

FOR RELEASE: 10:00 A.M. (BEIJING TIME), JULY 22, 2015

The Conference Board[®] China Business Cycle Indicators[™] THE CONFERENCE BOARD LEADING ECONOMIC INDEX[®] (LEI) FOR CHINA AND RELATED COMPOSITE ECONOMIC INDEXES FOR JUNE 2015

The Conference Board Leading Economic Index[®] (LEI) for China increased 1.0 percent and **The Conference Board Coincident Economic Index**[®] (CEI) increased 0.4 percent in June.

- The Conference Board LEI for China increased in June, with total loans issued by financial institutions making the largest positive contribution. During the first half of 2015, the leading economic index increased 6.0 percent (about a 12.3 percent annual rate), slightly up from the 5.7 percent increase (about an 11.7 percent annual rate) in the second half of last year. Moreover, the strengths among the leading indicators were balanced with the weaknesses in the last six months.
- The Conference Board CEI for China, a measure of current economic activity, also increased in June. Despite the gain, the coincident economic index increased 1.4 percent (about a 2.7 percent annual rate) during the first half of 2015, down from the 4.2 percent growth (about an 8.6 percent annual rate) over the prior six months. Meanwhile, according to the National Bureau of Statistics of China, real GDP grew by 7.0 percent (annual rate) in the second quarter– the same rate of growth as in the first quarter.
- The upward trend in the LEI for China has continued through the first half of this year, and as a result its six-month growth has picked up slightly from the second half of last year. Meanwhile, the CEI also continued to increase through June, but its six-month growth has slowed compared to the second half of 2014. Despite the modest improvement in the six-month growth rate of the LEI, slower growth in the CEI coupled with increased volatility in both indexes suggest that the rate of China's economic expansion is unlikely to accelerate in the near term.

<u>LEADING INDICATORS.</u> Five of the six components that make up The Conference Board LEI for China increased in June. The positive contributors to the index—in order from the largest positive contributor to the smallest—were total loans issued by financial institutions, the (inverted) PMI supplier delivery index, the 5000 industry enterprises diffusion index: raw materials supply index*, the consumer expectations index*, and total floor space started. The PMI new export orders index was unchanged in June.

The next release is scheduled for Tuesday, August 25, 2015 at 10:00 A.M. (Beijing time) In New York – Monday, August 24, 2015 at 10:00 P.M. (ET) With the increase of 1.0 percent in June, The Conference Board LEI for China now stands at 329.6 (2004=100). Based on revised data, this index increased 1.1 percent in May and increased 1.5 percent in April. During the six-month span through June, The Conference Board LEI for China increased 6.0 percent, and three of the six components advanced (diffusion index, six-month span equals 50.0 percent).

<u>COINCIDENT INDICATORS.</u> Four of the five components that make up The Conference Board CEI for China increased in June. The positive contributors to the index — in order from the largest positive contributor to the smallest — were retail sales of consumer goods, value-added industrial production, manufacturing employment*, and electricity production. Volume of passenger traffic declined in June.

With the increase of 0.4 percent in June, The Conference Board CEI for China now stands at 276.3 (2004=100). Based on revised data, this index increased 0.5 percent in May and decreased 0.7 percent in April. During the six-month span through June, The Conference Board CEI for China increased 1.4 percent, and four of the five components advanced (diffusion index, six-month span equals 80.0 percent).

FOR TABLES AND CHARTS, SEE BELOW

<u>DATA AVAILABILITY AND NOTES.</u> The data series used to compute **The Conference Board Leading Economic Index**[®] for China and **The Conference Board Coincident Economic Index**[®] for China reported in this release are those available "as of" 10:00 A.M. (ET) on July 20, 2015.

* The series in The Conference Board LEI for China that is based on our estimate are the consumer expectations index and the 5000 industry enterprises diffusion index: raw materials supply index. The series in The Conference Board CEI for China that is based on our estimates is manufacturing employment.

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<u>THE CYCLICAL INDICATOR APPROACH.</u> 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 China have occurred before those in aggregate economic activity, while the cyclical turning points in The Conference Board CEI for China 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: <u>www.conference-board.org/data/bci.cfm</u> China Composite Economic Indexes: Components and Standardization Factors

Leading Economic Index	Factor
1. Consumer Expectations Index	0.0872
 NBS Manufacturing PMI Sub-Indices: Export Orders 	0.0836
 NBS Manufacturing PMI Sub-Indices: PMI Supplier Deliveries, inverted 	0.2558
4. Total Loans Issued by Financial Institutions	0.1462
 5000 Industry Enterprises Diffusion Index: Raw Materials Supply Index 	0.4092
6. Total Floor Space Started	0.0180
Coincident Economic Index	
1. Value Added of Industrial Production	0.1935
2. Retail Sales of Consumer Goods	0.2009
3. Electricity Production	0.2230
4. Volume of Passenger Traffic	0.1080
5. Manufacturing Employment	0.2746

