## Nordic Barometer<sup>©</sup> - January 2017

\*\*\*A monthly survey of economic forecasts and expert opinion for the Nordic area, distributed to subscribers by e-mail within just a few working days of the polling date. Rapid compilation and dissemination make the Nordic Barometer a unique reference tool for investors, traders and corporate planners.\*\*\*

#### Survey Deadline: January 16th, 2017

#### <u>What does 2017 have in store</u> <u>for Northern Europe?</u>

• **This month**, in our first survey of 2017, our short-term forecast horizon, as usual, shifts forward a year to include detailed projections for 2018 for the first time, along with forecasts for 2017.

• Our survey contributors have also been asked to review their **long-term**, five-year forecasts, which now extend out a year to 2021.

• **In Denmark,** the experts have downgraded their GDP growth projections this month, based on lower expectations for exports.

• **Finnish forecasters**, by contrast, have kept faith in their growth predictions, with investment likely to be stronger now than previously predicted.

• **In Norway**, the outlook is broadly the same as last time, but with pessimism receding as the hydrocarbons industry gets to grips with gradually rising oil prices.

• In Finland, Norway and Sweden, **inflation expectations** are rising, underpinned by recent outturns pushed higher by commodity prices.



#### Next Month's Survey Deadline: February 20th, 2017

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Calculated Regional Aggregates										
(% change year-on-year, unless otherwise stated)	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017f</u>	<u>2018f</u>					
Gross Domestic Product	1.6	2.3	1.9	1.6	1.8					
Private Consumption	1.8	2.2	1.9	1.7	2.4					
Government Consumption	1.6	1.9	2.3	1.7	1.3					
Gross Fixed Investment	2.5	1.9	3.5	2.4	2.5					
Unemployment Rate (% of labour force)	6.5	6.7	6.5	6.3	6.2					
Consumer Price Inflation	0.9	0.7	1.8	1.8	1.9					
General Government Balance (% GDP)	1.9	1.9	1.1	1.0	1.3					

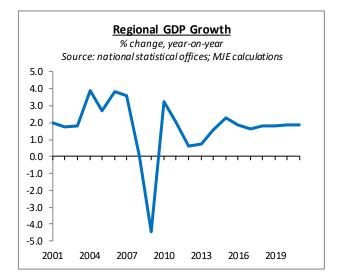
Notes: Regional totals are weighted averages calculated from the individual country data, using fixed GDP weights for 2014 and converted to euros at average 2014 exchange rates. *f* = consensus (mean average) forecast.

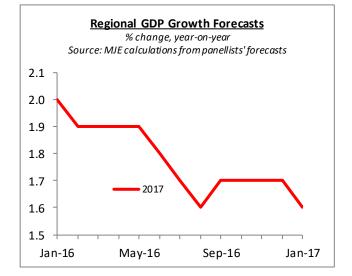
#### **Recovery Back on Track by 2018**

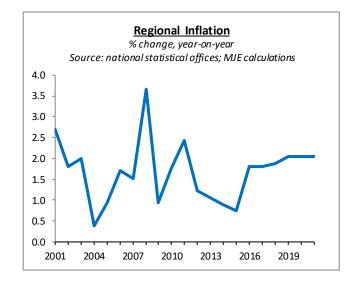
• The outlook for GDP growth in 2017 has been downgraded this month as participating economists adjust their expectations to recent and anticipated data releases. However, regional average calculations show stronger growth re-emerging by 2018.

• The forecast for private consumption in 2017 is unchanged this month, but the unemployment rate is lower, partly responding to forecasts for investment which have been raised this time.

• With energy prices rising, inflation expectations have increased.







Quarterly Forec	asts and H	istorical	Data			
(% change year-on-						
<u>Denmark</u>	<u>Q1'16</u>	Q2'16		<u>Q4'16</u>	Q1'17	Q2'17
Gross Domestic Product	0.9	0.3	1.2	1.8	1.4	1.5
Consumer Prices	0.3	0.1	0.2	0.4	0.8	1.0
3 month Interest Rate, % per annum, end period	-0.08	-0.21	-0.19	-0.23	-0.10	-0.05
10 Year Bond Yield, % per annum, end period	0.37	0.11	0.01	0.34	0.40	0.48
	<u>Q3'17</u>	<u>Q4'17</u>	<u>Q1'18</u>	<u>Q2'18</u>	<u>Q3'18</u>	<u>Q4'18</u>
Gross Domestic Product	1.6	1.6	1.7	1.7	1.7	1.8
Consumer Prices	1.1	1.3	1.5	1.5	1.6	1.6
3 month Interest Rate, % per annum, end period	-0.02	-0.29	0.05	0.10	0.20	-0.03
10 Year Bond Yield, % per annum, end period	0.55	0.58	0.73	0.83	0.92	0.98
Finland	<u>Q1'16</u>	<u>Q2'16</u>	<u>Q3'16</u>	<u>Q4'16</u>	<u>Q1'17</u>	<u>Q2'17</u>
Gross Domestic Product	2.0	0.9	1.6	1.2	0.6	1.2
Industrial Production	-0.7	2.4	2.2	1.9	2.6	2.0
Consumer Prices	0.0	0.1	0.2	0.4	1.6	1.5
3 month Interest Rate, % per annum, end period	-0.24	-0.29	-0.30	-0.32	-0.30	-0.30
10 Year Bond Yield, % per annum, end period	0.37	0.15	0.03	0.35	0.70	0.81
	<u>Q3'17</u>	<u>Q4'17</u>	Q1'18	<u>Q2'18</u>	<u>Q3'18</u>	<u>Q4'18</u>
Gross Domestic Product	<u>qs 17</u> 1.5	<u>04 17</u> 2.1	<u>qi 18</u> 1.7	<u>02 18</u> 1.5	<u>qs 18</u> 1.6	<u>04 18</u> 1.6
Industrial Production	2.2	1.6	2.2	2.5	2.5	2.6
Consumer Prices	1.5	1.3	1.4	1.5	1.5	1.4
3 month Interest Rate, % per annum, end period	-0.28	-0.27	-0.22	-0.16	-0.08	-0.04
10 Year Bond Yield, % per annum, end period	0.91	0.83	1.12	1.24	1.36	1.24
Norway	<u>Q1'16</u>	<u>Q2'16</u>	<u>Q3'16</u>	Q4'16	<u>Q1'17</u>	<u>Q2'17</u>
Gross Domestic Product	1.3	1.3	-1.0	<u>4 10</u> 1.4	0.5	0.9
Industrial Production	-0.5	0.2	-6.6	-1.0	-3.6	-2.4
Consumer Prices	3.2	3.4	4.0	3.6	2.8	2.7
3 month Interest Rate, % per annum, end period	1.00	1.01	1.15	1.17	1.10	1.06
10 Year Bond Yield, % per annum, end period	1.21	1.01	1.23	1.64	1.63	1.58
	<u>Q3'17</u>	<u>Q4'17</u>	<u>Q1'18</u>	<u>Q2'18</u>	<u>Q3'18</u>	<u>Q4'18</u>
Gross Domestic Product	1.5	1.2	1.7	1.8	1.9	2.0
Industrial Production	1.6	-0.6	1.6	1.6	1.5	1.4
Consumer Prices	2.0	2.4	2.3	2.2	2.0	2.1
3 month Interest Rate, % per annum, end period	1.04	1.03	1.07	1.11	1.15	1.25
10 Year Bond Yield, % per annum, end period	1.57	1.56	1.63	1.69	1.76	1.92
<u>Sweden</u>	<u>Q1'16</u>	<u>Q2'16</u>	<u>Q3'16</u>	<u>Q4'16</u>	<u>Q1'17</u>	<u>Q2'17</u>
Gross Domestic Product	4.2	3.6	2.8	2.2	2.3	2.3
Industrial Production	7.0	0.2	-0.2	0.6	1.8	-0.4
Consumer Prices	0.7	0.7	1.0	1.4	1.5	1.4
3 month Interest Rate, % per annum, end period	-0.45	-0.53	-0.51	-0.59	-0.60	-0.57
10 Year Bond Yield, % per annum, end period	0.46	0.30	0.16	0.54	0.67	0.87
	00147	0447	04/40	00160	00140	0440
Crease Demostic Dreduct	<u>Q3'17</u>	<u>Q4'17</u>	<u>Q1'18</u>	<u>Q2'18</u>	<u>Q3'18</u>	<u>Q4'18</u>
Gross Domestic Product	2.4	2.3	2.2	2.1	2.1	1.9
Industrial Production	2.4	2.0	2.0	3.4	2.8	1.8
Consumer Prices	1.7	1.6	1.7	1.8	1.9	2.0
3 month Interest Rate, % per annum, end period 10 Year Bond Yield, % per annum, end period	-0.55 1.04	-0.37 1.08	-0.47 1.38	-0.31 1.55	-0.16 1.71	0.06 1.59
To tear bond therd, // per annum, end period	1.04	1.00	1.30	1.32	1./1	1.33

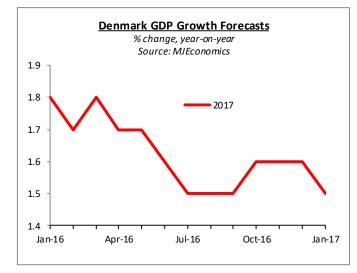
	Denmark: 2017 Forecasts										
National Accounts (constant prices)	Gross Domestic	Private Consump-	Govern- ment	Gross Fixed	Stock (inventory)	Goods & Services	Goods & Services	Net Exports,%			
average % change from previous year unless otherwise noted	Product	tion	Consump- tion	Invest- ment	Building, % contribu-	Exports	Imports	contribu- tion to			
					tion to GDP			GDP growth			
Panellists					growth						
ABN Amro	1.4	na	na	na	na	na	na	na			
Danske Bank	1.5	1.6	1.0	3.2	0.2	2.2	3.4	na			
Econ Intelligence Unit	1.3	1.3	1.4	0.7	0.0	1.1	0.9	0.1			
IHS Markit Economics	1.4	1.1	1.2	5.5	na	1.7	2.5	na			
Nordea	1.5	1.8	0.5	2.8	0.0	2.5	2.6	na			
Nykredit	1.5	na	na	na	na	na	na	na			
Oxford Economics	1.6	1.7	2.1	0.8	0.1	1.8	2.2	-0.1			
SEB	2.1	2.1	0.5	1.8	-0.1	2.3	1.1	na			
Consensus (Mean Average)	1.5	1.6	1.1	2.5	0.0	1.9	2.1	0.0			
Last Month	1.6	1.6	1.0	2.8	0.0	2.1	2.3	-0.1			
2 Months Ago	1.6	1.7	1.0	2.5	0.0	2.3	2.5	-0.1			
Median	1.5	1.7	1.1	2.3	0.0	2.0	2.4	0.0			
High	2.1	2.1	2.1	5.5	0.2	2.5	3.4	0.1			
Low	1.3	1.1	0.5	0.7	-0.1	1.1	0.9	-0.1			
Standard Deviation	0.2	0.4	0.6	1.8	0.1	0.5	1.0	0.1			
Number of Forecasts	8	6	6	6	5	6	6	2			
Other Forecasts											
Econ Council (November '16)	2.0	2.3	0.5	3.1	0.2	2.5	2.8	na			
Finance Min (December '16)	1.5	1.8	0.7	na	0.0	2.4	3.0	na			
Nationalbank (December '16)	1.4	1.7	0.5	na	0.2	2.4	2.7	na			
EC (November '16)	1.7	1.9	0.5	3.2	0.0	3.0	3.4	0.0			
IMF (October '16)	1.4	na	na	na	na	na	na	na			
OECD (November '16)	1.5	1.5	0.8	2.3	-0.1	2.7	2.9	0.1			

- A four-month decline in business confidence in the European Commission's economic sentiment indicator, reversed in December as the balance of optimists and pessimists reached its highest level all year.
- Sentiment improved in all areas of the economy in line with the general trend across Europe, notably in Germany, a major trading partner. Danish manufacturers were particularly upbeat, with production improving on the back of growing order books. Confidence among retailers also posted a strong rise.
- Retail sales dropped in November, but sales were higher on a three-month basis, and compared with year earlier levels. Industrial production chalked-up a second successive month of strong growth, and increased by 11% y/y (on a calendaradjusted basis).
- The unemployment rate was unchanged in November for a third month running, at 6.5% (harmonised), more than three percentage points below the euro zone average. Harmonised inflation meanwhile increased in December, but only to 0.3% y/y.

