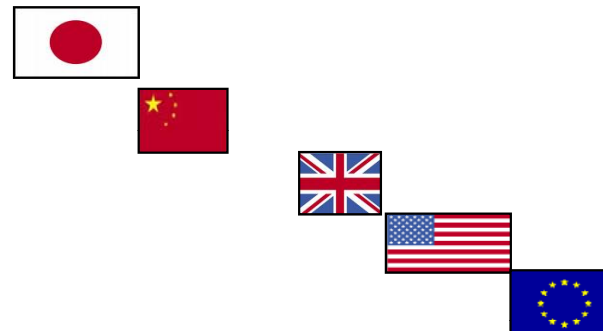


## The Morning Email: Central Banks

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If you see orange on any page, then, it was updated in the last day or two or it's a new item to the email.

Want something added? Let me know: [jgoulding@ghco.com](mailto:jgoulding@ghco.com)

**Disclaimer:** All information within this newsletter is meant for internal use at GH Trader's LLC, only. All information has been recorded to the best of my ability. This material is based upon information that I consider reliable, but I do not represent that it is accurate or complete.

Meeting Dates for 2009					
January 27/28	February	March 17/18	April 28/29	May	June 23/24
July	August 11/12	September 22/23	October	November 3/4	December 15/16



The term "monetary policy" refers to the actions undertaken by a central bank, such as the Federal Reserve, to influence the availability and cost of money and credit to help promote national economic goals. The Federal Reserve Act of 1913 gave the Federal Reserve responsibility for setting monetary policy.

The Federal Reserve controls the three tools of monetary policy--open market operations, the discount rate, and reserve requirements.

-Source: FR

Born ^	2008 Voting Members	Policy Inclination	Term Expires	Took Office	Comment
Dec-1953	Ben S. Bernanke, Chairman, Board of Governors	Moderate/Dove	1/31/2020	02/01/2006	
Nov-1942	Donald L. Kohn, Vice Chairman Board of Governors	Moderate/Hawk	1/31/2016	08/05/2002	
Jul-1952	Elizabeth Duke, Board of Governors	No bias yet	1/31/2012	08/05/2008	
Jun-1962	Randall S. Kroszner, Board of Governors	Moderate/Dove	1/31/2008	03/01/2006	
Jan-1951	Vacant, Board of Governors	Moderate/Dove	1/31/2014		
Apr-1970	Kevin M. Warsh, Board of Governors	Moderate/Hawk	1/31/2018	02/24/2006	
1953	William Dudley, New York	No bias yet		01/27/2009	
01/15/1958	Charles L. Evans, Chicago	Moderate		09/01/2007	
09/27/1955	Jeffrey M. Lacker, Richmond	Moderate/Hawk		08/01/2004	
02/01/1947	Dennis P. Lockhart, Atlanta	Moderate/Hawk		03/01/2007	
8/13/1946	Janet L. Yellen, San Francisco	Moderate/Dove		06/14/2004	
Born ^	2009 Alternate Members (Voters in 2010)	Policy Inclination		Took Office	Comment
06/06/1946	Thomas M. Hoenig, Kansas City	Moderate		10/01/1991	
1960 or 1961	Dr. James B. Bullard, St. Louis	Moderate/Hawk		04/01/2008	
06/03/1957	Eric Rosengren, Boston	Moderate/Dove		07/23/2007	
08/04/1954	Sandra Pianalto, Cleveland	Moderate		02/01/2003	
Born ^	2010 Alternate Members (Voters in 2011)	Policy Inclination		Took Office	Comment
11/03/1944	Dr. Gary H. Stern, Minneapolis	Hawk/Moderate		03/16/1985	
1950???	Richard W. Fisher, Dallas	Hawk		04/04/2005	
09/19/1948	Dr. Charles I. Plosser, Philadelphia	Hawk/Moderate			

**Notes**

^Reserve Bank presidents are subject to mandatory retirement upon becoming 65 years of age. However, presidents initially appointed after age 55 can, at the option of the board of directors, be permitted to serve until attaining ten years of service in the office or age 70, whichever comes first. [Source: FRB web site]

	Rotation			
	2008	2009	2010	
<b>Members</b>	New York	New York	New York	Committee membership changes at the first regularly scheduled meeting of the year.
	Cleveland	Chicago	Cleveland	
	Philadelphia	Richmond	Boston	
	Dallas	Atlanta	St. Louis	
	Minneapolis	SF	KC	
<b>Alternate Members</b>	New York†	New York†	New York†	
	Chicago	Cleveland	Chicago	
	Richmond	Boston	Philadelphia	
	Atlanta	St. Louis	Dallas	
	SF	KC	Minneapolis	

†For the Federal Reserve Bank of New York, the First Vice President is the alternate for the President

