GDP excluding inventories) was upgraded two ticks to 1.1%. The upgrades, however, did not affect the growth print of 1.6% for 2016 as a whole.







**WORLD:** In Japan, CPI excluding fresh food rose 0.2% from a year earlier in February. Statistics on consumer prices for Tokyo, which are available with a one month lead, show inflation in March fell 0.4% y/y.

Also in Japan, **retail sales** in February rose 0.2% month on month and a mere 0.1% compared with the same month the year before. Both measures were weaker than expected owing to sluggish wage growth in the country. Sales at department stores and supermarkets were particularly dim, registering a seventh consecutive monthly decline and a 2.7% drop year over year.

China official manufacturing PMI increased to 51.8 in March, from 51.6 in the previous month. This was the strongest reading since April 2012. The non-manufacturing index rose to 0.9 points to 55.1, reaching a two-year high.

**Eurozone:** According to Eurostat's flash estimate, inflation was lower than expected in March. Over the last 12 months consumer prices rose 1.5%, compared to 2.0% in February.

U.K. Prime Minister Theresa May officially set in motion Britain's departure from the European Union invoking Article 50. Involved parties have a two years window to complete the process. However, many sees the key phase of negotiations starting only after German election latter this fall.

#### NATIONAL BANK OF CANADA FINANCIAL MARKETS

### What We'll Be Watching

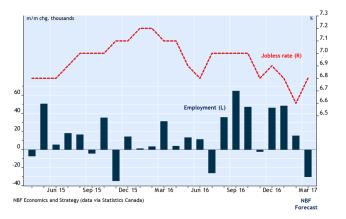


In Canada, March's Labour Force Survey will be the highlight of the week. Employment has been on a tear lately. Indeed, nearly 255K jobs were created in the country since last August. Such performance over a similar period of time had not been seen since the recession. To be sure, the

Canadian economy has shown signs of strength lately, but not to a level consistent with the actual rate of job creation. Consequently, we see employment possibly falling 30K in March, pushing the unemployment rate up two ticks to 6.8% in the process. Even in the event of such a correction, the 6month job tally would still stand at 124K, comfortably above the 104K averaged by that metric since the mid-1970s. The merchandise trade surplus for the month of February will also be available. It may have increased slightly from C\$0.81 billion in the previous month to C\$0.9 billion as exports beneficiated from higher commodity prices. We'll also get an idea of the state of Canada's manufacturing sector with the publication of Markit's manufacturing PMI for the month of March. Finally, we'll keep an eye on the release of February's building permits which will give an early indication of the trend in the real estate market while we wait for the report on housing starts due the following week.

	Previous	NBF forecasts
LFS employment (March m/m chg.)	15.3K	-30K
Unemployment rate (March)	6.6%	6.8%
Merchandise trade balance (February)	C\$0.81 B	C\$0.9 B

Canada: Labour market due for a correction in March  ${\sf Employment}$  and  ${\sf jobless}$  rate



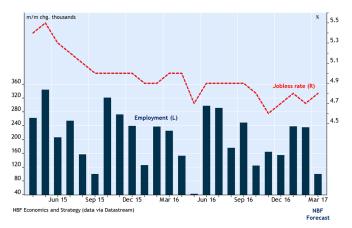


In the U.S., the publication of non-farm payrolls for March will attract the most attention. No less than 628K jobs were created in the country in the last three months, the best result since 2006. Those numbers were boosted by exceptionally warm weather which contributed in inflating employment

in the construction sector. Such a positive streak will be hard to extend though, especially as data begins to show momentum waning. Initial jobless claims grew at their fastest pace in a year in March, suggesting an increased rate of layoffs. Also, more and more firms are finding it hard to find qualified workers, a fact that bodes ill for hiring rates. Taking all this into consideration, we expect job creation to moderate to 100K. As for the household survey, which tends to be more volatile, it could show a flat employment reading after a strong February. As a result, the employment rate could rise one tick to 4.8%, especially if the participation rate continues to rise. Meanwhile, the ISM manufacturing index may have retreated slightly in March to 57.0, following the trend set by regional indices (Empire and Philly) and Markit's manufacturing index. Next week will also see the release of data on factory orders and trade balance for February.

	Previous	NBF forecasts
Non farm payrolls (March m/m chg.)	235K	100K
Unemployment rate (March)	4.7%	4.8%
ISM manufacturing (March)	57.7	57.0

US: A likely moderation in the pace of job creation in March Non farm payrolls and unemployment rate





Elsewhere in the world, February's unemployment rate in the Eurozone will be released as well as March's Composite and Manufacturing PMIs for Japan and China. We'll also get an update on China's foreign exchange reserves.



# Economic Calendar - Canada & U.S.

	Economic releases & events							Earnings announcements					
	Time	Country	Release	Period	Previous	Consensus	NBF	Company	Time	Qtr	Cons.		
						Estimate	Estimate				EPS		
	9:45	US	Markit US Manufacturing PMI	Mar F	53.40	53.50	57.0	Novagold Resources Inc	Aft-mkt	Q1 17	0.00		
	10:00	US	ISM Manufacturing	Mar	57.7	57.0	57.0						
	10:00	US	Construction Spending MoM	Feb	-1.00%	1.00%							
Monday													
Apr 3													
	8:30	US	Trade Balance	Feb	-\$48.5b	-\$46.0b		Hudson's Bay Co	Aft-mkt	Q4 17	0.61		
	8:30	CA	Int'l Merchandise Trade	Feb	0.81b	0.67b	0.90b	Acuity Brands Inc	Bef-mkt	Q2 17	1.83		
	10:00	US	Factory Orders	Feb	1.20%	0.90%	0.80%						
	10:00	US	Durable Goods Orders	Feb F	1.70%	-							
Tuesday	10:00	US	Durables Ex Transportation	Feb F	0.40%	-							
Apr 4													
			'										
	7:00	US	MBA Mortgage Applications	Mar-31	-0.80%			Monsanto Co	Bef-mkt	Q2 17	2.78		
	8:15	us	ADP Employment Change	Mar	298k	189k		Walgreens Boots Alliance Inc	07:00	Q2 17	1.36		
	9:45	us	Markit US Services PMI	Mar F	52.9			Bed Bath & Beyond Inc	Aft-mkt	Q4 17	1.78		
	10:00	us	ISM Non-Manf. Composite	Mar	57.6	57.0							
Wednesday													
Wednesday													
Apr 5													
дрі о													
	8:30	CA	Building Permits MoM	Feb	5.40%			Corus Entertainment Inc	Bef-mkt	O2 17	0.16		
	8:30	US	Initial Jobless Claims	Apr-01	258k	245k		Cogeco Communications Inc	Aft-mkt		1.41		
	0.00	- 00	initial pobless orallis	Api-01	200K	240K		Constellation Brands Inc	Bef-mkt		1.36		
								CarMax Inc	07:00	Q4 17	0.79		
Thursday													
Thursday													
Apr 6													
Apr 0													
								l L					
	0.00		UI		0.000/	0.700/	0.000/						
	8:30	CA	Unemployment Rate	Mar	6.60%	6.70%	6.80%						
	8:30	CA	Net Change in Employment	Mar	15.3k	3.2k	-30.0k						
	8:30 8:30	US US	Change in Nonfarm Payrolls Unemployment Rate	Mar Mar	235k 4.70%	175k 4.70%	100k 4.80%						
	10:00	CA	Ivey Purchasing Managers Index SA	Mar	55.0	4.70%	7.00 /6						
Friday	10:00	US	Wholesale Trade Sales MoM	Feb	-0.10%	_							
	15:00	US	Consumer Credit	Feb	\$8.794b	\$12.000b							
Apr 7	.5.00	- 55			75.1070	Ţ.E.000D							
Source: Bloomberg								, <u> </u>					



