



THE CONFERENCE BOARD

FOR RELEASE: 10:00 A.M. ET, Thursday, August 19, 2010

The Conference Board®
U.S. Business Cycle IndicatorsSM
THE CONFERENCE BOARD LEADING ECONOMIC INDEX®
(LEI) FOR THE UNITED STATES
AND RELATED COMPOSITE ECONOMIC INDEXES FOR JULY 2010

The Conference Board Leading Economic Index® (LEI) for the U.S. increased 0.1 percent, **The Conference Board Coincident Economic Index®** (CEI) increased 0.2 percent and **The Conference Board Lagging Economic Index®** (LAG) increased 0.4 percent in July.

- The Conference Board LEI for the U.S. increased slightly in July, after declining moderately in June. The interest rate spread, supplier deliveries and the average workweek made the largest positive contributions to the index this month, more than offsetting the negative contributions from consumer expectations, building permits and real money supply. The six-month change in the index has continued to slow -- to 2.0 percent (a 4.1 percent annual rate) in the period through July 2010, down from 5.0 percent (about a 10.2 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 over the past six months.
- The Conference Board CEI for the U.S., a measure of current economic activity, also increased in July. Index levels for the past two months were revised slightly lower as a result of downward data revisions to the underlying components. The six-month change in the coincident economic index stands at 1.3 percent (a 2.6 percent annual rate) through July 2010, up from 0.6 percent (a 1.2 percent annual rate) for the previous six months. In July, the lagging economic index increased more than the CEI, and the coincident-to-lagging ratio decreased for the second consecutive month, as a result. Meanwhile, real GDP expanded at a 2.4 percent annual rate in the second quarter of 2010, following an increase of 3.7 percent annual rate in the first quarter.
- After rising sharply from March 2009 to March 2010, The Conference Board LEI for the U.S. was essentially flat in the second quarter. In addition, its six-month growth rate is at its slowest pace since the middle of 2009, with the strengths among its components becoming less widespread in recent months. Meanwhile, The Conference Board CEI for the U.S. remains on a rising trend that began in late 2009. Taken together, the current behavior of the composite indexes and their components suggests that economic activity should continue to expand, but at a slower pace in the near term.

LEADING INDICATORS. Five of the ten indicators that make up The Conference Board LEI for the U.S. increased in July. The positive contributors – beginning with the largest positive contributor – were the interest rate spread, average weekly manufacturing hours, the index of supplier deliveries (vendor performance), average weekly initial claims for unemployment insurance (inverted), and manufacturers' new orders for nondefense capital goods*. The negative contributors – beginning with the largest negative contributor – were the index of consumer expectations, building permits, real money supply*, and stock prices. The manufacturers' new orders for consumer goods and materials* held steady in July.

The next release is scheduled for September 23, Thursday at 10 A.M. ET.

The Conference Board LEI for the U.S. now stands at 109.8 (2004=100). Based on revised data, this index decreased 0.3 percent in June and increased 0.5 percent in May. During the six-month span through July, the leading economic index increased 2.0 percent, with five out of ten components advancing (diffusion index, six-month span equals 50 percent).

COINCIDENT INDICATORS. Three of the four indicators that make up The Conference Board CEI for the U.S. increased in July. The positive contributors to the index – beginning with the largest positive contributor – were industrial production, personal income less transfer payments*, and manufacturing and trade sales*. The negative contributor was employees on nonagricultural payrolls.

The Conference Board CEI for the U.S. now stands at 101.4 (2004=100). This index decreased 0.1 percent in June and increased 0.4 percent in May. During the six-month period through July, the coincident economic index increased 1.3 percent, with all four components advancing (diffusion index, six-month span equals 100.0 percent).

LAGGING INDICATORS. The Conference Board LAG for the U.S. stands at 107.9 (2004=100) in July, with three of the seven components advancing. The positive contributors to the index – beginning with the largest positive contributor – were change in CPI for services, average duration of unemployment (inverted), and change in labor cost per unit of output*. The negative contributor was commercial and industrial loans outstanding*. The ratio of manufacturing and trade inventories to sales*, average prime rate charged by banks, and ratio of consumer installment credit to personal income* held steady in July. Based on revised data, the lagging economic index increased 0.1 percent in June and decreased 0.1 percent in May.

DATA AVAILABILITY AND NOTES.