Central Bank	Rate (%) Benchmark	Last Rate Change	Amount	Next Meeting	Market Expectations	Policy Strategy	1 Month OIS Rates	
Bank of England (BOE)	1.00 Repo Rate	2/5/2009	(0.50)	BOE	3/5/2009 Ease Bias	Price Stability	0.693	BOE
European Central Bank (ECB)	2.00 Refi (min bid)	1/15/2009	(0.50)	ECB	3/5/2009 Ease Bias	Price Stability	1.154	ECB
US Federal Reserve Bank	0 - 0.25 Fed Funds	12/16/2008	(0.75)	FRB	3/17/2009 Ease Bias	Price Stability/Full employme	0.242	FRB
Bank of Japan (BOJ)	0.30 O / N Call Rat	10/31/2008	(0.30)	BOJ	2/19/2009 On Hold	Price Stability	0.270	BOJ ^
Bank of Canada (BOC)	1.50 O / N Rate	12/9/2008	(0.75)	BOC	3/3/2009 Ease Bias	Price Stability / ICT		BOC
Swiss National Bank (SNB)	.00 - 1.00 3-Mth Libor	11/20/2006	(0.50)	SNB	3/12/2009 Ease Bias	Price Stability		SNB
Reserve Bank of Australia	3.25 Cash Rate	2/3/2009	(1.00)	RBA	3/3/2009 Ease Bias	Price Stability / ICT		RBA
Reserve Bank of New Zealand	3.50 OCR	1/29/2009	(1.50)	RBNZ	3/12/2009 Ease Bias	Price Stability / ICT		RBNZ

**BOE: 10/09/2008:** Changed from On hold to 'Ease Bias' after global coordinated rate cuts. **11/06/2008:** Biggest cut in 300 yr history of 150bps.

**ECB: 10/09/2008:** Changed from 'Ease Possible' after global coordinated rate cuts to 'Ease Bias'

**FRB: 06/25/2008:** Statement is being interpreted as On Hold by the street. The last page of this email has a more 'notes' on the FRB. **09/13/08:** No dissenters.MNI's Beckner states that there is no easing bias though. **10/29/08:** I'd say Beckner is a little out of touch after they lowered rates .50. Moving to 'Ease Bias'. **12/16/08:** 2nd CB (ex Japan) to **ZIRP**

**BOJ: 04/30/2008:** most analyst remove tightening bias. **10/31/08:** Keeping them on hold even after ease. How far can they go? Not far.

#### Notes

^ BOJ rate is "The Deposit Rate"

Sources for "**Policy Strategy**" can be found at each CB's web site. The FRB's Strategy is stated in the Federal Reserve Act, and on the FRB site at the following web address:[http://www.federalreserve.gov/pf/pdf/pf\\_2.pdf](http://www.federalreserve.gov/pf/pdf/pf_2.pdf)

**Price Stability / ICT:** means that the bank has an 'Inflation Control Target' (ITC) but they also acknowledge price stability as being part of there policy strategy.

**Dates** are mm/dd/yyyy

**BOC: 10/21/2008:** Changed from 'Ease Possible' to Ease Bias after 10/08/2008 global coordinated cuts and 10/21/2008 .25 cut.

**SNB: 10/09/2008:** Changed from On hold to 'Ease Possible' after global coordinated rate cuts. **11/06/2008:** Cut was intermeeting and unexpected. Move to 'Ease Bias'

**RBA: 08/19/08:** Represents a policy change from 08/18/08 'On Hold'. RBA minutes show an easing bias. UBS is calling for gradual ease of 100bps. **09/03/08: It appears UBS was/is correct. 10/07/08: And again! (1.00)** **11/03/08: And again! (.75); 12/02/08 And again! (1.00) ; 02/03/09: Again (1.00)**

**RBNZ: 07/24/08:** unexpected rate cut. Furthermore, in their statement they said: Provided that the outlook for inflation continues to improve and there is no excessive exchange rate depreciation, we would expect to lower the OCR further". Therefore, I'm moving from 'On Hold' to 'Easing Bias'. **09/11/08: (50) bp cut, 10/23/2008:(100) bp cut. 12/04/08: (150) bp cut**

## The FOMC: Ranges

**Ranges for FOMC Meetings <sup>1</sup>**

	<b>Avg Dly Rng <sup>2</sup></b>	<b>Avg 15 Min Range <sup>3</sup></b>
<b>30</b>	7.0	5.7
<b>10</b>	8.0	6.3
<b>5</b>	10.0	7.2
<b>2</b>	11.4	8.5

**Ranges for Humphrey-Hawkins Hearings <sup>4</sup>**

	<b>Avg Dly Rng</b>	<b>Avg 30 Min Rng <sup>5</sup></b>
<b>30</b>	7.7	4.2
<b>10</b>	9.1	5.4
<b>5</b>	11.1	7.1
<b>2</b>	12.1	8.4

## Notes:

- 1) Averages Calculated since 01/31/2006
- 2) Daily range is 7am - 2pm CT
- 3) 15min range is time of release - 1:30 pm CT
- 4) Calculated since Bernanke began as Chairman
- 5) 30min range is time of release - 9:30am CT

**Objective of the Monetary Policy**

The objective of the monetary policy is to maintain the stability of the value of the currency and thereby promote economic growth.

**Management Team of PBC**

**Zhou Xiaochuan** Chairman, Monetary Policy Committee

**Su Ning** Deputy Governor

**Wang Hongzhang** Chief Disciplinary Officer

**Hu Xiaolian** Deputy Governor, and Administrator of State Administration of Foreign Exchange (SAFE)

**Liu Shiyu** Deputy Governor

**Ma Delun** Deputy Governor

**Yi Gang** Deputy Governor

**Du Jinfu** Assistant Governor

**Li Dongrong** Assistant Governor

**Guo Qingping** Assistant Governor

**The PBC** was established on December 1, 1948 based on the consolidation of the former Huabei Bank, Beihai Bank and Xibei Farmer Bank.