## **Annex - Economic Tables**

		Mar	ch 31, 2	017						
				ly Growth	(%)	Annualize	d Growth			
Growth Rates Unless	Reference	_	Past	Prev.	Month	Average of	the last	Since	Year-to-c	late (3)
Otherwise Indicated	Period	Level	<u>Month</u>	<u>Month</u>	<u>Before</u>	3 Mos.	<u>6 Mos.</u>	12 Mos.	<u>ref.</u>	prec.
UNITED STATES										
MONETARY AGGREGATES		(\$Billions)								
M1	Feb 2017	3372	-0.7	2.0	-0.4	3.9	7.1	8.1	8.7	4.7
M2	Feb 2017	13311	0.3	0.6	0.3	5.5	6.3	6.4	6.5	6.0
CREDIT MEASURES										
Consumer Credit	Jan 2017	3773	0.2	0.4	0.7	6.3	6.8	6.3	6.3	6.6
Mortgage (Banks)	Feb 2017	4135	0.1	0.3	0.2	3.6	5.8	5.7	5.9	6.5
Business	* Feb 2017	2099	-0.1	0.1	-0.2	1.1	4.5	5.4	6.1	10.1
CANADA										
MONETARY AGGREGATES										
M2+ gross	* Jan 2017	1906	0.8	0.4	0.7	7.8	7.9	7.8	7.8	5.8
Personal Deposits (Banks) (2)	* Feb 2017	923						6.0	6.5	6.0
CREDIT MEASURES	107									
Consumer	* Jan 2017	568	0.2	0.3	0.2	3.2	3.3	3.5	3.5	2.5
Mortgages	* Jan 2017	1438	0.4	0.5	0.5	6.0	6.2	5.8	5.8	6.5
Dusiness (C.T. J. J. T.)	* Feb 2017	4050	0.0	0.4	0.0	4.0	F.C.	F 2	5.2	6.4
Business (S.T. + L.T.) Private (Consumer+Business)	* Jan 2017	1853 3848	0.6 0.2	0.1 0.4	0.3 0.5	4.6 5.2	5.6 5.5	5.3 5.1	5.2 5.1	5.8
Gov. of Canada securities outstanding	* Feb 2017	689	-0.2	0.6	-0.2	1.4	3.0	3.6	3.1	3.6
INTEREST AND EXCHANGE RATES	3									
	Reference	Last	1 week	2 w.	Averag	e of last Thu	ırsdays	13 w.	26 w.	52
	Thursday	<u>day</u>	<u>ago</u>	ago -	<u>13 w.</u>	<u>26 w.</u>	<u>52 w.</u>	<u>ago</u>	<u>ago</u>	<u>a</u>
UNITED STATES										
NTEREST RATES	* 20 M 47	4.00	4.00	4.00	0.04	0.00	0.50	0.75	0.50	•
Federal Funds Target Rate Prime Rate	* 30 March 17 * 30 March 17	1.00 4.00	1.00	1.00 4.00	0.81 3.81	0.68	0.59	0.75	0.50 3.50	0
3-month Treasury Bills	* 30 March 17	0.77	4.00 0.75	0.72	0.59	3.68 0.51	3.59 0.39	3.75 0.46	0.26	3
2-year Bonds	* 30 March 17	1.27	1.25	1.33	1.24	1.13	0.39	1.17	0.26	0.
5-year Bonds	* 30 March 17	1.95	1.94	2.03	1.95	1.79	1.49	1.94	1.11	1.
10-year Bonds	* 30 March 17	2.42	2.42	2.52	2.45	2.31	1.98	2.48	1.56	1.
30-year Bonds	* 30 March 17	3.03	3.03	3.14	3.05	2.95	2.69	3.08	2.27	2.
Corp. High-yield (BofA ML Master II)	* 30 March 17	6.12	6.33	6.23	6.20	6.41	6.89	6.47	6.66	8.
Corp. Invest. Grade (BofA ML Corp. BBB)	* 30 March 17	3.74	3.75	3.84	3.78	3.73	3.62	3.84	3.28	3.
Spread										
Corp. High-yield - Treas. 10y.	* 30 March 17	3.70	3.92	3.71	3.75	4.10	4.91	3.99	5.11	6.
Corp. Invest. grade - Treas. 10y.	* 30 March 17	1.32	1.34	1.31	1.33	1.42	1.64	1.36	1.73	2.
Treasuries 30y 3-m. T.B.	* 30 March 17	2.26	2.28	2.42	2.46	2.45	2.30	2.62	2.01	2.
EXCHANGE RATE	* 04 March 47	104.40	404.07	404.07	400.70	405.77	400.04	400.00	404.04	400
FED Broad (Jan 97 = 100)	* 24 March 17	124.19	124.37	124.37	126.79	125.77	123.31	128.66	121.94	120.
CANADA										
INTEREST RATES										
Prime Rate	* 30 March 17	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.
Target overnight rate	* 30 March 17	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0
30-day commercial paper	* 30 March 17	0.89	0.87	0.88	0.91	0.90	0.89	0.93	0.87	0
3-month Treasury Bills	* 30 March 17	0.48	0.48	0.48	0.47	0.48	0.50	0.48	0.51	0
1-year Treasury Bills	* 30 March 17	0.62	0.62	0.62	0.62	0.60	0.57	0.64	0.53	0
5-year Bonds	* 30 March 17	1.12	1.17	1.25	1.13	1.02	0.85	1.16	0.59	0
10-year Bonds	* 30 March 17	1.64	1.69	1.81	1.71	1.58	1.37	1.73	0.98	1
30-year Bonds	* 30 March 17	2.33	2.35	2.46	2.37	2.22	2.01	2.34	1.64	2
<u>SPREADS</u> Prime - 30d. Commercial paper	* 30 March 17	1.81	1.83	1.82	1.79	1.80	1.81	1.77	1.83	4
Long Term - Short Term	* 30 March 17	1.81	1.83	1.82	1.79	1.80	1.81	1.77	1.83	1
CANADA UNITED STATES SPREADS	JU MAICH 17	1.00	1.07	1.90	1.90	1./4	1.02	1.00	1.13	'
3-month T-Bills	* 30 March 17	-0.29	-0.27	-0.24	-0.12	-0.02	0.11	0.02	0.25	0
Long Term Bonds	* 30 March 17	-0.70	-0.68	-0.68	-0.68	-0.73	-0.67	-0.74	-0.63	-0
EXCHANGE RATE										
US\$ /CDN\$ (GTIS)	* 30 March 17	0.7495	0.7490	0.7508	0.7557	0.7520	0.7621	0.7406	0.7609	0.76
Trade-weighted (1990=100) G-10	* 30 March 17	88.6	88.3	88.5	89.2	88.6	89.3	87.8	89.0	9
STOCK INDICES					(0/)			(0/)		
STOCK INDICES	Poferen	_		ly Growth		Gr	owth Over (	(%)	V/	dete
	Reference Thursday	Level	Past Month	Prev. Month	Month Before	3 Months	6 Months	1 Year	Year-to	-date pr
Dow Jones (U.S.)	* 30 March 17	20728.5	-0.4	4.8	0.5	4.9	13.2	17.2	4.9	<u>pr</u>
S&P 500 (U.S.)	* 30 March 17	2368.1	0.2	3.7	1.8	5.8	9.2	15.0	5.8	
NASDAQ (U.S.)	* 30 March 17	5914.3	1.5	3.8	4.3	9.9	11.3	21.4	9.9	-3
		15578.8	1.2	0.1	0.6	1.9	5.8	15.4	1.9	
S&P/TSX (Can.)	* 30 March 17	13376.6	1.2	0.1	0.0	1.9	0.0	13.4	1.5	



