Article | 20 October 2023

Key events in developed markets next week

Following the recent strength in activity data in the US, we see third-quarter GDP growth coming in at a robust 4% next week. Elsewhere, all eyes will be on the upcoming European Central Bank meeting, as well as jobs data and PMI releases in the UK ahead of the Bank of England's November meeting. The Bank of Canada is also likely to keep rates on hold



Source: Shutterstock

✓ US: Third-quarter GDP growth to come in at around 4%.

Federal Reserve officials continue to suggest that they will likely hold rates steady for the second consecutive time at the upcoming FOMC meeting despite US economic activity remaining hot, the jobs market tight, and inflation still well above target. Policymakers continue to talk about long and variable lags when it comes to the economic impact of monetary policy changes, but the bigger factor is the recent sharp run-up in Treasury yields. This is pushing consumer and corporate borrowing costs higher, with mortgage rates fast approaching 8% and credit card borrowing costs at record highs. This significant tightening of lending conditions will increasingly act as a major headwind to economic activity and should lead to a moderation in growth and help dampen inflation pressures more broadly.

For now, however, activity numbers remain strong, with the highlight being third-quarter GDP. We look for it to come in at around 4%, boosted by strong consumer spending. Leisure and tourism spending has been particularly firm, while residential investment should also contribute positively together with government spending. We will also see the Fed's favoured measure of inflation, the core personal consumer expenditure deflator. Energy prices will lift the headline rate and we are not as optimistic that core inflation will rise just 0.2% month-on-month or 3.7% year-on-year as the market expects. We fear slight upside risks, and this combination of elevated inflation and strong growth could be the catalyst for the 10Y Treasury yield to clearly break above 5%.

Eurozone: Broad consensus is for no hike as the ECB has already reached a record high

Next week's events will be dominated by the European Central Bank (ECB) rate decision on Thursday. The broad consensus is for no hike as the ECB has already reached a record high, inflation is becoming more benign and the economy is weakening rapidly. Still, higher oil prices and continued labour market strength keep upside risks to inflation alive. Thursday's meeting will therefore mainly be about whether the ECB gives off any clear messages on a possible final hike in December. We think the chances of another hike are low.

Don't count out the PMI on Tuesday in terms of market impact. While much less relevant than the ECB meeting, it has caused some movement in recent months as weakening economic data from the eurozone has raised concerns over a possible downturn. A downbeat reading for the PMI would be negative for euro sentiment as it would increase expectations of a recession. We expect that the economic environment is currently broadly stagnant, but a recession is never far away.

UK: Jobs data and PMIs in focus as BoE is set for November pause

With a couple of weeks to go until the next Bank of England meeting, it looks like the stage is set for another on-hold decision. We've already had the all-important services inflation and wage numbers, and while they're too high for policymakers' liking, neither provided a big enough upside surprise to pressure the committee into another rate hike next month.

Next week brings flash PMIs, which might improve fractionally but suggest the dominant UK service sector is under pressure. We'll also get delayed jobs market data, which has been pointing to a rise in unemployment over recent months. But the survey is suffering from dwindling response rates, hence the delay, and there are clear question marks over how much weight we should be ascribing to these figures. The Bank will certainly treat them with a pinch of salt when the committee meets next.

Canada: Focus on the BoC's interest rate decision with no change expected

In Canada, the focus will be on the Bank of Canada's interest rate decision. What was a 50-50 call on a 25bp rate hike four weeks ago has now come down to look much more like a 20-80 chance in favour of no change, thus keeping it at 5%. Economic activity surprisingly contracted in the second quarter and flatlined in July, while the latest inflation numbers were more benign than expected.

The jobs market remains strong though, and the BoC will likely keep the option of a future hike on the table, but we believe interest rates have most probably peaked.

