

## GLOBAL ECONOMICS SCOTIABANK'S FORECAST TABLES

June 6, 2017

- Updated on June 21, 2017 to reflect forecasts for the Bank of Canada and exchange rates published last week. No other changes to the tables were made. A full forecast update will be published with our *Global Outlook* on July 6<sup>th</sup>.
- Global momentum remains robust, despite elevated geopolitical risks.
   Business and household activity is generally strengthening across the globe, though growth in the US underwhelmed in the first quarter. Our tracking of the global economy continues to suggest a solid acceleration relative to last year, with growth of 3.5% in 2017.
- In Canada, our forecast has been increased to 2.6% in 2017 following the strong first-quarter data. Household and business spending rose more rapidly than earlier anticipated. Most notably, business investment rose by 10% (annual rate), the result of broad-based increases in capital spending. First-quarter growth would have been much stronger were it not for a spike in imports of machinery and equipment, which reflects the increase in investment activity. The surge in imports was a reflection of the strength of the economy. We expect growth to stabilize around a 2% annualized rate for the remainder of the year, leading to annual growth of 2.6%, double the Bank of Canada's estimate of potential output growth.
- The very strong growth registered in 2017Q1 combined with a large increase in the GDP deflator imply that nominal GDP growth this calendar year will significantly exceed the estimates used to prepare Canada's federal Budget. In addition, the stronger-than-expected federal revenue growth estimated for fiscal year 2016–17 just ended raises the baseline for revenue into 2017–18. These factors led us to narrow our federal deficit forecasts for the next two fiscal years. For the current fiscal year, fiscal 2017–18, we now anticipate a deficit of \$24.5 billion, followed by a deficit of \$23.5 billion in 2018–19. These are well below the Budget forecasts of \$28.5 billion in 2017–18 and \$27.4 in 2018–19.

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International	2000–15	2016	2017f	2018f	2000–15	2016	2017f	2018f		
		Rea	I GDP		Consu	mer Price	S			
		(annual	% change)		(y/y % change, year-end)					
World (based on purchasing power parity)	3.9	3.2	3.5	3.6						
Canada	2.2	1.5	2.6	2.0	1.9	1.4	1.8	2.1		
United States	1.9	1.6	2.2	2.4	2.2	1.8	2.3	2.3		
Mexico	2.4	2.3	2.0	2.5	4.5	3.4	6.1	4.3		
United Kingdom	1.8	1.8	2.0	1.2	2.2	0.7	2.7	2.4		
Euro zone	1.2	1.6	1.7	1.7	1.9	1.1	1.4	1.7		
Germany	1.2	1.7	1.8	1.7	1.6	1.7	1.5	1.8		
France	1.3	1.2	1.4	1.6	1.7	0.6	1.3	1.4		
Russia	4.6	-0.2	1.2	1.4	11.4	5.4	5.5	5.0		
China	9.8	6.7	6.6	6.1	2.4	2.1	2.2	2.5		
India	7.0	7.6	7.5	7.8	7.2	3.4	5.5	5.7		
Japan	0.9	1.0	1.2	0.7	0.0	0.3	8.0	1.1		
South Korea	4.4	2.8	2.8	2.7	2.8	1.3	2.1	2.3		
Indonesia	5.6	5.0	5.3	5.5	6.2	3.0	5.0	4.7		
Australia	3.0	2.5	2.5	2.7	2.9	1.5	2.0	2.1		
Thailand	4.2	3.2	3.2	3.2	2.7	1.1	1.3	2.0		
Brazil	3.4	-3.6	0.3	2.5	6.5	6.3	4.0	4.5		
Colombia	4.3	2.0	1.9	2.8	5.0	5.7	4.5	3.5		
Peru	5.3	3.9	2.6	3.7	2.7	3.2	3.1	2.8		
Chile	4.3	1.6	1.6	2.4	3.3	2.7	2.8	3.2		
Commodities										
		(annual	average)							
WTI Oil (USD/bbl)	64	43	53	56						
Brent Oil (USD/bbl)	67	45	56	59						
Nymex Natural Gas (USD/mmbtu)	5.09	2.55	3.10	3.05						
Copper (USD/lb)	2.36	2.21	2.50	2.65						
Zinc (USD/lb)	0.81	0.95	1.35	1.55						
Nickel (USD/lb)	7.45	4.36	5.00	5.50						
Aluminium (USD/lb)	0.87	0.73	0.85	0.85						
Iron Ore (USD/tonne)	68	58	65	55						
Metallurgical Coal (USD/tonne)	127	115	170	130						
Gold, London PM Fix (USD/oz)	845	1,251	1,200	1,250						
30.3, 20.130111 W. 1 IX (00D102)	0.10	1,201	1,200	1,200						