Denmark: 2017 Forecasts										
Unemploy- ment Rate (% of labour force)	Consumer Prices (national index, headline rate)	Average Earnings (private sector)	Current Account Balance (annual total, Dkr bn)	Current Account Balance (% of GDP)	General Government Balance (% of GDP)					
4.4 4.1 4.4 na 3.9	1.1 1.3 1.1 1.0 1.4	na 2.0 1.6 na 2.0	na 155.3 96.7 na 175.0	na 7.3 4.7 na 8.2	na -1.3 -1.8 na -1.6 na					
4.2 4.2	1.5 1.1 0.8	4.1 1.8	131.6 na	6.1 5.7	-0.4 -1.6					
<b>4.2</b> 4.1 4.1	<b>1.2</b> 1.2 1.2	<b>2.3</b> 2.3 1.9	<b>139.7</b> 133.7 124.5	<b>6.4</b> 6.3 6.1	<b>-1.3</b> -1.4 -1.4					
4.2 4.4 3.9 0.2 6	1.1 1.5 0.8 0.2 8	2.0 4.1 1.6 1.0 5	143.5 175.0 96.7 33.7 4	6.1 8.2 4.7 1.4 5	-1.6 -0.4 -1.8 0.6 5					
na na na na na	1.5 1.2 1.1 na 1.1	na na na na	117.0 158.0 na na na	5.7 7.5 7.1 6.4 6.6	-1.6 -1.6 -1.5 -2.0 na -1.3					
	Unemploy- ment Rate (% of labour force) 4.4 4.1 4.1 4.4 na 3.9 na 4.2 4.2 4.2 4.2 4.2 4.1 4.1 4.1 4.1 4.1 4.2 4.4 3.9 0.2 6 na na na na na na na	Unemployment Rate (% of labour force) Consumer Prices (national index, headline rate)   4.4 1.1   4.1 1.3   4.4 1.1   4.1 1.3   4.4 1.1   4.1 1.3   4.4 1.1   1.3 4.4   1.1 1.3   4.4 1.1   1.3 4.4   1.1 1.3   4.4 1.1   na 1.0   3.9 1.4   na 1.5   4.2 1.1   4.2 0.8   4.2 1.2   4.1 1.2   4.1 1.2   4.1 1.2   4.2 1.1   4.4 1.5   3.9 0.8   0.2 0.2   6 8   na 1.2   na 1.1   na 1.1   na 1.1   na<	Unemploy- ment Rate (% of labour force) Consumer Prices (national index, headline rate) Average Earnings (private sector)   4.4 1.1 na   4.1 1.3 2.0   4.4 1.1 na   4.1 1.3 2.0   4.4 1.1 na   4.1 1.3 2.0   4.4 1.1 na   3.9 1.4 2.0   na 1.5 na   4.2 1.1 4.1   4.2 1.1 4.1   4.2 1.2 2.3   4.1 1.2 1.9   4.2 1.1 2.0   4.1 1.2 1.9   4.2 1.1 2.0   4.1 1.2 1.9   4.2 1.1 2.0   4.4 1.5 4.1   3.9 0.8 1.6   0.2 0.2 1.0   6 8 5   na 1.1 <t< td=""><td>Unemployment Rate (% of labour force) Consumer Prices (national index, headline rate) Average Earnings (private sector) Current Account Balance (annual total, Dkr bn)   4.4 1.1 na na   4.4 1.1 na na   4.4 1.1 na na   4.1 1.3 2.0 155.3   4.4 1.1 1.6 96.7   na 1.0 na na   3.9 1.4 2.0 175.0   na 1.5 na na   4.2 1.1 4.1 131.6   4.2 1.2 2.3 139.7   4.1 1.2 1.3 1.4   1.2 1.9 124.5   4.1 1.2 1.9 124.5   4.2 1.1 2.0 143.5   4.1 1.5 4.1 175.0   3.9 0.8 1.6 96.7   0.2 0.2 1.0 33.7   6 8</td><td>Unemploy- ment Rate (% of labour force) Consumer Prices (national index, headline rate) Average Earnings (private sector) Current Account Balance (annual total, Dkr bn) Current Account Balance (% of GDP)   4.4 1.1 na na na   1.5 na na na na   1.5 na na na 5.7   1.2 2.3 139.7 6.4   4.1 1.2 2.3 133.7 6.3   4.1 1.2 2.3 133.7 6.3   4.1 1.2 1.9 124.5 6.1   4.2 1.1 2.0 143.5 6.1   4.1 1.5 4.1 175.0 8.2   3.9 0.8 1.6 96.7 4.7   0.2</td></t<>	Unemployment Rate (% of labour force) Consumer Prices (national index, headline rate) Average Earnings (private sector) Current Account Balance (annual total, Dkr bn)   4.4 1.1 na na   4.4 1.1 na na   4.4 1.1 na na   4.1 1.3 2.0 155.3   4.4 1.1 1.6 96.7   na 1.0 na na   3.9 1.4 2.0 175.0   na 1.5 na na   4.2 1.1 4.1 131.6   4.2 1.2 2.3 139.7   4.1 1.2 1.3 1.4   1.2 1.9 124.5   4.1 1.2 1.9 124.5   4.2 1.1 2.0 143.5   4.1 1.5 4.1 175.0   3.9 0.8 1.6 96.7   0.2 0.2 1.0 33.7   6 8	Unemploy- ment Rate (% of labour force) Consumer Prices (national index, headline rate) Average Earnings (private sector) Current Account Balance (annual total, Dkr bn) Current Account Balance (% of GDP)   4.4 1.1 na na na   1.5 na na na na   1.5 na na na 5.7   1.2 2.3 139.7 6.4   4.1 1.2 2.3 133.7 6.3   4.1 1.2 2.3 133.7 6.3   4.1 1.2 1.9 124.5 6.1   4.2 1.1 2.0 143.5 6.1   4.1 1.5 4.1 175.0 8.2   3.9 0.8 1.6 96.7 4.7   0.2					

Denmark: Historical Data (% change, year-on-year)	<u>2012</u>	2013	2014	2015	2016
Gross Domestic Product	0.2	0.9	1.7	1.6	1.1
Private Consumption	0.5	0.3	0.5	1.9	1.9
Government Consumption	0.8	-0.1	1.2	0.6	1.2
Gross Fixed Investment	2.3	3.4	4.3	0.9	2.6
Inventory Building (% contribution)	-0.2	0.1	0.2	-0.4	-0.3
Goods & Services Exports	1.2	1.6	3.6	1.8	0.4
Goods & Services Imports	2.7	1.5	3.6	1.3	1.0
Net Exports (% contribution)	-0.6	0.2	0.3	0.4	-0.5
Unemployment Rate (% of labour force)	6.1	5.8	5.0	4.6	4.3
Consumer Prices	2.4	0.8	0.6	0.5	0.3
Average Earnings (private sector)	1.6	1.2	1.3	1.5	1.7
Current Account Balance (Dkr bn)	119.0	149.7	176.0	185.6	144.7
- as a % of GDP	6.3	7.8	8.9	9.2	6.8
General Govt Budget Balance (% of GDP)	-3.5	-1.1	1.5	-1.7	-1.1
Source: Eurostat, Statistics Denmark					

Denmark: 2018 Forecasts									
National Accounts	Gross	Private	Govern-	Gross	Stock	Goods &	Goods &	Net	
(constant prices)	Domestic	Consump-	ment	Fixed	(inventory)	Services	Services	Exports,%	
average % change from previous year	Product	tion	Consump-	Invest-	Building,	Exports	Imports	contribu-	
unless otherwise noted			tion	ment	% contribu-			tion to	
					tion to GDP			GDP growth	
Panellists					growth				
ABN Amro	1.8	na	na	na	na	na	na	na	
Danske Bank	1.8	2.0	0.5	3.7	0.1	2.7	3.4	na	
Econ Intelligence Unit	1.7	1.8	1.2	1.9	0.0	2.3	2.4	0.1	
IHS Markit Economics	1.6	1.4	0.9	2.2	na	2.8	2.5	na	
Nordea	1.7	2.0	0.5	3.3	0.0	2.8	3.3	na	
Nykredit	1.7	na	na	na	na	na	na	na	
Oxford Economics	1.8	2.0	2.1	2.3	0.2	1.8	2.8	-0.4	
SEB	2.4	2.2	0.9	2.8	0.0	3.2	1.9	na	
Consensus (Mean Average)	1.8	1.9	1.0	2.7	0.1	2.6	2.7	-0.2	
Last Month	na	na	na	na	na	na	na	na	
2 Months Ago	na	na	na	na	na	na	na	na	
Median	1.8	2.0	0.9	2.6	0.0	2.8	2.7	-0.2	
High	2.4	2.2	2.1	3.7	0.2	3.2	3.4	0.1	
Low	1.6	1.4	0.5	1.9	0.0	1.8	1.9	-0.4	
Standard Deviation	0.2	0.3	0.6	0.7	0.1	0.5	0.6	0.4	
Number of Forecasts	8	6	6	6	5	6	6	2	
Other Forecasts									
Econ Council (November '16)	2.2	2.4	1.0	3.9	0.3	3.2	4.0	na	
Finance Min (December '16)	1.7	2.0	0.8	na	0.0	2.7	3.4	na	
Nationalbank (December '16)		1.9	0.6	na	0.0	2.4	2.8	na	
EC (November '16)	1.8	2.0	0.6	3.6	0.0	3.5	4.1	-0.1	
IMF (October '16)	na	na	na	na	na	na	na	na	
OECD (November '16)	1.9	2.0	0.8	2.9	0.0	3.2	3.3	0.2	



#### **Denmark: Background Information**

\$342 bn (2014)

Liberal Party minority

2019 (parliamentary)

Copenhagen (GMT +1 hour)

Danish Krone (pegged to the euro)

Government: Next Election: Capital City: Currency: Nominal GDP:

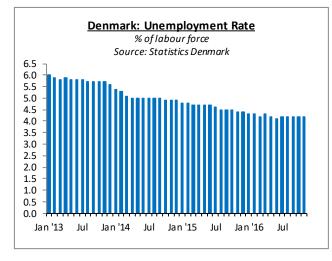
Population: Economic Freedom: Doing Business:

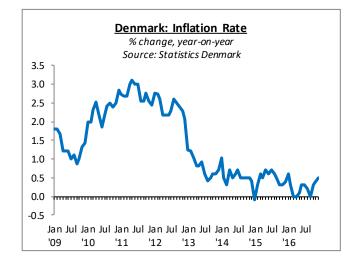
Doing Business: Competitiveness: Corruption: Government Debt: Corporate Tax Rate:

#### 5.7m (1st Jan. 2015) 12th out of 178 countries 3rd out of 189 countries 12th out of 138 countries 1st out of 167 countries 40.2% of GDP (2015) 22.0%

<u>Sources</u> : Deloitte, IFES Election Guide, Eurostat, FT, Heritage Foundation, MJE, Transparency International, World Bank and World Economic Forum.