In September 1983, the State Council decided to have the PBC function as a central bank.

The Law of the People's Republic of China on the People's Bank of China passed by the Third Plenum of the Eighth National People's Congress on March 18, 1995 legally confirmed the PBC's central bank status.

In March 2003, the First Plenum of the Tenth National People's Congress approved the Decision on Reform of the Organizational Structure of the State Council, separating the supervisory responsibilities of the PBC for the banking institutions, asset management companies, trust and investment companies and other depository financial institutions. Instead, the China Banking Regulatory Commission was established to supervise the financial industry.

On December 27, 2003, the Standing Committee of the Tenth National People's Congress approved at its Sixth Meeting the amendment to the Law of the People's Republic of China on the People's Bank of China, which has strengthened the role of the PBC in the making and implementation of monetary

**Members of the Policy Board**

<b>Position</b>	<b>Name</b>	<b>Date of appointment</b>
Governor of the Bank of Japan	<a href="#">Masaaki Shirakawa</a>	Apr.09, 2008
Deputy Governor of the BOJ	<a href="#">Mr. Hirohide Yamaguchi</a>	Oct. 27, 2008
Deputy Governor of the BOJ	<a href="#">Kiyohiko G. Nishimura</a>	Mar.20, 2008
Member of the Policy Board	<a href="#">Miyako Suda</a>	Apr.1, 2006
Member of the Policy Board	<a href="#">Atsushi Mizuno</a>	Dec.3, 2004
Member of the Policy Board	<a href="#">Tadao Noda</a>	Jun.17, 2006
Member of the Policy Board	<a href="#">Seiji Nakamura</a>	Apr.5, 2007
Member of the Policy Board	<a href="#">Hidetoshi Kamezaki</a>	Apr.5, 2007

The Bank of Japan, as the central bank of Japan, decides and implements monetary policy with the aim of maintaining **price stability**.

The Bank of Japan Law states that the Bank's monetary policy should be "aimed at, through the pursuit of price stability, contributing to the sound development of the national economy."

The Bank releases its views on economic and financial developments, which form the basis of the decision on the guideline for money market operations, in "The Bank's View" in the Monthly Report of Recent Economic and Financial Developments.

**Bank of Japan Meetings****Date of Annmmt**

Jan. 2009	1/22/2009
Feb.	2/19/2009
Mar.	3/17/2009
Apr.	4/7/2009
May	5/22/2009
June	6/16/2009
July	7/15/2009
Aug.	8/11/2009
Sep.	9/17/2009
Oct.	10/14/2009
Nov.	11/20/2009
Dec.	12/18/2009

**The Governing Council (21)**

**Jean-Claude Trichet** , President of the ECB

**Lucas D. Papademos**, Vice-President of the ECB

**Lorenzo Bini Smaghi** ,Member of the Executive Board of the ECB

**José Manuel González-Páramo** , Member of the Executive Board of the ECB

**Jürgen Stark**, Member of the Executive Board of the ECB

**Gertrude Tumpel-Gugerell**, Member of the Executive Board of the ECB

**Guy Quaden** , Governor, Nationale Bank van België/Banque Nationale de Belgique

**Axel A. Weber**, President, Deutsche Bundesbank

**John Hurley** , Governor, Central Bank and Financial Services Authority of Ireland

**Georgios Provopoulos** , Governor, Bank of Greece

**Miguel Fernández Ordóñez**, Governor, Banco de España

**Christian Noyer**, Governor, Banque de France

**Mario Draghi**, Governor, Banca d'Italia

**Athanasios Orphanides**, Governor, Central Bank of Cyprus

**Yves Mersch**, Governor, Banque centrale du Luxembourg

**Michael C. Bonello**, Governor, Central Bank of Malta

**Nout Wellink** , President, De Nederlandsche Bank

**Ewald Nowotny**, Governor, Oesterreichische Nationalbank

**Vítor Manuel Ribeiro Constâncio**, Governor, Banco de Portugal

**Marko Kranjec** , Governor, Banka Slovenije

**The Governing Council usually meets twice a month at the Eurotower in Frankfurt am Main, Germany.**

At its first meeting each month, the Governing Council assesses monetary and economic developments and takes its monthly monetary policy decision. At its second meeting, the Council discusses mainly issues related to other tasks and responsibilities of the ECB and the Eurosystem.

The minutes of the meetings are not published, but the monetary policy decision is announced at a press conference held shortly after the first meeting each month. The President, assisted by the Vice-President, chairs the press conference.