## **Annex - Economic Tables**

			rch 31, 2 hly Growth		Appus!	od Growth (	04.)			
Growth Rates Unless	Reference	Past	Prev.	Month		ed Growth (9 erage of the l		Since	Year-to-da	ate (9)
Otherwise Indicated	Period	Month	Month	Before	3 Mos.	_	12 Mos.	12 Mos.	ref.	pre
Index of 12 Leading Indicators	Feb 2017	0.6	0.6	0.6	5.3	2.8	1.4	3.1	2.8	1
Consumer Confidence Index (1985=100)	* March 2017	125.6	116.1	111.6	117.8	112.8	105.3	96.1	117.8	96
I.S.M. Manufacturing Index (level)	Feb 2017	57.7	56.0	54.5	56.1	54.2	52.8	49.7	56.9	49
- Non-manufacturing (level)	Feb 2017	63.6	60.3	60.9	61.6	60.5	59.0	58.3	62.0	56
DOMESTIC DEMAND										
Sales new autos & light trucks (000,000)	Feb 2017	17.6	17.6	18.4	17.9	17.9	17.5	17.7	17.6	17
Retail Sales	Feb 2017	0.1	0.6	1.0	7.2	6.2	3.5	5.7	5.8	3
- Motor vehicle	Feb 2017	-0.2	-1.3	3.1	9.0	11.1	3.6	5.6	6.2	5
- Other	Feb 2017 * Feb 2017	0.2 0.1	1.2 0.2	0.4 0.6	6.8 -11.7	5.0 0.9	3.4 3.0	5.7 -8.1	5.8 -1.6	1
Consumer Spending: Total (\$ current) Total (\$ constant)	* Feb 2017	-0.1	-0.2	0.6	1.9	3.0	2.8	2.6	2.8	2
Personal Income	* Feb 2017	0.4	0.5	0.3	3.9	4.4	3.7	4.6	4.3	
Personal Savings Rate (3)	* Feb 2017	5.6	5.4	5.2	5.4	5.5	5.7	6.0	5.5	(
New Orders	Jan 2017	1.2	1.3	-2.3	3.9	4.9	-1.1	3.8	3.8	-2
- Non-Defence Capital Goods exc. Aircraft	Feb 2017	-0.1	0.1	8.0	9.1	3.8	-2.5	2.7	1.7	-4
Unfilled Orders	Jan 2017	0.0	-0.3	-0.8	-3.3	-1.7	-1.6	-1.4	-1.6	-2
Business Inventories	Jan 2017	0.3 1.35	0.4	0.8	4.3 1.36	2.0	1.1 1.39	2.3	2.3 1.35	1.
nventories / Shipments Businesses Manufacturers' Shipments	Jan 2017 Jan 2017	0.2	1.35 2.5	1.38	10.4	1.37 5.1	-1.1	1.41 4.9	4.9	-)
Manufacturers' Inventories	Jan 2017	0.2	0.3	0.5	3.3	1.1	-2.0	0.6	0.6	
nventories / Shipments Manuf.	Jan 2017	1.31	1.31	1.34	1.32	1.33	1.35	1.37	1.31	1
Housing Starts (000) (1)	Feb 2017	1288	1251	1275	1271	1223	1192	1213	1270	11
lew Home Sales, single-family	Feb 2017	6.1	5.3	-7.5	-6.6	-1.3	13.3	12.8	9.4	-
xisting Home Sales, s.f. & condos	Feb 2017	-3.7	3.3	-1.6	1.9	4.9	3.7	5.4	4.6	
PRODUCTION										
ndustrial Production	Feb 2017	0.0	-0.1	0.6	2.1	0.9	-0.7	0.3	0.2	_
- Consumer Goods	Feb 2017	-0.4	-0.1	1.2	1.1	0.2	0.5	0.0	0.2	
- Hitech goods	Feb 2017	0.2	-0.2	0.5	7.3	9.6	4.4	6.5	5.6	
XTERNAL AND FISCAL BALANCES										
Exports	Jan 2017	0.6	2.7	-0.2	3.0	8.0	-1.0	7.4	7.4	_
mports	Jan 2017	2.3	1.6	1.1	14.3	7.9	-0.7	8.3	8.3	-
Merch. Trade Balance (\$ billions)	Jan 2017	-48.5	-44.3	-45.5	-46.1	-42.9	-42.1	-43.4	-48.5	-4
Real merchandise trade balance	Jan 2017	-65.3	-62.0	-63.9	-63.7	-60.6	-60.5	-62.0	-65.3	-6
ederal budget balance last 12 months (2)	Feb 2017	-583.3	-583.9	-580.0				-405.5	-140.8	-13
NEL ATION AND COCTO										
NFLATION AND COSTS Consumer Prices	Feb 2017	0.1	0.6	0.3	3.7	2.8	1.5	2.7	2.7	
- Excluding Food and Energy	Feb 2017	0.1	0.0	0.3	2.7	2.2	2.2	2.7	2.2	
PCE Deflator exc. Food and Energy	* Feb 2017	0.2	0.3	0.1	1.9	1.7	1.7	1.8	1.8	
Producer price index for final demand	Feb 2017	0.3	0.6	0.2	3.4	2.1	0.7	2.2	2.0	
Average Hourly Earnings (4)	Feb 2017						2.5	2.5	2.4	
ndustrial Capacity Utilization Rate	Feb 2017	75.4	75.5	75.6	75.5	75.4	75.3	75.6	75.4	7
Median Price, Single-Family Homes (5)	Feb 2017	0.5	-2.5	-0.6	-8.4	-4.2	5.6	7.6	7.0	
ABOUR MARKET										
lew Jobs (000) (6)	Feb 2017	235	238	155	209	194	196	2350	473	3
- Manufacturing (000)	Feb 2017	28	11	18	19	7	1	7	39	
- Services (000)	Feb 2017	140	184	123	149	155	180	2154	324	3
verage weekly hours (6)	Feb 2017	0.2	0.3	0.3	2.5	1.8	1.6	1.9	1.7	
Civilian Unemployment Rate (7)	Feb 2017	4.7	4.8	4.7	4.7	4.8	4.8	4.9	4.8	
NATIONAL ACCOUNTS AND OTHER		Annı	ualized Gro	owth Rate	s					
UARTERLY INDICATORS	Q4 2016	Q3 2016		Q1 2016		Q4 2015	2014	<u>2013</u>	<u>2012</u>	
Real GDP Chained 2009 dollars Consumption	* 2.1 * 3.5	3.5 3.0	1.4 4.3	0.8 1.6	0.9 2.3	2.0 2.7	2.4 2.7	2.2 3.2	2.3 2.9	
Residential Construction	9.6	-4.1	-7.8	7.8	11.5	12.6	4.9	11.7	3.5	
usiness Investment	* 0.9	1.4	1.0	-3.4	-3.3	3.9	-0.5	2.1	6.0	
Sovernment Spending	* 0.2	0.8	-1.7	1.6	1.0	1.9	0.8	1.8	-0.9	
exports	-4.5	10.0	1.8	-0.7	-2.7	-2.8	0.4	0.1	4.3	
nports	6.9	2.2	0.2	-0.6	0.7	1.1	1.2	4.6	4.4 57.7	
Change in Inventories (1) (2) GDP Deflator	* 49.6 * 2.1	7.1 1.4	-9.5 2.3	40.7 0.5	56.9 0.9	70.9 1.2	22.0 1.3	84.0 1.1	57.7 1.8	
Personal Disposable Income	2.0	2.9	2.9	2.1	3.0	3.3	2.8	3.5	3.5	
	Q4 2016	Q3 2016	Q2 2016		Q4 2015	Q3 2015	2014	2013	2012	
abour Productivity (4)	1.3	3.3	-0.1	-0.6	-2.0	1.8	0.2	0.9	0.8	
Init Labor Costs (4)	1.7	0.7	6.2	-0.3	5.7	8.0	2.6	2.0	2.1	
	Q4 2016	Q3 2016		Q1 2016		Q3 2015	2014	2013	2012	
Current Account (current \$)	-449.5	-464.0	-479.0	-532.3	-453.6	-492.4	-481.2	-463.0	-392.1	
as a % of GDP	* -2.4 <b>Q4 2016</b>	-2.5	-2.6	-2.9	-2.5 O4.2015	-2.7 O2 2015	-2.6	-2.6	-2.3	
Corporate Profits (8)	* 2.1	<b>Q3 2016</b> 25.4	-2.4	<b>Q1 2016</b> 14.1	-22.3	<b>Q3 2015</b> -3.2	<b>2014</b> -0.1	<b>2013</b> -3.0	<b>2012</b> 5.9	
as a % of GDP	11.4	11.5	11.0	11.1	10.8	-3.2 11.6	11.2	-3.0 11.6	12.0	
* Update	Source: Thor				old		(a) Compote	ad to same =	period of the	
(1) Annual Rate			(5) Existing (6) Non-Fa			(			eriod of the less otherwis	•
			TO LINOD-ES	Pavroll	-SUIVEV		nreceed	uru vear IIn	ess omerwis	<del>-</del>
(2) \$ Billions (3) Personal Savings as a % of Personal I	Diamanahla III.		(7) Housel				stated	ing your, an		



## **Annex - Economic Tables**

TABL	.E 3 - CAN		<i>ECO</i> ch 31, 20		C IND	ICATO	RS			
	5.		y Growth (			alized Growth		٥.	·	
Growth Rates Unless Otherwise Indicated	Reference Period	Past Month	Prev. Month	Month Before	Ave 3 Mos.	rage of the la 6 Mos.	ast <u>12 Mos.</u>	Since 12 Mos.	Year-to-da ref.	ate (6) prec.
CFIB Business Barometer ®	* March 2017	0.0	4.7	-0.9	19.9	5.8	4.6	20.4	15.3	-12.4
DOMESTIC DEMAND										
Retail Sales (\$ current)	Jan 2017	2.2	-0.4	0.2	6.8	3.9	3.5	4.5	4.5	7.3
Motor vehicle and parts dealers	Jan 2017	3.8	-0.3	1.0	14.1	5.1	5.6	4.2	4.2	15.2
- Other Retail Sales (\$ constant)	Jan 2017 Jan 2017	1.7 1.3	-0.5 -1.0	-0.1 0.6	4.4 4.0	3.5 2.0	2.8 2.3	4.6 2.1	4.6 2.1	4.8 4.5
Manufacturer's Shipments (\$ current) New Orders	Jan 2017 Jan 2017	0.6 4.6	2.1 -0.5	2.2 -0.2	15.5 11.8	7.7 7.1	0.9 1.7	2.7 3.1	2.7 3.1	4.9 -10.2
- Durables	Jan 2017	7.8	-3.1	-3.6	2.3	2.9	2.4	-2.1	-2.1	-17.2
Unfilled Orders	Jan 2017	0.3	-1.9	-0.4	-4.1	-0.5	-6.5	-4.2	-4.2	-8.5
Manufacturer's Inventories	Jan 2017	1.1	-0.1	-0.5	-0.3	0.4	-1.7	-0.6	-0.6	1.6
Inventories / Shipments Ratio Manufacturer's Shipments (\$ constant)	Jan 2017 Jan 2017	1.31 0.7	1.30 2.1	1.33 1.6	1.31 9.4	1.34 3.4	1.36 1.2	1.35 1.2	1.31 1.2	1.35 3.3
manadaror o ompriorito (¢ constant)										
Housing Starts (000) (1) Number of existing homes sold (MLS)	Feb 2017 Feb 2017	210.2 5.2	208.9 -0.2	207.0 2.5	208.7 5.4	204.7 -4.5	200.5 4.3	218.6 2.2	209.6 0.5	197.0 13.9
PRODUCTION										
Real Domestic Product	* Jan 2017	0.6	0.3	0.5	3.9	3.0	1.4	2.3	2.3	1.0
- Manufacturing	* Jan 2017 * Jan 2017	1.9	0.5	1.8	7.5 6.5	2.6	0.7 -2.9	2.5	2.5	0.7 -5.4
- Construction Services	* Jan 2017	0.4 0.4	0.8 0.2	1.2 0.3	6.5 2.8	-0.9 2.2	-2.9 2.1	-0.3 2.2	-0.3 2.2	-5.4 2.2
EXTERNAL, FISCAL AND EXCHANGE BALAN	ICES									
Exports	Jan 2017	0.5	-0.3	5.5	25.9	15.0	-1.1	1.8	1.8	6.8
Imports	Jan 2017	-0.3	1.6	-0.3	-5.7	2.7	-0.7	-2.1	-2.1	4.5
- Capital Goods	Jan 2017	-3.1	6.4	-0.3	-13.3	2.9	-2.1	-2.4	-2.4	-1.3
Merch. Trade Balance (\$ millions) Change in Official Reserves	Jan 2017 Feb 2017	807 -2,692	448 2,065	1,281 -412	845 -346	-791 -278	-2,008 67	-1,004 801	807 -627	-1,004 3,493
Level (US\$): \$82.1 billion	1 05 20 17	2,002	2,000		0.10	2.0	0,	001	Fiscal y	
Fed. budget balance last 12 months (\$ billions)	Jan 2017	-19.0	-19.2	-15.7				4.5	-12.7	4.3
INFLATION AND COSTS Consumer Prices	Feb 2017	0.2	0.9	-0.2	1.1	0.6	1.5	2.0	2.1	1.7
- Excluding Food and Energy	Feb 2017 Feb 2017	0.2	0.9	-0.2	-0.2	1.0	2.0	2.0	2.1	1.7
- Core inflation (4)	Feb 2017	0.4	0.5	-0.3	-0.5	0.5	1.8	1.7	1.7	2.0
Average Hourly Earnings (2)	Feb 2017	273	12.0				1.8	1.3	1.3	3.0
Price of New Housing icluding land Avg. Price of Existing Homes Sold (MLS)	Jan 2017 Feb 2017	0.1 3.7	0.1 0.3	0.2 -2.1	2.6 4.0	3.3 1.1	2.6 8.1	3.1 2.7	3.1 1.8	1.7 16.7
Industrial Prices (1992=100)	* Feb 2017	0.1	0.6	0.3	5.4	4.8	0.2	3.5	3.0	0.3
LABOUR MARKET										
Labour Force	Feb 2017	-0.1	0.2	0.3	1.3	1.5	8.0	0.9	1.0	1.2
Job creation (000)	Feb 2017	15.3	48.3	46.1	36.6	36.5	24.0	288.1	63.6	4.5
<ul> <li>- Manufacturing</li> <li>- Services</li> </ul>	Feb 2017 Feb 2017	-5.2 30.1	-0.6 42.6	1.9 46.0	-1.3 39.6	-2.5 36.0	-4.1 30.4	-49.6 365.3	-5.8 72.7	-5.8 -10.0
- Full Time	Feb 2017	105.1	15.9	70.8	63.9	32.4	19.6	235.4	121.0	-41.0
- Part Time	Feb 2017	-89.8	32.4	-24.7	-27.4	4.1	4.4	52.7	-57.4	45.5
Unemployment Rate	Feb 2017	6.6	6.8	6.9	6.8	6.9	6.9	7.2	6.7	7.2
NATIONAL ACCOUNTS AND OTHER QUARTERLY INDICATORS	Q4 2016			wth Rates		Q3 2015	2016	2015	2014	
GDP Chained (2007) \$	2.6	3.8	-1.2	2.7	0.5	2.3	2016 1.4	<b>2015</b> 0.9	2014 2.6	
Household consumption	2.6	2.7	2.1	2.3	1.7	2.7	2.2	1.9	2.8	
Business Investments, non-res., mach. & equip -Machinery and Equipment	)17.4 -10.3	3.0 -12.5	-3.6 1.5	-8.6 -2.5	-13.7 -10.1	-9.1 2.2	-8.4 -5.0	-11.5 -3.3	3.2 1.2	
Residential Construction	1 4.8	-4.7	-0.1	10.3	1.8	2.5	2.9	3.8	2.7	
Government Expenditures	2.1	-1.9	5.9	3.3	0.0	1.5	2.0	1.5	0.8	
Government Fixed Capital Formation	5.2	4.9	-2.3	3.4	-1.1	1.7	2.2	5.8	-3.6	
Final Domestic Demand Exports	0.4 1.3	0.9 9.4	1.8 -14.8	1.8 9.3	-0.5 -2.1	0.9 5.7	0.9 1.1	0.3 3.4	1.9 5.8	
Imports	-13.5	4.8	1.1	3.5	-6.3	-4.3	-1.0	0.3	2.2	
Change in Inventories, chained (2007) \$ (5)	-4.4	7.4	0.4	-7.5	-3.1	-0.9	-1.0	3.9	9.4	
Real Disposible Income Personal savings Rate	4.4 5.8	5.8 5.5	2.5	-0.2	4.5	2.0 4.8	2.8	3.4	1.2	
GDP Price Deflator	4.3	2.5	5.0 0.7	4.7 0.0	5.6 -1.1	0.7	5.3 0.6	5.0 -0.8	3.7 1.9	
Corporate Profits (nominal)	28.8	82.6	-35.4	3.5	-27.6	6.4	-4.5	-19.5	8.2	
as a % of GDP	11.6	11.1	9.7	10.8	10.7	11.6	10.8	11.5	14.3	
Indust. Capacity Utilization Rate	82.2 1.4	81.6 4.9	79.4 -1.5	80.9 1.6	80.4	80.9 0.1	81.0	80.8 -0.5	82.4	
Labour Productivity, Business Sector Unit Labour Cost, Business Sector	2.7	-3.4	3.3	-0.2	0.7 3.5	-1.7	0.7 0.9	2.2	2.6 0.9	
	Q4 2016	Q3 2016	Q2 2016	Q1 2016	Q4 2015	Q3 2015	<u>2016</u>	<u>2015</u>	<u>2014</u>	
	-42.9	-79.0	-77.6 -3.9	-71.3 -3.6	-66.4 -3.3	-65.3 -3.3	-67.7 -3.3	-67.6 -3.3	-48.2 -2.4	
Current Account (current \$) (5) as a % of GDP	-2.1	-3.9	-5.5							
	-2.1									
as a % of GDP  Sources: Thomson reuthers Datastream and C	-2.1	ite Associatio	on	omponents	s and the e	effect of indir	ect taxes			
as a % of GDP  Sources: Thomson reuthers Datastream and C  Update	-2.1 anadian Real Esta	ite Association	on	components	s and the e	effect of indir	ect taxes			