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North America	2000–15	2016	2017f	2018f	2000–15	2016	2017f	2018f			
		Ca	nada		United States						
	(anr	nual % chan	ige, unless i	(annual % change, unless noted)							
Real GDP	2.2	1.5	2.6	2.0	1.9	1.6	2.2	2.4			
Consumer Spending	2.9	2.3	2.9	1.8	2.3	2.7	2.5	2.7			
Residential Investment	3.8	3.0	4.0	-1.3	-0.7	4.9	5.3	2.7			
Business Investment	2.7	-7.8	-0.8	3.0	2.4	-0.5	4.2	3.3			
Government	2.2	1.8	2.0	2.0	1.0	0.8	0.2	0.9			
Exports	1.3	1.0	1.8	3.9	3.8	0.4	2.7	2.8			
Imports	3.1	-0.9	2.1	2.7	3.5	1.1	4.2	3.5			
Nominal GDP	4.4	2.1	5.2	4.1	4.0	3.0	4.3	4.5			
GDP Deflator	2.2	0.6	2.5	2.2	2.0	1.3	2.0	2.0			
Consumer Price Index	2.0	1.4	1.8	2.0	2.2	1.3	2.3	2.3			
CPI Ex. Food & Energy	1.6	1.9	1.7	1.8	2.0	2.2	2.1	2.3			
Pre-Tax Corporate Profits	3.9	-4.5	25.0	5.0	5.9	-0.1	4.5	3.5			
Employment	1.4	0.7	1.4	0.8	0.6	1.8	1.5	1.3			
Unemployment Rate (%)	7.1	7.0	6.6	6.5	6.3	4.9	4.5	4.4			
Current Account Balance (CAD, USD bn)	-13.9	-67.0	-47.4	-33.4	-521	-481	-474	-505			
Merchandise Trade Balance (CAD, USD bn)	28.2	-26.0	0.4	11.5	-668	-750	-822	-877			
Federal Budget Balance (FY, CAD, USD bn)	-2.9	-1.0	-22.0	-24.5	-529	-585	-610	-650			
percent of GDP	-0.2	0.0	-1.1	-1.1	-3.8	-3.2	-3.2	-3.2			
Housing Starts (000s, mn)	199	198	202	188	1.27	1.18	1.25	1.33			
Motor Vehicle Sales (000s, mn)	1,639	1,949	1,940	1,925	15.4	17.5	17.4	17.6			
Industrial Production	0.5	-0.3	3.8	1.5	0.8	-1.2	1.5	2.0			
		Me	exico								
(annual % change)											
Real GDP	2.4	2.3	2.0	2.5							
Consumer Price Index (year-end)	4.5	3.4	6.1	4.3							
Current Account Balance (USD bn)	-13.9	-27.9	-20.7	-28.1							
Merchandise Trade Balance (USD bn)	-6.8	-13.1	-4.5	-7.5							

