

FOR RELEASE: 10:00 A.M. (LONDON TIME), FRIDAY, FEBRUARY 12, 2010

The Conference Board®
The U.K. Business Cycle Indicators<sup>SM</sup>

# THE CONFERENCE BOARD LEADING ECONOMIC INDEX<sup>TM</sup> (LEI) FOR THE UNITED KINGDOM

AND RELATED COMPOSITE ECONOMIC INDEXES FOR DECEMBER 2009

BRUSSELS, February 12, 2010... The Conference Board Leading Economic Index<sup>TM</sup> (LEI) for the U.K. increased 0.4 percent, and The Conference Board Coincident Economic Index<sup>TM</sup> (CEI) increased 0.1 percent in December.

- The Conference Board LEI for the U.K. increased again in December as positive contributions from the yield spread and order book volume more than offset a negative contribution from volume of expected output. Between June and December 2009, the leading economic index increased by 5.4 percent (about an 11.2 percent annual rate), faster than the 0.3 percent increase (about a 0.6 percent annual rate) in the first half of 2009. In addition, the strengths among the leading indicators have remained very widespread, with all of the components improving during the past six months.
- The Conference Board CEI for the U.K., a measure of current economic activity, increased in December for the third time in the past four months. Between June and December 2009, the coincident economic index increased by 0.5 percent (about a 1.0 percent annual rate), after falling by 1.0 percent (about a -1.9 percent annual rate) during the previous six months. Additionally, the strengths among the coincident indicators have remained widespread in recent months. At the same time, real GDP grew at a 0.4 percent annual rate during the fourth quarter of 2009, its first increase since the first quarter of 2008.
- After declining from mid-2007 through the first quarter of 2009, The Conference Board LEI for the U.K. has risen sharply during the last three quarters, though the pace of this increase slowed in December. As a result, its six-month growth rate has fallen slightly since October, when it reached its highest rate since 1978. Meanwhile, The Conference Board CEI for the U.K. has been mostly rising since June 2009, and the strengths among its components have become increasingly widespread. Taken together, the recent behavior of the composite indexes suggests that economic conditions will continue to improve in the months ahead.

<u>LEADING INDICATORS.</u> Six of the seven components that make up The Conference Board LEI for the U.K. increased in December. The positive contributors – from the largest positive contributor to the smallest – were the yield spread, order book volume, productivity for the whole economy\*, stock prices, total gross operating surplus of corporations\* and consumer confidence. Volume of expected output was the only negative contributor in December.

The next release is scheduled for Tuesday, March 16, 2010 at 10:00 A.M. (London Time)

In the U.S. – March 16, 2010 at 6:00 A.M. (ET)

With the 0.4 percent increase in December, The Conference Board LEI for the U.K. now stands at 99.0 (2004=100). Based on revised data, this index increased 0.9 percent in November and increased 1.1 percent in October. During the six-month span through December, the leading economic index increased 5.4 percent, with all seven components advancing (diffusion index, six-month span equals 100.0 percent).

<u>COINCIDENT INDICATORS.</u> All four components that make up The Conference Board CEI for the U.K. increased in December. The positive contributors – from the largest positive contributor to the smallest – were real household disposable income\*, industrial production, employment\* and retail sales.

With the increase of 0.1 percent in December, The Conference Board CEI for the U.K. now stands at 102.8 (2004=100). Based on revised data, this index remained unchanged in November and increased 0.1 percent in October. During the six-month period through December, the coincident economic index increased 0.5 percent, with three of the four components advancing (diffusion index, six-month span equals 75.0 percent).

#### **DATA AVAILABILITY:**

The data series used to compute **The Conference Board Leading Economic Index<sup>TM</sup>** (LEI) for the U.K. and **The Conference Board Coincident Economic Index<sup>TM</sup>** (CEI) for the U.K. reported in this release are those available "as of" 10 A.M. ET on Wednesday, February 10, 2010. Some series are estimated as noted below.

\* Series in The Conference Board LEI for the U.K. that are based on our estimates are productivity for the whole economy, and total gross operating surplus of corporations. Series in The Conference Board CEI for the U.K. that are based on our estimates are employment and real household disposable income.