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 release in January 2013. Updates to the leading and coincident indexes normally only incorporate revisions to data over the past six months. The factors above for the leading economic index were calculated using the February 2005 to December 2011 as the sample period for measuring volatility. Separate sets of factors for the February 1996 to January 2005, June 1992 to January 1996, February 1990 to May 1992, and the February 1986 to January 1990 period, are available upon request. The factors above for coincident economic index were calculated using the February 2000 to December 2011 as the sample period. Separate sets of factors for the January 1990 to January 2000, January 1990, July 1986 to December 1989, and the February 1986 to June 1986 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 leading economic index are 0.6649 (calculated over the 2002 - 2011 period), 0.4178 (calculated over the 1992 - 2001 period), and -0.3803 (calculated over the 1986 - 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 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 Conference Board Leading Economic Index[®] (LEI) for China news release schedule for 2015:

Tuesday, August 25, 2015 Tuesday, September 22, 2015 Friday, October 23, 2015 Friday, November 20, 2015 Tuesday, December 22, 2015

For July 2015 data For August 2015 data For September 2015 data For October 2015 data For November 2015 data

All releases are at 10:00 A.M. (Beijing time).

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The Conference Board Leading Economic Index® (LEI) and The Conference Board Coincident Economic Index® (CEI) for China

Table 1Summary of China Composite Economic Indexes								
	2014						2015	
	Dec	Jan	Feb	Mar	Apr	May	Jun	
Leading index	311.0	312.8 p	317.2 p	317.7 p	322.5 p	326.2 p	329.6 p	
Percent change	0.9	0.6 p	1.4 p	0.2 p	1.5 p	1.1 p	1.0 p	
Diffusion index	83.3	33.3	83.3	41.7	100.0	83.3	91.7	
Coincident index	272.6	266.7 p	264.6 p	275.6 p	273.7 p	275.2 p	276.3 p	
Percent change	2.4	-2.2 p	-0.8 p	4.2 p	-0.7 p	0.5 p	0.4 p	
Diffusion index	100.0	60.0	60.0	100.0	60.0	80.0	80.0	
	Jun to	Jul to	Aug to	Sep to	Oct to	Nov to	Dec to	
	Dec	Jan	Feb	Mar	Apr	May	Jun	
Leading index								
Percent change	5.7	5.0 p	5.7 p	4.8 p	5.2 p	5.8 p	6.0 p	
Diffusion index	66.7	66.7	50.0	50.0	50.0	66.7	50.0	
Coincident index								
Percent change	4.2	0.8 p	-0.1 p	3.7 p	2.9 p	3.3 p	1.4 p	
Diffusion index	100.0	80.0	80.0	80.0	100.0	100.0	80.0	

Table 1.--Summary of China Composite Economic Indexe

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 www.conference-board.org/data/bci.cfm

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The Conference Board Leading Economic Index® (LEI) and The Conference Board Coincident Economic Index® (CEI) for China

Table 2.--Data and Net Contributions for Components of The Conference Board Leading Economic Index® (LEI) for China

	2014						2015	
Component	Dec.	Jan.	Feb.	Mar.	Apr.	May.	Jun.	
	China Leading Economic Index Component Data							
Consumer Expectations Index	109.10	109.00	113.00	110.30	110.90	113.40	113.67 **	
otal Loans Issued by Financial Institutions (Billions of 2004 Yuan, deflated by PPI, S.A.)	70652.49 r	72509.46 r	73747.27 r	75217.18 r	75721.59 r	76636.08 r	77689.42	
000 Ind Enterp Diffusion Index: aw Materials Supply (S.A., Q)	69.21	69.33 **	69.46 **	69.58 **	69.70 **	69.82 **	69.94 **	
MI: Manufacturing Supplier Delivery* (S.A.)	49.9	50.2	50.4	50.4	50.3	50.7	50.4	
MI: Manufacturing								
ew Export Orders (S.A.)	48.91	48.53	49.98 r	47.44	48.23 r	48.78 r	48.73	
loor Space Started: Total								
(Thousands of Sq M, S.A.)	149420.91 r	118407.81 r	122446.27 r	97601.86 r	130181.99 r	137185.39 r	138338.24	
EADING INDEX (2004=100)	311.0	312.8 p	317.2 p	317.7 p	322.5 p	326.2 p	329.6 p	
Percent change from preceding month	0.9	0.6 p	1.4 p	0.2 p	1.5 p	1.1 p	1.0 p	
	China Leading Economic Index Net Contributions							
onsumer Expectations Index		-0.01	0.35	-0.24	0.05	0.22	0.02 **	
tal Loans Issued by Financial Institutions Billions of 2004 Yuan, deflated by PPI, S.A.)		0.38	0.25	0.29 r	0.10 r	0.18 r	0.20	
000 Ind Enterp Diffusion Index:								

