



THE CONFERENCE BOARD

FOR RELEASE: 10:00 A.M. JST, WEDNESDAY, NOVEMBER 10, 2010

The Conference Board®
Japan Business Cycle IndicatorsSM
THE CONFERENCE BOARD LEADING ECONOMIC INDEX® (LEI)
FOR JAPAN
AND RELATED COMPOSITE ECONOMIC INDEXES FOR SEPTEMBER 2010

The Conference Board Leading Economic Index® (LEI) for Japan decreased 0.3 percent, while The Conference Board Coincident Economic Index® (CEI) increased 0.2 percent in September.

- The Conference Board LEI for Japan fell in September following two consecutive gains. The six-month growth rate of labor productivity and the index of overtime worked made the largest negative contributions to the index this month. With this month's decline, the six-month growth rate in the leading economic index has turned negative for the first time since June 2009 -- to -1.4 percent (a -2.7 percent annual rate) from March to September 2010, down sharply from 13.5 percent (about a 28.9 percent annual rate) for the previous six months. In addition, the strengths among the leading indicators have become less widespread, and were just balanced with the weaknesses in recent months.
- The Conference Board CEI for Japan increased slightly again in September, with half of the components advancing. Despite the gain in September, the six-month growth rate of the coincident economic index continued to slow – to 1.5 percent (a 3.1 percent annual rate) for the period through September 2010, down from 3.0 percent (about a 6.1 percent annual rate) for the previous six months. At the same time, real GDP growth slowed to 1.5 percent (annual rate) in the second quarter of 2010, from 5.0 percent (annual rate) in the first quarter.
- The Conference Board LEI for Japan began to weaken in the spring, and its six-month growth rate has become negative for the first time in more than a year. In addition, the six-month growth rate in The Conference Board CEI for Japan has also slowed this year. Taken together, the behavior of the composite indexes suggests that economic growth will likely be weak in the near term.

LEADING INDICATORS. Five of the ten components that make up The Conference Board LEI for Japan increased in September. The positive contributors to the index – in order from the largest positive contributor to the smallest – include the new orders for machinery and construction component*, stock prices, the interest rate spread, real operating profits*, and dwelling units started. The negative contributors – in order from the largest negative contributor to the smallest – include the six-month growth rate of labor productivity, the index of overtime worked, the (inverted) business failures, the Tankan business conditions survey, and real money supply.

With the decrease of 0.3 percent in September, The Conference Board LEI for Japan now stands at 101.7 (2004=100). Based on revised data, this index increased 0.4 percent in August and increased 0.1 percent in July. During the six-month span through September, the index decreased 1.4 percent, and five of the ten components advanced (diffusion index, six-month span equals 50.0 percent).

The next release is scheduled for Wednesday, December 8, 2010 at 10:00 A.M. (JST)
In the U.S – Tuesday, December 7, 2010 at 8:00 P.M (ET)

COINCIDENT INDICATORS. Two of the four components that make up The Conference Board CEI for Japan increased in September. The positive contributors to the index – in order from the larger positive contributor– include number of employed persons and the retail, wholesale, and manufacturing sales* component. Industrial production and wage and salary income declined in September.

With the increase of 0.2 percent in September, The Conference Board CEI for Japan now stands at 100.2 (2004=100). Based on revised data, this index increased 0.2 percent in August and increased 0.5 percent in July. During the six-month span through September, the index increased 1.5 percent, and three of the four components advanced (diffusion index, six-month span equals 75.0 percent).

FOR TABLES AND CHARTS, SEE BELOW

DATA AVAILABILITY AND NOTES. The data series used to compute **The Conference Board Leading Economic Index[®]** (LEI) for Japan and **The Conference Board Coincident Economic Index[®]** (CEI) for Japan reported in this release are those available “as of” 5:00 P.M. ET November 8, 2010. Some series are estimated as noted below.

* The series in The Conference Board LEI that are based on our estimates are real operating profits and new orders for machinery. The series in The Conference Board CEI that is based on our estimates is real manufacturing sales.

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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 economic 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 leading economic index have occurred before those in aggregate economic activity, while the cyclical turning points in the coincident economic index have occurred at about the same time as those in aggregate economic activity.