Quarterly Forecasts	asts 2016					2017			2018			
Canada	Q1	Q2	Q3	Q4	Q1	Q2f	Q3f	Q4f	Q1f	Q2f	Q3f	Q4f
Real GDP (q/q ann. % change)	2.8	-1.4	4.2	2.7	3.7	2.2	2.1	2.0	1.9	1.9	1.8	1.8
Real GDP (y/y % change)	1.3	1.1	1.5	2.0	2.3	3.2	2.7	2.5	2.0	2.0	1.9	1.9
Consumer Prices (y/y % change)	1.5	1.6	1.2	1.4	1.9	1.7	1.8	1.8	1.9	1.9	2.1	2.1
CPI Ex. Food & Energy (y/y % change)	1.7	2.0	2.0	1.8	2.0	1.5	1.5	1.6	1.7	1.7	1.9	1.9
Avg. of New Core CPIs (y/y % change)	1.8	2.0	1.8	1.7	1.5	1.4	1.5	1.5	1.6	1.7	1.7	1.8
United States												
Real GDP (q/q ann. % change)	0.8	1.4	3.5	2.1	1.2	3.0	2.5	2.4	2.4	2.4	2.3	2.3
Real GDP (y/y % change)	1.6	1.3	1.7	2.0	2.0	2.4	2.2	2.3	2.6	2.4	2.4	2.4
Consumer Prices (y/y % change)	1.1	1.1	1.1	1.8	2.6	2.2	2.3	2.3	2.2	2.4	2.4	2.3
CPI Ex. Food & Energy (y/y % change)	2.2	2.2	2.2	2.2	2.2	2.0	2.0	2.1	2.1	2.3	2.3	2.3