**EU Central Banks****EUROZONE (16):**

Austria: Oesterreichische Nationalbank

Belgium: Nationale Bank van België/Banque nationale de Belgique

Cyprus: Kentrike Trapeza tis Kyprou

Finland: Suomen Pankki/Finlands Bank

France: Banque de France

Germany: Deutsche Bundesbank

Greece: Bank of Greece

Ireland: Banc Ceannais na hÉireann / Central Bank of Ireland

Italy: Banca d'Italia

Luxembourg: Banque Centrale du Luxembourg

Malta: Central Bank of Malta

Netherlands: De Nederlandsche Bank

Portugal: Banco de Portugal

Slovenia: Banka Slovenije

Slovakia: Národná Banka Slovenska

Spain: Banco de España

**NON-EUROZONE (12):**

Bulgaria: Bulgarian National Bank

Czech Republic: Česká národní banka

Denmark: Danmarks Nationalbank

Estonia: Eesti Pank

Hungary: Magyar Nemzeti Bank

Latvia: Latvijas Banka

Lithuania: Lietuvos Bankas

Poland: Narodowy Bank Polski



**EU Central Banks**

Austria, Oesterreichische Nationalbank	Ewald Nowotny, Oesterreichische Nationalbank (Austria), ECB governing council.
Belgium, Nationale Bank van België/Banque Nationale de Belgique	Guy Quaden, ECB Governor, Nationale Bank van België/Banque Nationale de Belgique, ECB governing council.
Bulgaria, Bulgarian National Bank	Ivan Iskrov
Czech, Republic Česká národní banka	Zdeněk Tůma
Cyprus, Central Bank of Cyprus	Athanasios Orphanides, ECB Governing Council Member, ECB governing council.
Denmark, Danmarks Nationalbank	Nils Bernstein
Estonia, Eesti Pank	Andres Lipstok
Éire/Ireland, Central Bank and Financial Services Authority of Ireland	John Hurley, ECB Governor, Central Bank and Financial Services Authority of Ireland, ECB governing council.
Finland, Suomen Pankki - Finlands Bank	Erkki Liikanen, ECB Governor, Suomen Pankki - Finlands Bank, ECB governing council.
France, Banque de France	Christian Noyer, ECB Governor, Banque de France, ECB governing council.
Germany, Deutsche Bundesbank	Axel A. Weber, President, Deutsche Bundesbank, ECB governing council.
Greece, Bank of Greece	Georgios Provopoulos, Governor, Bank of Greece, ECB governing council.
Hungary, Magyar Nemzeti Bank	András Simor
Italy, Banca d'Italia	Mario Draghi, Governor, Banca d'Italia, ECB governing council.
Latvia, Latvijas Banka	Ilmārs Rimšēvičs
Lithuania, Lietuvos bankas	Reinoldijus Šarkinas
Luxembourg, Banque centrale du Luxembourg	Yves Mersch, ECB Governor, Banque centrale du Luxembourg, ECB governing council.
Malta, Central Bank of Malta	Michael C. Bonello, ECB governing council.
The Netherlands, De Nederlandsche Bank	Nout Wellink, President, De Nederlandsche Bank, ECB governing council.
Poland, Narodowy Bank Polski	Slawomir Skrzypek
Portugal, Banco de Portugal	Vitor Manuel Ribeiro Constâncio, Governor, Banco de Portugal, ECB governing council.
Romania, Banca Națională a României	Mugur Isărescu
Slovakia, Národná banka Slovenska	Marko Kranjec, Governor, Banka Slovenije, ECB governing council.
Spain, Banco de España	Miguel Fernández Ordóñez, Governor, Banco de España, ECB governing council.
Sweden, Sveriges Riksbank	Stefan Ingves
United Kingdom, Bank of England	Mervyn King

**Board Members**

Jean-Claude Trichet, President of the ECB, came from Banque de France, BIS, and World Bank  
 Lucas D. Papademos, Vice-President of the ECB, came from Bank of Greece  
 Lorenzo Bini Smaghi, Member of the Executive Board of the ECB, came from Banca d'Italia  
 José Manuel González-Páramo, Member of the Executive Board of the ECB, came from Banco de España  
 Jürgen Stark, Member of the Executive Board of the ECB, came from Deutsche Bundesbank  
 Gertrude Tumpel-Gugerell, Member of the Executive Board of the ECB, came from Oesterreichische Nationalbank

**Notes :**

Represented on the Governing Council

Represented on the General Council



Photo: Martin Joppen

### Governing Council of the European Central Bank, 2009

Front row (left to right): John Hurley, Michael C. Bonello, Gertrude Tumpel-Gugerell, Jean-Claude Trichet, Lucas D. Papademos, Miguel Fernández Ordóñez, Yves Mersch

Middle row (left to right): Christian Noyer, Marko Kranjec, Vítor Manuel Ribeiro Constâncio, George A. Provopoulos, Erkki Liikanen, Ewald Nowotny

Back row (left to right): Ivan Šramko, José Manuel González-Páramo, Axel A. Weber, Nout Wellink, Guy Quaden, Lorenzo Bini Smaghi, Jürgen Stark

Note: Mario Draghi and Athanasios Orphanides were not available when the photograph was taken.

#### Board Members

Jean-Claude Trichet , President of the ECB, came from Banque de France, BIS, and World Bank

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Gertrude Tumpel-Gugerell, Member of the Executive Board of the ECB, came from Oesterreichische Nationalbank

**Introductory statement**

**Jean-Claude Trichet, President of the ECB,  
Lucas Papademos, Vice President of the ECB  
Frankfurt am Main, 5 February 2009**

Ladies and gentlemen, the Vice-President and I are very pleased to welcome you to today's press conference. We will now report on the outcome of today's meeting of the Governing Council, which was also attended by Commissioner Almunia.