TABL	E 4 - PROV	Mar	ch 31, 2	017		DICAT				
Growth Rates Unless Otherwise Indicated	Reference <u>Period</u>	Past Month	ly Growth ( Prev. <u>Month</u>	Month Before		age of the I 6 Mos.		Since 12 Mos.	Year-to-d	ate (3) prec.
QUEBEC										
DOMESTIC DEMAND AND REVENUE	1 0000			2.5						
Retail Sales	Jan 2017	2.6	-1.1	0.1	4.8	3.8	4.1	4.4	4.4	6.8
Manufacturing Shipments Housing Starts (000) (2)	Jan 2017 Feb 2017	-1.5 45.4	4.0 38.7	4.0 41.0	26.2 41.7	9.7 41.8	-0.4 38.9	3.5 43.6	3.5 42.0	2.6 40.4
Number of existing homes sold (MLS)	Feb 2017	3.7	0.0	0.7	2.4	4.6	4.8	6.8	4.8	9.3
Wages and Salaries	Dec 2016	0.7	1.0	-0.7	4.5	3.3	3.6	5.1	3.6	2.3
Value of merchandise exports (1)	Jan 2017						-1.9	2.4	2.4	-0.3
CFIB Business Barometer ®	* March 2017	-1.4	-2.9	4.3	14.2	8.0	8.7	1.0	4.3	10.5
PRICES Consumer Price Index (1)	Feb 2017	0.3	0.8	-0.3	0.7	0.2	0.7	1.2	1.2	1.3
Average Hourly Earnings (1)	Feb 2017	0.0	0.0	0.0	•	0.2	2.9	3.3	3.0	2.9
Price of New Housing inc. Land (1)	Jan 2017	0.1	0.0	0.0	0.5	0.7	0.7	0.7	0.7	0.6
Avg. Price of Existing Homes Sold (MLS)	Feb 2017	-1.0	0.4	8.0	2.5	4.5	3.2	3.2	3.4	2.9
LABOR MARKET										
Job creation (000)	Feb 2017	-11.1	3.4	18.3	3.5	8.8	6.9	83.0	-7.7	0.1
Unemployment rate Participation rate	Feb 2017 Feb 2017	6.4 64.8	6.2 64.9	6.5 65.1	6.4 64.9	6.5 64.8	6.8	7.5 64.7	6.3 64.8	7.6 64.7
30000000 • • • • • • • • • • • • • • • •	Feb 2017	04.0	04.9	65.1	04.9	04.0	64.6	04.7	04.0	64.7
ONTARIO  DOMESTIC DEMAND AND REVENUE										
Retail Sales	Jan 2017	1.7	-1.0	0.5	6.5	4.3	4.3	3.8	3.8	10.1
Manufacturing Shipments	Jan 2017	1.0	2.2	0.6	9.1	4.1	2.9	-1.1	-1.1	12.5
Housing Starts (000) (2)	Feb 2017	86.5	101.1	81.1	89.6	80.6	79.0	79.5	93.8	71.4
Number of existing homes sold (MLS) Wages and Salaries	Feb 2017 Dec 2016	7.4 1.5	-0.3 1.0	1.2 0.5	9.3 8.4	9.1 3.3	9.5 4.2	12.8 5.3	10.1 4.2	11.3 4.2
Value of merchandise exports (1)	Jan 2017	1.5	1.0	0.5	0.4	3.3	2.1	-8.2	-8.2	18.5
CFIB Business Barometer ®	* March 2017	1.4	2.0	-1.2	15.5	3.4	3.0	15.1	10.0	-8.9
PRICES										
Consumer Price Index (1)	Feb 2017	0.3	0.6	-0.2	1.1	0.9	1.9	2.3	2.3	1.8
Average Hourly Earnings (1)	Feb 2017						1.6	0.2	0.4	3.9
Price of New Housing Inc. Land (1)	Jan 2017	0.3	0.1	0.4	5.5	7.2	5.2	6.5	6.5	3.3
Avg. Price of Existing Homes Sold (MLS)  LABOR MARKET	Feb 2017	6.8	2.5	-1.3	21.2	22.7	17.2	24.1	22.1	11.8
Job creation (000)	Feb 2017	4.6	28.8	6.4	13.3	16.0	9.0	107.5	33.4	9.5
Unemployment rate	Feb 2017	6.2	6.4	6.4	6.3	6.4	6.5	6.7	6.3	6.7
Participation rate	Feb 2017	65.0	65.1	64.9	65.0	64.9	65.0	65.2	65.1	65.3
NEWFOUNDLAND & LABRADOR DOMESTIC DEMAND AND REVENUE										
Retail Sales	Jan 2017	2.6	0.2	-0.2	5.0	-0.3	1.3	3.1	3.1	1.4
Manufacturing Shipments	Jan 2017	5.6	4.6	13.6	214.9	33.5	-11.1	39.1	39.1	-13.0
Housing Starts (000) (2)	Feb 2017	1.5	1.3	1.3	1.4	1.4	1.4	2.0	1.4	2.5
Number of existing homes sold (MLS)	Feb 2017	-5.4	2.0	0.0	-12.1	-24.4	-6.7	-16.4	-13.3	3.9
Wages and Salaries Value of merchandise exports (1)	Dec 2016 Jan 2017	0.1	1.2	0.8	8.2	2.6	0.3 -3.5	2.1 45.5	0.3 45.5	3.1 -22.1
CFIB Business Barometer ®	* March 2017	-3.3	-5.1	-3.5	-7.5	0.4	-25.3	-10.5	-19.5	-5.4
PRICES										
Consumer Price Index (1) Average Hourly Earnings (1)	Feb 2017 Feb 2017	-0.2	1.0	-0.1	8.0	3.5	3.1 0.5	4.2 4.9	4.4 4.9	2.0 -1.6
Price of New Housing inc. Land (1)	Jan 2017	-0.4	0.0	0.0	-0.3	-0.6	0.0	-0.7	-0.7	0.4
Avg. Price of Existing Homes Sold (MLS)	Feb 2017	0.9	-0.7	-4.9	-16.7	-4.4	-6.8	-9.6	-6.2	-8.5
LABOR MARKET										
Job creation (000)	Feb 2017	-3.8	2.2	-0.9	-0.8	-1.6	-0.5	-6.4	-1.6	-1.4
Unemployment	Feb 2017	14.2	13.8	15.1	14.4	14.5	13.5	13.9	14.0	14.1
Participation rate	Feb 2017	59.0	59.7	60.1	59.6	60.1	60.3	60.7	59.4	60.8
PRINCE EDWARD ISLAND  DOMESTIC DEMAND AND REVENUE										
Retail Sales	Jan 2017	4.3	-1.6	1.9	16.7	8.4	7.0	10.8	10.8	6.0
Manufacturing Shipments	Jan 2017	17.5	-8.3	0.4	9.3	12.1	5.7	18.1	18.1	11.1
Housing Starts (000) (2)	Feb 2017	0.4	0.6	0.3	0.5	0.5	0.6	0.2	0.5	0.4
Number of existing homes sold (MLS) Wages and Salaries	Feb 2017 Dec 2016	3.3 1.9	4.2 1.1	-16.8 -0.1	-39.9 9.3	-17.8 4.2	18.5 3.6	-6.1 4.3	-0.3 3.6	18.1 3.7
Value of merchandise exports (1)	Jan 2017	1.5	1.1	-5.1	5.5	7.2	1.3	4.9	4.9	2.2
CFIB Business Barometer ®	* March 2017	-11.3	2.3	2.3	-20.4	-12.7	4.7	-0.8	2.4	-12.6
PRICES Consumer Price Index (1)	Feb 2017	-0.6	1.1	-0.7	0.4	0.7	1.3	1.5	2.0	1.5
Average Hourly Earnings (1)	Feb 2017	0.0		0.,	0.1	0.,	1.7	2.4	2.1	-0.2
Price of New Housing inc. Land (1)	Jan 2017	0.0	0.0	0.0	0.0	-0.3	0.5	0.9	0.9	-0.2
Avg. Price of Existing Homes Sold (MLS)	Feb 2017	9.8	1.9	11.0	85.9	0.4	12.6	25.0	27.2	2.6
LABOR MARKET	E-1 0017		0.0		0.5	0.0				
Job creation (000) Unemployment	Feb 2017 Feb 2017	0.3 10.0	0.6 9.8	0.6 10.5	0.5 10.1	0.3 10.5	0.1 10.7	1.4 11.1	0.9 9.9	-0.8 10.4
Participation rate	Feb 2017	66.0	65.8	65.8	65.9	65.8	65.8	66.4	65.9	66.2
Sources: Thomson R										
* Update (1) Not Seasonally Adjusted	(2) Annual Rate	)	3) Compar	ed to sdam	ne priod of t	the preceed	ling year, u	nless other	wise stated	