Updated: June 21, 2017

	201	6		201	7			2018				
Central Bank Rates	Q3	Q4	Q1	Q2f	Q3f	Q4f	Q1f	Q2f	Q3f	Q4f		
Americas					(%, end of		-,		-,			
Bank of Canada US Federal Reserve (upper bound) Bank of Mexico	0.50 0.50 4.75	0.50 0.75 5.75	0.50 1.00 6.50	0.50 1.25 6.75	0.50 1.25 7.00	0.75 1.50 7.25	1.00 1.50 7.50	1.25 1.75 7.50	1.25 1.75 7.50	1.25 2.00 7.50		
Central Bank of Brazil Bank of the Republic of Colombia Central Reserve Bank of Peru Central Bank of Chile	14.25 7.75 4.25 3.50	13.75 7.50 4.25 3.50	12.25 7.00 4.25 3.00	10.25 6.25 3.75 2.50	9.50 6.00 3.75 2.50	9.00 5.75 3.75 2.50	9.00 5.50 3.75 3.00	9.25 5.50 3.75 3.25	9.50 5.25 3.75 3.50	9.50 5.25 3.75 3.75		
Europe												
European Central Bank Bank of England Swiss National Bank	0.00 0.25 -0.75											
Asia/Oceania												
Reserve Bank of Australia Bank of Japan People's Bank of China Reserve Bank of India Bank of Korea Bank Indonesia Bank of Thailand	1.50 -0.10 4.35 6.50 1.25 5.00 1.50	1.50 -0.10 4.35 6.25 1.25 4.75 1.50	1.50 -0.10 4.35 6.25 1.25 4.75 1.50	1.50 -0.10 4.35 6.25 1.25 4.75 1.50	1.50 -0.10 4.35 6.25 1.25 4.75 1.50	1.50 -0.10 4.35 6.25 1.25 4.75 1.50	1.50 -0.10 4.35 6.25 1.25 4.75 1.50	1.50 -0.10 4.35 6.25 1.50 5.00 1.75	1.50 -0.10 4.35 6.25 1.50 5.00 1.75	1.75 -0.10 4.35 6.25 1.75 5.25 2.00		
Currencies and Interest Rates												
Americas					(end of p	period)						
Canadian Dollar (USDCAD) Canadian Dollar (CADUSD) Mexican Peso (USDMXN)	1.31 0.76 19.39	1.34 0.74 20.73	1.33 0.75 18.72	1.33 0.75 18.12	1.30 0.77 19.86	1.28 0.78 20.39	1.28 0.78 20.60	1.27 0.79 20.45	1.25 0.80 20.51	1.25 0.80 20.79		
Brazilian Real (USDBRL) Colombian Peso (USDCOP) Peruvian Nuevo Sol (USDPEN) Chilean Peso (USDCLP)	3.26 2,882 3.38 657	3.26 3,002 3.36 670	3.12 2,874 3.25 660	3.28 2,949 3.28 665	3.30 3,125 3.26 653	3.35 3,100 3.25 658	3.45 3,125 3.26 655	3.45 3,150 3.22 652	3.50 3,100 3.23 649	3.45 3,125 3.20 647		
Europe												
Euro (EURUSD) U.K. Pound (GBPUSD) Swiss Franc (USDCHF) Swedish Krona (USDSEK) Norwegian Krone (USDNOK) Russian Ruble (USDRUB)	1.12 1.30 0.97 8.58 7.98 62.9	1.05 1.23 1.02 9.10 8.64 61.5	1.07 1.26 1.00 8.97 8.60 56.2	1.11 1.28 0.98 8.75 8.50 57.8	1.12 1.28 0.98 8.80 8.00 58.0	1.13 1.28 0.97 8.70 8.00 58.3	1.15 1.28 0.97 8.60 7.80 58.7	1.18 1.28 0.95 8.50 7.60 59.0	1.20 1.31 0.93 8.40 7.40 59.2	1.20 1.31 0.93 8.30 7.20 59.3		
Asia/Oceania												
Japanese Yen (USDJPY) Australian Dollar (AUDUSD) Chinese Yuan (USDCNY) Indian Rupee (USDINR) South Korean Won (USDKRW) Indonesian Rupiah (USDIDR) Thai Baht (USDTHB)	101 0.77 6.67 66.6 1,101 13,042 34.6	117 0.72 6.95 67.9 1,208 13,473 35.8	111 0.76 6.89 64.9 1,118 13,326 34.4	111 0.76 6.81 64.5 1,124 13,286 34.0	110 0.75 6.95 66.0 1,150 13,450 34.8	110 0.75 7.00 67.0 1,160 13,500 35.2	112 0.77 6.95 66.0 1,150 13,450 34.8	112 0.77 6.95 66.0 1,150 13,450 34.8	115 0.78 6.90 65.5 1,140 13,400 34.5	115 0.78 6.90 65.5 1,140 13,400 34.5		
Canada (Yields, %)												
3-month T-bill 2-year Canada 5-year Canada 10-year Canada 30-year Canada	0.53 0.52 0.62 1.00 1.66	0.46 0.75 1.11 1.72 2.31	0.55 0.75 1.12 1.63 2.30	0.50 0.70 0.95 1.40 2.00	0.50 0.90 1.10 1.60 2.20	0.50 1.05 1.30 1.80 2.40	0.60 1.20 1.50 1.90 2.50	0.80 1.35 1.65 2.10 2.60	0.90 1.45 1.80 2.20 2.70	1.10 1.60 1.90 2.30 2.80		
United States (Yields, %)												
3-month T-bill 2-year Treasury 5-year Treasury 10-year Treasury 30-year Treasury	0.27 0.76 1.15 1.59 2.31	0.50 1.19 1.93 2.44 3.07	0.75 1.25 1.92 2.39 3.01	1.00 1.25 1.65 2.05 2.75	1.05 1.50 1.85 2.30 3.00	1.25 1.65 2.10 2.60 3.25	1.30 1.75 2.25 2.75 3.35	1.55 1.85 2.40 2.90 3.40	1.60 1.95 2.55 2.95 3.45	1.80 2.10 2.60 3.00 3.50		