The data series used to compute **The Conference Board Leading Economic Index**[®] (LEI) for the U.S., **The Conference Board Coincident Economic Index**[®] (CEI) for the U.S. and **The Conference Board Lagging Economic Index**[®] (LAG) for the U.S. and reported in the tables in this release are those available “as of” 12 Noon on August 17, 2010. Some series are estimated as noted below.

* Series in The Conference Board LEI for the U.S. based on our estimates are manufacturers’ new orders for consumer goods and materials, manufacturers’ new orders for nondefense capital goods, and the personal consumption expenditure used to deflate the money supply. Series in The Conference Board CEI for the U.S. that are based on our estimates are personal income less transfer payments and manufacturing and trade sales. Series in The Conference Board LAG for the U.S. that are based on our estimates are inventories to sales ratio, consumer installment credit to income ratio, change in labor cost per unit of output, and the personal consumption expenditure used to deflate commercial and industrial loans outstanding.

The procedure used to estimate the current month’s personal consumption expenditure deflator (used in the calculation of real money supply and commercial and industrial loans outstanding) now incorporates the current month’s consumer price index when it is available before the release of The Conference Board LEI for the U.S.

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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, coincident, and lagging economic indexes are essentially composite averages of several individual leading, coincident, or lagging 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.S. have occurred before those in aggregate economic activity, while the cyclical turning points in The Conference Board CEI for the U.S. have occurred at about the same time as those in aggregate economic activity. The cyclical turning points in The Conference Board LAG for the U.S. generally have occurred after those in aggregate economic activity.

U.S. Composite Economic Indexes: Components and Standardization Factors

<u>Leading Economic Index</u>	<u>Factor</u>
1 Average weekly hours, manufacturing	0.2725
2 Average weekly initial claims for unemployment insurance	0.0322
3 Manufacturers' new orders, consumer goods and materials	0.0809
4 Index of supplier deliveries – vendor performance	0.0715
5 Manufacturers' new orders, nondefense capital goods	0.0192
6 Building permits, new private housing units	0.0263
7 Stock prices, 500 common stocks	0.0373
8 Money supply, M2	0.3248
9 Interest rate spread, 10-year Treasury bonds less federal funds	0.1058
10 Index of consumer expectations	0.0295
 <u>Coincident Economic Index</u>	
1 Employees on nonagricultural payrolls	0.4949
2 Personal income less transfer payments	0.2615
3 Industrial production	0.1346
4 Manufacturing and trade sales	0.1090
 <u>Lagging Economic Index</u>	
1 Average duration of unemployment	0.0356
2 Inventories to sales ratio, manufacturing and trade	0.1192
3 Labor cost per unit of output, manufacturing	0.0631
4 Average prime rate	0.2731
5 Commercial and industrial loans	0.1071
6 Consumer installment credit to personal income ratio	0.2117
7 Consumer price index for services	0.1902

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. When one or more components are missing, the other factors are adjusted proportionately to ensure that the total continues to sum to 1.

These factors were revised effective on the release for February 2010, and all historical values for the three composite economic indexes were revised at this time to reflect the changes. (Under normal circumstances, updates to the leading, coincident, and lagging economic indexes only incorporate revisions to data over the past six months.) The factors for The Conference Board LEI for the U.S. were calculated using 1984-2008 as the sample period for measuring volatility. A separate set of factors for the 1959-1983 period is available upon request. The primary sample period for the coincident and lagging economic indexes was 1959-2008. For additional information on the standardization factors and the index methodology see: “Benchmark Revisions in the Composite Indexes,” *Business Cycle Indicators* December 1997 and “Technical Appendix: Calculating the Composite Indexes” *Business Cycle Indicators* December 1996, or the Web site: <http://www.conference-board.org/data/bci.cfm> The trend adjustment factor for The Conference Board LEI for the U.S is -0.0042, and the trend adjustment factor for The Conference Board LAG for the U.S is 0.1524.

To address the problem of lags in available data, those leading, coincident and lagging indicators that are not available at the time of publication are estimated using statistical imputation. An autoregressive model is used to estimate each unavailable component. The resulting indexes are therefore constructed using real and estimated data, and will be revised as the unavailable data during 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 economic index data such as stock prices, interest rate spread, and manufacturing hours that are available sooner than other data on real aspects of the economy such as manufacturers’ new orders. Empirical research by The Conference Board suggests that there are real gains in adopting this procedure to make all the indicator series as up-to-date as possible.

