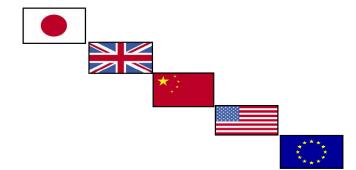
### The Morning Email: Central Banks

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#### Recent Updates

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If you see the color TAN on any page, then, it was updated in the last day or two.

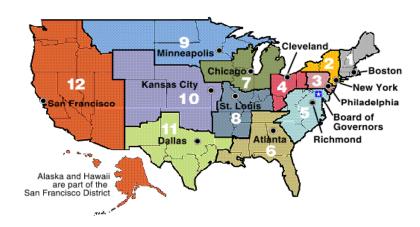
Want something added? Let me know: jgoulding@ghco.com

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.

7/15/2009 5:35 The FOMC: Dates and Places Pg 1

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

7/15/2009 5:35 The FOMC: People Pg 2

Born ^	2009 Voting Members	Policy Inclination	Term Expires	Took Office	Comment
Dec-1953	Ben S. Bernanke, Chairman, Board of Govs	Moderate/Dove	1/31/2020	02/01/2006	
Nov-1942	Donald L. Kohn, Vice Chairman Board of Govs	Moderate/Hawk	1/31/2016	08/05/2002	
Jul-1952	Elizabeth Duke, Board of Govs	No bias yet	1/31/2012	08/05/2008	
Jun-1962	Randall S. Kroszner, Board of Govs	Moderate/Dove	1/31/2008	03/01/2006	
Nov-1952	Daniel K. Tarullo, Board of Govs	No bias yet	1/31/2022	01/28/2009	
Apr-1970	Kevin M. Warsh, Board of Govs	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]

Source: federalreserve.gov Jim Goulding, jgoulding@ghco.com

The Morning Email: Central Banks

		Rotation		1
	2008	2009	2010	1
	New York	New York	New York	
	Cleveland	Chicago	Cleveland	
Members	Philadelphia	Richmond	Boston	
	Dallas	Atlanta	St. Louis	Committee
	Minneapolis	SF	KC	membershi changes at the firs
	New York†	New York†	New York†	regularly schedule
Alternate	Chicago	Cleveland	Chicago	meeting of the year
Members	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

#### "QE = the purchase of longer-dated government securities financed by increasing the monetary base..."

		Last Rate	
Central Bank	Rate (%) Benchmark	Change	Amount
Bank of England (BOE)	0.50 Repo Rate	3/5/2009	(0.50)
European Central Bank (ECB)	1.00 Refi min bid	5/7/2009	(0.25)
US Federal Reserve Bank	0 - 0.25 Fed Funds	12/16/2008	(0.75)
Bank of Japan (BOJ)	0.10 O / N Call Rt	10/31/2008	(0.30)
Bank of Canada (BOC)	0.25 O / N Rate	4/21/2009	(0.25)
Swiss National Bank (SNB)	.00 - 0.750 3-Mth Libor	3/12/2009	(0.25)
Reserve Bank of Australia	3.00 Cash Rate	4/7/2009	(0.25)
Reserve Bank of New Zealand	2.50 OCR	4/30/2009	(0.50)
		mm/dd/yyyy	

<u>BOE</u>: 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.;03/05/2009 BOE cuts to .50 and states they will be buying bonds/gilts etc. QE begins.

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. 3/18/2008: FRB announces QE with focus on 2-10 part of the curve.

<u>BOJ</u>: 02/19/2009: Plans to begin the outright purchase of corporate bonds. Will begin March to Sep '09. Up to JPY 1 trn of issues A-rated and above. Also expands Special Funds-Supplying Operations and a series of other existing credit-easing measures. This is a quantitative-easing program.

03/17/2009: BOJ will increase its monthly Rinban JGB buying operation. 04/07/2009: BOJ expands QE to include Munis.

ECB: 10/09/2008: Changed from 'Ease Possible' after global coordinated rate cuts to 'Ease Bias' 05/07/2009: QE annond

III SEC	unities illiante	ed by increasing the monetar	y base		
	Next		Policy	1 Month	
	Meeting	Market Expectations	Strategy	OIS Rates	
BOE	8/6/2009	QE *	Price Stability	0.424	BOE
ECB	8/6/2009	Ease Bias + QE	Price Stability	0.388	ECB
FRB	8/12/2009	QE *	Price Stblty/Full emplymnt	0.177	FRB
BOJ	7/15/2009	QE *	Price Stability	0.135	BOJ ^
BOC	7/21/2009	QE *	Price Stability / ICT		вос
SNB	9/17/2009	QE *	Price Stability		SNB
RBA	8/4/2009	On Hold / Ease Bias	Price Stability / ICT		RBA
RBNZ	7/30/2009	Ease Bias	Price Stability / ICT		RBNZ
	mm/dd/yyyy				

<sup>\*</sup> Quantitative Easing

BOC: 10/21/2008: Changed from 'Ease Possible' to Ease Bias after 10/08/2008 global coordinated cuts and 10/21/2008 .25 cut. 03/03/2009: Cut 50bps & quantitiative easing if required

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' 11/20/2008: Surprise 100 bp cut. 12/11/08: First to ZIRP; 03/12/2009: QE begins, "...the SNB will buy foreign currency and bonds seeing a spike to Chf." 06/18/2009: Will try and bring policy to lower end of 00 - 0.75 range (0.25

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); 03/03/2009: Unched. 04/08/2009: cut (0.25). 05/05/2009: Unched. Change bias to On Hold? 06/16/2009: On Hold, but with Ease bias.