	Denmark: 2018 Forecasts										
<b>Other Indicators</b> average % change from previous year unless otherwise noted	Unemploy- ment Rate (% of labour force)	Consumer Prices (national index, headline	Average Earnings (private sector)	Current Account Balance (annual	Current Account Balance (% of GDP)	General Government Balance (% of GDP)					
Panellists		rate)		total, Dkr bn)							
ABN Amro	4.1	1.6	na	na	na	na					
Danske Bank	3.9	1.5	2.1	158.8	7.3	-0.7					
Econ Intelligence Unit	4.1	1.6	1.9	105.1	5.0	-1.6					
IHS Markit Economics	na	1.5	na	na	na	na					
Nordea	3.6	1.8	2.3	170.0	7.7	-1.1					
Nykredit	na	na	na	na	na	na					
Oxford Economics	4.1	1.5	3.0	128.2	5.8	0.0					
SEB	4.0	1.2	1.9	na	4.6	-1.1					
Consensus (Mean Average)	4.0	1.5	2.2	140.5	6.1	-0.9					
Last Month	na	na	na	na	na	na					
2 Months Ago	na	na	na	na	na	na					
Median	4.1	1.5	2.1	143.5	5.8	-1.1					
High	4.1	1.8	3.0	170.0	7.7	0.0					
Low	3.6	1.2	1.9	105.1	4.6	-1.6					
Standard Deviation	0.2	0.2	0.5	29.5	1.4	0.6					
Number of Forecasts	6	7	5	4	5	5					
Other Forecasts											
Econ Council (November '16)	na	2.0	na	99.0	4.6	-1.1					
Finance Min (December '16)	na	1.5	na	162.0	7.5	-0.9					
Nationalbank (December '16)	na	1.8	na	na	6.9	-1.2					
EC (November '16)	na	na	na	na	6.3	-1.4					
IMF (October '16)	na	na	na	na	na	na					
OECD (November '16)	na	1.7	na	na	8.9	-1.3					





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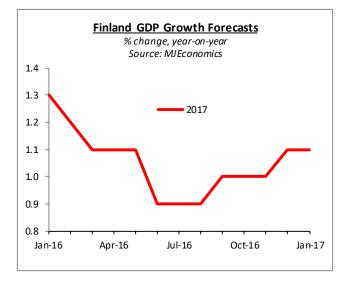
	Finland: 2017 Forecasts										
National Accounts	Gross	Private	Govern-	Gross	Stock	Goods &	Goods &	Net			
(constant prices)	Domestic	Consump-	ment	Fixed	(inventory)	Services	Services	Exports,%			
average % change from previous year	Product	tion	Consump-	Invest-	Building,	Exports	Imports	contribu-			
unless otherwise noted			tion	ment	% contribu-			tion to			
					tion to GDP			GDP growth			
					growth						
Panellists											
ABN Amro	1.0	na	na	na	na	na	na	na			
Aktia Bank	1.0	na	na	na	na	na	na	na			
Danske Bank	1.3	0.8	0.0	3.5	na	3.0	2.5	na			
Econ Intelligence Unit	1.1	1.9	0.5	2.7	-0.3	1.3	1.5	-0.1			
ETLA	1.2	0.7	0.0	3.4	-0.1	2.7	2.1	0.2			
IHS Markit Economics	1.4	1.3	0.1	3.2	na	2.1	2.9	na			
Nordea	1.0	0.9	0.3	1.9	-0.1	1.2	0.8	na			
Oxford Economics	1.2	1.2	0.7	1.4	0.3	2.1	2.6	-0.3			
SEB	1.0	1.2	0.0	1.5	0.0	1.5	1.5	na			
Consensus (Mean Average)	1.1	1.1	0.2	2.5	0.0	2.0	2.0	-0.1			
Last Month	1.1	1.0	0.3	2.4	0.0	2.1	2.2	0.0			
2 Months Ago	1.0	0.9	0.2	2.4	-0.1	2.1	2.0	0.0			
Median	1.1	1.2	0.1	2.7	-0.1	2.1	2.1	-0.1			
High	1.4	1.9	0.7	3.5	0.3	3.0	2.9	0.2			
Low	1.0	0.7	0.0	1.4	-0.3	1.2	0.8	-0.3			
Standard Deviation	0.2	0.4	0.3	0.9	0.2	0.7	0.7	0.3			
Number of Forecasts	9	7	7	7	5	7	7	3			
Other Forecasts											
Bank of Finland (Dec. '16)	1.3	1.4	0.3	na	-0.2	2.1	2.0	0.0			
Finance Ministry (Sept '16)	0.9	0.9	-0.5	2.7	na	2.4	2.4	na			
EC (November '16)	0.8	0.8	-0.5	3.0	0.1	1.8	2.3	-0.2			
IMF (October '16)	1.1	na	na	na	na	na	na	na			
OECD (November '16)	0.9	0.6	-1.2	2.4	0.4	3.8	3.0	0.3			

- Confidence in Finland's economy followed the general trend in December, improving quite sharply as production and orders began to respond more to demand in key export markets, while the ingredients remained intact for strong consumer spending.
- The economic sentiment indicator published by the European Commission sprung up to 106.0 on the back of sharply improving trends across the board - among manufacturers, in the services sector (including retailing) and by consumers who were already feeling confident due to employment growth, price stability and the availability of very cheap credit.
- However, in November, the unemployment rate edged back up to 8.8% on a seasonally-adjusted, harmonised basis, highlighting the urgency of structural reforms to address the key issues standing as obstacles to a more flexible labour market. Inflation also increased in December to 1.1% y/y, with higher commodity prices eroding disposable incomes, and this could dampen consumer demand.
- Retail sales were quite strong through to October, before weakening in November, and continued to register solid y/y growth. Industrial production meanwhile ground to a halt in November, but was still quite solid on a y/y and three-month basis.

	<u>Fir</u>	nland:	2017 F	oreca	sts		Finland: 2017 Forecasts									
Other Indicators	Industrial Production	Unemploy- ment Rate	Consumer Prices	Producer Prices	Wages & Salaries	Current Account	Current Account	General Govt								
average % change from previous year	rioduction	(% of labour	(national	(total	(private	Balance	Balance	Balance								
unless otherwise noted		force)	index,	industry)	sector)	(annual	(% of GDP)	(% of GDP)								
		,	headline		,	total,	, ,	· ,								
			rate)			Euros bn)										
Panellists																
ABN Amro	na	8.6	1.1	na	na	na	-1.0	-2.6								
Aktia Bank	na	8.6	1.1	na	na	na	-1.0	-2.6								
Danske Bank	na	8.3	1.3	na	0.6	-1.5	-0.7	-2.4								
Econ Intelligence Unit	1.8	8.5	1.0	1.0	1.5	-1.5	-0.7	-2.5								
ETLA	1.7	8.9	1.0	1.2	0.7	-3.0	-1.4	-2.5								
IHS Markit Economics	3.3	9.0	1.1	na	na	-0.1	-0.1	-2.5								
Nordea	1.8	8.6	1.1	na	0.8	-3.1	-1.4	-2.8								
Oxford Economics	0.8	8.2	1.9	3.6	2.3	0.1	0.0	-3.5								
SEB	na	8.3	1.0	na	1.7	na	-0.9	-2.5								
Consensus (Mean Average)	1.9	8.6	1.2	1.9	1.3	-1.5	-0.8	-2.7								
Last Month	2.0	8.6	1.0	2.3	1.4	-1.5	-0.6	-2.7								
2 Months Ago	1.8	8.7	1.0	2.9	1.4	-1.6	-0.3	-2.6								
Median	1.8	8.6	1.1	1.2	1.2	-1.5	-0.9	-2.5								
High	3.3	9.0	1.9	3.6	2.3	0.1	0.0	-2.4								
Low	0.8	8.2	1.0	1.0	0.6	-3.1	-1.4	-3.5								
Standard Deviation	0.9	0.3	0.3	1.4	0.7	1.4	0.5	0.3								
Number of Forecasts	5	9	9	3	6	6	9	9								
Other Forecasts																
Bank of Finland (Dec. '16)	na	8.5	0.7	na	0.3	-1.9	-0.9	-2.6								
Finance Ministry (Sept '16)	na	8.5	1.3	na	0.8	-0.7	-0.3	-2.5								
EC (November '16)	na	8.8	na	na	na	na	-0.9	-2.5								
IMF (October '16)	na	8.9	1.2	na	na	na	0.2	na								
OECD (November '16)	na	8.6	0.8	na	na	na	-0.6	-2.5								

Finland: Historical Data (% change year-on-year)	2012	2013	2014	2015	2016
Gross Domestic Product	-1.4	-0.8	-0.7	0.2	1.2
Private Consumption	0.3	-0.5	0.6	1.5	1.8
Government Consumption	0.5	1.1	-0.5	0.4	0.2
Gross Fixed Investment	-1.9	-4.9	-2.5	0.7	2.9
Inventory Building (% contribution)	-1.2	0.0	0.2	-0.1	-0.1
Goods & Services Exports	1.2	1.1	-1.7	-0.2	0.9
Goods & Services Imports	1.6	0.5	-0.2	1.9	1.6
Net Exports (% contribution)	-0.1	0.2	-0.6	-0.8	-0.4
Industrial Production	-1.5	-3.2	-1.9	-1.0	1.8
Unemployment Rate (% of labour force)	7.8	8.2	8.7	9.4	8.9
Consumer Prices	2.8	1.5	1.0	-0.2	0.4
Producer Prices	1.3	-0.4	-0.9	-1.9	-2.4
Wages and Salaries (private sector)	3.0	2.4	1.7	1.3	1.3
Current Account Balance (Euros bn)	-3.9	-3.3	-2.3	-0.9	-2.0
- as a % of GDP	-1.9	-1.6	-1.1	-0.4	-0.9
General Govt Budget Balance (% of GDP)	-2.2	-2.6	-3.2	-2.8	-2.5
Source: Eurostat, Statistics Finland					