NOTICES

The Conference Board Leading Economic Index[®] (LEI) for the U.S. news release schedule for 2010:

Thursday, September 23, 2010	for August 2010 data
Thursday, October 21, 2010	for September 2010 data
Thursday, November 18, 2010	for October 2010 data
Friday, December 17, 2010	for November 2010 data

All releases are at 10:00 AM ET.

About The Conference Board

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

	2010						
	Jan	Feb	Mar	Apr	May	Jun	Jul
Leading index	107.6	108.0	109.5 r	109.5	110.0	109.7 r	109.8 p
Percent change	.6	.4	1.4 r	.0 r	.5	-.3 r	.1 p
Diffusion index	70.0	60.0	70.0	40.0	40.0	50.0	55.0
Coincident index	100.1	100.2	100.6	100.9	101.3 r	101.2 p	101.4 p
Percent change	.1	.1	.4	.3	.4 r	-.1 p	.2 p
Diffusion index	37.5	62.5	87.5	100.0	75.0	50.0	75.0
Lagging index	107.8	108.0 r	107.8 r	107.5 r	107.4 r	107.5 p	107.9 p
Percent change	-.1	.2 r	-.2	-.3	-.1	.1 p	.4 p
Diffusion index	35.7	42.9	50.0	35.7	35.7	42.9	64.3
Coincident-lagging ratio	92.9	92.8 r	93.3 r	93.9 r	94.3	94.1 p	94.0 p
	Jul to	Aug to	Sep to	Oct to	Nov to	Dec to	Jan to
	Jan	Feb	Mar	Apr	May	Jun	Jul
Leading index							
Percent change	5.0	4.8	5.1	4.6	4.0	2.5	2.0
Diffusion index	90.0	100.0	80.0	80.0	90.0	70.0	50.0
Coincident index							
Percent change	.6	.7	1.1	1.4	1.4	1.2	1.3
Diffusion index	50.0	50.0 r	87.5	100.0	100.0	100.0	100.0
Lagging index							
Percent change	-2.5	-2.0	-1.6	-1.6	-.8	-.4	.1
Diffusion index	21.4	35.7	28.6	21.4	21.4	21.4	50.0

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

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.

The full history of composite and diffusion indexes is available by subscription on our web site at www.conference-board.org/economics/bci

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

Component	2010						
	Jan	Feb	Mar	Apr	May	Jun	Jul
U.S. Leading Economic Index component data							
Average work week, production workers, mfg. (hours).....	40.9	40.5	41.0	41.2	41.5	41.0	41.1
Average weekly initial claims, state unemployment insurance (thousands)*.	481.2	467.4	448.1	459.1	460.4	467.0	459.2
Manufacturers' new orders, consumer goods and materials (mil. 1982 dol.).....	123,645	121,406 r	124,561 r	124,267	122,898 r	122,995 r	123,039 **
Index of supplier deliveries -- vendor performance (percent).....	60.1	61.1	64.9	61.3	61.0	57.3	58.3
Manufacturers' new orders, nondefense capital goods (mil. 1982 dol.).....	37890	41309	38550	41577	41356 r	40541 r	40737 **
Building permits (thous.).....	629	650	685	610	574	583 r	565
Stock prices, 500 common stocks (c) (index: 1941-43=10).....	1,123.58	1,089.16	1,152.05	1,197.32	1,125.06	1,083.36	1,079.80
Money supply, M2 (bil. chn. 2005 dol.)....	7,660.1 r	7,712.5 r	7,679.0 r	7,654.4 r	7,733.8 r	7,773.0 r	7,754.4 **
Interest rate spread, 10-year Treasury bonds less federal funds.....	3.62	3.56	3.57	3.65	3.22	3.02	2.83
Index of consumer expectations (c) (1966:1=100).....	70.1	68.4	67.9	66.5	68.8	69.8	62.3
LEADING INDEX (2004=100).....	107.6	108.0	109.5 r	109.5	110.0	109.7 r	109.8 p
Percent change from preceding month..	0.6	0.4	1.4 r	0.0 r	0.5	-0.3 r	0.1 p
U.S. Leading Economic Index net contributions							
Average work week, production workers, mfg.....	....	-.27	.33	.13	.20	-.33	.07
Average weekly initial claims, state unemployment insurance.....	....	.09	.14	-.08	-.01	-.05	.05
Manufacturers' new orders, consumer goods and materials.....	....	-.15 r	.21	-.02 r	-.09 r	.01 r	.00 **
Index of supplier deliveries -- (vendor performance).....	....	.07	.27	-.26	-.02	-.26	.07
Manufacturers' new orders, nondefense capital goods.....	....	.17	-.13	.15	-.01 r	-.04 r	.01 **
Building permits.....	....	.09	.14	-.30	-.16	.04 r	-.08
Stock prices, 500 common stocks (c)	....	-.12	.21	.14	-.23	-.14	-.01
Money supply, M2.....	....	.22 r	-.14 r	-.10 r	.34 r	.16 r	-.08 **
Interest rate spread, 10-year Treasury bonds less federal funds.....	....	.38	.38	.39	.34	.32	.30
Index of consumer expectations (c)	....	-.05	-.01	-.04	.07	.03	-.22