Japan Composite Economic Indexes: Components and Standardization Factors

<u>Leading Economic Index</u>	<u>Factor</u>
1 Operating Profits	0.0608
2 Dwelling Units Started	0.0349
3 Business Failures	0.0618
4 Index of Overtime Worked	0.0987
5 Stock Prices (TOPIX)	0.0380
6 Six Month Growth Rate of Labor Productivity	0.1209
7 Tankan Business Conditions Survey	0.0875
8 Money Supply	0.2809
9 Yield Spread	0.1668
10 New Orders for Machinery and Construction	0.0497
<u>Coincident Economic Index</u>	
1 Number of Employed Persons	0.5520
2 Industrial Production	0.1120
3 Wage and Salary Income	0.1720
4 Real Retail, Wholesale, and Manufacturing Sales	0.1640

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 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 Conference Board LEI were calculated using the September 1974 to December 2008 period as the sample period for measuring volatility. Separate sets of factors for the March 1974 to August 1974 period, the February 1973 to February 1974 period, and February 1965 to January 1973 period, are available upon request. The factors above for The Conference Board CEI were calculated using the August 1978 to December 2008 period as the sample period. Separate sets of factors for the February 1970 to July 1978 period, and the February 1965 to January 1970 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 the total continues to sum to 1. For additional information on the standardization factors and the index methodology visit our Web site: www.conference-board.org/data/bci.cfm

The trend adjustment factors for The Conference Board LEI are -0.2127 (calculated over the 1992-2008 period) and -0.2218 (calculated over the 1965 – 1991 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 The Conference Board LEI 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 2010 schedule for **The Conference Board Leading Economic Index**[®] (LEI) news releases is:

October 2010 Data ... Tuesday, December 07, 2010

All releases are at 10:00 A.M. JST (following day), 8:00 P.M. ET

ABOUT THE CONFERENCE BOARD

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The Conference Board Japan Business Cycle Indicators

Table 1.--Summary of Japan Composite Economic Indexes

	2010						
	Mar	Apr	May	Jun	Jul	Aug	Sep
Leading index	103.1	103.4	102.9	101.5 p	101.6 p	102.0 p	101.7 p
Percent change	2.6	0.3	-0.5	-1.4 p	0.1 p	0.4 p	-0.3 p
Diffusion index	90.0	50.0	55.0	60.0	75.0	70.0	50.0
Coincident index	98.7	99.1	99.0	99.3 p	99.8 p	100.0 p	100.2 p
Percent change	0.4	0.4	-0.1	0.3 p	0.5 p	0.2 p	0.2 p
Diffusion index	75.0	75.0	50.0	75.0	75.0	62.5	50.0

	Sep to	Oct to	Nov to	Dec to	Jan to	Feb to	Mar to
	Mar	Apr	May	Jun	Jul	Aug	Sep
Leading index							
Percent change	13.5	10.9	7.7	4.3 p	2.1 p	1.5 p	-1.4 p
Diffusion index	90.0	90.0	90.0	60.0	50.0	70.0	50.0
Coincident index							
Percent change	3.0	2.9	2.5	2.2 p	1.3 p	1.7 p	1.5 p
Diffusion index	87.5	75.0	75.0	75.0	75.0	75.0	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.

For more information, visit our Web site at <http://www.conference-board.org/data/bci.cfm>

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The Conference Board Japan Business Cycle Indicators