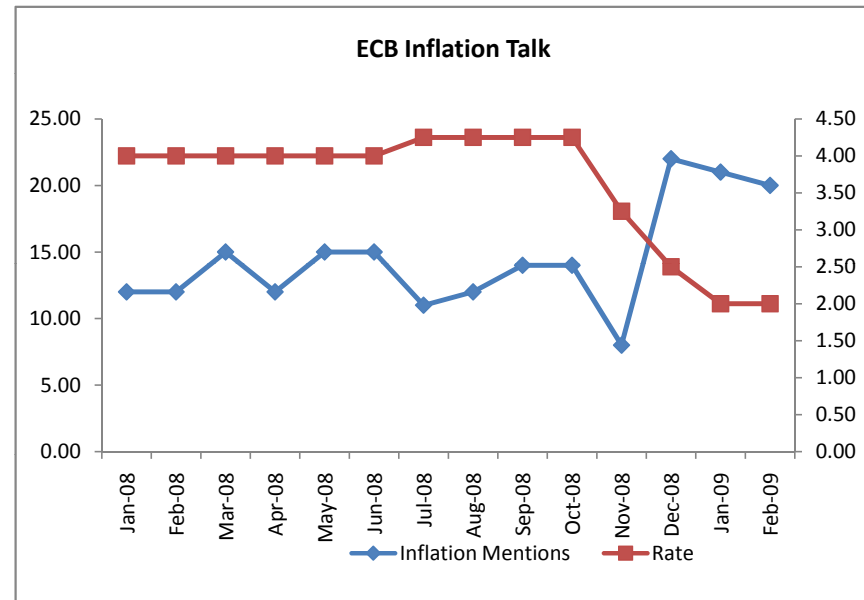
On the basis of its regular economic and monetary analyses, at today's meeting the Governing Council decided to leave the key ECB interest rates unchanged. As anticipated in our interest rate decision of 15 January 2009, the latest economic data and survey information confirm that the euro area and its major trading partners are undergoing an extended period of significant economic downturn, and that accordingly both external and domestic inflationary pressures are diminishing. We continue to expect inflation rates in the euro area to be in line with price stability over the policy-relevant medium-term horizon, thereby supporting the purchasing power of euro area households. This assessment is supported by available indicators of inflation expectations for the medium term. It is also confirmed by the further deceleration in monetary and credit growth in the euro area. Fully in line with its primary objective, the Governing Council will continue to keep inflation expectations firmly anchored in accordance with its definition of price stability, that is inflation rates of below, but close to, 2% over the medium term. This supports sustainable growth and employment and contributes to financial stability. Overall, the level of uncertainty remains exceptionally high. Accordingly, we will continue to monitor very closely all developments over the period ahead.

[...] [SOURCE: The ECB]

**Inflation Talk**

Number of times the word inflation was mentioned in the full statement vs Rates

Date	Inflation Mentions	Rate
Jan-2008	12.00	4.00
Feb-2008	12.00	4.00
Mar-2008	15.00	4.00
Apr-2008	12.00	4.00
May-2008	15.00	4.00
Jun-2008	15.00	4.00
Jul-2008	11.00	4.25
Aug-2008	12.00	4.25
Sep-2008	14.00	4.25
Oct-2008	14.00	4.25
Nov-2008	8.00	3.25 (Cut .50 ~ 10/09 and 11/06)
Dec-2008	22.00	2.50
Jan-2009	21.00	2.00
Feb-2009	20.00	2.00



\*Most comments about inflation in Dec 08 where in regards to the LACK-OF inflation. Same for January...most comments about inflation were about the LACK-OF inflation.

Current Bank Rate 1.0 %  
Next due: 05 Mch 2009

Current Inflation 3.1%  
Next due: 17 Feb 2009

**Inflation Target 2.0%**  
**Next due: 13 May 2009**

**Schedule for 2009**

MPC Decision	MPC Minutes	Inflation Report
7 & 8 January	21-Jan	
4 & 5 February	18-Feb	11-Feb
4 & 5 March	18-Mar	
8 & 9 April	22-Apr	
6 & 7 May	20-May	13-May
8 & 9 June	18-Jun	
8 & 9 July	22-Jul	
5 & 6 August	19-Aug	12-Aug
9 & 10 September	23-Sep	
7 & 8 October	22-Oct	
4 & 5 November	18-Nov	11-Nov
9 & 10 December	23-Dec	

**News Release**

**Bank of England Reduces Bank Rate by 0.5 Percentage Points to 1.0%**

5 February 2009

The Bank of England's Monetary Policy Committee today voted to reduce the official Bank Rate paid on commercial bank reserves by 0.5 percentage points to 1.0%.

The global economy is in the throes of a severe and synchronised downturn. Output in the advanced economies fell sharply in the fourth quarter of 2008, and growth in the emerging market economies appears to have slowed markedly. Business and household sentiment in many countries has deteriorated. The weakness of the global banking and financial system means that the supply of credit remains constrained.

In the United Kingdom, output dropped sharply in the fourth quarter of 2008 and business surveys point to a similar rate of decline in the early part of this year. Credit conditions faced by companies and households have tightened further. The underlying picture for consumer spending appears weak.