p Preliminary. r Revised. c Corrected.

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

** Statistical Imputation (See page 3 for more details)

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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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Table 3-Data and Net Contributions for Components of the U.S. Coincident Economic Index and U.S. Lagging Economic Index

Component	2010						
	Jan	Feb	Mar	Apr	May	Jun	Jul
U.S. Coincident Economic Index component data							
Employees on nonagricultural payrolls (thousands).....	129,602	129,641	129,849	130,162	130,594 r	130,373 r	130,242
Personal income less transfer payments (ann. rate, bil. chn. 2005 dol.).....	9,118.0 r	9,122.2 r	9,125.4 r	9,170.4 r	9,208.1 r	9,217.7 r	9,230.9 **
Industrial production (index: 2007=100).....	90.483	90.461 r	90.989 r	91.323 r	92.537 r	92.488 r	93.401
Manufacturing and trade sales (mil. chn. 2005 dol.).....	954,489 r	961,183 r	977,263 r	979,113 r	974,064 r	975,976 **	977,036 **
COINCIDENT INDEX (2004=100).....	100.1	100.2	100.6	100.9	101.3 r	101.2 p	101.4 p
Percent change from preceding month.....	0.1	0.1	0.4	0.3	0.4 r	-0.1 p	0.2 p
U.S. Coincident Economic Index net contributions							
Employees on nonagricultural payrolls.....	....	.01	.08	.12	.16 r	-.08 r	-.05
Personal income less transfer payments.....	....	.01 r	.01 r	.13 r	.11 r	.03 r	.04 **
Industrial production.....	....	.00 r	.08	.05 r	.18	-.01 r	.13
Manufacturing and trade sales.....	....	.08 r	.18 r	.02 r	-.06 r	.02 **	.01 **
U.S. Lagging Economic Index component data							
Average duration of unemployment (w eeks)*.....	30.2	29.7	31.2	33.0	34.4	35.2	34.2
Ratio, manufacturing and trade inventories to sales (chain 2005 dol.).....	1.343 r	1.338 r	1.321 r	1.322 r	1.332 r	1.331 **	1.331 **
Change in index of labor cost per unit of output, mfg. (6-month percent, ann. rate).....	-5.2 r	-3.7 r	-3.4 r	-4.50 r	-5.1 r	-5.0 r	-4.4 **
Average prime rate charged by banks (percent).....	3.25	3.25	3.25	3.25	3.25	3.25	3.25
Commercial and industrial loans outstanding (mil. chn. 2005 dol.).....	654,865 r	652,794 r	658,079 r	663,002 r	660,242 r	663,694 r	659,973 **
Ratio, consumer installment credit out- standing to personal income (percent).....	19.89 r	19.79 r	19.66 r	19.47 r	19.36 r	19.35 r	19.35 **
Change in CPI for services (6-month percent, ann. rate).....	.6	.6	.7	.6	.7	.7	1.4
LAGGING INDEX (2004=100).....	107.8	108.0 r	107.8 r	107.5 r	107.4 r	107.5 p	107.9 p
Percent change from preceding month.....	-.1	.2 r	-.2	-.3	-.1	.1 p	.4 p
U.S. Lagging Economic Index net contributions							
Average duration of unemployment.....	....	.06	-.18	-.20	-.15	-.08	.10
Ratio, manufacturing and trade inventories to sales.....	....	-.04 r	-.15 r	.01 r	.09 r	-.01 **	.00 **
Change in index of labor cost per unit of output, mfg.....	....	.09 r	.02 r	-.07 r	-.04 r	.01 r	.04 **
Average prime rate charged by banks.....	....	.00	.00	.00	.00	.00	.00
Commercial and industrial loans outstanding.....	....	-.03	.09 r	.08 r	-.04 r	.06 r	-.06 **
Ratio, consumer installment credit out- standing to personal income.....	....	-.11 r	-.14 r	-.21 r	-.12 r	-.01 r	.00 **
Change in CPI for services.....	....	.00	.02	-.02	.02	.00	.13