TABLE 4 - PROV	INCIAL ECO	Mar	ch 31, 2	017				m page	<i>A4)</i>	
Growth Rates Unless	Reference _	Monthl Past	ly Growth ( Prev.	%) Month		ized Growth		Since	Year-to-da	ate (3)
Otherwise Indicated	<u>Period</u>	Month	Month	Before	3 Mos.	6 Mos.	12 Mos.	12 Mos.	ref.	prec.
NOVA SCOTIA										
DOMESTIC DEMAND AND REVENUE	1 0047	0.4		4.0		0.0				
Retail Sales Manufacturing Shipments	Jan 2017 Jan 2017	2.1 -5.3	-0.9 -1.1	1.0 6.8	7.7 7.1	6.0 4.3	4.1 3.1	6.4 0.6	6.4 0.6	7.4 8.9
Housing Starts (000) (2)	Feb 2017	5.6	3.7	3.7	4.3	4.5	3.9	4.8	4.6	3.3
Number of existing homes sold (MLS)	Feb 2017	-3.6	-3.0	1.9	-22.7	-6.2	5.3	-7.5	-6.0	9.6
Wages and Salaries Value of merchandise exports (1)	Dec 2016 Jan 2017	0.6	8.0	-0.7	2.5	1.3	1.7 -2.6	1.6 -5.6	1.7 -5.6	2.2 -1.5
CFIB Business Barometer ®	* March 2017	1.1	0.0	0.4	2.0	10.6	-3.7	0.1	-2.7	1.9
PRICES Consumer Price Index (1)	Feb 2017	-0.2	0.8	-0.2	-0.4	0.2	1.2	1.4	1.6	1.6
Average Hourly Earnings (1)	Feb 2017						3.9	4.4	4.0	0.4
Price of New Housing inc. Land (1)	Jan 2017	0.2	0.0	0.2	2.4	1.6	0.4	1.3	1.3	0.5
LABOR MARKET										
Job creation (000)	Feb 2017	-6.8	4.2	0.4	-0.7	0.1	0.1	1.7	-2.6	-1.0
Unemployment Participation rate	Feb 2017 Feb 2017	8.1 61.4	7.7 62.1	8.3 61.9	8.0 61.8	8.0 61.5	8.2 61.7	9.1 62.1	7.9 61.7	8.9 61.8
•	Feb 2017	01.4	02.1	01.9	01.0	01.5	01.7	02.1	01.7	01.0
NEW BRUNSWICK DOMESTIC DEMAND AND REVENUE										
Retail Sales	Jan 2017	0.1	-0.3	1.0	8.7	1.7	2.3	0.8	8.0	12.5
Manufacturing Shipments	Jan 2017	4.0	0.9	1.6	6.1	7.6	-4.5	-3.6	-3.6	9.3
Housing Starts (000) (2)  Number of existing homes sold (MLS)	Feb 2017 Feb 2017	1.0 17.9	2.1 -5.7	1.7 -5.7	1.6 -2.7	2.1 10.7	1.9 8.0	1.1 29.6	1.6 10.7	1.4 6.9
Wages and Salaries	Dec 2016	1.1	0.0	1.5	11.3	5.2	3.9	5.0	3.9	3.0
Value of merchandise exports (1) CFIB Business Barometer ®	Jan 2017 * March 2017	-1.5	1.9	5.2	42.4	1.6	-11.1 1.3	12.4 19.8	12.4 8.5	-12.0 -7.2
PRICES Consumer Price Index (1)	Feb 2017	-0.1	1.3	-0.4	0.8	1.7	2.3	2.8	3.1	2.1
Average Hourly Earnings (1)	Feb 2017						2.8	4.9	4.7	0.3
Price of New Housing inc. Land (1)  Avg. Price of Existing Homes Sold (MLS)	Jan 2017 Feb 2017	0.2 0.1	0.0 2.0	0.0 1.4	2.8 9.1	2.9 2.1	0.9 3.5	1.9 8.1	1.9 7.9	0.3 -4.6
	1 00 2017	0.1	2.0	1.4	5.1	2.1	0.0	0.1	7.5	-4.0
LABOR MARKET Job creation (000)	Feb 2017	0.0	-3.0	0.5	-0.8	-0.1	0.5	5.9	-3.0	-5.9
Unemployment	Feb 2017	8.9	8.9	9.3	9.0	9.2	9.5	9.8	8.9	9.6
Participation rate	Feb 2017	61.9	62.0	62.8	62.2	62.5	62.4	61.6	61.9	61.9
MANITOBA										
DOMESTIC DEMAND AND REVENUE Retail Sales	Jan 2017	2.5	0.8	0.6	7.5	2.2	4.1	2.8	2.8	9.6
Manufacturing Shipments	Jan 2017	1.7	-4.1	5.6	14.8	8.4	0.7	0.6	0.6	6.8
Housing Starts (000) (2)	Feb 2017	7.2	9.5	4.3	7.0	6.4	5.9	4.9	8.3	5.2
Number of existing homes sold (MLS) Wages and Salaries	Feb 2017 Dec 2016	4.3 0.6	0.5 0.7	4.9 -0.6	5.3 2.5	-2.0 1.6	2.3 1.9	-0.9 1.1	-1.3 1.9	7.5 3.3
Value of merchandise exports (1)	Jan 2017	0.0	0.7	-0.0	2.0	1.0	-2.1	5.3	5.3	5.4
CFIB Business Barometer ®	* March 2017	-3.6	-0.2	0.7	31.3	30.1	-0.6	17.9	11.8	6.9
PRICES										
Consumer Price Index (1)	Feb 2017	-0.1	1.4	-0.1	0.6	0.1	1.4	2.3 0.8	2.2	1.6
Average Hourly Earnings (1) Price of New Housing inc. Land (1)	Feb 2017 Jan 2017	0.3	0.0	0.1	2.7	2.8	1.4 1.9	0.8 2.5	1.1 2.5	4.6 1.8
Avg. Price of Existing Homes Sold (MLS)	Feb 2017	2.2	1.3	-1.4	4.5	6.8	2.8	4.4	2.9	4.1
LABOR MARKET										
Job creation (000)	Feb 2017	3.4	1.3	1.1	1.9	0.7	0.6	6.6	4.7	-2.5
Unemployment Participation rate	Feb 2017 Feb 2017	5.8 67.2	6.1 67.2	6.3 67.2	6.1 67.3	6.2 67.3	6.2 67.5	6.0 67.5	6.0 67.2	6.1 67.5
SASKATCHEWAN										
DOMESTIC DEMAND AND REVENUE										
Retail Sales	Jan 2017	3.7	1.5	1.4	17.4	1.8	1.4	6.0	6.0	3.3
Manufacturing Shipments Housing Starts (000) (2)	Jan 2017 Feb 2017	3.4 5.3	4.8 4.2	0.8 5.3	29.0 4.9	23.7 4.8	2.7 4.8	12.6 5.3	12.6 4.7	-4.9 4.9
Number of existing homes sold (MLS)	Feb 2017	-1.1	-2.4	7.3	6.4	0.2	-4.5	0.2	-1.1	-1.0
Wages and Salaries	Dec 2016	0.9	0.1	0.2	2.7	0.1	-0.2	-0.1	-0.2	1.9
Value of merchandise exports (1) CFIB Business Barometer ®	Jan 2017 * March 2017	-2.3	4.8	1.9	23.4	9.1	-16.0 -1.9	15.6 19.9	15.6 6.9	-23.0 -1.7
PRICES										
Consumer Price Index (1)	Feb 2017	-0.2	1.3	-0.2	0.6	-0.4	1.0	1.4	1.5	1.8
Average Hourly Earnings (1)	Feb 2017	0.4	0.0	0.4	0.3	4.0	2.8	1.2	0.5	3.9
Price of New Housing inc. Land (1) Avg. Price of Existing Homes Sold (MLS)	Jan 2017 Feb 2017	-0.1 -1.9	0.3 -1.7	-0.1 -0.2	0.3 -4.0	-1.0 -2.4	-1.6 -0.4	-1.1 -0.3	-1.1 -0.7	-1.4 -3.1
LABOR MARKET										
LABOR MARKET Job creation (000)	Feb 2017	8.0	-0.7	-0.8	2.2	1.1	0.7	8.8	7.3	-7.2
Unemployment	Feb 2017	6.0	6.4	6.6	6.3	6.6	6.4	6.0	6.2	5.8
Participation rate	Feb 2017 Reuthers Datastream	70.1	69.5	69.7	69.8	69.9	69.9	69.7	69.8	69.9
* Update (1) Not Seasonally Adjusted	(2) Annual Rate					the preceed	ling vear. u	nless other	vise stated	