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...

#### 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

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/yyy

#### Ranges for FOMC Meetings <sup>1</sup> Avg Dly Rng <sup>2</sup> Avg 15 Min Range <sup>3</sup>

Jan-00	8.4	7.3
Jan-00	9.6	8.1
Jan-00	10.7	8.2
Jan-00	11.2	8.6

Ranges for Humphrey-Hawkins Hearings  $^4$  Avg Dly Rng Avg 30 Min Rng  $^5$ 

Jan-00	8.1	4.4
Jan-00	9.8	5.5
Jan-00	11.4	6.7
Jan-00	11.4	7.5

#### 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

7/15/2009 5:35 PBOC Pg 5

#### **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

7/15/2009 5:35 BOJ

#### **Members of the Policy Board**

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

#### Bank of Japan Meetings Date of Anncmnt

Dute of Millionine
1/22/2009
2/19/2009
3/17/2009
4/7/2009
5/22/2009
6/16/2009
7/15/2009
8/11/2009
9/17/2009
10/14/2009
11/20/2009
12/18/2009

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.

The ECB : People, Objectives

# 7/15/2009 5:35 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

Pa 7

Belaiaue

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 Banks 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

\_\_\_

Source: ecb.int

7/15/2009 5:35	The ECB: Banks	Pg 8	
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 Service	s 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		Sławomir Skrzypek	
Portugal, Banco de Portugal		Vítor Manuel Ribeiro Constâncio, Governor, Banco de Portugal, ECB governing council.	
Romania, Banca Naţională a României	Romania, Banca Naţională a României Mugur Isărescu		
Slovakia, Národná banka Slovenska	lovakia, 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	
Doord Momboro			

#### **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

7/15/2009 5:35 The ECB: Statement Pg 10

#### Jean-Claude Trichet, President of the ECB, Lucas Papademos, Vice President of the ECB Luxembourg, 2 July 2009

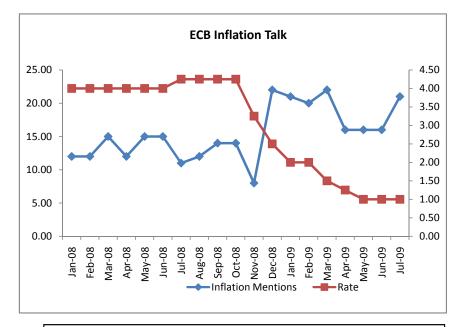
Ladies and gentlemen, the Vice-President and I are very pleased to welcome you to our press conference here in Luxembourg. I would like to thank Governor Mersch for his kind hospitality and to express our special gratitude to his staff for the excellent organisation of the meeting of the Governing Council. We will now report on the outcome of today's meeting of the Governing Council, which was also attended by the President of the Eurogroup, Prime Minister Juncker, and Commissioner Almunia.

On the basis of its regular economic and monetary analyses, the Governing Council decided to leave the key ECB interest rates unchanged. The current rates remain appropriate taking into account all the information and analyses that have become available since our meeting on 4 June 2009. The fall of annual inflation rates into negative territory in June is in line with previous expectations and reflects mainly temporary effects. After a return to positive inflation rates, we expect price developments to remain dampened over the policy-relevant horizon. Recent data releases and survey information provide further indications that economic activity over the remainder of this year is likely to remain weak but should decline less strongly than was the case in the first quarter of 2009. This assessment incorporates adverse lagged effects, such as a further deterioration in labour markets, which are likely to materialise over the coming months. Looking ahead into next year, after a phase of stabilisation, a gradual recovery with positive quarterly growth rates is expected by mid-2010. Available indicators of inflation expectations over the medium to longer term remain firmly anchored in line with the Governing Council's aim of keeping inflation rates below, but close to, 2% over the medium term. The outcome of the monetary analysis corroborates the assessment of low inflationary pressure, as money and credit indicators continue to be weak. Against this background, we expect the current episode of extremely low or negative inflation rates to be short-lived and price stability to be maintained over the medium term, thereby continuing to support the purchasing power of euro area households. [....] [SOURCE: The ECB]

#### Inflation Talk

Number of times the word inflation was mentioned in the <u>full</u> statement vs Rates

	Inflation		
<u>Date</u>	<b>Mentions</b>	<u>Rate</u>	
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	
Mar-2009	22.00	1.50	
Apr-2009	16.00	1.25	
May-2009	16.00	1.00	
Jun-2009	16.00	1.00	
Jul-2009	21.00	1.00	



\*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.

