

FOR RELEASE: 10:00 A.M. CET, TUESDAY, MARCH 17, 2009

The Conference Board®
France Business Cycle Indicators<sup>SM</sup>

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

#### AND RELATED COMPOSITE ECONOMIC INDEXES FOR JANUARY 2009

Brussels, Mar. 17, 2009...The Conference Board Leading Economic Index<sup>TM</sup> (LEI) for France increased 0.1 percent and The Conference Board Coincident Economic Index<sup>TM</sup> (CEI) decreased 0.2 percent in January.

- The Conference Board LEI for France increased slightly in January, its first increase in over a year, as a result of positive contributions from industrial new orders and the yield spread. Stock prices and new unemployment claims (inverted) continued to decline in January. Between July 2008 and January 2009, The Conference Board LEI for France declined 4.9 percent (a –9.6 percent annual rate), well below the 2.1 percent decline (a –4.2 percent annual rate) during the previous six-month period. In addition, the weaknesses among the leading indicators remained widespread in recent months.
- The Conference Board CEI for France, a measure of current economic activity, declined in January (led by industrial production) for the fifth consecutive month after remaining unchanged in July and August 2008. However, the strengths and weaknesses among the coincident indicators have remained balanced in recent months. The six-month change in The Conference Board CEI for France has fallen to –0.8 percent (a –1.5 percent annual rate), down from the –0.3 percent (a –0.6 percent annual rate) between January and July 2008. Meanwhile, real GDP declined at a 2.1 percent average annual rate in the last half of 2008 (declining at a 4.6 percent annual rate in the fourth quarter of 2008), its lowest average annual rate over two quarters since 1993.
- Despite January's slight increase, the six-month decline in The Conference Board LEI for France remains the deepest since the 1974-75 recession, as a result of persistent and widespread weaknesses. The Conference Board LEI for France has fallen 8.0 percent from its most recent peak in October 2007 and The Conference Board CEI for France reached its highest level in February 2008. The recent behavior of the composite economic indexes suggests that the contraction in economic activity is likely to continue through the first half of 2009 and that economic conditions could deteriorate further in the near term.

<u>LEADING INDICATORS</u>. Two of the seven components that make up The Conference Board LEI for France increased in January. The positive contributors — in order from the largest positive contributor to the smallest— are industrial new orders and the yield spread. The negative contributors — beginning with the largest negative contributor— are the (inverted) new unemployment claims, building permits (residential), the stock price index, and the ratio of the deflator of manufacturing value added to unit labor cost for manufacturing\*. Production expectations remained unchanged in January.

With the increase of 0.1 percent in January, The Conference Board LEI for France now stands at 101.0 (2004=100). Based on revised data, the index declined 1.0 percent in December and declined 1.5 percent in November. During the six-month span through January, the leading index decreased 4.9 percent, and one of the seven components increased (diffusion index, six-month span equals 21.4 percent).

Please visit our website at http://www.conference-board.org/economics/bci Also visit the web site of our research associate in France: http://www.rexecode.fr/index.jsv The next release is scheduled for Wednesday, April 22, 2009 at 10:00 A.M. CET (04:00 A.M. ET)

<u>COINCIDENT INDICATORS.</u> Two of the four components of The Conference Board CEI for France increased in January. The positive contributors to the index were personal consumption, and wage and salaries\*. Industrial production and employment\* declined in January.

With the decrease of 0.2 percent in January, The Conference Board CEI for France now stands at 105.0 (2004=100). Based on revised data, this index decreased 0.1 percent in December and decreased 0.1 percent in November. During the six-month period through January, the index decreased 0.8 percent, with two of the four series making a positive contribution (diffusion index, six-month span equals 50.0 percent).

\* See notes under data availability.

#### FOR TABLES AND CHARTS, SEE BELOW

<u>DATA AVAILABILITY.</u> The data series used by **The Conference Board to compute The Conference Board Leading Economic Index**<sup>TM</sup> (LEI) for France and **The Conference Board Coincident Economic Index**<sup>TM</sup> (CEI) for France reported in this release are those available "as of" 10 A.M. ET on March 13, 2009. Some series are estimated as noted below.

\*Series in The Conference Board LEI for France that are based on The Conference Board estimates are ratio deflator of manufacturing value added to unit labor cost in manufacturing. Series in The Conference Board CEI for France that are based on The Conference Board estimates are number of employees and wage and salaries.