Businesses have responded to the worsening outlook by running down inventories, cutting production, scaling back investment plans and shedding labour. The Committee welcomed the Government's latest measures to tackle the problems in the banking system, including the creation of an Asset Purchase Facility to buy high-quality corporate debt and similar assets.

CPI inflation fell to 3.1% in December. Pay pressures have diminished. But sterling has continued to depreciate, boosting the cost of imports. Inflation is expected to fall to below the 2% target by the second half of the year, reflecting waning contributions from retail energy and food prices and the direct impact of the temporary reduction in Value Added Tax. But the impact of changes in the rate of Value Added Tax, and the gradual pass-through of the depreciation in sterling, mean the path may be somewhat volatile.

At its February meeting, the Committee noted that, although the transmission mechanism of monetary policy was impaired, the past cuts in Bank Rate would in due course nevertheless have a significant impact. Together with the recent easing in fiscal policy, the substantial fall in sterling and past falls in commodity prices, that would provide a considerable stimulus to activity as the year progressed. Nevertheless, the Committee judged that there remained a substantial risk of undershooting the 2% CPI inflation target in the medium term at the existing level of Bank Rate. Accordingly, the Committee concluded that a further reduction in Bank Rate of 0.5 percentage points to 1.0% was warranted this month.

The Committee's latest inflation and output projections will appear in the Inflation Report to be published on Wednesday 11 February.

The minutes of the meeting will be published at 9.30am on Wednesday 18 February. [Source: BOE]

## VOTING BY THE MONETARY POLICY COMMITTEE - 1997 TO PRESENT DATE

	Voted to Increase	Voted to Reduce	Voted to Maintain	Meetings Attended
Mervyn King	30	21	90	141
Paul Tucker	13	8	59	80
Charles Bean	8	20	73	101
Kate Barker	11	18	64	93
Sir John Gieve	6	9	21	36
David Blanchflower	1	17	14	32
Tim Besley	10	6	13	29
Andrew Sentance	8	6	14	28
Spener Dale	0	4	3	7
<b>Totals</b>	<b>87</b>	<b>109</b>	<b>351</b>	<b>547</b>

547 Sum Check

## VOTING BY THE MONETARY POLICY COMMITTEE - 2009

	Voted to Increase	Voted to Reduce	Voted to Maintain	Meetings Attended
Mervyn King, Governor	0	1	0	1
Paul Tucker	0	1	0	1
Charles Bean, Deputy Governor	0	1	0	1
Kate Barker	0	1	0	1
Sir John Gieve, Deputy Governor	0	1	0	1
David Blanchflower	0	1	0	1
Tim Besley	0	1	0	1
Andrew Sentance	0	1	0	1
Spencer Dale	0	1	0	1

RET 01/03/09

## VOTING BY THE MONETARY POLICY COMMITTEE - 2008

	Voted to Increase	Voted to Reduce	Voted to Maintain	Meetings Attended	Comment	Comment
Mervyn King, Governor	0	5	7	12		
Rachel Lomax	0	2	4	6	RET	Dep Governor
Paul Tucker	0	5	7	12		
Charles Bean	0	5	7	12		Dep Governor
Kate Barker	0	5	7	12		
Sir John Gieve	0	6	6	12		Dep Governor
David Blanchflower	0	12	0	12	Will Retire in May 2009	
Tim Besley	2	4	6	12		
Andrew Sentance	0	4	8	12		
Spencer Dale	0	3	3	6		

## Interest Rates in 2008

Increased 0 times  
 Reduced 5 times  
 Maintained 7 times

Lomax retires, 30 June 2008  
 Bean takes over Deputy Governor, 01 July 2008  
 Spencer Dale joins MPC, 01 July 2008  
 Paul Fisher replaces tucker 01 March 2009  
 \*Fisher, currently head of BoE's FX division.

### 16 Member States of the European Union use the euro as their currency

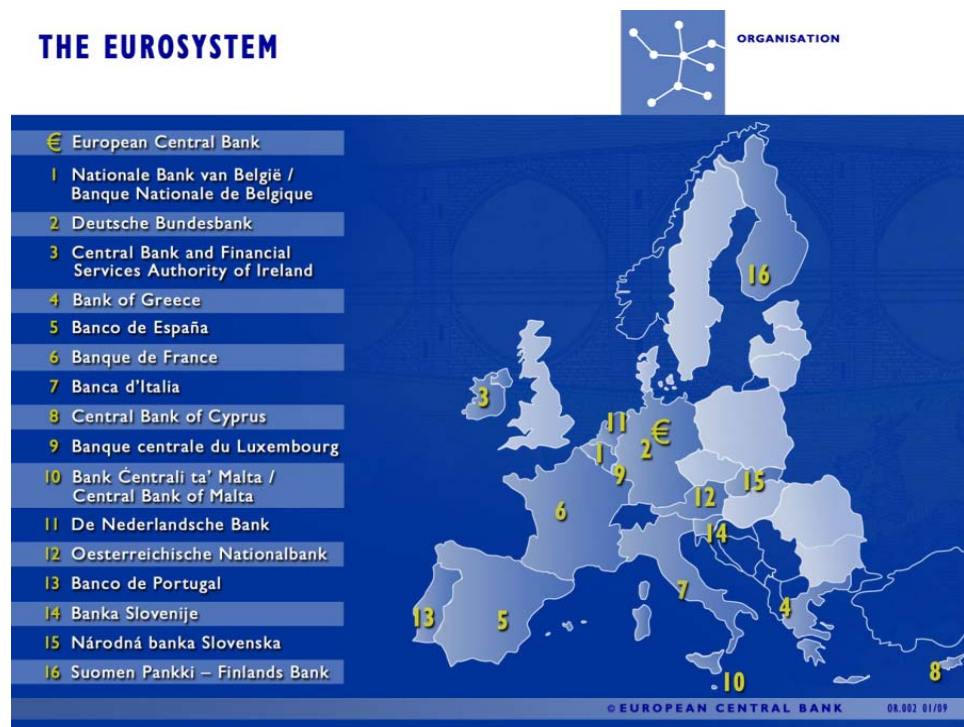
Belgium  
Germany  
Ireland  
Greece  
Spain  
France  
Italy  
Cyprus  
Luxembourg  
Malta  
The Netherlands  
Austria  
Portugal  
Slovenia  
Slovakia  
Finland