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The Provinces												
The Free moes	(annual % change, except where noted)											
Real GDP	CA	NL	PE	NS	NB	QC	ON	MB	SK	AB	вс	
2000–15	2.2	2.5	1.8	1.4	1.2	1.7	2.0	2.4	2.1	3.1	2.7	
2016p*	1.5	1.9	2.4	0.9	1.4	1.7	2.6	2.4	-1.0	-3.8	3.7	
2017f	2.6	-1.9	1.3	1.4	0.8	2.2	2.8	2.3	1.8	2.9	2.8	
2018f	2.0	-0.2	1.2	1.2	0.6	1.7	2.2	2.0	2.0	2.3	2.3	
Nominal GDP												
2000–15	4.4	5.7	4.3	3.3	3.3	3.6	3.8	4.5	6.0	6.5	4.5	
2016e	2.1	-0.1	3.7	2.4	2.5	3.0	4.2	3.7	-3.5	-6.0	5.4	
2017f	5.2	2.4	3.1	3.3	2.6	4.4	5.1	4.4	5.2	7.0	5.2	
2018f	4.1	2.8	2.7	2.8	2.2	3.5	4.1	3.8	4.4	5.2	4.2	
Employment												
2000–15	1.4	1.0	1.2	0.7	0.5	1.3	1.3	1.0	1.3	2.5	1.2	
2016	0.7	-1.5	-2.3	-0.4	-0.1	0.9	1.1	-0.4	-0.9	-1.6	3.2	
2017f	1.4	-2.1	1.1	0.5	0.5	1.4	1.4	0.8	0.4	0.7	2.4	
2018f	0.8	-1.1	0.4	0.3	0.2	0.7	1.1	0.6	0.6	0.9	1.2	
Unemployment Rate (%)												
2000–15	7.1	14.3	11.2	8.9	9.6	8.1	7.2	5.1	4.9	4.9	6.6	
2016	7.0	13.4	10.7	8.3	9.5	7.1	6.5	6.1	6.3	8.1	6.0	
2017f	6.6	14.3	10.2	8.1	8.8	6.4	6.2	5.8	6.1	8.2	5.5	
2018f	6.5	14.7	10.1	7.9	8.7	6.3	6.2	5.7	6.0	8.0	5.4	
Housing Starts (units, 000	Os)											
2000–15	199	2.7	0.8	4.3	3.6	44	71	5.1	5.2	35	28	
2016	198	1.4	0.6	3.8	1.8	39	75	5.3	4.8	25	42	
2017f	202	1.1	0.6	4.0	1.7	42	80	6.4	4.5	26	36	
2018f	188	1.3	0.5	3.7	1.8	39	73	5.5	4.6	26	33	
Motor Vehicle Sales (units	s, 000s)											
2000–15	1,639	28	6	48	37	410	624	47	45	216	178	
2016	1,949	33	9	54	44	458	807	55	51	220	218	
2017f	1,940	31	8	54	42	456	800	56	52	223	218	
2018f	1,925	30	7	54	41	452	792	55	53	226	215	
Budget Balances, Fiscal \	Year Ending	March 31 (C	AD mn)									
2000–15	-2,917	59	-39	-31	-146	-1,009	-5,215	-84	425	1,746	291	
2016	-987	-2,207	-13	-11	-261	2,191	-3,514	-846	-675	-6,442	730	
2017f**	-22,000	-1,080	-18	41	-231	250	-1,524	-872	-1,289	-10,806	1,458	
2018f**	-24,500	-778	1	136	-192	0	0	-840	-685	-10,344	295	

<sup>\*</sup> Real GDP by industry at basic prices. \*\* FY17f & FY18f: Provinces' estimates, SK:FY15–FY18f excluding pension accrual adjustment; history: MB:FY04–FY15 and AB:FY05–FY15.



## GLOBAL ECONOMICS SCOTIABANK'S FORECAST TABLES

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