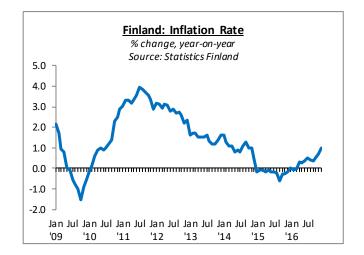
	Finland: 2018 Forecasts										
National Accounts (constant prices)	Gross	Private	Govern-	Gross	Stock	Goods &	Goods &	Net			
average % change from previous year	Domestic Product	Consump- tion	ment Consump-	Fixed Invest-	(inventory) Building,	Services Exports	Services Imports	Exports, % contribu-			
unless otherwise noted	FIGUUCI	tion	tion	ment	% contribu-	LAPOILS	imports	tion to			
uniess otherwise noted			tion	ment	tion to GDP			GDP growth			
					growth			- 0			
Panellists					_						
ABN Amro	1.3	na	na	na	na	na	na	na			
Aktia Bank	na	na	na	na	na	na	na	na			
Danske Bank	1.3	1.0	0.2	2.5	na	3.5	3.0	na			
Econ Intelligence Unit	1.2	1.5	0.3	1.5	-0.2	1.7	1.4	0.1			
ETLA	1.1	0.5	0.2	2.5	0.2	2.6	2.4	0.1			
IHS Markit Economics	1.6	1.7	0.4	2.9	na	2.3	2.4	na			
Nordea	0.8	0.8	0.3	0.6	-0.1	2.0	1.3	na			
Oxford Economics	1.5	1.3	1.4	2.0	0.0	2.1	1.8	0.0			
SEB	1.2	1.0	0.0	2.0	0.0	2.5	2.0	na			
Consensus (Mean Average)	1.3	1.1	0.4	2.0	0.0	2.4	2.0	0.1			
Last Month	na	na	na	na	na	na	na	na			
2 Months Ago	na	na	na	na	na	na	na	na			
Median	1.3	1.0	0.3	2.0	0.0	2.3	2.0	0.1			
High	1.6	1.7	1.4	2.9	0.2	3.5	3.0	0.1			
Low	0.8	0.5	0.0	0.6	-0.2	1.7	1.3	0.0			
Standard Deviation	0.2	0.4	0.5	0.8	0.1	0.6	0.6	0.1			
Number of Forecasts	8	7	7	7	5	7	7	3			
<u>Other Forecasts</u> Bank of Finland (Dec. '16)	1.2	1.0	0.3	22	0.0	2.5	2.1	0.1			
Finance Ministry (Sept '16)	1.2	0.6	0.3	na 3.2	na	2.5 3.2	3.4	na 0.1			
EC (November '16)	1.0	0.8	0.0	3.2 2.6	0.0	3.0	2.6	0.1			
IMF (October '16)	na	na	na	na	na	na	na 2.0	na			
OECD (November '16)	1.1	0.8	0.0	2.1	0.0	3.8	3.1	0.2			



Government: Next Election:	Centre Party led coalition By April 2019 (parliamentary)
Capital City:	Helsinki (GMT +2 hours)
Currency:	Euro (free float)
Nominal GDP:	\$271 bn (2014)
Population:	5.5m (1st Jan. 2015)
Economic Freedom:	24th out of 178 countries
Doing Business:	10th out of 189 countries
Competitiveness:	10th out of 138 countries
Corruption:	2nd out of 167 countries
Government Debt:	63.1% of GDP (2015)
Corporate Tax Rate:	20.0%

	Finland: 2018 Forecasts							
Other Indicators	Industrial Production	Unemploy- ment Rate	Consumer Prices	Producer Prices	Wages & Salaries	Current Account	Current Account	General Govt
average % change from previous year		(% of labour	(national	(total	(private	Balance	Balance	Balance
unless otherwise noted		force)	index,	industry)	sector)	(annual	(% of GDP)	(% of GDP)
			headline			total,		
			rate)			Euros bn)		
Panellists								
ABN Amro	na	8.4	1.3	na	na	na	-0.5	-2.3
Aktia Bank	na	na	na	na	na	na	na	na
Danske Bank	na	8.0	1.5	na	0.8	-1.5	-0.7	-2.2
Econ Intelligence Unit	1.8	8.1	1.6	2.2	1.6	-1.7	-0.8	-1.4
ETLA	2.1	8.7	1.5	1.2	1.2	-2.6	-1.1	-2.3
IHS Markit Economics	3.2 1.6	8.8	1.3	na	na 0.7	-0.7 -2.9	-0.3	-2.9 -2.5
Nordea Oxford Economics	1.6	8.4 7.8	1.1 1.6	na 3.7	0.7 2.1	-2.9	-1.3 0.1	-2.5 -2.5
SEB	na	7.8 8.0	1.0	na	1.7	na	-1.0	-2.3
SLD	11a	0.0	1.0	IIa	1.7	IId	-1.0	-2.2
Consensus (Mean Average)	2.1	8.3	1.4	2.4	1.4	-1.5	-0.7	-2.3
Last Month	na	na	na	na	na	na	na	na
2 Months Ago	na	na	na	na	na	na	na	na
Median	1.8	8.3	1.4	2.2	1.4	-1.6	-0.8	-2.3
High	3.2	8.8	1.6	3.7	2.1	0.2	0.1	-1.4
Low	1.6	7.8	1.0	1.2	0.7	-2.9	-1.3	-2.9
Standard Deviation	0.7	0.4	0.2	1.3	0.5	1.2	0.5	0.4
Number of Forecasts	5	8	8	3	6	6	8	8
Other Forecasts								
Bank of Finland (Dec. '16)	na	8.3	0.8	na	0.8	-2.3	-1.0	-2.4
Finance Ministry (Sept '16)	na	8.1	1.3	na	1.2	-1.0	-0.4	-2.0
EC (November '16)	na	8.7	na	na	na	na	-0.7	-2.0
IMF (October '16)	na	na	na	na	na	na	na	na
OECD (November '16)	na	8.5	0.8	na	na	na	-0.6	-2.2





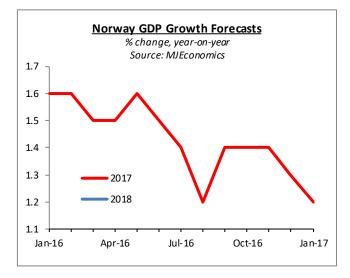
	Norway: 2017 Forecasts								
National Accounts (constant prices) average % change from previous year unless otherwise noted	Dom	oss estic duct	Private Consump- tion	Govern- ment Consump- tion	Gross Fixed Invest- ment	Stock (inventory) Building, % contribu- tion to GDP growth	Goods & Services Exports	Goods & Services Imports	Net Exports, % contribu- tion to GDP growth
Panellists	Total	Mainland				-			
ABN Amro Danske Bank DNB Markets DZ Bank Econ Intelligence Unit Nordea Nykredit Oxford Economics SEB Statistics Norway Swedbank First Securities UniCredit Bank	1.6 1.5 0.7 1.1 0.7 1.4 1.5 1.1 1.4 1.4 0.9 1.4	na 1.8 1.3 na 1.7 na 2.0 1.7 1.7 1.5 1.7	na 2.0 1.9 1.3 1.1 1.8 na 1.5 2.0 1.9 1.9 1.7	na 2.0 2.0 2.5 2.4 na 2.3 1.9 1.7 2.1 2.0	na 1.0 na 0.7 2.5 1.1 na 1.6 1.2 1.5 0.5 1.5	na 0.0 na 0.1 na 0.0 na 0.0 na 0.0 0.0	na 1.3 na 0.8 1.4 0.9 na 3.3 0.8 1.2 0.0 1.4	na 1.9 na 1.5 1.5 0.6 na 0.2 1.5 1.8 1.6 2.0	na na -0.1 na na 1.2 na na -0.5 -0.1
<b>Consensus (Mean Average)</b> Last Month 2 Months Ago	<b>1.2</b> 1.3 1.4	<b>1.7</b> 1.6 1.8	<b>1.7</b> 1.7 1.8	<b>2.1</b> 2.3 2.4	<b>1.3</b> 0.8 0.8	<b>0.0</b> -0.3 -0.4	<b>1.2</b> 1.3 1.6	<b>1.4</b> 1.4 1.7	<b>0.1</b> 0.2 0.4
Median High Low Standard Deviation Number of Forecasts	1.4 1.6 0.7 0.3 12	1.7 2.0 1.3 0.2 8	1.9 2.0 1.1 0.3 10	2.0 2.5 1.7 0.2 10	1.2 2.5 0.5 0.6 9	0.0 0.1 0.0 0.0 6	1.2 3.3 0.0 0.9 9	1.5 2.0 0.2 0.6 9	-0.1 1.2 -0.5 0.7 4
Other Forecasts Finance Ministry (Oct. '16) Norges Bank (Dec. '16) EC (November '16) IMF (October '16) OECD (November '16)	0.6 0.5 1.6 1.2 0.5	1.7 1.5 na na 1.7	2.3 2.0 1.8 na 1.8	1.7 na 2.1 na 1.7	1.6 na 1.3 na 1.7	na na -0.1 na -0.3	-0.4 na 2.4 na -0.8	3.0 3.0 2.5 na 1.5	na na 0.0 na -0.8

- Although the offshore oil and gas industry is intending to make further investment cuts in 2017-18, there is a sense of normality returning to the sector with petroleum firms now operating at lower break-even levels, and no doubt encouraged by the recent mini-revival in oil prices from their sub-\$30/barrel lows a year-ago.
- The economy is still unbalanced, however, with industries and regions affiliated to the extractive industries struggling in comparison with the Oslocentric services sector, where a booming housing market is once again raising the issue of rising credit risk, as personal debts and home values scale-up.
- The oil crisis generated Norway's smallest trade surplus in 17 years, which declined by 36% in 2016, although both the current account and the general government budget are sufficiently large enough to withstand the hit from plunging oil without incurring deficits.
- Norges Bank will be relieved by the fact core inflation has fallen into line with its 2.5% target rate, as it predicted it would. The central bank has a dual remit to safeguard inflation stability and economic growth, and opted for upholding the latter at the risk of allowing inflation to briefly exceed the target rate due to currency depreciation.