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THE CYCLICAL INDICATOR APPROACH. The composite economic indexes are the key elements in an analytic system designed to signal peaks and troughs in the business cycle. The leading and coincident economic indexes are essentially composite averages of several individual leading or coincident indicators. (See page 3 for details.) They are constructed to summarize and reveal common turning point patterns in economic data in a clearer and more convincing manner than any individual component—primarily because they smooth out some of the volatility of individual components.

Historically, the cyclical turning points in The Conference Board LEI for the U.K. have occurred before those in aggregate economic activity, while the cyclical turning points in The Conference Board CEI for the U.K. have occurred at about the same time as those in aggregate economic activity.

Further explanations of the cyclical indicator approach and the composite economic index methodology appear in The Conference Board's *Business Cycle Indicators* report and website: http://www.conference-board.org/economics/bci/.

### U.K. Composite Economic Indexes: Components and Standardization Factors

<u>Leading Economic Index</u> <u>Factor</u>							
1	Order Book Volume	0.0593					
2	Expected Output Volume	0.0478					
3	Consumer Confidence	0.0993					
4	All Share Price Index	0.0340					
5	Yield Spread	0.0866					
6	Productivity, Whole Economy	0.5549					
7	Operating Surplus, Corporations	0.1181					
Co	Coincident Economic Index						
1	Industrial Production	0.0596					
2	Retail Sales	0.0572					
3	Employment	0.7240					
4	Real Household Disposable Income	0.1592					

#### Notes:

The component factors are inversely related to the standard deviation of the month-to-month changes in each component. They are used to equalize the volatility of the contribution from each component and are "normalized" to sum to 1.

These factors were revised effective with the January 2010 release, and all historical values for the two composite economic indexes were revised at this time to reflect the changes. (Under normal circumstances, updates to the leading and coincident economic indexes only incorporate revisions to data over the past six months.) The factors above for the leading economic index were calculated using 1977-2008 as the sample period for measuring volatility. Separate sets of factors for the 1975-1977 period, the 1974-1975 period, as well as the 1970-1974 period, are available upon request. The factors above for the coincident economic index were calculated using 1992-2008 as the sample period; separate sets of factors for the 1978-1992 period and the 1970-1978 period are available upon request. These multiple sample periods are the result of different starting dates for the component data. When one or more components are missing, the other factors are adjusted proportionately to ensure that their total continues to sum to 1. For additional information on the standardization factors and the index methodology visit our website: http://www.conference-board.org/economics/bci/.

The trend adjustment factor for the leading index is -0.0464, calculated over the 1970-2008 period.

To address the problem of lags in available data, those leading and coincident indicators that are not available at the time of publication are estimated using statistical imputation. An autoregressive model is used to estimate each component. The resulting indexes are constructed using real and estimated data, and will be revised as the data unavailable at the time of publication become available. Such monthly data revisions are now a regular part of the U.S. Business Cycle and Global Indicators program. The main advantage of this procedure is to utilize in the leading economic index the data such as bond yields, stock prices, and change in consumer confidence that are available sooner than other data on "real" aspects of the economy such as housing starts and new orders. Empirical research by The Conference Board suggests there are real gains in adopting this procedure to make all the indicator series as up-to-date as possible.

### **NOTICES**

The next release for The Conference Board Leading Economic Index<sup>TM</sup> (LEI) for the U.K. is:

January 2010 Data Tuesday, March 16, 2010 February 2010 Data Monday, April 12, 2010 March 2010 Data Friday, May 14, 2010 Tuesday, June 15, 2010 April 2010 Data Tuesday, July 13, 2010 May 2010 Data June 2010 Data Tuesday, August 10, 2010 July 2010 Data Friday, September 10, 2010 Wednesday, October 13, 2010 August 2010 Data September 2010 Data Friday, November 12, 2010 October 2010 Data Thursday, December 9, 2010

All releases are at 10:00 A.M. (London Time)

#### ABOUT THE CONFERENCE BOARD

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#### AVAILABLE FROM THE CONFERENCE BOARD

U.K. Business Cycle Indicators Internet Subscription \$ 635 per year (1 user)

(Includes monthly release, data, charts and commentary)

Individual Data Series \$ 35 per series downloaded

Monthly BCI Report \$ 275 per year (Sample available at <a href="http://www.conference-board.org/publications/describeBCI.cfm">http://www.conference-board.org/publications/describeBCI.cfm</a>)