### Non-participants

Bulgaria, Czech Republic, Denmark, Estonia, Latvia, Lithuania, Hungary, Poland, Romania, Sweden and the United Kingdom are EU Member States but do not currently use the single European currency.

[SOURCE: The ECB. Last updated January 02, 2009]

## THE EUROSISTEM

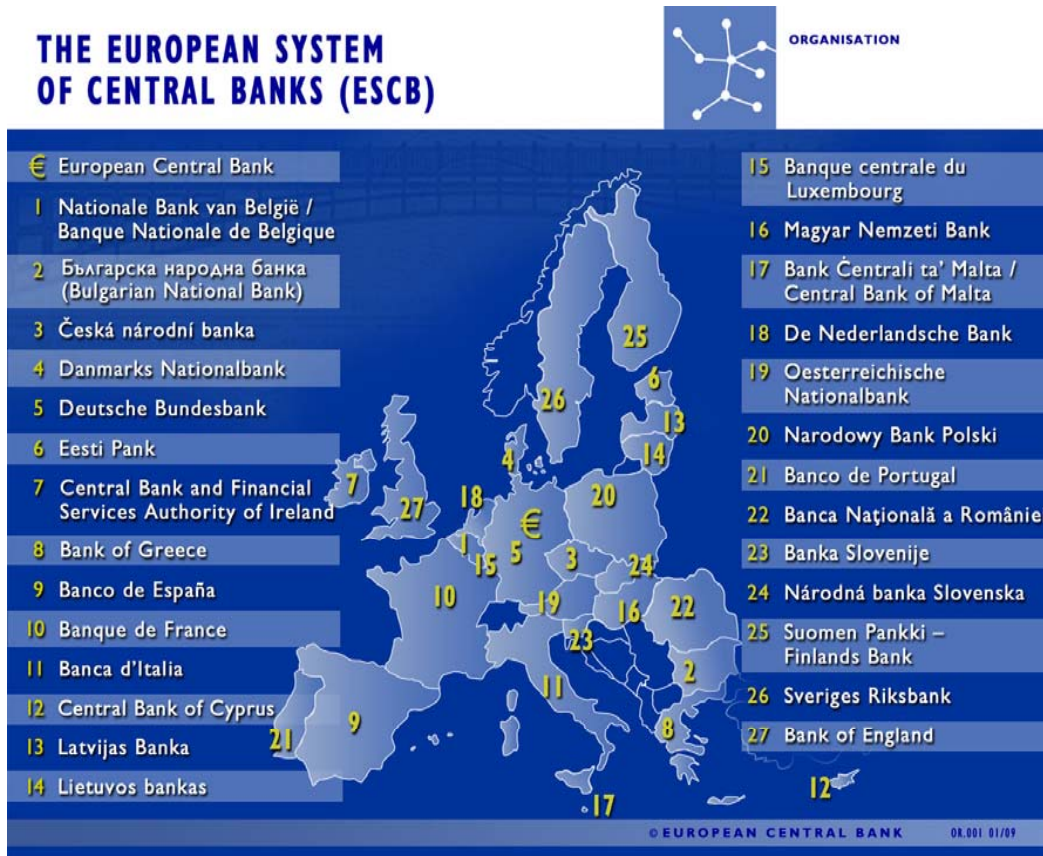


### Country breakdown

On 1 January 2008 two countries accounted for 44% (3,483) of all MFIs [monetary financial institutions] in the euro area: Germany (26.6%) and France (17.6%). Italy and Austria each accounted for about 10% of the euro area total. Over the last nine years (1999-2008), the following developments in the national MFI sectors of euro area countries have been particularly noteworthy: a considerable increase of 236 units (246%) in Ireland and large decreases in the Netherlands, Spain and Germany (by 48%, 41% and 36% respectively). Since joining the EU on 1 May 2004, the MFI sectors in Malta and Slovenia have increased significantly, namely by 65% and 11% respectively. By contrast, the number of MFIs in Cyprus has decreased by 47% during the same period.

Among the non-euro area countries, Poland has by far the largest number of MFIs (722), representing 7% of the MFI sector in the EU. Since 1999 there have been substantial increases in the MFI sectors of Slovakia (36%), Latvia (33%), Sweden (31%) and Romania (26%), while the size of these sectors in the United Kingdom and the Czech Republic has shrunk by 24% and 15%, respectively.