	No	orway:	2017	Foreca	<u>sts</u>			
Other Indicators	Industrial Production	Unemploy- ment Rate	Consumer Prices	Consumer Prices	Manufac- turing	Current Account	Current Account	General Govt
average % change from previous year		(% of labour	(national	(CPI-ATE	Earnings	Balance	Balance	Balance
unless otherwise noted		force)	index,	index,		(annual	(% of GDP)	(% of GDP)
			headline	underlying		total,		
			rate)	rate)		Nkr bn)		
Panellists								
ABN Amro	na	4.8	2.5	na	na	na	na	na
Danske Bank	na	na	2.2	2.3	2.8	na	na	na
DNB Markets	na	4.9	2.7	2.2	2.8	na	na	na
DZ Bank	-0.6	4.9	2.2	na	2.7	155.6	4.9	3.8
Econ Intelligence Unit	0.8	4.9	2.7	na	na	255.0	8.0	4.1
Nordea	na	4.8	2.2	2.1	2.7	269.2	8.0	3.6
Nykredit	na	na	2.6	na	na	na	na	na
Oxford Economics	0.1	4.5	2.5	na	4.5	297.8	8.9	4.9
SEB	na	4.7	2.9	2.5	na	na	na	na
Statistics Norway Swedbank First Securities	na -2.7	4.5	2.3 2.0	2.0	na 2.5	200.0	6.2	na 3.0
UniCredit Bank	-2.7 na	4.5 4.8	2.0	1.8 2.3	2.5 na	224.1 na	6.8 na	3.0 6.4
Unicrean Bank	lid	4.0	2.0	2.5	lld	lid	nd l	0.4
Consensus (Mean Average)	-0.6	4.7	2.5	2.2	3.0	233.6	7.1	4.3
Last Month	0.2	4.8	2.4	2.1	3.1	228.2	6.9	4.4
2 Months Ago	-0.2	4.8	2.4	2.4	3.3	227.2	6.9	4.9
Median	-0.3	4.8	2.5	2.2	2.8	239.6	7.4	4.0
High	0.8	4.9	2.9	2.5	4.5	297.8	8.9	6.4
Low	-2.7	4.5	2.0	1.8	2.5	155.6	4.9	3.0
Standard Deviation	1.5	0.2	0.3	0.2	0.7	51.3	1.5	1.2
Number of Forecasts	4	10	12	7	6	6	6	6
Other Forecasts								
Finance Ministry (Oct. '16)	na	4.6	2.0	2.1	na	na	na	3.0
Norges Bank (Dec. '16)	na	4.8	2.3	2.4	na	na	na	na
EC (November '16)	na	4.3	na	na	na	na	3.6	3.4
IMF (October '16)	na	4.5	2.3	na	na	na	7.6	na
OECD (November '16)	na	4.6	2.4	na	na	na	4.6	2.9

Norway: Historical Data (% change year-on-year)	2012	2013	2014	2015	2016
GDP, total	2.7	1.0	1.9	1.6	0.7
GDP, mainland	3.8	2.3	2.2	1.1	0.8
Private Consumption	3.5	2.7	1.9	2.1	1.5
Government Consumption	1.6	1.0	2.7	2.1	2.2
Gross Fixed Investment	7.6	6.3	-0.7	-3.8	0.2
Inventory Building (% contribution)	-0.3	0.4	0.2	0.2	0.3
Goods & Services Exports	1.4	-1.7	3.1	3.7	-1.5
Goods & Services Imports	3.1	4.9	2.4	1.6	0.8
Net Exports (% contribution)	-0.3	-2.1	0.5	1.0	-0.9
Industrial Production	2.7	-5.0	3.5	0.8	-1.9
Unemployment Rate (% of labour force)	3.2	3.5	3.5	4.4	4.8
Consumer Prices, headline rate	0.8	2.1	2.0	2.1	3.6
Consumer Prices, underlying rate (CPI-ATE)	1.2	1.6	2.4	2.7	3.1
Manufacturing Earnings	4.4	3.6	2.6	2.6	2.4
Current Account Balance (Nkr bn)	368.6	314.2	346.0	270.0	151.8
- as a % of GDP	12.4	10.2	11.0	8.7	4.9
General Govt Budget Balance (% of GDP)	13.8	10.8	8.8	6.4	4.1
Source: Eurostat, Statistics Norway					

Norway: 2018 Forecasts									
National Accounts (constant prices) average % change from previous year unless otherwise noted	Dom	oss estic duct	Private Consump- tion	Govern- ment Consump- tion	Gross Fixed Invest- ment	Stock (inventory) Building, % contribu- tion to GDP	Goods & Services Exports	Goods & Services Imports	Net Exports, % contribu- tion to GDP
Panellists	Total	Mainland				growth			growth
ABN Amro Danske Bank DNB Markets DZ Bank Econ Intelligence Unit IHS Markit Economics Nordea Oxford Economics SEB Statistics Norway Swedbank First Securities UniCredit Bank	2.2 1.5 na 1.6 1.3 1.7 1.5 1.7 1.8 1.7 1.7 1.8	na 2.2 na na 1.9 na 2.4 2.1 2.2 2.0 2.0	na 2.2 na 1.7 1.5 2.0 na 1.9 2.5 2.0 2.3 1.9	na 2.3 na 1.9 2.7 2.2 na 1.9 1.7 1.9 1.9 1.8	na 2.5 na 2.6 2.5 1.3 na 3.6 3.0 3.3 0.5 2.5	na 0.0 na -0.1 na 0.0 na 0.0 na 0.2 0.2	na 1.3 na 1.2 1.1 1.6 na 1.5 1.4 1.6 1.7 1.5	na 2.3 na 1.7 2.6 1.9 na 1.4 3.1 2.8 2.4 2.5	na na 0.0 na na 0.2 na na -0.1 -0.2
<b>Consensus (Mean Average)</b> Last Month 2 Months Ago	<b>1.7</b> na na	<b>2.1</b> na na	<b>2.0</b> na na	<b>2.0</b> na na	<b>2.4</b> na na	<b>0.1</b> na na	<b>1.4</b> na na	<b>2.3</b> na na	<b>0.0</b> na na
Median High Low Standard Deviation Number of Forecasts	1.7 2.2 1.3 0.2 11	2.1 2.4 1.9 0.2 7	2.0 2.5 1.5 0.3 9	1.9 2.7 1.7 0.3 9	2.5 3.6 0.5 1.0 9	0.0 0.2 -0.1 0.1 6	1.5 1.7 1.1 0.2 9	2.4 3.1 1.4 0.5 9	-0.1 0.2 -0.2 0.2 4
<u>Other Forecasts</u> Finance Ministry (Oct. '16) Norges Bank (Dec. '16) EC (November '16) IMF (October '16) OECD (November '16)	1.3 1.3 1.7 na 1.4	2.4 2.2 na na 2.3	2.6 2.3 2.1 na 2.4	na na 2.0 na 1.6	1.8 na 1.8 na 2.1	na na 0.0 na 0.0	0.9 na 2.1 na 1.1	3.4 2.0 2.9 na 2.8	na na -0.2 na -0.6



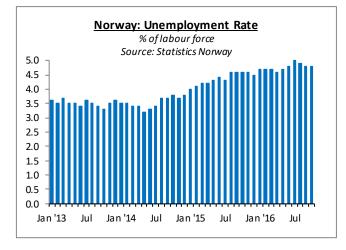
#### Norway: Background Information

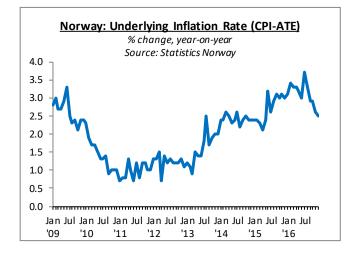
Government:Conservative-Progress Party coalitionNext Election:2017 (parliamentary)Capital City:Oslo (GMT +1 hour)Currency:Norwegian Krone (free float)Nominal GDP:\$500 bn (2014)Population:5.2m (1st Jan. 2015)

Economic Freedom: Doing Business: Competitiveness: Corruption: Government Debt: Corporate Tax Rate: 32nd out of 178 countries 9th out of 189 countries 11th out of 138 countries 5th out of 167 countries 31.6% of GDP (2015) 25.0%

Sources: Deloitte, IFES Election Guide, Eurostat, FT, Heritage Foundation, MJE, Transparency International, World Bank and World Economic Forum.

	Norway: 2018 Forecasts							
Other Indicators	Industrial Production	Unemploy- ment Rate	Consumer Prices	Consumer Prices	Manufac- turing	Current Account	Current Account	General Govt
average % change from previous year		(% of labour	(national	(CPI-ATE	Earnings	Balance	Balance	Balance
unless otherwise noted		force)	index,	index,	Ū	(annual	(% of GDP)	(% of GDP)
			headline	underlying		total,		
			rate)	rate)		Nkr bn)		
Panellists								
ABN Amro	na	4.8	2.2	na	na	na	na	na
Danske Bank	na	na	2.1	2.0	3.0	na	na	na
DNB Markets	na	na	na	na	na	na	na	na
DZ Bank	2.3	4.8	1.8	na	2.8	169.3	5.1	3.9
Econ Intelligence Unit	1.4	5.0	2.2	na	na	287.0	8.6	5.2
IHS Markit Economics	na	4.6	1.3	1.5	2.5	292.2	8.4	4.0
Nordea	na	na	na	na	na	na	na	na
Oxford Economics	0.8	4.2	1.9	na	3.5	297.8	8.5	4.2
SEB	na	4.6	2.0	2.0	na	na	na	na
Statistics Norway	na	4.4	2.1	2.0	na	210.0	6.2	na
Swedbank First Securities	2.1	4.2	2.5	1.5	2.5	223.0	6.5	3.6
UniCredit Bank	na	4.8	2.5	2.6	na	na	na	6.0
Consensus (Mean Average)	1.7	4.6	2.1	1.9	2.9	246.6	7.2	4.5
Last Month	na	na	na	na	na	na	na	na
2 Months Ago	na	na	na	na	na	na	na	na
Median	1.8	4.6	2.1	2.0	2.8	255.0	7.5	4.1
High	2.3	5.0	2.5	2.6	3.5	297.8	8.6	6.0
Low	0.8	4.2	1.3	1.5	2.5	169.3	5.1	3.6
Standard Deviation	0.7	0.3	0.4	0.4	0.4	53.3	1.5	0.9
Number of Forecasts	4	9	10	6	5	6	6	6
Other Forecasts								
Finance Ministry (Oct. '16)	na	4.3	1.9	2.0	na	na	na	na
Norges Bank (Dec. '16)	na	4.6	1.8	1.8	na	na	na	na
EC (November '16)	na	4.0	na	na	na	na	3.2	3.7
IMF (October '16)	na	na	na	na	na	na	na	na
OECD (November '16)	na	4.2	1.9	na	na	na	4.7	2.8