0.05 ** 0.05 ** 0.05 ** 0.05 ** 0.05 ** Raw Materials Supply (S.A., Q)..... 0.05 ** PMI: Manufacturing Supplier Delivery* (S.A.)..... -0.06 -0.07 0.00 0.04 -0 11 0.08 PMI: Manufacturing New Export Orders (S.A.). -0.03 0.12 -0.21 0.07 0.05 0.00 Floor Space Started: Total -0.42 r -0.41 r 0.51 r 0.09 0.02 (Thousands of Sq M, S.A.)..... 0.06 r

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

** Statistical Imputation -- Q: Quarterly series; these series are converted to monthly through a linear interpolation

Data Sources: CEIC, NBS, PBOC, The Conference Board

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 Leading Economic Index® (LEI) and The Conference Board Coincident Economic Index® (CEI) for China

Table 3.--Data and Net Contributions for Components of The Conference Board Coincident Economic Index® (CEI) for China

	2014						2015		
Component	Dec.	Jan.	Feb.	Mar.	Apr.	May.	Jun.		
	China Coincident Economic Index Component Data								
Value-Added of Industrial Production (Billions of 2004 Yuan, deflated by PPI, S.A.)	1541 r	1528 r	1535 r	1548 r	1552 r	1563 r	1577		
Retail Sales of Consumer Goods (Billions of 2004 Yuan, deflated by RPI, S.A.)	1853.2 r	1857.0 r	1818.9 r	1949.2 r	1936.3 r	1963.6 r	1992.4		
Volume of Passenger Traffic (Person Bn-Kilo, S.A.)	296.0 r	227.9 r	237.4 r	294.4 r	260.3 r	260.0 r	252.9		
Electricity Production (Billions of KWH, S.A.)	460.6 r	473.2 r	452.6 r	454.6	466.9 r	468.2 r	470.2		
Manufacturing Employment (Person Mn, S.A.)	89.3	89.6	90.0 **	90.3 **	90.7 **	91.0 **	91.4 **		
COINCIDENT INDEX (2004=100)	272.6	266.7 p	264.6 p	275.6 p	273.7 p	275.2 p	276.3 p		
Percent change from preceding month	2.4	-2.2 p	-0.8 p	4.2 p	-0.7 p	0.5 p	0.4 p		
	China Coincident Economic Index Net Contributions								
Value-Added of Industrial Production (Billions of 2004 Yuan, deflated by PPI, S.A.)		-0.15	0.08 r	0.17 r	0.05 r	0.14 r	0.17		
Retail Sales of Consumer Goods (Billions of 2004 Yuan, deflated by RPI, S.A.)		0.04 r	-0.42 r	1.39	-0.13 r	0.28	0.29		
Volume of Passenger Traffic (Person Bn-Kilo, S.A.)		-2.81 r	0.44 r	2.32 r	-1.33 r	-0.02 r	-0.30		
Electricity Production (Billions of KWH, S.A.)		0.60 r	-0.99 r	0.10	0.60	0.06	0.10		
Manufacturing Employment (Person Mn, S.A.)		0.11	0.11 **	0.11 **	0.11 **	0.11 **	0.11 **		

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

** Statistical Imputation -- Q: Quarterly series; these series are converted to monthly through a linear interpolation

The level of this series before January 2012 is an aggregate of employment data in 31 manufacturing industries. After January 2012 this series is extrapolated

from the monthly growth rate of the aggregated employment data in 24 manufacturing industries

Data Sources: CEIC, NBS, The Conference Board

CALCULATION NOTE -- The percent change in the index does not always equal the sum of the net contributions

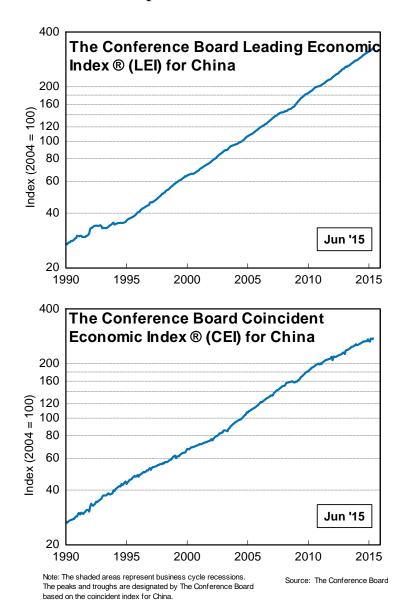
of the individual components (because of rounding effects and base value differences).

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China Composite Economic Indexes

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