## **Annex - Economic Tables**

TABLE 4 - PROV	INCIAL ECC	DNOM	IC INE	DICAT	ORS	(Contin	ues fro	m page	A5)	
			ch 31, 20			•			,	
			y Growth (		Annualize	ed Growth (	%)			
Growth Rates Unless	Reference	Past	Prev.	Month	Ave	rage of the I	ast	Since	Year-to-da	ate (3)
Otherwise Indicated	<u>Period</u>	<u>Month</u>	<u>Month</u>	<u>Before</u>	<u>3 Mos.</u>	6 Mos.	12 Mos.	12 Mos.	<u>ref.</u>	prec.
ALBERTA										
DOMESTIC DEMAND AND REVENUE										
Retail Sales	Jan 2017	2.4	1.4	0.0	11.2	2.9	-1.1	4.8	4.8	-0.6
Manufacturing Shipments	Jan 2017	2.7	2.0	4.2	24.6	13.2	-6.1	14.8	14.8	-16.0
Housing Starts (000) (2)	Feb 2017	26.7	19.0	26.7	24.1	25.4	24.6	22.8	22.8	23.0
Number of existing homes sold (MLS)	Feb 2017	7.0	1.8	17.5	47.3	11.3	-3.0	27.5	21.6	-9.8
Wages and Salaries	Dec 2016	0.5	0.5	-0.3	0.0	-0.5	-3.4	-1.7	-3.4	-0.9
Value of merchandise exports (1)	Jan 2017						-11.5	16.4	16.4	-21.7
CFIB Business Barometer ®	* March 2017	11.4	5.4	8.9	143.2	25.5	17.1	109.7	86.1	-45.7
PRIORS										
PRICES Consumer Price Index (1)	Feb 2017	-0.2	1.6	-0.1	2.5	0.3	1.2	2.2	2.3	1.7
Average Hourly Earnings (1)	Feb 2017	-0.2	1.0	-0.1	2.5	0.3	1.4	0.1	0.5	3.2
Price of New Housing inc. Land (1)	Jan 2017	0.0	0.2	0.1	0.4	-0.8	-0.6	-0.7	-0.7	-0.3
Avg. Price of Existing Homes Sold (MLS)	Feb 2017	-1.0	-1.5	0.1	-2.0	1.8	0.9	1.0	1.9	-0.3
Avg. File of Existing Homes Sold (MES)	1 eb 2017	-1.0	-1.5	0.9	-2.0	1.0	0.9	1.0	1.5	-0.9
LABOR MARKET										
Job creation (000)	Feb 2017	1.3	0.2	5.7	2.4	2.7	-0.4	-5.3	1.5	-7.6
Unemployment	Feb 2017	8.3	8.8	8.5	8.5	8.7	8.3	7.9	8.6	7.7
Participation rate	Feb 2017	72.5	72.9	72.7	72.7	72.8	72.5	72.9	72.7	72.7
BRITISH COLUMBIA										
DOMESTIC DEMAND AND REVENUE										
Retail Sales	Jan 2017	2.9	-0.8	-0.9	3.1	5.6	6.1	6.6	6.6	10.3
Manufacturing Shipments	Jan 2017	-0.3	-1.6	1.7	3.1	10.7	4.6	7.0	7.0	0.4
Housing Starts (000) (2)	Feb 2017	30.7	28.7	41.7	33.7	37.1	39.6	54.4	29.7	44.5
Number of existing homes sold (MLS)	Feb 2017	0.9	-0.5	-0.2	-15.6	-39.8	-2.1	-28.9	-27.5	42.2
Wages and Salaries	Dec 2016	1.1	0.8	0.1	6.8	5.2	4.4	5.8	4.4	4.0
Value of merchandise exports	<ul> <li>Jan 2017</li> </ul>	-7.9	1.6	10.6	64.9	43.4	10.8	20.6	15.6	4.1
CFIB Business Barometer ®	* March 2017	1.8	-2.3	-6.1	-18.4	0.4	-0.2	3.9	4.0	-11.7
PRICES										
Consumer Price Index (1)	Feb 2017	0.1	0.7	0.0	0.9	0.7	1.9	2.3	2.3	1.9
Average Hourly Earnings (1)	Feb 2017	0	0.7	0.0	0.0	0	1.1	2.0	1.2	1.6
Price of New Housing inc. Land (1)	Jan 2017	-0.1	0.0	-0.3	-0.1	3.4	4.6	3.7	3.7	2.9
Avg. Price of Existing Homes Sold (MLS)	Feb 2017	5.1	-6.7	2.7	7.3	-16.3	0.1	-12.3	-15.4	24.6
LABOR MARKET										
Job creation (000)	Feb 2017	19.4	11.2	14.8	15.1	8.5	7.1	84.9	30.6	21.2
Unemployment	Feb 2017	5.1	5.6	5.8	5.5	5.7	5.8	6.5	5.4	6.6
Participation rate	Feb 2017	64.9	64.8	64.7	64.8	64.6	64.5	64.4	64.8	64.2
1 articipation rate	1 05 2017	34.9	54.0	54.7	54.0	04.0	04.5	54.4	04.0	04.2

Sources: Thomson-Reuthers Datastream, Canadian Real estate Association and BCStats

\* Update (1) Not Seasonally Adjusted (2) Annual Rate (3) Compared to sdame priod of the preceeding year, unless otherwise stated