CPI Consumer Price Index. For additional notes see table 2.

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

** Statistical Imputation (See page 3 for more details)

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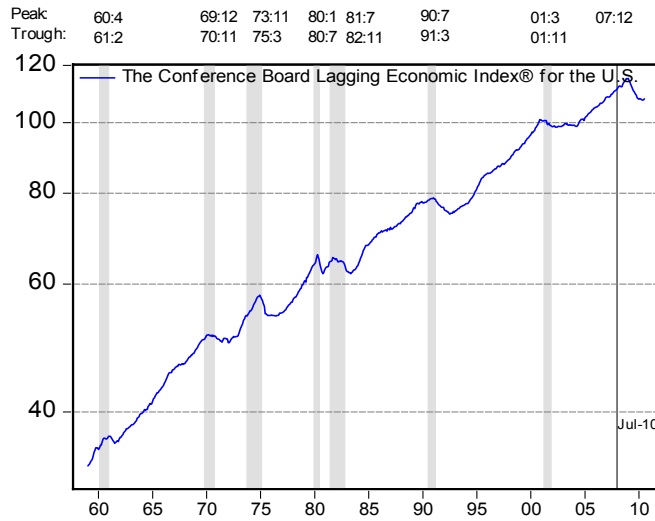
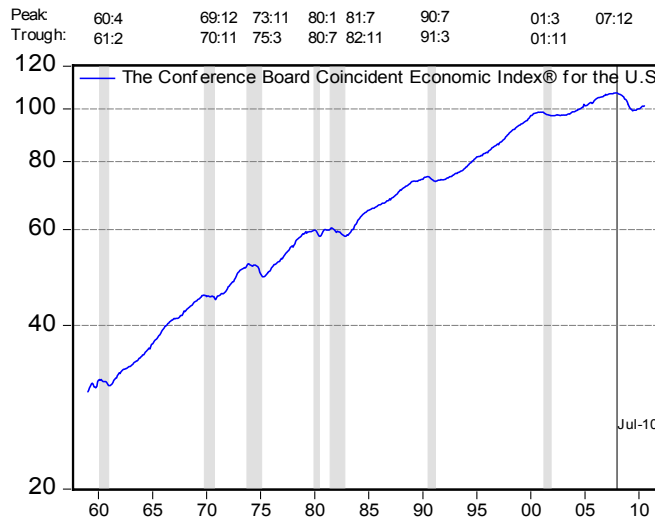
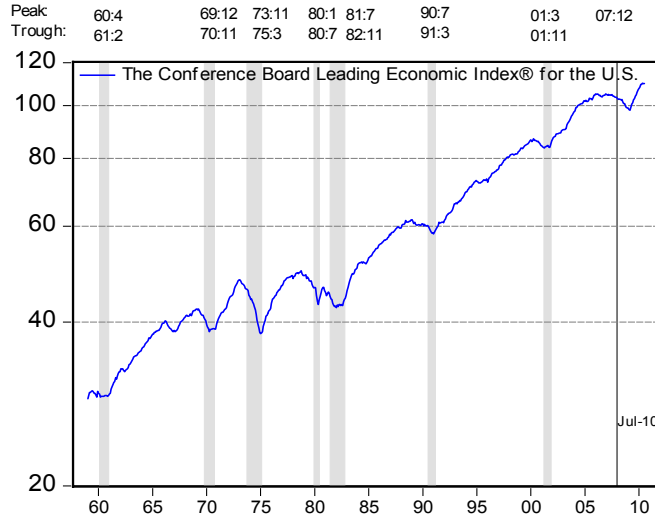
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U.S. Composite Economic Indexes (2004=100)



Shaded areas represent recessions.

Source: The Conference Board