Key events in developed markets next week

Eurozone 1500 Oct Consumer Confidence Flash	Country	Time	Data/event	ING	Survey	Prev.
Tuesday 24 October						
US 1445 Oct S&P Global Manufacturing Flash PMI	Eurozone	1500	Oct Consumer Confidence Flash	-18.2		-17.8
1445 Oct S&P Global Services Flash PMI						
1445 Oct S&P Global Composite Flash PMI	US	1445	Oct S&P Global Manufacturing Flash PMI	-		49.8
Germany 0700 Nov GfK Consumer Sentiment -26 -26.5 0830 Oct S&P Global Manufacturing Flash PMI 40 39.6 0830 Oct S&P Global Service Flash PMI 50.1 50.3 0830 Oct S&P Global Composite Flash PMI 46.7 46.4 France 0815 Oct S&P Global Composite Flash PMI - 44.1 UK 0700 Aug ILO Unemployment Rate 4.3 4.3 4.3 0700 Aug Employment Change -220 -198 -207 0930 Oct Flash Composite PMI 48.8 48.5 0930 Oct Flash Manufacturing PMI 45 44.3 0930 Oct S&P Global Manufacturing Flash PMI 49 48.7 0900 Oct S&P Global Services Flash PMI 49 48.7 0900 Oct S&P Global Composite Flash PMI 47.6 47.2 Wednesday 25 October US 1500 Sep New Home Sales-Units (000s) 690 684 675 Germany 0900 Oct Ifo Business Climate 85.9 85.7 0900 Oct Ifo Current Conditions 88.5 88.7 0900 Oct Ifo Expectations 5.00 5.00 <td></td> <td>1445</td> <td>Oct S&P Global Services Flash PMI</td> <td>-</td> <td></td> <td>50.1</td>		1445	Oct S&P Global Services Flash PMI	-		50.1
0830 Oct S&P Global Manufacturing Flash PMI 40 39.6 0830 Oct S&P Global Service Flash PMI 50.1 50.3 0830 Oct S&P Global Composite Flash PMI 46.7 46.4 France 0815 Oct S&P Global Composite Flash PMI - 44.1 UK 0700 Aug ILO Unemployment Rate 4.3 4.3 4.3 0700 Aug Employment Change -220 -198 -207 0930 Oct Flash Composite PMI 48.8 48.5 0930 Oct Flash Manufacturing PMI 45 44.3 0930 Oct Flash Services PMI 49.5 49.3 Eurozone 0900 Oct S&P Global Manufacturing Flash PMI 44 43.4 0900 Oct S&P Global Services Flash PMI 49 48.7 0900 Oct S&P Global Services Flash PMI 47.6 47.2 Wednesday 25 October US 1500 Sep New Home Sales-Units (000s) 690 684 675 Germany 0900 Oct Ifo Business Climate 85.9 85.7 0900 Oct Ifo Expectations 88.5 88.7 0900 Oct Ifo Expectations 5.00 5.00 Eurozone </td <td></td> <td>1445</td> <td>Oct S&P Global Composite Flash PMI</td> <td>-</td> <td></td> <td>50.2</td>		1445	Oct S&P Global Composite Flash PMI	-		50.2
0830 Oct S&P Global Service Flash PMI 50.1 50.3 0830 Oct S&P Global Composite Flash PMI 46.7 46.4 France 0815 Oct S&P Global Composite Flash PMI - 44.1 UK 0700 Aug ILO Unemployment Rate 4.3 4.3 4.3 0700 Aug Employment Change -220 -198 -207 0930 Oct Flash Composite PMI 48.8 48.5 0930 Oct Flash Manufacturing PMI 45 44.3 0930 Oct Flash Services PMI 49.5 49.3 Eurozone 0900 Oct S&P Global Manufacturing Flash PMI 44 43.4 0900 Oct S&P Global Composite Flash PMI 49 48.7 0900 Oct S&P Global Composite Flash PMI 47.6 47.2 Wednesday 25 October US 1500 Sep New Home Sales-Units (000s) 690 684 675 Germany 0900 Oct Ifo Business Climate 85.9 85.7 0900 Oct Ifo Expectations 88.5 88.7 0900 Oct Ifo Expectations 83.3 82.9 Canada 1500 Boc Rate Decision 5.00 5.00 Eurozone 0900 Sep Money-M3 Annual Growth -1.7 -1.3 Thursday 26 October <td>Germany</td> <td>0700</td> <td>Nov GfK Consumer Sentiment</td> <td>-26</td> <td></td> <td>-26.5</td>	Germany	0700	Nov GfK Consumer Sentiment	-26		-26.5