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

Component	2010							
	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	
Japan Leading Economic Index Component Data								
Real Operating Profits, (Bill. 2005 Yen, S.A., Q).....	12134.19	12774.10	13414.00	13868.57 **	14183.61 **	14393.72 **	14525.03 **	
Dw elling Units Started, (Tens, S.A.) (3 mo. moving avg.).....	6216.20	6270.10	6382.90	6505.57	6579.47	6981.50	7091.83	
Business Failures, (Number, S.A.)* (3 mo. moving avg.).....	265.77 r	266.00 r	267.53 r	256.71 r	258.10	257.78 r	259.82	
Index of Overtime Worked, Mfg. (2005=100, S.A.)	87.4	87.1	87.2	87.4	88.2	88.3	85.8	
Stock Price Index, (Jan. 4, 1968=100).....	978.81	987.04	880.46	841.42	849.50	804.67	829.51	
Six Month Grow th Rate of Labor Productivity Mfg. (3 mo. moving avg., pct.).....	36.18	33.77	30.93	25.79	19.81	14.24 r	8.89	
Tankan Business Conditions, All Enterprises, All Industries (Balance +/-, Q).....	-31.3	-28.7	-26.0	-22.7	-19.3	-16.0	-16.3	
Real Money Supply, M2 + CD Money, (10 Bill. 2005 Yen, S.A.).....	76754.15	77387.07	77761.14	77853.05	78146.65	78559.20	78522.29	
Yield Spread, 10 year minus 3 months.....	0.97	0.88	0.87	0.71	0.69	0.62	0.57	
New Orders for Machinery and Construction, (3 mo. moving avg., 100 Mill. 2005 Yen, S.A.).....	19055 r	18438	17275	12989	13731	15525	17450 **	
LEADING INDEX (2004=100).....	103.1	103.4	102.9	101.5 p	101.6 p	102.0 p	101.7 p	
Percent change from preceding month.....	2.6	0.3	-0.5	-1.4 p	0.1 p	0.4 p	-0.3 p	
Japan Leading Economic Index Net Contributions								
Real Operating Profits, (Bill. 2005 Yen, S.A., Q).....	....	0.31	0.30	0.20 **	0.14 **	0.09 **	0.06 **	
Dw elling Units Started, (Tens, S.A.) (3 mo. moving avg.).....	....	0.03	0.06	0.07	0.04	0.21	0.05	
Business Failures, (Number, S.A.)* (3 mo. moving avg.).....	....	-0.01 r	-0.04 r	0.25 r	-0.03	0.01 r	-0.05	
Index of Overtime Worked, Mfg. (2005=100, S.A.)	....	-0.03	0.01	0.02	0.09	0.01	-0.28	
Stock Price Index, (Jan. 4, 1968=100).....	....	0.03	-0.43	-0.17	0.04	-0.21	0.12	
Six Month Grow th Rate of Labor Productivity Mfg. (3 mo. moving avg., pct.).....	....	-0.29	-0.34	-0.62	-0.72	-0.67 r	-0.65	
Tankan Business Conditions, All Enterprises, All Industries (Balance +/-, Q).....	....	0.23	0.24	0.29	0.30	0.29	-0.03	
Real Money Supply, M2 + CD Money, (10 Bill. 2005 Yen, S.A.).....	....	0.23	0.14	0.03	0.11 r	0.15 r	-0.01	
Yield Spread, 10 year minus 3 months.....	....	0.15	0.15	0.12	0.12	0.10 r	0.10	
New Orders for Machinery and Construction, (3 mo. moving avg., 100 Mill. 2005 Yen, S.A.).....	....	-0.16 r	-0.32 r	-1.41 r	0.28 r	0.61 r	0.58 **	

p Preliminary. r Revised. n.a. Not available. c Corrected. -- * Inverted series; a negative change in this component makes a positive contribution.

** Statistical Imputation (See page 2 for more details)-- Q: Quarterly series; these series are converted to monthly through a linear interpolation

Data Sources: Economic and Social Research Institute - Cabinet Office, M.E.T.I. Japan, Management and Coordination Agency, Ministry of Finance

Datastream, Ministry of Labor, Japan Securities Dealers Association

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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The Conference Board Japan Business Cycle Indicators

Table 3.--Data and Net Contributions for Japan Coincident Economic Index

Component	2010						
	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.
Japan Coincident Economic Index Component Data							
Number of Employed Persons, (Thousands of persons, S.A.).....	62730	62450	62210	62250	62460	62450	62860
Industrial Production, (2005=100, S.A.).....	94.8	96.0	96.1	95.0	94.8	94.3 r	92.5
Wage and Salary Income, (2005=100, S.A.).....	101.5	102.0	101.8	102.1	102.8	103.4 r	102.8
Real Retail, Wholesale, and Manuf. Sales (Billions of 2005 Yen, S.A.).....	138648.4 r	142576.6 r	143743.2 r	146602.9 **	148951.8 **	150461.1 **	151535.3 **
COINCIDENT INDEX (2004=100).....	98.7	99.1	99.0	99.3 p	99.8 p	100.0 p	100.2 p
Percent change from preceding month....	0.4	0.4	-0.1	0.3 p	0.5 p	0.2 p	0.2 p
Japan Coincident Economic Index Net Contributions							
Number of Employed Persons, (Thousands of persons, S.A.).....	....	-0.25 r	-0.21 r	0.04 r	0.19 r	-0.01 r	0.36
Industrial Production, (2005=100, S.A.).....	....	0.14	0.01	-0.13	-0.02	-0.06 r	-0.22
Wage and Salary Income, (2005=100, S.A.).....	....	0.08	-0.03	0.05	0.12	0.10 r	-0.10
Real Retail, Wholesale, and Manuf. Sales (Billions of 2005 Yen, S.A.).....	....	0.46 r	0.13	0.32 **	0.26 **	0.16 **	0.12 **