BCI Handbook (published 2001) \$ 20

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#### The Conference Board U.K. Business Cycle Indicators

Table 1.--Summary of U.K. Composite Economic Indexes

				2009			
	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Leading index	93.9	94.6	95.6	96.6 p	97.7 p	98.6 p	99.0 p
Percent change	1.2	0.7	1.1	1.0 p	1.1 p	0.9 p	0.4 p
Diffusion index	85.7	85.7	85.7	92.9	85.7	100.0	85.7
Coincident index	102.3	102.6	102.4 r	102.6 p	102.7 p	102.7 p	102.8 p
Percent change	0.1	0.3	-0.2 r	0.2 p	0.1 p	0.0 p	0.1 p
Diffusion index	75.0	100.0	50.0	87.5	75.0	62.5	87.5
	Dec to	Jan to	Feb to	Mar to	Apr to	May to	Jun to
	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Leading index							
Percent change	0.3	2.0	4.3	6.0 p	6.4 p	6.3 p	5.4 p
Diffusion index	57.1	57.1	71.4	85.7	100.0	100.0	100.0
Coincident index							
Percent change	-1.0	-0.3	-0.2 r	0.1 p	0.3 p	0.5 p	0.5 p
Diffusion index	50.0	50.0	50.0	50.0	50.0	62.5	75.0

p Preliminary. r Revised (noted only for index levels and one-month percent changes).

CALCULATION NOTE: The diffusion indexes measure the proportion of the components that are rising. Components that rise more than 0.05 percent are given a value of 1.0, components that change less than 0.05 percent are given a value of 0.5, and components that fall more than 0.05 percent are given a value of 0.0.

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#### The Conference Board U.K. Business Cycle Indicators

Table 2.--Data and Net Contributions for Components of the U.K. Leading Economic Index

Table 2Data and Net				2009	<u> </u>		
Component	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
_	U.K. Leading Economic Index component data						
Order Book Volume, CBI Monthly Enquiry (3 month moving average)	-54.7	-55.3	-54.7	-53.7	-51.0	-48.0	-46.0
Volume of Expected Output, CBI Monthly Enquiry (3 month moving average)	-22.0	-16.0	-12.0	-7.0	-1.0	2.0	0.3
Consumer Confidence (3 month moving average)	-19.9	-18.3	-16.8	-14.1	-11.5	-8.9	-8.8
Stock prices, FTSE all share prices index (Apr. 10, 1962=100)	2220.4	2232.1	2442.8	2586.3	2650.7	2680.7	2711.9
Yield Spread, 10 years minus Bank Rate	3.2	3.3	3.2	3.2	3.1	3.3	3.4
Productivity, Whole Economy Index (2005=100, Q)	100.2	100.2	100.3	100.4 **	100.4 **	100.5 **	100.6 **
Total Gross Operating Surplus of Corporation (Deflated with IPD, Q)	ons 72056.6	72387.9	72716.5	72944.5 **	73109.0 **	73233.3 **	73332.2 **
LEADING INDEX (2004=100)  Percent change from preceding month	93.9	<b>94.6</b> 0.7	<b>95.6</b> 1.1	<b>96.6</b> p 1.0 p	<b>97.7</b> p 1.1 p	<b>98.6</b> p 0.9 p	<b>99.0</b> p 0.4 p
_		ι	J.K. Leading Ed	conomic Index r	et contributio	ns	
Order Book Volume, CBI Monthly Enquiry (3 month moving average)		-0.04	0.04	0.06	0.16	0.18	0.12
Volume of Expected Output, CBI Monthly Enquiry (3 month moving average)		0.29	0.19	0.24	0.29	0.14	-0.08
Consumer Confidence (3 month moving average)		0.16	0.15	0.27	0.26	0.26	0.01
Stock prices, FTSE all share prices index (Apr. 10, 1962=100)		0.02	0.31	0.19	0.08	0.04	0.04
Yield Spread, 10 years minus Bank Rate		0.29	0.28	0.28	0.27	0.29	0.29
Productivity, Whole Economy Index (2005=100, Q)		0.04	0.03	0.04 **	0.04 **	0.04 **	0.04 **
Total Gross Operating Surplus of Corporation (Deflated with IPD, Q)	ons 	0.05	0.05	0.04 **	0.03 **	0.02 **	0.02 **

p Preliminary. r Revised. n.a. Not available. c Corrected.

