

## FOR RELEASE: 10:00 A.M. (BEIJING TIME), TUESDAY, SEPTEMBER 25, 2012

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

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

## AND RELATED COMPOSITE ECONOMIC INDEXES FOR AUGUST 2012

**The Conference Board Leading Economic Index**<sup>®</sup> (LEI) for China increased 1.7 percent, and **The Conference Board Coincident Economic Index**<sup>®</sup> (CEI) increased 0.5 percent in August.

- The Conference Board LEI for China increased in August, mainly driven by large contributions from floor space started, total loans issued by financial institutions, and consumer expectations. With the increase, the six-month growth rate of the leading economic index between February and August 2012 stands at 5.2 percent (about a 10.7 percent annual rate), slightly down from the 5.6 percent rate (about an 11.6 percent annual rate) for the previous six months. Nevertheless, the strengths and weaknesses among the leading indicators have remained somewhat balanced in recent months.
- The Conference Board CEI for China, a measure of current economic activity, also increased in August with all components advancing. Between February and August 2012, the coincident economic index increased by 2.5 percent (about a 5.0 percent annual rate), down from the 3.6 percent increase (about a 7.4 percent annual rate) in the previous six months. However, the strengths among the coincident indicators remained more widespread than the weaknesses during the last six months. Meanwhile, according to the National Bureau of Statistics of China, real GDP increased by 7.6 percent in the second quarter of this year, compared to the same period last year. This is the slowest rate of expansion experienced since early 2009.
- The LEI for China increased in August. As a result, the six-month rate of growth in the leading economic index picked up somewhat, but it is still slightly slower than the rate of increase in the beginning of 2012 and well below the peak growth rate it reached in May. Meanwhile, The CEI for China also increased in August, but its six-month growth rate has slowed compared to the beginning of 2012. Taken together, the recent pick up in the LEI growth rate suggests that the risks of a sharp slowdown are low and that there may be a modest rebound in economic expansion in the near term.

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

The next release is scheduled for Thursday, October 25, 2012 at 10:00 A.M. (Beijing time)

In New York – Wednesday, October 24, 2012 at 10:00 P.M. (ET)

With the increase of 1.7 percent in August, The Conference Board LEI for China now stands at 240.4 (2004=100). Based on revised data, this index increased 0.6 percent in July and increased 0.1 percent in June. During the six-month span through August, The Conference Board LEI for China increased 5.2 percent, and four of the six components advanced (diffusion index, six-month span equals 66.7 percent).

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

With the increase of 0.5 percent in August, The Conference Board CEI for China now stands at 223.0 (2004=100). Based on revised data, this index increased 0.5 percent in July and increased 0.9 percent in June. During the six-month span through August, The Conference Board CEI for China increased 2.5 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**<sup>®</sup> for China and **The Conference Board Coincident Economic Index**<sup>®</sup> for China reported in this release are those available "as of" 10:00 A.M. (ET) on September 20, 2012.

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

Note: The Manufacturing Employment series in The Conference Board Coincident Economic Index <sup>®</sup> (CEI) for China is an aggregate of employment data in 31 manufacturing industries. Starting in January 2012, the National Bureau of Statistics of China discontinued the release of employment data in 7 industries. Therefore, the Manufacturing Employment series in the CEI for China after January 2012 is extrapolated from the monthly growth rate of the aggregated employment data from the remaining 24 industries. The Conference Board is undertaking research to find a suitable replacement for this series.

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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 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: <a href="www.conference-board.org/data/bci.cfm">www.conference-board.org/data/bci.cfm</a>

## China Composite Economic Indexes: Components and Standardization Factors

<u>Leading Economic Index</u>		<u>Factor</u>
1. Consumer Expectations	Index	0.0917
2. NBS Manufacturing PM	I Sub-Indices: Export	0.0813
Orders		
3. NBS Manufacturing PM		0.2589
Supplier Deliveries, inve	erted	
4. Total Loans Issued by Fi	nancial Institutions	0.1460
5. 5000 Industry Enterprise	es Diffusion Index: Raw	0.4046
Materials Supply Index		
6. Total Floor Space Starte	d	0.0175
Coincident Economic Index	<u> </u>	
1. Value Added of Industria	ll Production	0.1912
2. Retail Sales of Consumer	Goods	0.1969
3. Electricity Production		0.2256
4. Volume of Passenger Tra	ıffic	0.1073
5. Manufacturing Employm	ent	0.2790

#### 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 2012. 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 2010 period 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 2010 period as the sample period. Separate sets of factors for the February 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 0.6658 (calculated over the 2002 - 2010 period), 0.4193 (calculated over the 1992 - 2001 period), and -0.3793 (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 2012 schedule for "The Conference Board Leading Economic Index® for China" updates is:

September 2012 Data ... Wednesday, October 24, 2012 October 2012 Data ... Tuesday, November 20, 2012 November 2012 Data ... Wednesday, December 19, 2012

All releases are at 9:00 P.M. (10:00 P.M. EST) ET, 10:00 A.M. (Beijing time, following day).

