

FOR RELEASE: 10:00 A.M. (PARIS TIME), MONDAY, FEBRUARY 22, 2010

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

# THE CONFERENCE BOARD LEADING ECONOMIC INDEX® (LEI) FOR FRANCE

AND RELATED COMPOSITE ECONOMIC INDEXES FOR DECEMBER 2009

Brussels, February 22, 2010...The Conference Board Leading Economic Index<sup>®</sup> (LEI) for France increased 0.6 percent and The Conference Board Coincident Economic Index<sup>®</sup> (CEI) remained unchanged in December.

- The Conference Board LEI for France increased again in December as positive contributions from the yield spread and new unemployment claims (inverted) more than offset a negative contribution from production expectations. Between June and December 2009, the leading economic index increased by 4.0 percent (about an 8.2 percent annual rate), faster than the 0.5 percent increase (about a 1.0 percent annual rate) during the first half of 2009. In addition, the strengths among the leading indicators have been widespread in recent months.
- The Conference Board CEI for France, a measure of current economic activity, remained unchanged in December. Between June and December 2009, the coincident economic index decreased by 0.3 percent (about a -0.6 percent annual rate), slower than the 1.3 percent decline (about a -2.6 percent annual rate) during the previous six months. Additionally, the strengths among the coincident indicators have become more widespread than the weaknesses in recent months. At the same time, real GDP expanded at a 2.4 percent annual rate in the fourth quarter of 2009, its third consecutive quarter of growth.
- The Conference Board LEI for France has risen sharply since the first quarter of 2009, after falling from November 2007 through March 2009. Its six-month growth rate has slowed slightly since October, but it remains near its highest level since 1999. Meanwhile, The Conference Board CEI for France has remained flat since August 2009, after a long period of decline following its February 2008 peak. Taken together, the recent behavior of the composite economic indexes suggests that economic conditions should continue to improve in the near term.

<u>LEADING INDICATORS.</u> Four of the seven components of the leading economic index increased in December. The positive contributors to the index— in order from the largest positive contributor to the smallest— are the yield spread, new unemployment claims (inverted), the stock price index, and building permits (residential). Production expectations was the only negative contributor to the index in December, while the ratio of the deflator of manufacturing value added to unit labor cost for manufacturing\* and industrial new orders remained unchanged.

Please visit our website at http://www.conference-board.org/economics/bci Also visit the website of our research associate in France: http://www.rexecode.fr/index.jsv The next release is scheduled for Tuesday, March 23, 2010 at 5:00 A.M. ET (10:00 A.M. Paris Time) With the increase of 0.6 percent in December, the leading economic index now stands at 106.5 (2004=100). Based on revised data, this index increased 0.6 percent in November and increased 0.8 percent in October. During the six-month span through December, the index increased 4.0 percent, and five of the seven components increased (diffusion index, six-month span equals 71.4 percent).

<u>COINCIDENT INDICATORS</u>. Two of the four components of the coincident economic index increased in December. The positive contributors to the index were personal consumption and wage and salaries\*. Employment\* and industrial production declined in December.

After remaining unchanged in December, the coincident economic index now stands at 103.3 (2004=100). Based on revised data, this index remained unchanged in November and decreased 0.1 percent in October. During the six-month period through December, the index decreased 0.3 percent, with three of the four series making a positive contribution (diffusion index, six-month span equals 75.0 percent).

#### FOR TABLES AND CHARTS, SEE BELOW

<u>DATA AVAILABILITY</u>. The data series used to compute **The Conference Board Leading Economic Index**<sup>®</sup> (LEI) for France and **The Conference Board Coincident Economic Index**<sup>®</sup> (CEI) for France reported in this release are those available "as of" 10 A.M. ET on February 17, 2010. Some series are estimated as noted below.

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

Prior to March 2009, the residential building permits component of The Conference Board LEI for France is calculated as permits granted minus permits cancelled. From March 2009 going forward, the permits granted series replaces residential building permits because of delays in the publication of permits cancelled data by the source agency. The same standardization factor is applied to both series because their volatilities are similar. If the missing series becomes available, the original definition of the housing permits series may be restored at the next benchmark revision.