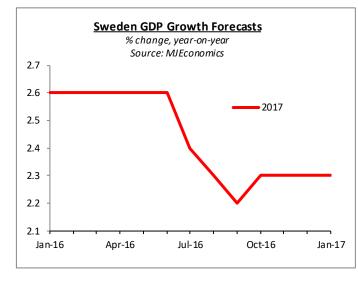
	Sweden: 2017 Forecasts							
National Accounts (constant prices) average % change from previous year unless otherwise noted Panellists	Gross Domestic Product	Private Consump- tion	Govern- ment Consump- tion	Gross Fixed Invest- ment	Stock (inventory) Building, % contribu- tion to GDP growth	Goods & Services Exports	Goods & Services Imports	Net Exports, % contribu- tion to GDP growth
ABN Amro Confed of Swe Enterprise Danske Bank Econ Intelligence Unit IHS Markit Economics Morgan Stanley National Institute - KI Nordea Nykredit Oxford Economics SEB UniCredit Bank	2.6 2.5 2.0 2.1 1.9 2.1 2.5 2.1 2.5 2.1 3.1 2.5	na 2.0 1.5 2.3 1.5 1.9 2.4 1.8 na 2.2 2.7 2.0	na 1.9 2.0 2.2 1.8 1.9 1.6 na 1.9 2.5 2.3	na 2.6 1.9 4.8 1.7 3.2 3.2 3.6 na 3.3 6.0 3.4	na 0.1 -0.5 na 0.1 -0.3 -0.3 na 0.0 0.0 na	na 3.1 3.5 3.1 1.6 3.0 4.1 3.6 na 3.0 4.6 na	na 2.9 3.4 3.8 1.8 3.5 3.3 3.2 na 3.7 6.4 na	na 0.3 0.2 -0.2 na -0.1 0.5 na na -0.1 na na
<b>Consensus (Mean Average)</b> Last Month 2 Months Ago	<b>2.3</b> 2.3 2.3	<b>2.0</b> 2.0 2.1	<b>2.0</b> 2.1 2.3	<b>3.4</b> 3.6 3.7	- <b>0.1</b> -0.2 -0.1	<b>3.3</b> 3.1 3.2	<b>3.6</b> 3.6 3.7	<b>0.1</b> -0.2 -0.1
Median High Low Standard Deviation Number of Forecasts	2.3 3.1 1.9 0.3 12	2.0 2.7 1.5 0.4 10	2.0 2.5 1.6 0.3 10	3.3 6.0 1.7 1.3 10	-0.1 0.1 -0.5 0.2 8	3.1 4.6 1.6 0.8 9	3.4 6.4 1.8 1.2 9	0.1 0.5 -0.2 0.3 6
Other Forecasts Finance Ministry (Dec. '16) Riksbank (December '16) EC (November '16) IMF (October '16) OECD (November '16)	2.6 2.6 2.4 2.6 2.7	2.8 2.4 2.6 na 2.6	2.0 2.0 2.2 na 2.4	2.8 3.5 3.5 na 3.7	-0.3 0.0 -0.2 na 0.0	na 2.9 3.4 na 3.4	na 3.5 3.8 na 3.5	0.2 -0.1 0.0 na 0.1

- There is less expectation of a sharp slowdown in Sweden's economy developing, which continues to benefit from monetary policy stimulus and population growth.
- In December, the economic sentiment indicator for Sweden, published by the European Commission, soared to 113.1, cementing a fourmonth improvement. Confidence in the buoyant services sector further improved, but more notable was the startling rise in manufacturing sentiment on the back of higher production and new orders, which had been flagged by the economic tendency survey published by the National Institute for Economic Research.
- The confidence to spend was undeterred during Q4 2016, with retail sales volume rising by 1.2% per month in October and November, pushing the index higher on a y/y basis. Industrial production also rose in November, but was below its year earlier level.
- The unemployment rate flattened out at 6.8% in November on a harmonised, seasonally-adjusted basis, with 17% youth unemployment. The inflation rate is meanwhile moving more rapidly in line with the Riksbank's target following a long period of very low inflation and mild deflation, lately rising to 1.7% y/y in December, and to just below the 2% target on the main core measure.

	Sweden: 2017 Forecasts								
Other Indicators	Industrial	Unemploy-	Consumer	Consumer	Producer	Hourly	Current	Current	General
	Prodn	ment Rate	Prices	Prices	Prices	Earnings	Account	Account	Govt
average % change from previous year	(mining &	(% of	(national	(CPIF	(total	(total	Balance	Balance	Balance
unless otherwise noted	manufac.)	labour	index,	index,	industry)	industry)	(annual	(% of GDP)	(% of GDP)
	,	force)	headline	underlying			total,		· ,
		,	rate)	rate)			Skr bn)		
Panellists				,			,		
ABN Amro	na	6.7	2.0	na	na	na	na	na	na
Confed of Swe Enterprise	na	6.8	1.5	1.7	na	na	na	na	na
Danske Bank	na	7.2	1.3	na	na	2.8	201.6	4.5	na
Econ Intelligence Unit	2.1	6.8	1.4	na	2.7	2.9	201.8	4.4	-0.2
IHS Markit Economics	1.8	6.8	1.7	na	3.9	na	216.0	4.8	-0.5
Morgan Stanley	na	6.6	1.2	1.2	na	na	208.6	4.7	-0.1
National Institute - KI	1.8	6.5	1.3	1.6	na	2.9	224.9	4.9	0.2
Nordea	na	6.6	1.5	1.7	na	3.1	261.4	5.7	0.0
Nykredit	na	na	na	1.8	na	na	na	na	na
Oxford Economics	1.2	6.7	1.6	na	2.3	na	209.3	4.6	0.2
SEB	na	6.3	1.2	1.4	na	2.9	na	4.7	0.2
UniCredit Bank	na	6.8	1.7	1.7	na	na	na	5.3	-0.3
Consensus (Mean Average)	1.7	6.7	1.5	1.6	3.0	2.9	217.7	4.8	-0.1
Last Month	1.8	6.7	1.5	1.5	2.8	3.0	219.8	4.8	-0.2
2 Months Ago	1.6	6.7	1.4	1.5	2.1	3.0	219.4	4.8	-0.4
Median	1.8	6.7	1.5	1.7	2.7	2.9	209.3	4.7	-0.1
High	2.1	7.2	2.0	1.7	3.9	3.1	261.4	5.7	0.1
Low	1.2	6.3	1.2	1.0	2.3	2.8	201.4	4.4	-0.5
Standard Deviation	0.4	0.2	0.2	0.2	0.8	0.1	201.0	0.4	0.3
Number of Forecasts	4	11	11	7	3	5	7	9	8
indiffice of Forecasts				,	5	5	,		Ũ
Other Forecasts									
Finance Ministry (Dec. '16)	na	6.5	1.5	na	na	na	na	na	-0.4
Riksbank (December '16)	na	6.7	1.4	1.6	na	3.1	na	3.9	0.1
EC (November '16)	na	6.4	na	na	na	na	na	4.9	-0.1
IMF (October '16)	na	6.7	1.4	na	na	na	na	5.3	na
OECD (November '16)	na	6.7	1.5	na	na	na	na	4.8	-0.1

Sweden: Historical Data (% change year-on-year)	<u>2012</u>	<u>2013</u>	2014	<u>2015</u>	<u>2016</u>
Gross Domestic Product	-0.3	1.2	2.3	3.8	3.2
Private Consumption	0.8	1.9	2.2	2.6	2.2
Government Consumption	1.1	1.3	1.6	2.5	3.3
Gross Fixed Investment	-0.2	0.6	7.6	7.3	6.6
Inventory Building (% contribution)	-1.1	0.2	0.1	-0.1	0.3
Goods & Services Exports	1.0	-0.8	3.5	5.9	3.0
Goods & Services Imports	0.5	-0.1	6.3	5.4	4.4
Net Exports (% contribution)	0.2	-0.3	-0.9	0.4	-0.4
Industrial Production	-3.2	-2.5	-3.8	2.7	1.2
Unemployment Rate (% of labour force)	7.9	8.0	7.9	7.4	6.9
Consumer Prices (headline rate)	0.9	0.0	-0.2	0.0	1.0
Consumer Prices (underlying rate, CPIF)	1.0	0.9	0.5	0.9	1.3
Producer Prices	-0.9	-2.8	1.8	0.7	-1.7
Labour Costs (mining and manufacturing)	3.2	2.6	3.0	2.5	2.6
Current Account Balance (Skr bn)	206.0	198.3	182.4	196.1	202.5
- as a % of GDP	5.6	5.3	4.6	4.7	4.8
General Govt Budget Balance (% of GDP)	-1.0	-1.4	-1.6	0.2	0.1
Source: Eurostat, Statistics Sweden					

	Sweden: 2018 Forecasts							
National Accounts (constant prices) average % change from previous year unless otherwise noted	Gross Domestic Product	Private Consump- tion	Govern- ment Consump- tion	Gross Fixed Invest- ment	Stock (inventory) Building, % contribu- tion to GDP growth	Goods & Services Exports	Goods & Services Imports	Net Exports, % contribu- tion to GDP growth
Panellists								
ABN Amro Confed of Swe Enterprise Danske Bank Econ Intelligence Unit IHS Markit Economics Morgan Stanley National Institute - KI Nordea Nykredit Oxford Economics SEB UniCredit Bank	2.5 na 2.0 2.3 2.2 1.8 2.1 1.9 2.5 1.8 2.4 2.4 2.6	na 2.0 2.7 1.8 1.8 2.5 1.7 na 1.9 2.5 2.1	na na 1.3 1.6 1.3 1.0 1.2 na 1.2 0.0 2.3	na 2.1 3.7 2.6 3.4 2.9 2.0 na 2.3 4.2 3.0	na na 0.1 0.0 na -0.1 0.0 na -0.1 0.0 na	na 4.1 2.4 2.0 3.9 3.7 4.0 na 3.1 3.0 na	na 4.4 2.9 2.0 4.6 3.8 3.6 na 3.1 3.0 na	na 0.1 -0.1 na -0.1 na na 0.1 na na
<b>Consensus (Mean Average)</b> Last Month 2 Months Ago	<b>2.2</b> na na	<b>2.1</b> na na	<b>1.2</b> na na	<b>2.9</b> na na	<b>0.0</b> na na	<b>3.3</b> na na	<b>3.4</b> na na	<b>0.0</b> na na
Median High Low Standard Deviation Number of Forecasts	2.2 2.6 1.8 0.3 11	2.0 2.7 1.7 0.4 9	1.3 2.3 0.0 0.6 9	2.9 4.2 2.0 0.7 9	0.0 0.1 -0.1 0.1 7	3.4 4.1 2.0 0.8 8	3.4 4.6 2.0 0.9 8	0.1 0.1 -0.1 0.1 5
<u>Other Forecasts</u> Finance Ministry (Dec. '16) Riksbank (December '16) EC (November '16) IMF (October '16) OECD (November '16)	1.9 2.4 2.1 na 2.2	2.7 2.7 2.4 na 2.5	-0.5 1.4 0.3 na 1.2	2.9 2.8 2.9 na 3.1	-0.1 0.0 0.0 na 0.0	na 3.6 3.8 na 3.2	na 4.0 3.5 na 3.5	0.1 0.0 0.3 na 0.0

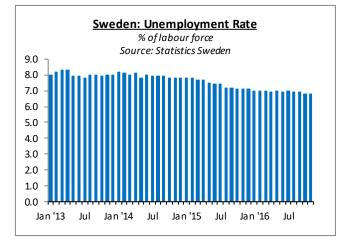


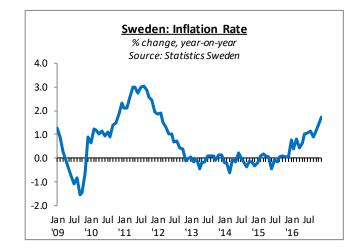
#### Sweden: Background Information

oncacin	Baengi barra information
Government:	Social Democratic-Green coalition
Next Election:	By September 2018 (parliamentary)
Capital City:	Stockholm (GMT + 1 hour)
Currency:	Swedish Krona (free float)
Nominal GDP:	\$571 bn (2014)
Population:	9.8m (1st Jan. 2015)
Economic Freedom:	26th out of 178 countries
Doing Business:	8th out of 189 countries
Competitiveness:	6th out of 138 countries
Corruption:	3rd out of 167 countries
Government Debt:	43.4% of GDP (2015)
Corporate Tax Rate:	22.0%

Sources: Deloitte, IFES Election Guide, Eurostat, FT, Heritage Foundation, MJE, Transparency International, World Bank and World Economic Forum.