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\$ 25

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# 世界大型企业研究会中国先行与同步经济指数

	7	文 1: 円	<b>国经价</b>	<b>指</b>	ζ.		
				2012			
	二月	三月	四月	五月	六月	七月	八月
中国先行经济指数	228.5	230.2 p	232.2 p	234.7 p	234.9 p	236.4 p	240.4 p
环比增长	1.0	0.7 p	0.9 p	1.1 p	0.1 p	0.6 p	1.7 p
扩散指数	75.0	41.7	58.3	75.0	25.0	41.7	75.0
中国同步经济指数	217.6	218.5 г	217.2 r	218.7 r	220.7 r	221.9	223.0 p
环比增长	4.0	0.4 r	-0.6	0.7 r	0.9	0.5	0.5 p
扩散指数	80.0	60.0	40.0	70.0	80.0	80.0	90.0
	八月至	九月至	十月至	十一月至	十二月至	一月至	二月至
	二月	三月	四月	五月	六月	七月	八月
中国先行经济指数							
环比增长	5.6	5.5 p	6.0 p	6.4 p	5.9 p	4.5 p	5.2 p
扩散指数	66.7	50.0	83.3	83.3	58.3	50.0	66.7
中国同步经济指数							
环比增长	3.6	3.4 r	2.7 r	2.3	2.3	6.0 r	2.5 p
扩散指数	80.0	100.0	80.0	80.0	60.0	100.0	80.0

表 1: 中国经济指数摘要

计算提示: 扩散指数用于衡量指数构成中增长与下降的指标的比例

增长率大于百分之0.05, 其扩散指标为1.0。如指标增长率小与百分之0.05, 其扩散指标为0.5。

当指标下降率大于百分之0.05时,其扩散指标为0.0。

如需更多信息,请查询网站: www.conference-board.org/data/bci.cfm

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p 初步估算 r 已修订 (此处只限于指数与月增长).

#### 世界大型企业研究会中国先行与同步经济指数

表2: 中国先行经济指数数据及各指标的净贡献率

	2012							
指标	二月	三月	四月	五月	六月	七月	八月	
	_		中国先行推	数各指标				
<b>当费者预期指数</b>								
季节调整后)	110.93	106.57	108.48	108.87	103.22	101.46	103.71	
è融机构人民币各项贷款总额 (十亿元计,以2004年生产价格指数为基准,季节调整后)	44932.96	45661.73 r	46256.93 r	47117.56 r	47968.01 r	48763.99 r	49640.25	
000户企业家调查扩散指数 原材料供应情况指数 (季节调整后, 季度数据)	63.73	63.75 **	63.76 **	63.77 **	63.79 **	63.80 **	63.81	
中国制造业采购经理指数(PMI) 共应商配送时间 (逆行指标,季节调整后)	50.26	48.85	49.22	49.10	49.46	49.16	49.81	
<ul><li>国制造业采购经理指数(PMI)</li><li>所出口订单(季节调整后)</li></ul>	50.20	49.47	49.83 r	49.00	47.56	47.23	47.48	
」山口以平(学 1 阿奎力)	30.20	49.47	49.83	49.00	47.30	47.23	47.48	
(千平方米计,季节调整后)	178520.63	169528.90	162157.53 r	173918.18	162342.49 r	146540.77	221308.77	
<b>七行指数</b> (2004=100)	228.5	230.2 p	232.2 p	234.7 p	234.9 p	236.4 p	240.4	
下比增长	1.0	0.7 p	0.9 p	1.1 p	0.1 p	0.6 p	1.7	
	中国先行指数各指标的净贡献率							
<b>当费者预期指数</b>	_							
季节调整后) è融机构人民币各项贷款总额		-0.40	0.18	0.04	-0.52	-0.16	0.21	
(十亿元计,以2004年生产价格指数为基准,季节调整后) 000户企业家调查扩散指数		0.23	0.19 r	0.27 r	0.26	0.24	0.26	
京材料供应情况指数 (季节调整后, 季度数据)	••••	0.01 **	0.01 **	0.01 **	0.00 **	0.00 **	0.00	
P国制造业采购经理指数(PMI)								
性应商配送时间 (逆行指标,季节调整后)		0.37 r	-0.10 r	0.03 r	-0.09 r	0.08 r	-0.17	
中国制造业采购经理指数(PMI)			0.05					
听出口订单 (季节调整后) 全国房屋建筑新开工面积		-0.06	0.03	-0.07	-0.12	-0.03	0.02	
(千平方米计,季节调整后)		-0.09	-0.08 r	0.12 r	-0.12 r	-0.18 r	0.71	