**Data Sources:** National Statistics, Thomson Financial, Bank of England, Confederation of British Industry and The European Commission

CALCULATION NOTE--The percent change in the index does not alw ays equal the sum of the net contributions of the individual components (because of rounding effects and base value differences).

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Inverted series; a negative change in this component makes a positive contribution to the index.

<sup>\*\*</sup> Statistical Imputation (See page 2 for more details)

Q Quarterly series; these series are converted to a monthly series through a linear interpolation.

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#### The Conference Board U.K. Business Cycle Indicators

Table 3.--Data and Net Contributions of the U.K. Coincident Economic Index

				2009			
Component	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
		U	K Coincident Ec	onomic Index c	omponent data	а	
Industrial Production (2005=100)	87.6	r 87.8 ı	85.5 r	86.7 r	86.7 r	87.0 r	87.4
Retail Sales, Volume (2005=100)	112.4	112.6 ।	112.6 r	113.0 r	113.6 r	113.3 r	113.7
Employment, (average, thousands)	28874.0	28935.0	28927.0	28926.0	28921.0 r	28926.7 **	28936.5 **
Real Household Disposable Income							
(2005 Constant Price, Q)	218608.0	219491.0	220373.0	221078.4 **	221684.7 **	222235.6 **	222755.6 **
COINCIDENT INDEX (2004=100)	102.3	102.6	<b>102.4</b> r	<b>102.6</b> p	<b>102.7</b> p	<b>102.7</b> p	<b>102.8</b> p
Percent change from preceding mon		0.3	-0.2 r	0.2 p	0.1 p	0.0 p	0.1 p
	U.K. Coincident Economic Index net contributions						
Industrial Production (2005=100)		0.01 ו	-0.16	0.08	0.00	0.02	0.03
Retail Sales, Volume (2005=100)		0.01 ı	0.00	0.02 r	0.03 r	-0.02	0.02
Employment, (average, thousands)		0.15	-0.02	0.00	-0.01 r	0.01 **	0.02 **
Real Household Disposable Income							
(2005 Constant Price, Q)		0.06	0.06	0.05 **	0.04 **	0.04 **	0.04 **

- p Preliminary. r Revised. n.a. Not available. c Corrected.
- \* Inverted series; a negative change in this component makes a positive contribution to the index.
- \*\* Statistical Imputation (See page 2 for more details)
- Q Quarterly series; these series are converted to monthly through a linear interpolation.

Data Sources: National Statistics, Thomson Financial

CALCULATION NOTE--The percent change in the index does not always equal the sum of the net contributions of the individual components (because of rounding effects and base value differences).

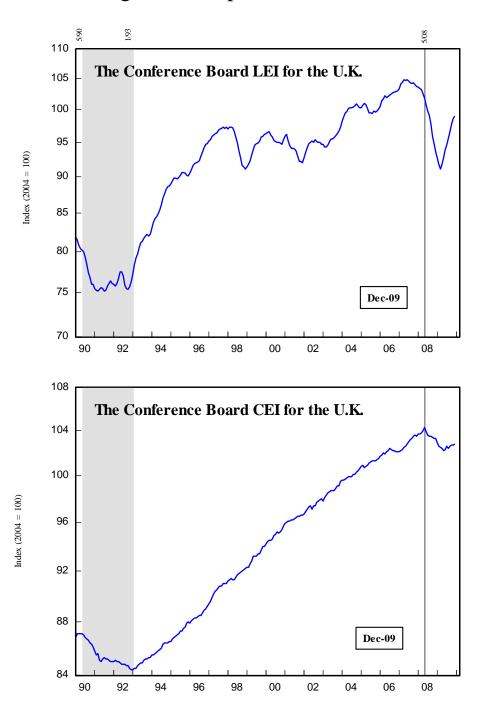
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## United Kingdom Composite Economic Indexes



Source: The Conference Board

Note: The shaded areas represent business cycle recessions. The peaks and troughs are designated by The Conference Board based on the coincident index and real GDP.