0830 Oct S&P Global Composite Flash PMI 46.4 France 0815 Oct S&P Global Composite Flash PMI - 44.1 UK 0700 Aug ILO Unemployment Rate 4.3 4.3 4.3 0700 Aug Employment Change -220 -198 -207 0930 Oct Flash Composite PMI 48.8 48.5 0930 Oct Flash Manufacturing PMI 45 44.3 0930 Oct Flash Services PMI 49.5 49.3 Eurozone 0900 Oct S&P Global Manufacturing Flash PMI 44 43.4 0900 Oct S&P Global Services Flash PMI 49 48.7 0900 Oct S&P Global Composite Flash PMI 47.6 47.2 Wednesday 25 October US 1500 Sep New Home Sales-Units (000s) 690 684 675 Germany 0900 Oct Ifo Business Climate 85.9 85.7 0900 Oct Ifo Current Conditions 88.5 88.7 0900 Oct Ifo Expectations 83.3 82.9 Canada 1500 Boc Rate Decision 5.00 5.00 5.00 Eurozone 0900 Sep Money-M3 Annual Growth -1.7 -1.3 Thursday 26 October		0830	Oct S&P Global Manufacturing Flash PMI	40		39.6
France 0815 Oct S&P Global Composite Flash PMI - 44.1 UK 0700 Aug ILO Unemployment Rate 4.3 4.3 4.3 0700 Aug Employment Change -220 -198 -207 0930 Oct Flash Composite PMI 48.8 48.5 0930 Oct Flash Manufacturing PMI 45 44.3 0930 Oct Flash Services PMI 49.5 49.3 Eurozone 0900 Oct S&P Global Manufacturing Flash PMI 44 43.4 0900 Oct S&P Global Services Flash PMI 49 48.7 0900 Oct S&P Global Composite Flash PMI 47.6 47.2 Wednesday 25 October US 1500 Sep New Home Sales-Units (000s) 690 684 675 Germany 0900 Oct Ifo Business Climate 85.9 85.7 Germany 0900 Oct Ifo Current Conditions 88.5 88.7 0900 Oct Ifo Expectations 83.3 82.9 Canada 1500 BoC Rate Decision 5.00 5.00 5.00 Eurozone 0900 Sep Money-M3 Annual Growth -1.7 -1.3 <td< td=""><td></td><td>0830</td><td>Oct S&P Global Service Flash PMI</td><td>50.1</td><td></td><td>50.3</td></td<>		0830	Oct S&P Global Service Flash PMI	50.1		50.3
UK 0700 Aug ILO Unemployment Rate 4.3 4.3 4.3 0700 Aug Employment Change -220 -198 -207 0930 Oct Flash Composite PMI 48.8 48.5 0930 Oct Flash Manufacturing PMI 45 44.3 0930 Oct Flash Services PMI 49.5 49.3 Eurozone 0900 Oct S&P Global Manufacturing Flash PMI 44 43.4 0900 Oct S&P Global Services Flash PMI 49 48.7 0900 Oct S&P Global Composite Flash PMI 47.6 47.2 Wednesday 25 October US 1500 Sep New Home Sales-Units (000s) 690 684 675 Germany 0900 Oct Ifo Business Climate 85.9 85.7 0900 Oct Ifo Current Conditions 88.5 88.7 0900 Oct Ifo Expectations 83.3 82.9 Canada 1500 BoC Rate Decision 5.00 5.00 5.00 Eurozone 0900 Sep Money-M3 Annual Growth -1.7 -1.3 Thursday 26 October US 1330 Sep Durable Goods 2.4 1.0 0.1 1330 Initial Jobless Claims (000s) 205 <		0830	Oct S&P Global Composite Flash PMI	46.7		46.4