#### The BOE - Dates, Rates, and Statement

Current Bank Rate 0.5 % Next due: 06 Aug 2009
Current Inflation 1.8% Next due: 18 Aug 2009
Inflation Target 2.0% Next due: 12 Aug 2009

	Schedule for	2009
MPC	MPC	Inflation
Decision	Minutes	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
3 & 4 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 Maintains Bank Rate at 0.5% and continues with £125 Billion Asset Purchase Programme

9 July 2009

The Bank of England's Monetary Policy Committee today voted to maintain the official Bank Rate paid on commercial bank reserves at 0.5%. The Committee also voted to continue with its programme of asset purchases totalling £125 billion financed by the issuance of central bank reserves.

The Committee expects that the announced programme will take another month to complete. The Committee will review the scale of the programme again at its August meeting, alongside its latest inflation projections.

The minutes of the meeting will be published at 9.30am on Wednesday 22 July.

#### **Note to Editors**

The previous change in Bank Rate was a reduction of 0.5 percentage points to 0.5% on 5 March 2009. A £75 billion programme of asset purchases financed by the issuance of central bank reserves was initiated on 5 March 2009. The programme was increased to a total of £125 billion on 7 May 2009.

Information on the Asset Purchase Facility can be found on the Bank of England website at

http://www.bankofengland.co.uk/monetarypolicy/assetpurchases.htm

Purchases of £112 billion have been made under this facility since its use for monetary policy purposes was first announced after the Committee's March meeting.

[Source: BOE]

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

		JO. OO		
	Voted to	Voted to	Voted to	Meetings
	Increase	Reduce	Maintain	Attended
Mervyn King	30	23	93	146
Paul Tucker	13	10	62	85
Charles Bean	8	22	76	106
Kate Barker	11	20	67	98
Sir John Gieve	6	10	21	37
David Blanchflower	1	19	16	36
Tim Besley	10	8	16	34
Andrew Sentance	8	8	17	33
Spener Dale	0	6	6	12
Paul Fisher	0	1	3	4
David Miles	0	0	1	1
Totals	87	127	378	592
				592

**VOTING BY THE MONETARY POLICY COMMITTEE - 2009** 

	Voted to	Voted to	Voted to	Meetings	
	Increase	Reduce	Maintain	Attended	
Mervyn King, Governor	0	3	3	6	
Paul Tucker, Deputy Governor	0	3	3	6	
Charles Bean, Deputy Governor (01 July)	0	3	3	6	
Kate Barker	0	3	3	6	
Sir John Gieve, Deputy Governor	0	2	0	2	RET
David Blanchflower	0	3	2	5	RET
Tim Besley	0	3	2	5	
Andrew Sentance	0	3	2	5	
Spencer Dale	0	3	3	6	
Paul Fisher	0	1	2	3	
David Miles	0	0	1	1	
Totals	0	27	24	51	

Sum Check

#### **VOTING BY THE MONETARY POLICY COMMITTEE - 2008**

	Voted to	Voted to	Voted to	Meetings	
	Increase	Reduce	Maintain	Attended	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	1

- --Lomax retires, 30 June 2008
- --Bean takes over Deputy Governer, 01 July 2008
- --Spencer Dale joins MPC, 01 July 2008
- --Paul Fisher replaces Geive, 01 March 2009?
- \*Fisher, currently head of BoE's FX division.
- -- David Miles to take over from Blanchflower from June 1, 2009.
- --GEIVE retires 01 Mch 2009?

Interest Rates in 2008 Increased 0 times Reduced 5 times Maintained 7 times

7/15/2009 5:35 The EU: Who

## 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

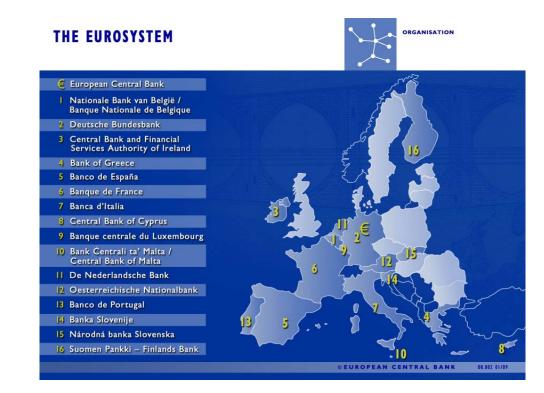
Slovakia

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]



#### 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 (ESCB)





### 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]

Euro area headline To be		Assessment	
indicators	compared with	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 shange: 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
Uzemployment	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).
H cuseholds' 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 Page 65

#### **Notes on Speeches**

#### 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.

<u>06/06/2008</u>: 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."

#### 9/03/2008

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 finanical system is on the brink of collapse. I'm swtiching him from Moderate/Dove to Moderate/Hawk.

#### Jim's Notes:

The US Dollar Index is physically settled on the third Wednesday of the expiration month against six component currencies (euro, Japanese yen, British pound, Canadian dollar, Swedish krona and Swiss franc) in their respective percentage weights in the Index. Settlement rates may be quoted to three decimal places. [ICE]

**Notes on FOMC Meetings** 

#### 7/15/2009 5:35

Pg 17

04/30/2008
Removal of key statements. The street is interpreting as pause mode. Therfore, 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.