Sweden: 2018 Forecasts									
Other Indicators	Industrial	Unemploy-	Consumer	Consumer	Producer	Hourly	Current	Current	General
	Prodn	ment Rate	Prices	Prices	Prices	Earnings	Account	Account	Govt
average % change from previous year	(mining &	(% of	(national	(CPIF	(total	(total	Balance	Balance	Balance
unless otherwise noted	manufac.)	labour	index,	index,	industry)	industry)	(annual	(% of GDP)	(% of GDP)
		force)	headline	underlying			total,		
			rate)	rate)			Skr bn)		
Panellists									
ABN Amro	na	6.2	2.3	na	na	na	na	na	na
Confed of Swe Enterprise	na	na	na	na	na	na	na	na	na
Danske Bank	na	7.1	1.4	na	na	3.0	209.2	4.5	na
Econ Intelligence Unit	2.9	6.6	1.6	na	1.8	2.4	199.1	4.2	0.0
IHS Markit Economics	1.6	6.7	1.9	na	1.7	na	185.0	3.9	-0.2
Morgan Stanley	na	6.4	2.2	1.7	na	na	218.4	4.8	0.1
National Institute - KI	2.7	6.3	1.7	1.7	na	3.1	227.9	4.8	0.4
Nordea Nykredit	na	6.6 na	1.8 na	1.5	na	3.3 na	263.9	5.6	0.2 na
Oxford Economics	na 1.3	6.7	2.1	na na	na 1.7	na	na 223.5	na 4.7	0.2
SEB	na	6.2	1.9	1.7	na	3.1	223.5 na	4.7	0.2
UniCredit Bank	na	6.7	1.8	1.7	na	na	na	5.5	0.8
Consensus (Mean Average)	2.1	6.6	1.9	1.7	1.7	3.0	218.1	4.7	0.2
Last Month	na	na	na	na	na	na	na	na	na
2 Months Ago	na	na	na	na	na	na	na	na	na
Median	2.2	6.6	1.9	1.7	1.7	3.1	218.4	4.7	0.2
High	2.9	7.1	2.3	1.7	1.8	3.3	263.9	5.6	0.8
Low	1.3	6.2	1.4	1.5	1.7	2.4	185.0	3.9	-0.2
Standard Deviation	0.8	0.3	0.3	0.1	0.1	0.3	25.0	0.6	0.3
Number of Forecasts	4	10	10	5	3	5	7	9	8
Other Foresets									
Other Forecasts Finance Ministry (Dec. '16)	<b>n</b> 2	6.4	1.8	<b>n</b> 2	na	<b>n</b> 2	<b>n</b> 2		0.2
Riksbank (December '16)	na na	6.7	2.2	na 1.9	na	na 3.4	na na	na 3.7	0.2
EC (November '16)	na	6.4	na	na	na	na	na	4.9	0.3
IMF (October '16)	na	na	na	na	na	na	na	na	na
OECD (November '16)	na	6.7	2.0	na	na	na	na	4.9	0.1





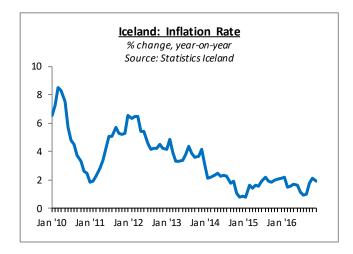
Iceland Forecasts % change, year-on-year, unless otherwise stated				
GDP Growth	<u>2016</u>	<u>2017</u>	<u>2018</u> 2.9	
CBol EC	5.0 4.0	4.5 3.5	2.9	
IMF	4.0	3.8	na	
OECD	4.7	4.1	2.5	
SI	4.8	4.4	3.0	
Private Consumption	<u>2016</u>	<u>2017</u>	<u>2018</u>	
CBol EC	7.6 7.3	6.6 5.0	4.2 4.0	
IMF	7.3 na	5.0 na	4.0 na	
OECD	7.2	4.2	3.0	
SI	7.1	5.7	3.7	
Fixed Investment	<u>2016</u>	<u>2017</u>	<u>2018</u>	
CBol	22.5	5.4	1.3	
EC	20.0	8.0	5.0	
IMF	na	na	na	
OECD	18.1	7.7	0.8	
SI	21.7	7.4	1.4	
Export Volume	<u>2016</u>	<u>2017</u>	<u>2018</u>	
CBol	7.8	3.5	3.1	
EC	6.6	4.5	4.5	
IMF	na	na	na	
OECD	6.2	3.9	3.6	
SI	7.5	4.9	3.6	
Import Volume	<u>2016</u>	<u>2017</u>	<u>2018</u>	
CBol	15.7	4.8	3.0	
EC	15.6	7.2	6.8	
IMF	na	na	na	
OECD SI	13.8 15.4	4.4 6.3	2.6 3.0	
	-			
Consumer Price Inflation	<u>2016</u>	<u>2017</u>	<u>2018</u>	
CBol EC	1.7 na	2.3 na	2.6	
IMF	1.7	3.1	na na	
OECD	1.7	2.9	3.8	
SI	1.8	2.4	3.4	
Current Acc. (% of GDP)	<u>2016</u>	<u>2017</u>	<u>2018</u>	
CBol	4.6	2.9	2.4	
EC	2.4	1.2	0.2	
IMF	2.9 3.5	1.9 2.3	na 2.9	
OECD SI	3.9 3.9	2.5 3.1	3.3	
Budget Balance (% of GDP)	<u>2016</u>	<u>2017</u>	<u>2018</u>	
CBol EC	14.9 1.2	-0.3 0.5	-0.6 0.0	
IMF	na	0.5 na	na	
OECD	16.6	0.5	0.5	
SI	na	na	na	
<u>Sources:</u> Central Bank of Iceland, November 2016 European Commission, November 2016 IMF, World Economic Outlook, October 2016 OECD, Economic Outlook, November 2016 Statistics Iceland, November 2016				

#### Iceland Snapshot

• Following several months of fraught negotiations, Iceland has a new centre-right, threeparty coalition government led by the Independence Party, with Bjarni Benediktsson as Prime Minister. The coalition includes Regeneration and Bright Future, and has only a slim majority of 32 seats in the 63-member Althingi (Parliament) making it vulnerable to collapse if the consensus breaks down.

• The government has agreed to stage a referendum on membership of the European Union, although it does not appear there is a majority in favour of membership.

• The government will continue with the plan to remove all existing capital controls, it will instigate a review of monetary policy, and agrees to privatise the banks in time.



Iceland: Background Information			
Government:	Progressive Party led coalition		
Next Election:	By April 2017 (parliamentary)		
Capital City:	Reykjavic (GMT time)		
Currency:	Icelandic Krona (capital controls)		
Nominal GDP:	\$17 bn (2014)		
Population:	0.3m (1st Jan. 2015)		
Economic Freedom:	20th out of 178 countries		
Doing Business:	19th out of 189 countries		
Competitiveness:	27th out of 138 countries		
Corruption:	13th out of 167 countries		
Government Debt:	68.5% of GDP (2015)		
Corporate Tax Rate:	20.0%		
Sources: Deloitte, IFES Election Guide, Eurostat, FT, Heritage Foundation, MJE, Transparency International,			

World Bank and World Economic Forum.

		Inte	res
3-month Danish CIBO	R Rate,	, %	
Rate on Survey Date:	Г	-0.23	
	F		
	<u>2017</u>	<u>2018</u>	
Mean Average	-0.29	-0.03	
High	0.02	0.40	
Low Standard Deviation	-0.70 0.37	-0.50	
	0.37	0.45	
3-month Euro Area EL	IRIBOR	Rate, %	
Rate on Survey Date:	Г	-0.33	
	7017	2019	
Maan Avaraga	<u>2017</u> -0.27	<u>2018</u> -0.04	
Mean Average High	-0.27	- <b>0.04</b> 0.25	
Low	-0.40	-0.40	
Standard Deviation	0.09	0.22	
3-month Norwegian N Rate on Survey Date:	NIBOR I	Rate, % 1.09	
	2017	2018	
Mean Average	1.03	1.25	
High	1.30	1.80	
Low	0.80	0.95	
Standard Deviation	0.21	0.32	
3-month Swedish STII	SOR Ra	te. %	
Rate on Survey Date:	г <del>о</del> ппа Г	-0.54	
nate on Survey Date:	L	-0.34	
	<u>2017</u>	<u>2018</u>	
Mean Average	-0.37	0.06	
High	-0.10	0.40	
•			

Oil Price Fo	orecasts			
Oil Prices, Brent Blent, US\$ per barrel				
Price on Survey Date: 55.9				
2017 2018				
Mean Average	56.9	59.5		
High	65.0	70.0		
Low	48.0	51.0		
Standard Deviation	4.1	4.1		
Notes: The consensus (mea responses from panellists ir survey and those in our com	n our Nordic	Barometer		

survey and those in our companion publication, the Euro Zone Barometer. Forecasts are for end period.