0700 Aug Employment Change -220 -198 -207 0930 Oct Flash Composite PMI 48.8 48.5 0930 Oct Flash Manufacturing PMI 45 44.3 0930 Oct Flash Services PMI 49.5 49.3 Eurozone 0900 Oct S&P Global Manufacturing Flash PMI 44 43.4 0900 Oct S&P Global Services Flash PMI 49 48.7 0900 Oct S&P Global Composite Flash PMI 47.6 47.2 Wednesday 25 October US 1500 Sep New Home Sales-Units (000s) 690 684 675 Germany 0900 Oct Ifo Business Climate 85.9 85.7 0900 Oct Ifo Current Conditions 88.5 88.7 0900 Oct Ifo Expectations 83.3 82.9 Canada 1500 BoC Rate Decision 5.00 5.00 5.00 Eurozone 0900 Sep Money-M3 Annual Growth -1.7 -1.3 Thursday 26 October US 1330 3Q GDP (QoQ% annualised) 4.0 4.0 2.1 1330 Initial Jobless Claims (000s) 205 - 198 1330 Continuing Jobless Claims (000s) 1750 -<	France	0815	Oct S&P Global Composite Flash PMI	-		44.1
0930 Oct Flash Composite PMI 48.8 48.5 0930 Oct Flash Manufacturing PMI 45 44.3 0930 Oct Flash Services PMI 49.5 49.3 Eurozone 0900 Oct S&P Global Manufacturing Flash PMI 44 43.4 0900 Oct S&P Global Services Flash PMI 49 48.7 0900 Oct S&P Global Composite Flash PMI 47.6 47.2 Wednesday 25 October US 1500 Sep New Home Sales-Units (000s) 690 684 675 Germany 0900 Oct Ifo Business Climate 85.9 85.7 0900 Oct Ifo Current Conditions 88.5 88.7 0900 Oct Ifo Expectations 83.3 82.9 Canada 1500 BoC Rate Decision 5.00 5.00 5.00 Eurozone 0900 Sep Money-M3 Annual Growth -1.7 -1.3 Thursday 26 October US 1330 3Q GDP (QoQ% annualised) 4.0 4.0 2.1 1330 Initial Jobless Claims (000s) 205 - 198 1330 Continuing Jobless Claims (000s) 1750 - 1734	UK	0700	Aug ILO Unemployment Rate	4.3	4.3	4.3
0930 Oct Flash Manufacturing PMI 45 44.3 0930 Oct Flash Services PMI 49.5 49.3 Eurozone 0900 Oct S&P Global Manufacturing Flash PMI 44 43.4 0900 Oct S&P Global Services Flash PMI 49 48.7 0900 Oct S&P Global Composite Flash PMI 47.6 47.2 Wednesday 25 October US 1500 Sep New Home Sales-Units (000s) 690 684 675 Germany 0900 Oct Ifo Business Climate 85.9 85.7 0900 Oct Ifo Current Conditions 88.5 88.7 0900 Oct Ifo Expectations 83.3 82.9 Canada 1500 BoC Rate Decision 5.00 5.00 5.00 Eurozone 0900 Sep Money-M3 Annual Growth -1.7 -1.3 Thursday 26 October US 1330 3Q GDP (QoQ% annualised) 4.0 4.0 2.1 1330 Initial Jobless Claims (000s) 205 - 198 1330 Continuing Jobless Claims (000s) 1750 - 1734		0700	Aug Employment Change	-220	-198	-207
0930 Oct Flash Services PMI				48.8		48.5
Eurozone 0900 Oct S&P Global Manufacturing Flash PMI 44 43.4 0900 Oct S&P Global Services Flash PMI 49 48.7 0900 Oct S&P Global Composite Flash PMI 47.6 47.2 Wednesday 25 October US 1500 Sep New Home Sales-Units (000s) 690 684 675 Germany 0900 Oct Ifo Business Climate 85.9 85.7 0900 Oct Ifo Current Conditions 88.5 88.7 0900 Oct Ifo Expectations 83.3 82.9 Canada 1500 BoC Rate Decision 5.00 5.00 5.00 Eurozone 0900 Sep Money-M3 Annual Growth -1.7 -1.3 Thursday 26 October US 1330 3Q GDP (QoQ% annualised) 4.0 4.0 2.1 1330 Sep Durable Goods 2.4 1.0 0.1 1330 Initial Jobless Claims (000s) 205 - 198 1330 Continuing Jobless Claims (000s) 1750 - 1734		0930	Oct Flash Manufacturing PMI	45		44.3