p 初步估算 r 已修订 n.a. 无数据 c 已改正 \* 逆行指标; 当此指标下降时,其对合成指数的净贡献率为正

数据来源: CEIC, 中国国家统计局, 中国人民银行, 世界大型企业研究会

计算提示--由于四舍五入的影响及基值的差异, 该指数的百分比变率并不总是等于各指标净贡献率的总和

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<sup>\*\*</sup> 统计估算 -- Q: 季度数据是通过线性插值转换为月度数据的

#### 世界大型企业研究会中国先行与同步经济指数

表3: 中国同步指数数据及各指标的净贡献率

				2012				
指标	二月	三月	四月	五月	六月	七月	八月	
-	中国同步指数各指标							
工业增加值产量 (十亿元计,以2004年生产价格指数为基准,季节调整后)	1224.3 г	1217.4 r	1214.9 r	1224.3 r	1235.4 r	1242.3 r	1250.1	
社会消费品零售总额 (十亿元计,以2004年零售价格指数为基准,季节调整后) 旅客周转量合计	1352.1 r	1364.9 г	1376.8 r	1390.6 г	1410.8 r	1424.7 r	1437.1	
(十亿人公里,季节调整后)	267.5 г	263.4 r	272.9 r	272.8 г	288.0 r	280.4 r	283.6	
发电量 (十亿千瓦小时,季节调整后)	397.9	402.3 r	384.2 r	390.0 г	387.2	395.1 г	395.2	
城镇制造业就业人数 (百万人,季节调整后,季度数据)	. 73.9 г	74.6 r	74.4 r	74.4 г	74.5	74.8 r	75.0 **	
同步指数 (2004=100)	217.6	218.5 r	217.2 r	218.7 r	220.7 r	221.9	<b>223.0</b> p	
环比增长	4.0	0.4 r	-0.6	0.7 r	0.9	0.5	0.5 p	
	中国同步指数各指标的净贡献率							
工业增加值产量 (十亿元计,以2004年生产价格指数为基准,季节调整后)		-0.11 r	-0.04 r	0.15 r	0.17	0.11	0.12	
社会消费品零售总额 (十亿元计,以2004年零售价格指数为基准,季节调整后)		0.19	0.17	0.20	0.28 г	0.19	0.17	
旅客周转量合计 (十亿人公里,季节调整后)		-0.17	0.38	0.00	0.58 г	-0.29 r	0.12	
发电量 (十亿千瓦小时,季节调整后)		0.25 r	-1.04	0.34 r	-0.16	0.45	0.01	
城镇制造业就业人数 (百万人,季节调整后,季度数据)		0.26	-0.07 r	-0.02	0.03	0.10 г	0.08 **	

p 初步估算 r 已修订 n.a. 无数据 c 已改正 \* 逆行指标; 当此指标下降时, 其对合成指数的净贡献率为正

计算提示--由于四舍五入的影响及基值的差异, 该指数的百分比变率并不总是等于各指标净贡献率的总和

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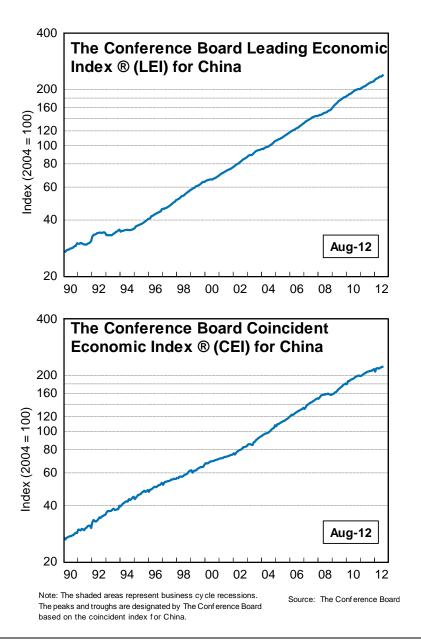
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<sup>\*\*</sup> 统计估算 -- Q: 季度数据是通过线性插值转换为月度数据的

数据来源: CEIC, 中国国家统计局, 中国人民银行, 世界大型企业研究会

# 中国先行与同步经济指数



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