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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.

<sup>\*</sup> See notes under data availability.

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

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

Lea	nding Economic Index	<u>Factor</u>
1.	Yield Spread, 10 year minus Day-Day Loan	.1047
2.	Stock Price SBF 250 Index	.0307
3.	Building Permits, residential	.0388
4.	New Unemployment Claims	.1279
5.	Industrial New Orders	.0446
6.	Production Expectations	.0355
7.	Ratio Deflator of Manuf. Value Added to Unit Labor Cost	.6178
Coi	ncident Economic Index	
1.	Industrial Production	.0609
2.	Personal Consumptions	.0489
3.	Number of Employees	.5710
4.	Wage and Salaries	.3192

#### 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 2010, 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 1983-2008 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 1978-2008 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 website: http://www.conference-board.org/economics/bci.

The trend adjustment factor for The Conference Board LEI for France is 0.0283(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 2010 for the France "Leading Economic Indicators" news release is:

January 2010	Tuesday, March 23, 2010
February 2010	Wednesday, April 21, 2010
March 2010	Wednesday, May 19, 2010
April 2010	. Monday, June 21, 2010
May 2010	. Monday, July 19, 2010
June 2010	Wednesday, August 18, 2010
July 2010	.Tuesday, September 21, 2010
August 2010	Wednesday, October 20, 2010
September 2010	Monday, November 22, 2010
October 2010	.Monday, December 20, 2010

All releases are at 10:00 A.M. Paris Time.

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

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France 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 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

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	2009						
	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Leading index	102.4	102.9	103.7 r	104.5 p	105.3 p	105.9 p	106.5 p
Percent change	0.9	0.5	0.8 r	0.8 p	0.8 p	0.6 p	0.6 p
Diffusion index	71.4	71.4	57.1	71.4	71.4	50.0	64.3
Coincident index	103.6	103.5	103.3 r	103.4 p	103.3 p	103.3 p	103.3 p
Percent change	0.0	-0.1	-0.2 r	0.1 p	-0.1 p	0.0 p	0.0 p
Diffusion index	62.5	50.0	25.0	50.0	37.5	75.0	50.0
	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	0.5	1.1	2.7 r	4.1 p	4.4 p	4.3 p	4.0 p
Diffusion index	42.9	57.1	71.4	71.4	85.7	85.7	71.4
Coincident index							
Percent change	-1.3	-1.0	-0.6 r	-0.4 p	-0.3 p	-0.3 p	-0.3 p
Diffusion index	25.0	25.0	50.0	62.5	50.0	62.5	75.0
2							
	_0.0	20.0	00.0	02.0	00.0	00	. 0.0

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.

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

		ons for Components of the France Leading Economic Index 2009								
Component	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.			
		France Leading Economic Index Component Data								
Yield Spread, 10 years minus  Day-Day Loan Rate	3.20	3.31	3.22	3.22	3.20	3.19	3.15			
Stock Price SBF250 Index, index 1000=12/31/1990,	2296.83	2278.63	2513.81	2660.06	2702.05	2669.95	2732.20			
Building Permits Residential, (3 month moving average), S.A	30598.41 r	30726.12 r	30410.91 r	32020.90 r	33914.26 r	34455.72 r	35072.91			
New Unemployment Claims* thousands, (3 month moving average), S.A	488.47	483.60	493.00	509.23	516.73	517.27	508.07			
Industrial New Orders opinion balance,	65.00	-63.00	-59.00	-55.00	-52.00	-52.00	-52.00			
Production Expectations for Months Ahead Diffusion Index	13.70	-17.50	-11.90	-4.40	0.50	5.50	1.30			
Ratio Deflator of Value Added to Unit Labor Cost (1995=100), Q	100.74 r	100.80 r	100.85 r	100.88 **	100.89 **	100.89 **	100.88 **			
<b>LEADING INDEX (2004=100)</b> Percent change from preceding month		<b>102.9</b> 0.5	<b>103.7 r</b> 0.8 r	•	•	•	<b>106.5 p</b> 0.6 p			
		France Leading Economic Index net contributions								
Yield Spread, 10 years minus Day-Day Loan Rate		0.35	0.34	0.34	0.33	0.33	0.33			
Stock Price SBF250 Index, index 1000=12/31/1990,		-0.02	0.30	0.17	0.05	-0.04	0.07			
Building Permits Residential, (3 month moving average), S.A		0.02	r -0.04	0.20 r	0.22 r	0.06 r	0.07			
New Unemployment Claims* thousands, (3 month moving average), S.A	·····	0.13	-0.25	-0.41	-0.19	-0.01	0.23			
Industrial New Orders opinion balance,	·	0.09	0.18	0.18	0.13	0.00	0.00			
Production Expectations for Months Ahead Diffusion Index		-0.13	0.20	0.27	0.17	0.18	-0.15			
Ratio Deflator of Value Added to Unit Labor Cost (1995=100), Q		0.03	r 0.03 r	r 0.02 **	0.01 **	0.00 **	0.00 **			