0900 Oct S&P Global Services Flash PMI 49 48.7 0900 Oct S&P Global Composite Flash PMI 47.6 47.2 Wednesday 25 October US 1500 Sep New Home Sales-Units (000s) 690 684 675 Germany 0900 Oct Ifo Business Climate 85.9 85.7 0900 Oct Ifo Current Conditions 88.5 88.7 0900 Oct Ifo Expectations 83.3 82.9 Canada 1500 BoC Rate Decision 5.00 5.00 5.00 Eurozone 0900 Sep Money-M3 Annual Growth -1.7 -1.3 Thursday 26 October US 1330 3Q GDP (QoQ% annualised) 4.0 4.0 2.1 1330 Sep Durable Goods 2.4 1.0 0.1 1330 Initial Jobless Claims (000s) 205 - 198 1330 Continuing Jobless Claims (000s) 1750 - 1734				49.5		49.3
0900 Oct S&P Global Composite Flash PMI 47.6 47.2 Wednesday 25 October US 1500 Sep New Home Sales-Units (000s) 690 684 675 Germany 0900 Oct Ifo Business Climate 85.9 85.7 0900 Oct Ifo Current Conditions 88.5 88.7 0900 Oct Ifo Expectations 83.3 82.9 Canada 1500 BoC Rate Decision 5.00 5.00 5.00 Eurozone 0900 Sep Money-M3 Annual Growth -1.7 -1.3 Thursday 26 October US 1330 3Q GDP (QoQ% annualised) 4.0 4.0 2.1 1330 Sep Durable Goods 2.4 1.0 0.1 1330 Initial Jobless Claims (000s) 205 - 198 1330 Continuing Jobless Claims (000s) 1750 - 1734	Eurozone	0900	Oct S&P Global Manufacturing Flash PMI	44		43.4
Wednesday 25 October US 1500 Sep New Home Sales-Units (000s) 690 684 675 Germany 0900 Oct Ifo Business Climate 85.9 85.7 0900 Oct Ifo Current Conditions 88.5 88.7 0900 Oct Ifo Expectations 83.3 82.9 Canada 1500 BoC Rate Decision 5.00 5.00 5.00 Eurozone 0900 Sep Money-M3 Annual Growth -1.7 -1.3 Thursday 26 October US 1330 3Q GDP (QoQ% annualised) 4.0 4.0 2.1 1330 Sep Durable Goods 2.4 1.0 0.1 1330 Initial Jobless Claims (000s) 205 - 198 1330 Continuing Jobless Claims (000s) 1750 - 1734		0900	Oct S&P Global Services Flash PMI	49		48.7
US 1500 Sep New Home Sales-Units (000s) 690 684 675 Germany 0900 Oct Ifo Business Climate 85.9 85.7 0900 Oct Ifo Current Conditions 88.5 88.7 0900 Oct Ifo Expectations 83.3 82.9 Canada 1500 BoC Rate Decision 5.00 5.00 5.00 Eurozone 0900 Sep Money-M3 Annual Growth -1.7 -1.3 Thursday 26 October US 1330 3Q GDP (QoQ% annualised) 4.0 4.0 2.1 1330 Sep Durable Goods 2.4 1.0 0.1 1330 Initial Jobless Claims (000s) 205 - 198 1330 Continuing Jobless Claims (000s) 1750 - 1734		0900	Oct S&P Global Composite Flash PMI	47.6		47.2
Germany 0900 Oct Ifo Business Climate 85.9 85.7 0900 Oct Ifo Current Conditions 88.5 88.7 0900 Oct Ifo Expectations 83.3 82.9 Canada 1500 BoC Rate Decision 5.00 5.00 5.00 Eurozone 0900 Sep Money-M3 Annual Growth -1.7 -1.3 Thursday 26 October US 1330 3Q GDP (QoQ% annualised) 4.0 4.0 2.1 1330 Sep Durable Goods 2.4 1.0 0.1 1330 Initial Jobless Claims (000s) 205 - 198 1330 Continuing Jobless Claims (000s) 1750 - 1734			Wednesday 25 October			