TABLE	5 - INTERN		<b>VAL E</b> ch 31, 2		OMIC	INDIC	ATORS	S		
			ly Growth		Annu	alized Grow	th (%)			
Growth Rates Unless	Reference	Past	Prev.	Month		erage of the		Since	Year-to-	. ,
Otherwise Indicated	Period	<u>Month</u>	<u>Month</u>	<u>Before</u>	3 Mos	<u>6 Mos.</u>	<u>12 Mos.</u>	<u>12 Mos.</u>	<u>ref.</u>	prec.
OECD leading index	Jan 2017	0.1	0.1	0.1	8.0	0.3	-0.3	0.3	0.3	-0.7
JAPAN										
Consumer confidence - percenbtage (1)	Feb 2017	42.7	43.0	42.5	42.7	42.3	42.0	39.7	42.9	40.9
Retail Sales (1)	* Feb 2017					7.0	-0.5	0.1	0.6	0.1
Industrial Production, Volume Index Exports	* Feb 2017 Feb 2017	2.0 6.1	-0.4 1.1	0.7 2.3	8.8 39.2	7.0 15.7	1.2 -4.9	9.7 14.9	5.7 9.5	-4.1 -8.9
Imports	Feb 2017	-1.6	4.1	3.2	36.9	13.4	-12.3	7.3	5.9	-17.4
Merchandise trade bal. (Billions of ¥)	Jan 2017	1,461	5,883	6,187	4,510	5,042	4,413	1,677	1,461	1,677
Current account (Billions of ¥)	Jan 2017	126	166	175	156	165	166	155	126	155
Inflation (CPI)	* Feb 2017	-0.1	0.1	-0.2	8.0	8.0	-0.1	0.3	0.4	0.1
Job offers to applicants ratio	Feb 2017	1.43	1.43	1.43	1.43	1.41	1.38	1.29	1.43	1.29
Unemployment Rate	* Feb 2017		3.0 <b>Q3 2016</b>			3.0 <b>Q4 2015</b>		3.2 <b>2016</b>	2.9 <b>2015</b>	3.2 <b>2014</b>
Gross Domestic Product (Constant Yen)		1.2	1.2	2.2	1.9	-1.0	0.6	1.0	1.2	0.2
Euro-zone		10.000000								
Volume Retail Sales	Jan 2017	-0.1	-0.5	-0.2	0.8	1.4	1.8	1.0	1.0	2.1
Industrial Production exc. Construction Exports	Jan 2017 Jan 2017	0.9 -0.6	-1.2 1.8	1.5 3.2	3.5 16.5	3.1 7.5	1.2 0.7	0.5 6.1	0.5 6.1	3.7 1.1
Imports	Jan 2017	4.1	1.5	2.0	25.3	10.9	-0.7	10.7	10.7	1.8
Merch. Trade Bal. (Millions of euros)	Jan 2017	15,679	23,068	22,184	20,310	21,671	21,748	22,290	15,679	21,182
Inflation (CPI)	* March 2017	0.8	0.4	-0.8	0.0	1.2	0.7	1.5	1.8	0.0
Unemployment Rate	Jan 2017	9.6	9.6	9.7	9.6	9.8	10.0	10.4	9.6	10.4
Gross Domestic Product (Constant Euro)		<b>Q4 2016</b> 1.6	Q3 2016 1.7	<b>Q2 2016</b> 1.3	<b>Q1 2016</b> 2.1	<b>Q4 2015</b> 2.0	Q3 2015 1.1	<b>2013</b> -0.4		#VALUE!
UNITED KINGDOM										
Consumer Confidence (Diffusion index)	* March 2017	-4	-4	-5	-5	-5	-4	1	-5	2
Retail Sales	Feb 2017	1.5	-0.5	-2.1	-5.7	3.9	4.6	3.7	2.4	4.6
Manufacturing, energy and mining output	Jan 2017	-0.4	0.9	2.3	7.8	1.4	1.4	3.2	3.2	0.4
Exports (1)	Jan 2017	1.6	2.4	2.7	46.2	20.1	6.7	20.7	20.7	-2.2
Imports (1)	Jan 2017	0.9	0.7	7.2	12.9	18.5	9.4	19.8	19.8	-9.0
Merchandise Trade Bal. (Millions of £)	Jan 2017	-10,833	-10,915	-11,308	-11,019	-10,548	-11,628	-12,384	-10,833	-9,210
Inflation (CPI harmonized) (1)	Feb 2017 Feb 2017	0.8 0.2	-1.0 0.6	0.5 0.2	1.1 3.9	1.8 3.5	1.4 1.2	2.0 3.7	1.8 3.6	1.2 -1.1
Producer price index, manufacturing (1) House prices	Feb 2017	0.2	-1.1	1.6	7.0	4.3	6.7	4.8	4.1	9.6
Unemployment Rate (3-month mov. av.)	Jan 2017	4.7	4.8	4.8	4.8	4.8	4.9	5.1	4.7	5.1
Gross Domestic Product (Constant £)		<b>Q4 2016</b> 2.7	<b>Q3 2016</b> 2.0	<b>Q2 2016</b> 2.4	<b>Q1 2016</b> 0.6	Q4 2015 2.8	Q3 2015 0.6	2016 1.8	2015 2.2	<u>2014</u> 3.1
**************************************										
INTEREST AND EXCHANGE RATE	Reference	Current	Prev.	Week	Avera	ge of last Th	urdave	13 w.	26 w.	52 w.
	Thursday	Week	Week	Before	13 W.	26 W.	<u>52 W.</u>	ago	ago	ago
JAPAN										
Prime Rate	* 30 March 17	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
3-month Financing Bill Rate	* 30 March 17	-0.24	-0.34	-0.33	-0.31	-0.32	-0.32	-0.41	-0.38	-0.12
- Spread with U.S.	* 30 March 17	-1.01	-1.09	-1.05	-0.90	-0.83	-0.70	-0.87 0.04	-0.64 -0.08	-0.33 -0.04
Yield on 10-year Gov't Bonds - Spread with U.S.	* 30 March 17 * 30 March 17	0.06 -2.36	0.06 -2.36	0.06 -2.46	0.07 -2.38	0.03 -2.27	-0.04 -2.02	-2.43	-1.64	-1.82
Exchange Rate (¥/U.S.\$)	* 30 March 17	111.9	110.9	113.3	113.6	111.6	108.2	116.6	101.0	112.6
Euro Zone										
3-month Treasury Bills	* 30 March 17	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25
- Spread with U.S.	* 30 March 17	-1.02	-1.00	-0.97	-0.84	-0.75	-0.64	-0.71	-0.51	-0.46
Firebongs Bate (U.C. 6/Fire)	* 20 March 47	4.07	4.00	4.00	4.07	4.07	4.40	4.05	4.40	4.44
Exchange Rate (U.S.\$/Euro) (Yen/Euro)	* 30 March 17 * 30 March 17	1.07 119.39	1.08 119.36	1.08 121.55	1.07 120.91	1.07 119.60	1.10 118.81	1.05 122.04	1.12 113.88	1.14 127.90
	* 30 March 17	1.16	1.16	1.15	1.16	1.16	1.19	1.17	1.16	1.26
(Euro / £ )										100.000
(Euro / £ ) UNITED KINGDOM							0.23	0.01	0.23	0.45
UNITED KINGDOM	* 30 March 17	0.04	0.04	0.00	0.00	0 14	11 7.3			U.45
UNITED KINGDOM  3-month Treasury Bills (tender)	* 30 March 17	0.04 -0.73	0.04 -0.71	-0.03 -0.75	0.08 -0.51	0.11 -0.40				
UNITED KINGDOM	* 30 March 17 * 30 March 17 * 30 March 17	0.04 -0.73 1.74	0.04 -0.71 1.83	-0.03 -0.75 1.86	0.08 -0.51 1.91	0.11 -0.40 1.91	-0.16 1.87	-0.45 1.84	-0.03 1.42	0.24 2.29
UNITED KINGDOM  3-month Treasury Bills (tender) - Spread with U.S.	<ul><li>30 March 17</li><li>30 March 17</li><li>30 March 17</li></ul>	-0.73	-0.71	-0.75	-0.51	-0.40	-0.16	-0.45 1.84 -1.24	-0.03	0.24
UNITED KINGDOM  3-month Treasury Bills (tender) - Spread with U.S.  Yield on 30-year Gov't Bonds - Spread with U.S.  Exchange Rate (U.S.\$ / £)	<ul><li>30 March 17</li><li>30 March 17</li></ul>	-0.73 1.74	-0.71 1.83	-0.75 1.86	-0.51 1.91	-0.40 1.91	-0.16 1.87	-0.45 1.84	-0.03 1.42	0.24 2.29
UNITED KINGDOM  3-month Treasury Bills (tender) - Spread with U.S.  Yield on 30-year Gov't Bonds - Spread with U.S.	<ul><li>30 March 17</li><li>30 March 17</li><li>30 March 17</li></ul>	-0.73 1.74 -1.29	-0.71 1.83 -1.20 1.25 Montl	-0.75 1.86 -1.28 1.24 nly Growth	-0.51 1.91 -1.14 1.24	-0.40 1.91 -1.05 1.24	-0.16 1.87 -0.82	-0.45 1.84 -1.24 1.23	-0.03 1.42 -0.85	0.24 2.29 -0.33 1.44
UNITED KINGDOM  3-month Treasury Bills (tender) - Spread with U.S.  Yield on 30-year Gov't Bonds - Spread with U.S.  Exchange Rate (U.S.\$ / £)	<ul> <li>30 March 17</li> </ul>	-0.73 1.74 -1.29 1.25	-0.71 1.83 -1.20 1.25 Montl	-0.75 1.86 -1.28 1.24 nly Growth Prev.	-0.51 1.91 -1.14 1.24 1 (%) Month	-0.40 1.91 -1.05 1.24	-0.16 1.87 -0.82 1.30 rowth Over	-0.45 1.84 -1.24 1.23 (%)	-0.03 1.42 -0.85 1.30 Sin beginning	0.24 2.29 -0.33 1.44
UNITED KINGDOM  3-month Treasury Bills (tender) - Spread with U.S.  Yield on 30-year Gov't Bonds - Spread with U.S.  Exchange Rate (U.S.\$ / £)	<ul><li>30 March 17</li><li>30 March 17</li><li>30 March 17</li></ul>	-0.73 1.74 -1.29	-0.71 1.83 -1.20 1.25 Montl	-0.75 1.86 -1.28 1.24 nly Growth	-0.51 1.91 -1.14 1.24	-0.40 1.91 -1.05 1.24	-0.16 1.87 -0.82 1.30	-0.45 1.84 -1.24 1.23	-0.03 1.42 -0.85 1.30 Sin	0.24 2.29 -0.33 1.44
UNITED KINGDOM  3-month Treasury Bills (tender) - Spread with U.S.  Yield on 30-year Gov't Bonds - Spread with U.S.  Exchange Rate (U.S.\$ / £)	<ul> <li>30 March 17</li> </ul>	-0.73 1.74 -1.29 1.25	-0.71 1.83 -1.20 1.25 Montl	-0.75 1.86 -1.28 1.24 nly Growth Prev.	-0.51 1.91 -1.14 1.24 1 (%) Month	-0.40 1.91 -1.05 1.24	-0.16 1.87 -0.82 1.30 rowth Over	-0.45 1.84 -1.24 1.23 (%)	-0.03 1.42 -0.85 1.30 Sin beginning	0.24 2.29 -0.33 1.44 ce g of year