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

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<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.

of the individual components (because of rounding effects and base value differences).

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# The Conference Board France Business Cycle Indicators

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

	2009							
Component	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	
_	France Coincident Economic Index Component Data							
Industrial Production, Volume								
(2005=100). S.A	87.2	88.2 r	90.0 r	88.9 r	88.8 r	89.3 r	89.2	
Personal Consumption of Manuf. Goods								
Billions of Euros, S.A	22.1 r	21.8	21.6 r	22.1	22.3	22.3	22.8	
Number of Employees in the Private Sector								
Thous. Of Employees, S.A. Q	16120.6	16089.5	16058.5	16031.1 **	16006.8 **	15985.3 **	15966.4 **	
Wage and Salaries, Financial and Non-Financial Millions of Euros, S.A. Q	109097.9 r	109173.7 r	108810.9 r	109077.3 r	109036.1 r	109100.5 r	109201.0 **	
COINCIDENT INDEX (2004=100)	103.6	103.5	103.3 r	103.4 p	103.3 p	103.3 p	103.3 p	
Percent change from preceding month	0.0	-0.1	-0.2 r	0.1 p	-0.1 p	0.0 p	0.0 p	
-	France Coincident Economic Index net contributions							
Industrial Production, Volume								
(2005=100). S.A		.07 r	.12 r	07	01 r	.03 r	01	
Personal Consumption of Manuf. Goods								
Billions of Euros, S.A		06	06	.13 r	.04 r	.00 r	.10	
Number of Employees in the Private Sector								
Thous. Of Employees, S.A. Q		11	11	10 **	09 **	08 **	07 **	
Wage and Salaries, Financial and Non-Financial								
Millions of Euros, S.A. Q		.02	11	.08 r	01 r	.02	.03 **	

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).

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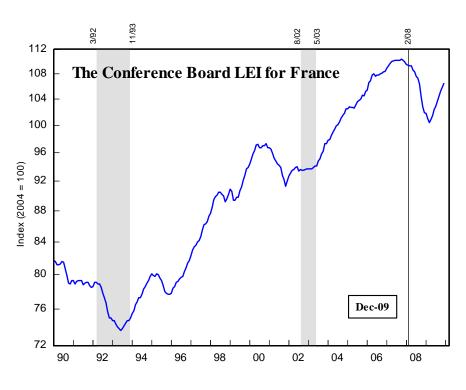
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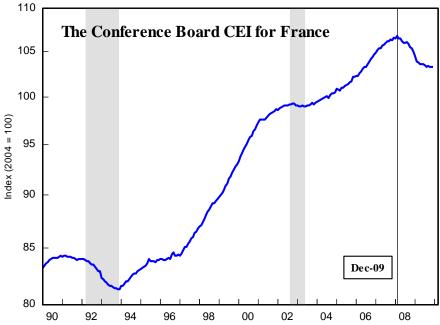
<sup>\*</sup> Inverted series; a negative change in this component makes a positive contribution to the index.

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

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

# France 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.