[SOURCE: The ECB]



### The European System of Central Banks

- 1) the European Central Bank (ECB) and
  - 2) the national central banks (NCBs) of all 27 EU Member States
- [source: the ecb]

Table 2 Overview of the comparability of selected indicators

Euro area headline indicators	To be compared with	Assessment	
		United States	Japan
HICP	CPI excluding imputed rents	Comparable (product coverage similar to HICP definition)	Comparable (product coverage similar to HICP definition)
GDP	Headline	Almost comparable (nominal GDP: slight deviations for the treatment of software expenditure, shadow economy, military expenditure, FISIM; GDP volume change: slight deviations for the treatment of quality changes, non-market sectors output and the choice of index number)	Comparable
Consumption	Headline	Comparable	Comparable
Investment	Headline adjusted (US)	More comparable (after adjustment for the treatment of military weapons but no adjustment for the treatment of software capitalisation)	Comparable
Unit labour costs	Headline adjusted (US)	Comparable (after adjustments for volume changes of GDP; expansion of the non-farm business to the whole economy and use of persons employed instead of number of hours worked for employment definition)	Information not available
Labour cost index	None	Not comparable (different definition: euro area indicator refers to changes in costs of labour per hour using recent industry and country weights whereas US indicator describes changes in employer costs for a fixed basket of labour eliminating compositional changes)	Information not available
Unemployment	Headline	Almost comparable (unemployment statistics derived from a household survey in line with ILO guidelines but differences in the sample period, target population, treatment of temporary lay-offs and age limit definition)	Almost comparable (unemployment statistics derived from a household survey in line with ILO guidelines but differences in the sample period, target population and age limit definition)
Employment:	Labour force survey employment (US) Headline (Japan)	More comparable (employment definition based on persons employed but no adjustment for the treatment of the shadow economy)	Almost comparable (but no adjustment for the treatment of the shadow economy)
Bank credit	Headline adjusted (US)	Comparable (after adjustment for the banking sector coverage)	Not comparable (no possible adjustment)
Debt security	None	Not comparable (different valuation, sector and instrument coverage)	Information not available
MFI interest rates to households for house purchases	None	Not comparable (different definition, banking sector coverage and calculation methods)	Not comparable (different definition).
Households' indebtedness	Headline adjusted (US) Headline (Japan)	More comparable (after adjustment of the households' gross disposable income but no adjustment for the exclusion in households of sole proprietorships and most partnerships without independent legal status)	Comparable

Source: ECB

<http://www.ecb.int/pub/pdf/mobu/mb200504en.pdf>

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**2007**09/20/2007

Lockhart's first speech indicates he's a moderate/hawk

10/23/2007

Northern Trust says Chicago Fed Pres Evans is dovish

[A note from Jim: I'll move Evans from a Hawk to a Moderate. I'm not convinced someone under Moskow's tutelage is a Dove.]

10/31/2007

Move Hoening to Moderate from Dove after dissent.

12/11/2007

Move Rosengren to a Moderate/Dove for his dissent for a 50bp discount rate cut compared to the 25 bp cut the rest voted for. He was a Moderate/Hawk.

**2008**02/29/2008

More dovish comments from Rosengren. (Comments took place at the Monetary Policy Forum titled 'Leveraged Losses: Lessons from a Mortgage Market Meltdown' in New York)

09/29/2008

Mishkin, gives dovish comments at the Monetary Policy Forum titled 'Leveraged Losses: Lessons from a Mortgage Market Meltdown' in New York. I'll place him in the moderate/dove camp.

06/06/2008: St. Louis Fed President James Bullard "policy is appropriately calibrated at this time but financial mkts are better and thus policy can begin to address pressing inflationary concerns during the remainder of the yr."

"U.S. economy will be able to post stronger growth in the second half of this year despite the ongoing financial crisis and the drag from the housing sector... such growth is likely to make the inflation outlook a more pressing concern for the Fed in the second half of this year."

"breakdown in inflation expectations has not occurred yet, to be sure, but the risk is real and could happen over a very short horizon."

I'll begin Bullard as Moderate Hawk after this speech. Also, his predecessor was moderate/hawk

**2008 (cont)**06/11/2008

Bullard

"what is new here is relative price trends in food and energy that may plausibly be expected to persist for some time. If it were just a matter of the food and energy components being volatile, I think a theoretical case could be made that these prices contain too much noise and so should be ignored... With relative price trends, the ad hoc approach to this question is becoming increasingly untenable."

"likelihood of a measurable contraction in growth this yr has lessened. These conditions complicate the infl outlook, in which significant econ slack had been seen as helping to keep inflation in check."

09/03/2008

Bullard give hawkish speech stating that lowering rates no wouldn't help. He said this the day before the House votes on the Bail out bill and the financial system is on the brink of collapse. I'm switching him from Moderate/Dove to Moderate/Hawk.

04/30/2008

Removal of key statements. The street is interpreting as pause mode. Therefore, I'll move from 'Easing Bias' to 'Pause' (On Hold).

Even after the morning news articles, on May 1st, from Ip and Beckner, I'll stick with On Hold (Pause) until the June meeting.

06/25/2008

Statement is being interpreted as On Hold by the street.