## Interest Rate Forecasts

#### 10 Year Danish Govt Bond Yield, %

Rate on Survey Date:	[	0.35
	<u>2017</u>	2018
Mean Average	0.58	0.98
High	0.90	1.30
Low	0.20	0.60
Standard Deviation	0.35	0.35

#### 10 Year Finnish Govt Bond Yield, %

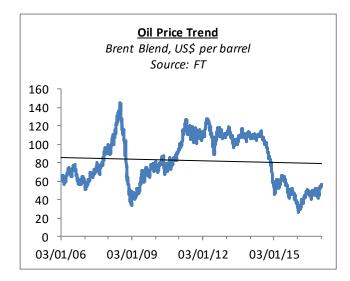
Rate on Survey Date:		0.45
	<u>2017</u>	<u>2018</u>
Mean Average	0.83	1.24
High	1.18	1.75
Low	0.50	0.80
Standard Deviation	0.34	0.48

#### 10 Year Norwegian Govt Bond Yield, %

Rate on Survey Date:		1.55
Mean Average	<u>2017</u> 1.56	<u>2018</u> 1.92
High Low	2.00 1.10	2.50 1.50
Standard Deviation	0.38	0.47

#### 10 Year Swedish Govt Bond Yield, %

Rate on Survey Date	: [	0.61
Mean Average	<u>2017</u> 1.08	<u>2018</u> 1.59
High	1.30	2.00
Low	0.60	0.90
Standard Deviation	0.32	0.48



#### **Exchange Rate Forecasts**

Danish Krone/Euro	Exchang	e Rate	
Rate on Survey Date:		7.437	
	<u>2017</u>	<u>2018</u>	
Mean Average	7.456	7.457	
High	7.500	7.500	
Low	7.436	7.436	
Standard Deviation	0.020	0.021	

#### US Dollar/Euro Exchange Rate

Rate on Survey Date:		1.066
	<u>2017</u>	<u>2018</u>
Mean Average	1.054	1.059
High	1.120	1.150
Low	0.995	0.910
Standard Deviation	0.043	0.067

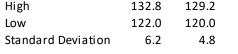
#### Norwegian Krone/Euro Exchange Rate

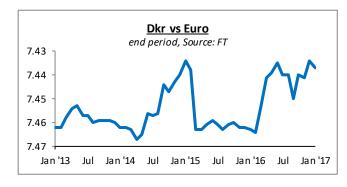
Rate on Survey Date:		9.054
	<u>2017</u>	<u>2018</u>
Mean Average	8.760	8.595
High	9.080	9.000
Low	8.500	8.000
Standard Deviation	0.196	0.310

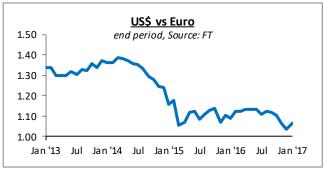
#### Swedish Krona/Euro Exchange Rate Rate on Survey Date: 9.493

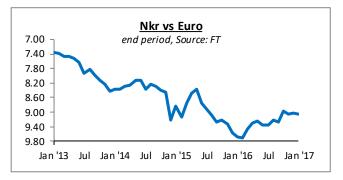
	<u>2017</u>	<u>2018</u>
Mean Average	9.354	9.045
High	9.900	9.700
Low	8.951	8.600
Standard Deviation	0.305	0.400

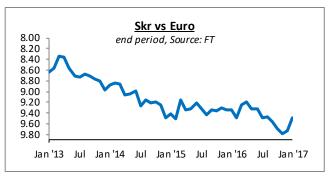
# Icelandic Krona/Euro Exchange RateRate on Survey Date:121.2Mean Average20172018High132.8129.2

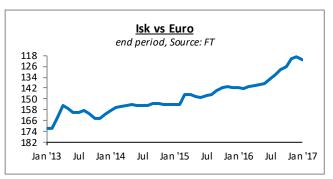












#### The Nordic Barometer Monthly Qualitative Interest Rate Poll

Share of respondents anticipating that between now and our next survey the <u>DANISH POLICY RATE</u> will:

Remain UNCHANGED? INCREASE?	100% 0%
Likely increase?	na
DECREASE?	0%
Likely decrease?	na

## Share of respondents anticipating that between now and our next survey the <u>DANISH LENDING RATE</u> will:

Remain UNCHANGED?	<b>100%</b>
INCREASE?	0%
Likely increase?	na
DECREASE?	0%
Likely decrease?	na

Share of respondents anticipating that between now and our next survey the EURO AREA POLICY RATE will:

Remain UNCHANGED?	100%
INCREASE?	0%
Likely increase?	na
DECREASE?	0%
Likely decrease?	na

Share of respondents anticipating that between now and our next survey the NORWEGIAN POLICY RATE will:

Remain UNCHANGED? INCREASE?	100% 0%
Likely increase?	na
DECREASE?	0%
Likely decrease?	na

#### Share of respondents anticipating that between now and our next survey the SWEDISH POLICY RATE will:

SWEDISTT OFICE MATE WIII.	
Remain UNCHANGED?	100%
INCREASE?	0%
Likely increase?	na
DECREASE?	0%
Likely decrease?	na

#### Central Bank Watch

• Inflation picked up across Europe towards the end of last year, largely in response to the mini-revival in commodities, including oil prices responding to the latest round of OPEC-led production cuts.

• As such, central banks are under no obligation to provide additional liquidity by lowering their policy rates – deeper into negative territory in some cases – or expand on quantitative easing programmes involving asset purchases.

• The option is still there to provide more monetary stimulus if required, but for now the emphasis is on monitoring growth and inflation prospects through to the spring without responding prematurely to the natural volatility.

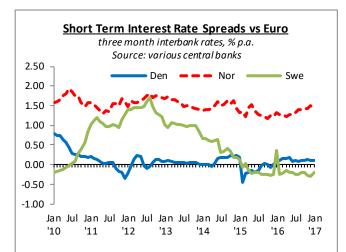
#### The Most Recent Interest Rate Changes

Denmark: Danmarks Nationalbank January 7th, 2016 An increase in the certificates of deposit rate from -0.75% to -0.65%, the discount rate and current-account rate left unchanged at 0.00%, and the lending rate unchanged at 0.05%.

Finland: European Central Bank <u>March 16th, 2016</u> A reduction in the deposit rate from -0.30% to -0.40%, and the repo rate from 0.05% to 0.00%.

Norway: Norges Bank <u>March 17th, 2016</u> A reduction in the sight deposit rate from 0.75% to 0.50% .

Sweden: Sveriges Riksbank February 11th, 2016 A reduction in the repo rate from -0.35% to -0.50%.



#### Long Term Forecasts Forecasts for 2019 to 2021 are taken from our January 2017 special long term forecasts survey. Denmark 2016 2017 2018 2019 2020 2021 (% change year-on-year, unless otherwise stated) **Gross Domestic Product** 1.1 1.5 1.8 1.7 1.7 1.7 **Private Consumption** 1.9 1.6 1.9 1.8 2.0 1.9 **Gross Fixed Investment** 2.6 2.5 2.7 2.3 2.6 2.6 Unemployment Rate (% of labour force) 4.3 4.2 4.0 4.7 4.6 4.6 0.3 **Consumer Prices** 1.2 1.5 1.6 1.7 1.8 Current Account (annual total, Dkr bn) 144.7 139.7 140.5 114.5 109.2 107.7 Current Account (% of GDP) 6.8 6.4 6.1 5.2 4.8 4.6 2016 2017 2020 2021 (end period) 2018 2019 3 Month Interest Rate, % per annum -0.23 -0.29 -0.03 0.50 0.80 1.00 10 Year Bond Yield, % per annum 1.45 0.34 0.58 0.98 1.15 1.75 **Yield Differential** 0.57 0.87 1.01 0.65 0.75 0.65 **Dkr per Euro Exchange Rate** 7.436 7.456 7.457 7.450 7.450 7.450 **Finland** 2017 2018 2020 (% change year-on-year, unless otherwise stated) 2016 2019 2021 **Gross Domestic Product** 1.2 1.1 1.3 1.5 1.7 1.9 **Private Consumption** 1.8 1.1 1.1 1.6 1.7 1.8 **Gross Fixed Investment** 2.9 25 2.0 2.2 24 2.3 Industrial Production 1.8 1.9 2.1 2.5 2.5 2.5 Unemployment Rate (% of labour force) 89 8.6 80 8.3 7.6 7.1 **Consumer Prices** 0.4 1.2 1.4 1.6 1.6 1.8 Current Account (annual total, Euros bn) -2.0 -0.5 -1.5 -1.5 -1.1 -1.2 Current Account (% of GDP) -0.9 -0.8 -0.7 -0.5 -0.5 -0.2 2016 2017 2018 2019 2020 2021 (end period) 3 Month Interest Rate, % per annum -0.32 -0.27 -0.04 0.62 1.19 1.48 10 Year Bond Yield, % per annum 0.35 0.83 1.24 1.66 2.15 2.63 **Yield Differential** 0.67 1.10 1.28 1.04 0.96 1.15 US\$ per Euro Exchange Rate 1.055 1.054 1.059 1.097 1.119 1.145 Norway 2017 2020 (% change year-on-year, unless otherwise stated) 2016 2018 2019 2021 Gross Domestic Product, total 0.7 1.2 1.7 1.9 2.1 2.0 **Private Consumption** 1.5 1.7 2.0 2.1 2.1 2.0 **Gross Fixed Investment** 0.2 1.3 2.4 2.7 3.0 2.7 Industrial Production -1.9 -0.6 1.7 1.9 1.5 1.8 **Unemployment Rate** (% of labour force) 4.8 4.7 4.6 4.3 4.1 4.1 Consumer Prices 3.6 2.5 2.1 2.1 1.9 1.9 Current Account (annual total, Nkr bn) 151.8 233.6 246.6 276.5 306.9 300.1 7.7 **Current Account** (% of GDP) 4.9 7.1 7.2 8.1 7.7 (end period) 2016 2017 2018 2019 2020 2021 3 Month Interest Rate, % per annum 1.17 1.03 1.25 1.43 2.03 2.50 1.56 2.07 10 Year Bond Yield, % per annum 1.64 1.92 2.53 3.03 **Yield Differential** 0.47 0.53 0.67 0.64 0.50 0.53 Nkr per Euro Exchange Rate 9.079 8.760 8.595 8.687 8.540 8.534 Sweden (% change year-on-year, unless otherwise stated) 2016 2017 2018 2019 2020 2021 Gross Domestic Product 3.2 2.3 2.2 1.9 1.8 1.8 **Private Consumption** 2.2 2.0 2.1 2.0 2.0 2.1 Gross Fixed Investment 3.4 2.9 2.2 2.1 6.6 2.5 Industrial Production 1.2 1.7 2.1 1.5 1.9 2.2 **Unemployment Rate** (% of labour force) 6.9 6.7 6.3 6.6 6.5 6.5 **Consumer Prices** 1.0 1.5 1.9 2.2 2.4 2.3 Current Account (annual total, Skr bn) 202.5 217.7 218.1 225.7 234.3 237.9 Current Account (% of GDP) 4.8 4.8 4.7 4.6 4.6 4.5 2016 2017 2018 2020 2021 (end period) 2019 3 Month Interest Rate. % per annum -0.59 -0.37 0.06 0.37 1.03 1.67 10 Year Bond Yield, % per annum 1.08 2.03 2.57 2.93 0.54 1.59 **Yield Differential** 1.13 1.45 1.53 1.67 1.53 1.27 Skr per Euro Exchange Rate 9.582 9.354 9.045 9.084 8.954 8.869 Note: forecasts = consensus (mean average).

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