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

Further explanations of the cyclical indicator approach and the composite index methodology appear in The Conference Board's *Business Cycle Indicators* report and Web site:

http://www.conference-board.org/economics/bci/

#### France Composite Economic Indexes: Components and Standardization Factors

<u>Leading Economic Index</u>						
1.	Yield Spread, 10 year minus Day-Day Loan	.1018				
2.	Stock Price SBF 250 Index	.0311				
3.	Building Permits, residential	.0380				
4.	New Unemployment Claims	.1283				
5.	Industrial New Orders	.0457				
6.	Production Expectations	.0356				
7.	Ratio Deflator of Manuf. Value Added to Unit Labor Cost	.6195				
Coincident Economic Index						
1.	Industrial Production	.0600				
2.	Personal Consumptions	.0517				
3.	Number of Employees	.5886				
4.	Wage and Salaries	.2997				

#### 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 on the release for January 2009, and all historical values for the two composite indexes were revised at this time to reflect the changes. Under normal circumstances, updates to the leading and coincident indexes only incorporate revisions to data over the past six months. The factors above for The Conference Board LEI for France were calculated using 1983-2007 as the sample period for measuring volatility. Separate sets of factors for the 1976-1982 period and 1970-1976 period are available upon request. The factors above for The Conference Board CEI for France were calculated using 1978-2007 as the sample period. Separate sets of factors for the 1972-1978 period and 1970-1972 period are available upon request. When one or more components are missing, the other factors are adjusted proportionately to ensure that the total continues to sum to 1. For additional information on the standardization factors and the index methodology visit our Web site: http://www.conference-board.org/economics/bci.

The trend adjustment factor for The Conference Board LEI for France is 0.0149 (calculated from January 1970 to December 2007).

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 revisions are part of the monthly data revisions, now a regular part of the U.S. Business Cycle Indicators program. The main advantage of this procedure is to utilize in the leading index the data, such as stock prices, that are available sooner than other data on "real" aspects of the economy, such as new orders and changes in inventory. 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 schedule for 2009 for "The Conference Board Leading Economic Index<sup>TM</sup> (LEI) for France" news release is:

All releases are at 4:00 A.M. ET (10:00 A.M. CET).

#### **About The Conference Board**

For over 90 years, The Conference Board has created and disseminated knowledge about management and the marketplace to help businesses strengthen their performance and better serve society. The Conference Board operates as a global independent membership organization working in the public interest. It publishes information and analysis, makes economics-based forecasts and assesses trends, and facilitates learning by creating dynamic communities of interest that bring together senior executives from around the world. The Conference Board is a not-for-profit organization and holds 501(c)(3) tax-exempt status in the United States. For additional information about The Conference Board and how it can meet your needs, visit our website at <a href="https://www.conference-board.org">www.conference-board.org</a>.

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

BCI Handbook (published 2001) \$20

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Business Cycle Indicators for France, Germany, Japan, Korea, Mexico, Spain and the U.K. are available at \$635 per country per year (1 user). Discounts are available to Associates of The Conference Board and accredited academic institutions.

## The Conference Board France Business Cycle Indicators

**Table 1.--Summary of France Composite Economic Indexes** 

-	2008						
	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	2009 Jan.
Leading index	106.2	105.8	105.3 p	103.4 p	101.9 p	100.9 p	101.0 p
Percent change	-0.6	-0.4	-0.5 p	-1.8 p	-1.5 p	-1.0 p	0.1 p
Diffusion index	21.4	21.4	28.6	21.4	21.4	21.4	42.9
Coincident index	105.8	105.8	105.7 r	105.4 r	105.3 r	105.2 p	105.0 p
Percent change	0.0	0.0	-0.1 r	-0.3	-0.1 r	-0.1 p	-0.2 p
Diffusion index	62.5	50.0	50.0	25.0	50.0	25.0	50.0
	Jan. to	Feb. to	Mar. to	Apr. to	May to	Jun. to	Jul. to
	Jan. to Jul	Feb. to Aug	Mar. to Sep	Apr. to Oct	May to Nov	Jun. to Dec	Jul. to Jan
Leading index				•	•		
Leading index Percent change	Jul		Sep	Oct	Nov	Dec	Jan
Leading index Percent change Diffusion index		Aug		•	•		
Percent change	Jul -2.1	Aug -2.1	-2.4 p	Oct	-4.9 p	-5.5 p	Jan -4.9 p
Percent change Diffusion index	Jul -2.1	Aug -2.1	-2.4 p	Oct	-4.9 p	-5.5 p	Jan -4.9 p

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.

For more information, visit our Web site at http://www.conference-board.org/economics/bci

Source: The Conference Board

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## The Conference Board France Business Cycle Indicators