One of the sales components: manufacturing sales, is a quarterly series and converted to monthly through a linear interpolation
And missing months are estimated by The Conference Board

** Statistical Imputation (See page 2 for more details)

Data Sources: Economic and Social Research Institute, M.E.T.I. Japan, Management & Coordination Agency, Ministry of Finance, Ministry of Labor
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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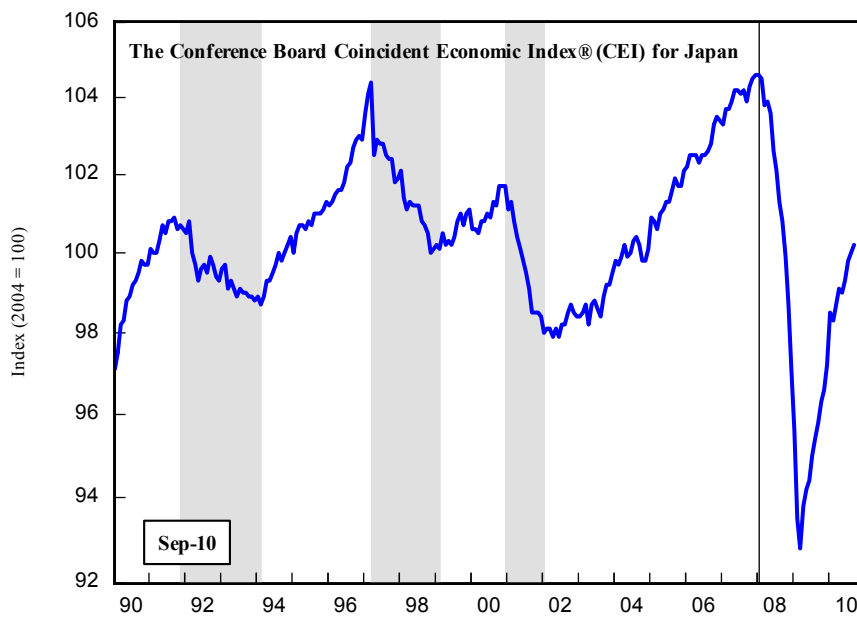
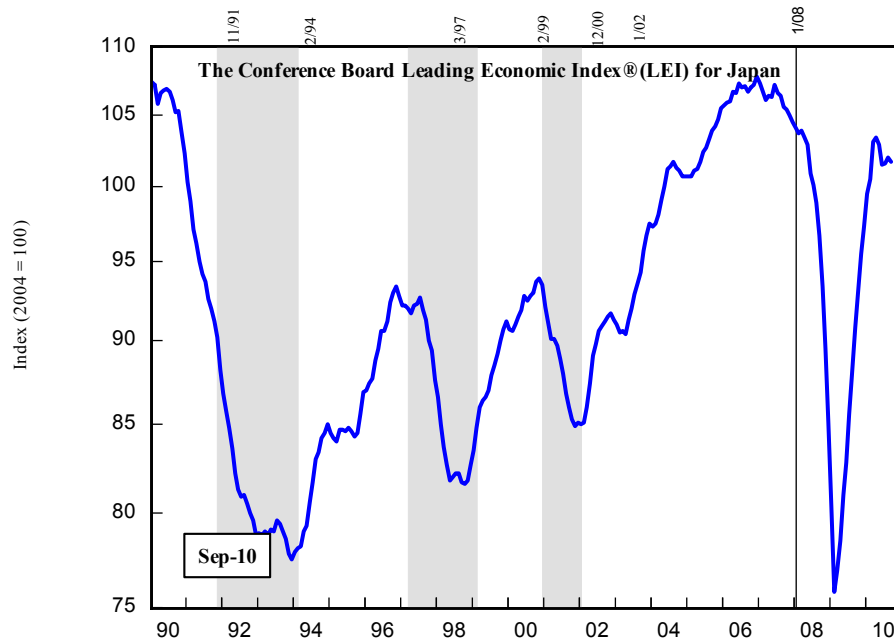
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Japan



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