0900 Oct Ifo Current Conditions 88.5 88.7 0900 Oct Ifo Expectations 83.3 82.9 Canada 1500 BoC Rate Decision 5.00 5.00 5.00 Eurozone 0900 Sep Money-M3 Annual Growth -1.7 -1.3 Thursday 26 October US 1330 3Q GDP (QoQ% annualised) 4.0 4.0 2.1 1330 Sep Durable Goods 2.4 1.0 0.1 1330 Initial Jobless Claims (000s) 205 - 198 1330 Continuing Jobless Claims (000s) 1750 - 1734	US	1500	Sep New Home Sales-Units (000s)	690	684	675
Canada 1500 BoC Rate Decision 5.00 5.00 5.00 Eurozone 0900 Sep Money-M3 Annual Growth -1.7 -1.3 Thursday 26 October US 1330 3Q GDP (QoQ% annualised) 4.0 4.0 2.1 1330 Sep Durable Goods 2.4 1.0 0.1 1330 Initial Jobless Claims (000s) 205 - 198 1330 Continuing Jobless Claims (000s) 1750 - 1734	Germany			85.9		85.7
Canada 1500 BoC Rate Decision 5.00 5.00 5.00 Eurozone 0900 Sep Money-M3 Annual Growth -1.7 -1.3 Thursday 26 October US 1330 3Q GDP (QoQ% annualised) 4.0 4.0 2.1 1330 Sep Durable Goods 2.4 1.0 0.1 1330 Initial Jobless Claims (000s) 205 - 198 1330 Continuing Jobless Claims (000s) 1750 - 1734		0900	Oct Ifo Current Conditions	88.5		88.7
Eurozone 0900 Sep Money-M3 Annual Growth -1.7 -1.3 Thursday 26 October US 1330 3Q GDP (QoQ% annualised) 4.0 4.0 2.1 1330 Sep Durable Goods 2.4 1.0 0.1 1330 Initial Jobless Claims (000s) 205 - 198 1330 Continuing Jobless Claims (000s) 1750 - 1734		0900	Oct Ifo Expectations	83.3		82.9
Thursday 26 October US 1330 3Q GDP (QoQ% annualised) 4.0 4.0 2.1 1330 Sep Durable Goods 2.4 1.0 0.1 1330 Initial Jobless Claims (000s) 205 - 198 1330 Continuing Jobless Claims (000s) 1750 - 1734	Canada	1500	BoC Rate Decision	5.00	5.00	5.00
US 1330 3Q GDP (QoQ% annualised) 4.0 4.0 2.1 1330 Sep Durable Goods 2.4 1.0 0.1 1330 Initial Jobless Claims (000s) 205 - 198 1330 Continuing Jobless Claims (000s) 1750 - 1734	Eurozone	0900	Sep Money-M3 Annual Growth	-1.7		-1.3
1330 Sep Durable Goods 2.4 1.0 0.1 1330 Initial Jobless Claims (000s) 205 - 198 1330 Continuing Jobless Claims (000s) 1750 - 1734			Thursday 26 October			
1330 Initial Jobless Claims (000s) 205 - 198 1330 Continuing Jobless Claims (000s) 1750 - 1734	US	1330	3Q GDP (QoQ% annualised)	4.0	4.0	2.1
1330 Continuing Jobless Claims (000s) 1750 - 1734				2.4	1.0	0.1
		1330	Initial Jobless Claims (000s)	205	-	198
Eurozone 1315 Oct ECB Refinancing rate 4.50 4.50 4.50		1330	Continuing Jobless Claims (000s)	1750	-	1734
	Eurozone	1315	Oct ECB Refinancing rate	4.50	4.50	4.50
1315 Oct ECB Deposit rate 4.00 4.00 4.00		1315	Oct ECB Deposit rate	4.00	4.00	4.00
Friday 27 October						
US 1330 Sep Personal Income (MoM%) 0.4 0.4 0.4	US			0.4	0.4	
1330 Sep Personal Consumption Real (MoM%) 0.1 0.1				0.1		0.1
1330 Sep Consumption, Adjusted (MoM%) 0.4 0.4 0.4				0.4	0.4	0.4
1330 Sep Core PCE Price Index (MoM%/YoY%) 0.3/3.8 0.2/3.7 0.1/3.9		1330	Sep Core PCE Price Index (MoM%/YoY%)	0.3/3.8	0.2/3.7	0.1/3.9
1500 Oct U Mich Sentiment Final 63 63 63		1500	Oct U Mich Sentiment Final	63	63	63
Italy 0900 Oct Consumer Confidence 104.7 105.4				104.7		105.4
Spain 0800 Sep Retail Sales (YoY%) - 7.2	•		Sep Retail Sales (YoY%)	-		7.2