	TABLE	6 - CC	ОММО	DITY	PRIC	ES			
	0		ch 31, 2		(0/)		10 (1. /	0/1	
	Spot P	<u>'rice</u>	Week Last	Iy Growth Prev.	<u>(%)</u> Week	in the second	<u>d Growth(</u> For the Last		Last
	March 30	March 23	Week	Week	Before	13 W.	26 W.	52 W.	Year
INDICES THOMSON-REUTERS									
Total	417.9	421.8	-0.9	0.3	1.0	-2.3	-0.4	7.7	387.8
Energy	427.9	411.2	4.1	0.8	-1.8	-31.6	6.5	36.4	313.7
Grain Industrials	288.2 415.3	291.1 415.8	-1.0 -0.1	-2.2 -1.1	-1.0 2.0	6.5 37.6	11.3 38.3	-0.7 27.1	290. <sup>2</sup> 326.7
Livestock & Meat	338.5	348.6	-2.9	0.6	2.2	8.8	57.1	-8.8	371.2
Precious Metals	804.9	799.6	0.7	1.2	2.0	39.2	-12.2	5.1	766.0
PRECIOUS METALS									
Gold (\$/ounce) (AM fixing London)	1250.90	1247.90	0.2	1.8	1.7	41.6	-10.3	1.4	1233.60
Platinum (\$/ounce) (AM fixing London)	956.0	962.0	-0.6	0.0	1.5	24.5	-13.5	-1.4	970.0
Silver (\$/ounce) (Handy & Harman)	0.2	0.2	3.6	1.6	1.4	59.5	-9.1	18.0	0.2
Palladium (\$/ounce troy)	796.0	803.0	-0.9	4.4	2.0	99.2	26.0	39.9	569.0
OTHER METALS (LME)									
Aluminum (\$/tonne)	1,962	1,923	2.0	1.9	1.7	80.6	39.6	29.9	1,511
Copper (\$/tonne)	5,938	5,798	2.4	-1.6	3.8	38.9	51.4	21.7	4,881
Zinc (\$/tonne)	2,853	2,795	2.1	-0.6	5.3	67.4	46.9	57.8	1,808
Nickel (\$/tonne)	10,074	9,968	1.1	-1.9	0.7	0.3	-6.0	19.2	8,449
Lead (\$/tonne)	2,344	2,363	-0.8	5.9	-0.8	108.0	28.9	38.1	1,697
Uranium (UxC-Ux U308 Spot \$/pound)	24.50	25.50	-3.9	4.1	-3.9	114.3	6.4	-16.0	29.15
OTHER COMMODITIES									
Oil WTI (\$/barrel) future (NYMEX)	50.35	47.70	5.6	-2.2	-1.1	-23.1	10.8	31.3	38.34
Oil (Spead with WTI \$/barrel) 1st future (West Canadian select - CME)	-15.95	-15.95	0.0	0.0	0.0	0.0	30.7	20.4	-13.25
Corn (¢/bushel) (Illinois #2)	3.3	3.3	0.3	-1.5	-2.0	-2.4	21.7	-2.6	3.4
Soy beans (¢/bushel) (Illinois #1)	9.3	9.5	-2.8	-1.3	-0.6	-21.6	1.5	3.9	8.8
Pork (¢/lb)	138.1	149.5	-7.7	6.5	-20.5	54.5	121.7	4.6	132.1
Beef (Cattle feeder index) (CME)	132.9	132.5	0.3	2.5	1.6	-1.0	-1.6	-16.1	158.3
Soft Wood Pulp (HWWI) Index 2010 = 100	102	102	0.0	-0.2	-1.9	29.5	15.0	4.8	98
Natural Gas (mmbtu) Henry Hub future NYMEX	3.07	2.93	4.8	2.8	0.7	-51.6	8.3	58.2	1.94
Lumber 2X4	375	377	-0.3	3.6	4.3	110.4	29.3	20.8	311
Iron ore (\$/metric ton)	82	93	-11.4	1.6	6.4	7.7	107.0	49.6	55
All prices are in	US dolla	rs				Source:	Thomso	n Reuthe	ers Datastream



#### **Economics and Strategy**

# Montreal Office 514-879-2529

#### Stéfane Marion

Chief Economist and Strategist stefane.marion@nbc.ca

#### Paul-André Pinsonnault

Senior Fixed Income Economist paulandre.pinsonnault@nbc.ca

#### Krishen Rangasamy

Senior Economist krishen.rangasamy@nbc.ca

#### **Marc Pinsonneault**

Senior Economist marc.pinsonneault@nbc.ca

#### Matthieu Arseneau

Senior Economist matthieu.arseneau@nbc.ca

#### **Angelo Katsoras**

Geopolitical Analyst angelo.katsoras@nbc.ca

#### **Kyle Dahms**

Economist kyle.dahms@nbc.ca

# **Toronto Office** 416-869-8598

#### Warren Lovely

MD, Public Sector Research and Strategy warren.lovely@nbc.ca

General - National Bank Financial (NBF) is an indirect wholly owned subsidiary of National Bank of Canada. National Bank of Canada is a public company listed on Canadian stock exchanges.

The particulars contained herein were obtained from sources which we believe to be reliable but are not guaranteed by us and may be incomplete. The opinions expressed are based upon our analysis and interpretation of these particulars and are not to be construed as a solicitation or offer to buy or sell the securities mentioned herein.

Research Analysts – The Research Analyst(s) who prepare these reports certify that their respective report accurately reflects his or her personal opinion and that no part of his/her compensation was, is, or will be directly or indirectly related to the specific recommendations or views as to the securities or companies.

NBF compensates its Research Analysts from a variety of sources. The Research Department is a cost centre and is funded by the business activities of NBF including, Institutional Equity Sales and Trading, Retail Sales, the correspondent clearing business, and Corporate and Investment Banking. Since the revenues from these businesses vary, the funds for research compensation vary. No one business line has a greater influence than any other for Research Analyst compensation.

Canadian Residents – In respect of the distribution of this report in Canada, NBF accepts responsibility for its contents. To make further inquiry related to this report, Canadian residents should contact their NBF professional representative. To effect any transaction, Canadian residents should contact their NBF Investment advisor.

U.S. Residents – With respect to the distribution of this report in the United States, National Bank of Canada Financial Inc. (NBCFI) is regulated by the Financial Industry Regulatory Authority (FINRA) and a member of the Securities Investor Protection Corporation (SIPC). This report has been prepared in whole or in part by, research analysts employed by non-US affiliates of NBCFI that are not registered as broker/dealers in the US. These non-US research analysts are not registered as associated persons of NBCFI and are not licensed or qualified as research analysts with FINRA or any other US regulatory authority and, accordingly, may not be subject (among other things) to FINRA restrictions regarding communications by a research analyst with the subject company, public appearances by research analysts and trading securities held a research analyst account.

All of the views expressed in this research report accurately reflect the research analysts' personal views regarding any and all of the subject securities or issuers. No part of the analysts' compensation was, is, or will be, directly or indirectly, related to the specific recommendations or views expressed in this research report. The analyst responsible for the production of this report certifies that the views expressed herein reflect his or her accurate personal and technical judgment at the moment of publication. Because the views of analysts may differ, members of the National Bank Financial Group may have or may in the future issue reports that are inconsistent with this report, or that reach conclusions different from those in this report. To make further inquiry related to this report, United States residents should contact their NBCFI registered representative.

**UK Residents** – In respect of the distribution of this report to UK residents, National Bank Financial Inc. has approved the contents (including, where necessary, for the purposes of Section 21(1) of the Financial Services and Markets Act 2000). National Bank Financial Inc. and/or its parent and/or any companies within or affiliates of the National Bank of Canada group and/or any of their directors, officers and employees may have had interests or long or short positions in, and may at any time make purchases and/or sales as principal or agent, or may act or may have acted as market maker in the relevant investments or related investments discussed in this report, or may act or have acted as investment and/or commercial banker with respect thereto. The value of investments can go down as well as up. Past performance will not necessarily be repeated in the future. The investments contained in this report are not available to retail customers. This report does not constitute or form part of any offer for sale or subscription of or solicitation of any offer to buy or subscribe for the securities described herein nor shall it or any part of it form the basis of or be relied on in connection with any contract or commitment whatsoever.

This information is only for distribution to Eligible Counterparties and Professional Clients in the United Kingdom within the meaning of the rules of the Financial Conduct Authority. National Bank Financial Inc. is authorised and regulated by the Financial Conduct Authority and has its registered office at 71 Fenchurch Street, London, EC3M 4HD.

National Bank Financial Inc. is not authorised by the Prudential Regulation Authority and the Financial Conduct Authority to accept deposits in the United Kingdom.

HK Residents – With respect to the distribution of this report in Hong Kong by NBC Financial Markets Asia Limited ("NBCFMA") which is licensed by the Securities and Futures Commission ("SFC") to conduct Type 1 (dealing in securities) regulated activity, the contents of this report are solely for informational purposes. It has not been approved by, reviewed by, verified by or filed with any regulator in Hong Kong. Nothing herein is a recommendation, advice, offer or solicitation to buy or sell a product or service, nor an official confirmation of any transaction. None of the products issuers, NBCFMA or its affiliates or other persons or entities named herein are obliged to notify you of changes to any information and none of the foregoing assume any loss suffered by you in reliance of such information.

The content of this report may contain information about investment products which are not authorized by SFC for offering to the public in Hong Kong and such information will only be available to, those persons who are Professional Investors (as defined in the Securities and Futures Ordinance of Hong Kong ("SFO")). If you are in any doubt as to your status you should consult a financial adviser or contact us. This material is not meant to be marketing materials and is not intended for public distribution. Please note that neither this material nor the product referred to is authorized for sale by SFC. Please refer to product prospectus for full details.

There may be conflicts of interest relating to NBCFMA or its affiliates' businesses. These activities and interests include potential multiple advisory, transactional and financial and other interests in securities and instruments that may be purchased or sold by NBCFMA or its affiliates, or in other investment vehicles which are managed by NBCFMA or its affiliates that may purchase or sell such securities and instruments.

No other entity within the National Bank of Canada group, including NBF, is licensed or registered with the SFC. Accordingly, such entities and their employees are not permitted and do not intend to: (i) carry on a business in any regulated activity in Hong Kong; (ii) hold themselves out as carrying on a business in any regulated activity in Hong Kong; or (iii) actively market their services to the Hong Kong public.

Copyright – This report may not be reproduced in whole or in part, or further distributed or published or referred to in any manner whatsoever, nor may the information, opinions or conclusions contained in it be referred to without in each case the prior express written consent of National Bank Financial.