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

	2008						2009	
Component	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	
	France Leading Economic Index Component Data							
Yield Spread, 10 years minus Day-Day Loan Rate	0.50	0.10	0.07	0.36	0.78	1.06	1.79	
Stock Price SBF250 Index, index 1000=12/31/1990,	3027.15	3107.54	2998.79	2457.92	2295.16	2227.74	2182.19	
Building Permits Residential, thousands, (3 month moving average), S.A	33.08 r	31.94 r	30.01 r	28.86 r	28.00 r	27.68 r	26.96	
New Unemployment Claims* thousands, (3 month moving average), S.A	361.63	362.87	364.50	375.93	384.43	390.73	394.50	
Industrial New Orders opinion balance,	-19.00	-23.00	-26.00	-31.00	-43.00	-56.00	-52.00	
Production Expectations for Months Ahead Diffusion Index	-0.10	-3.30	-2.60	-16.30	-25.90	-31.80	-31.80	
Ratio Deflator of Value Added to Unit Labor Cost (1995=100), Q	101.52	101.53	101.53 **	101.52 **	101.51 **	101.50 **	101.48 **	
LEADING INDEX (2004=100)  Percent change from preceding month		<b>105.8</b> -0.4	<b>105.3 p</b> -0.5 p	<b>103.4 p</b> -1.8 p	<b>101.9 p</b> -1.5 p	<b>100.9 p</b> -1.0 p	<b>101.0 p</b> 0.1 p	
	France Leading Economic Index net contributions							
Yield Spread, 10 years minus Day-Day Loan Rate		0.01	0.01	0.04	0.08	0.11	0.18	
Stock Price SBF250 Index, index 1000=12/31/1990,	·	0.08	-0.11	-0.62	-0.21	-0.09	-0.06	
Building Permits Residential, thousands, (3 month moving average), S.A		-0.13 r	-0.24 r	-0.15	-0.11	-0.04 r	-0.10	
New Unemployment Claims* thousands, (3 month moving average), S.A	·	-0.04	-0.06	-0.40	-0.29	-0.21	-0.12	
Industrial New Orders opinion balance,	·	-0.18	-0.14	-0.23	-0.55	-0.59	0.18	
Production Expectations for Months Ahead Diffusion Index		-0.11	0.02	-0.49	-0.34	-0.21	0.00	
Ratio Deflator of Value Added to Unit Labor Cost (1995=100), Q	·	0.01	0.00 **	-0.01 **	-0.01 **	-0.01 **	-0.01 **	

p Preliminary. r Revised. s.a. Seasonally Adjusted

#### ${\bf Data\ Sources:\ COE\text{-}Rexecode,\ Thomson\ Financial,\ INSEE}$

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).

<sup>\*</sup> 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 monthly through a linear interpolation.

## The Conference Board France Business Cycle Indicators

Table 3.--Data and Net Contributions for Components of the France Coincident Economic Index

	2008						2009	
Component	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	
-	France Coincident Economic Index Component Data							
Industrial Production, Volume (2000=100). S.A	100.8 r	101.5 r	99.9 r	96.4 r	93.7 r	92.3 r	89.4	
Personal Consumption of Manuf. Goods Billions of Euros, S.A	22.0	21.9	22.0	21.9	21.9	21.7 r	22.1	
Numbers of Employees in the Private Sector Thous. Of Employees, S.A. Q	16008.5	15992.9 r	15963.3 r	15933.8 r	15904.2 **	15876.9 **	15851.7 **	
Wage and Salaries, Financial and Non-Financial Millions of Euros, S.A. Q	109009.1 r	109211.8 r	109425.4 r	109777.6 r	110355.2 r	110745.4 #	111038.3 **	
Percent change from preceding month	<b>105.8</b> 0.0	<b>105.8</b> 0.0	<b>105.7 r</b> -0.1 r	<b>105.4 r</b> -0.3	<b>105.3 r</b> -0.1 r	<b>105.2 p</b> -0.1 p	<b>105.0 p</b> -0.2 p	
	France Coincident Economic Index net contributions							
Industrial Production, Volume (2000=100). S.A		.04 r	10 r	21 r	17	09 r	19	
Personal Consumption of Manuf. Goods Billions of Euros, S.A		02	.03	03	.00 r	05 r	.09	
Numbers of Employees in the Private Sector Thous. Of Employees, S.A. Q		06	11 r	11 r	11 **	10 **	09 **	
Wage and Salaries, Financial and Non-Financial Millions of Euros, S.A. Q		.06	.06 r	.10	.16	.11 #	.08 **	

p Preliminary. r Revised. s.a. Seasonally adjusted

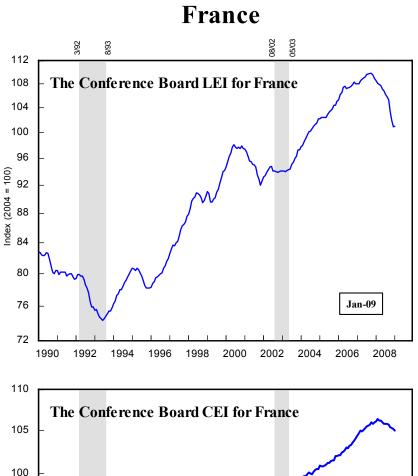
#### Data Sources: COE-Rexecode, Thomson Financial, INSEE

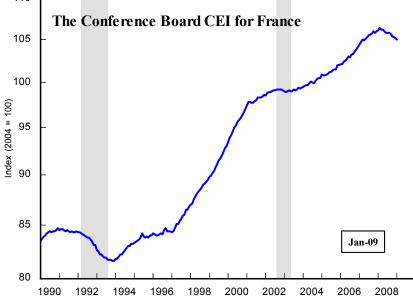
CALCULATION NOTE—The percent change in the index does not always equal the sum of the net contributions of the individual components (because of rounding effects and base value differences).

<sup>\*</sup> 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 monthly through a linear interpolation.





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.

Source: The Conference Board