Source: Refinitiv, ING

Author

James Knightley

Chief International Economist, US <u>james.knightley@ing.com</u>

Bert Colijn

Chief Economist, Netherlands bert.colijn@ing.com

James Smith

Developed Markets Economist, UK james.smith@ing.com

Disclaimer

This publication has been prepared by the Economic and Financial Analysis Division of ING Bank N.V. ("ING") solely for information purposes without regard to any particular user's investment objectives, financial situation, or means. ING forms part of ING Group (being for this purpose ING Group N.V. and its subsidiary and affiliated companies). The information in the publication is not an investment recommendation and it is not investment, legal or tax advice or an offer or solicitation to purchase or sell any financial instrument. Reasonable care has been taken to ensure that this publication is not untrue or misleading when published, but ING does not represent that it is accurate or complete. ING does not accept any liability for any direct, indirect or consequential loss arising from any use of this publication. Unless otherwise stated, any views, forecasts, or estimates are solely those of the author(s), as of the date of the publication and are subject to change without notice.

The distribution of this publication may be restricted by law or regulation in different jurisdictions and persons into whose possession this publication comes should inform themselves about, and observe, such restrictions.

Copyright and database rights protection exists in this report and it may not be reproduced, distributed or published by any person for any purpose without the prior express consent of ING. All rights are reserved. ING Bank N.V. is authorised by the Dutch Central Bank and supervised by the European Central Bank (ECB), the Dutch Central Bank (DNB) and the Dutch Authority for the Financial Markets (AFM). ING Bank N.V. is incorporated in the Netherlands (Trade Register no. 33031431 Amsterdam). In the United Kingdom this information is approved and/or communicated by ING Bank N.V., London Branch. ING Bank N.V., London Branch is authorised by the Prudential Regulation Authority and is subject to regulation by the Financial Conduct Authority and limited regulation by the Prudential Regulation Authority. ING Bank N.V., London branch is registered in England (Registration number BR000341) at 8-10 Moorgate, London EC2 6DA. For US Investors: Any person wishing to discuss this report or effect transactions in any security discussed herein should contact ING Financial Markets LLC, which is a member of the NYSE, FINRA and SIPC and part of ING, and which has accepted responsibility for the distribution of this report in the United States under applicable requirements.

Additional information is available on request. For more information about ING Group, please visit www.ing.com.