

### FOR RELEASE: 10:00 A.M. (BEIJING TIME), WEDNESDAY, OCTOBER 19, 2011

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

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

#### AND RELATED COMPOSITE ECONOMIC INDEXES FOR AUGUST 2011

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

- The Conference Board LEI for China increased again in August. Total loans issued by financial institutions and the raw material supply sub index of the 5000 industrial enterprises diffusion index made the largest positive contributions to the index this month, more than offsetting a large decline from the consumer expectations index. With this month's gain, the six-month growth rate of the leading economic index continued to pick up to 3.6 percent (about a 7.4 percent annual rate) from February to August, from 0.9 percent (about a 1.8 percent annual rate) during the previous six months, but it remains slower than the second half of last year. The strengths and weaknesses among the leading indicators have been balanced in recent months.
- The Conference Board CEI for China, a measure of current economic activity, also increased in August. All components except volume of passenger traffic advanced this month. With the gain this month, the six-month increase in the coincident economic index rose to 5.6 percent (about an 11.4 percent annual rate) in the six-month period through August, from 1.2 percent (about a 2.4 percent annual rate) for the previous six months. The strengths among the coincident indicators have remained very widespread in recent months.
- The Conference Board LEI for China remained on an upward trend through August this year, but its diffusion indexes show that these gains have not been broad based. In the meantime, The Conference Board CEI for China also continued to rise, and its six-month growth rate has picked up as well. Taken together, the recent behavior of the composite indexes and their components suggests that although downside risks may be increasing, economic expansion will continue 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 loans issued by financial institutions, the 5000 industry enterprises diffusion index: raw materials supply index, the (inverted) PMI supplier delivery index, and total floor space started. The consumer expectations index and the PMI new export orders index declined in August.

With the increase of 0.5 percent in August, The Conference Board LEI for China now stands at 159.5 (2004=100). Based on revised data, this index increased 0.6 percent in July and increased 0.9 percent in June. During the six-month span through August, The Conference Board LEI for China increased 3.6 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 August. The positive contributors to the index – in order from the largest positive contributor to the smallest – include manufacturing employment, value-added of industrial production, retail sales of consumer goods, and electricity production. Volume of passenger traffic declined in August.

With the increase of 0.5 percent in August, The Conference Board CEI for China now stands at 207.1 (2004=100). Based on revised data, this index increased 0.4 percent in July and increased 1.3 percent in June. During the six-month span through August, The Conference Board CEI for China increased 5.6 percent, and all five components advanced (diffusion index, six-month span equals 100.0 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 October 14, 2011.

- \* There are no series in either The Conference Board LEI for China or The Conference Board CEI for China that are based on our estimates
- \*\* Beginning with data for January 2011, the manufacturing employment component is being released on a monthly basis by the National Bureau of Statistics. The component's scope and coverage have also been revised, but the quarterly history of this series has not been affected by these changes. We are currently monitoring this component and other employment indicators. If and when improvements become possible in the coverage of total employment, we will incorporate them into the coincident economic index.

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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

Leading Economic Index	<u>Factor</u>
Consumer Expectations Index	0.0935
2. NBS Manufacturing PMI Sub-Indices: Export Orders	0.0720
3. NBS Manufacturing PMI Sub-Indices: PMI Supplier	0.2231
Deliveries, inverted	
4. Total Loans Issued by Financial Institutions	0.1486
5. 5000 Industry Enterprises Diffusion Index: Raw Materials	0.4448
Supply Index	
6. Total Floor Space Started	0.0180
Coincident Economic Index	
1. Value Added of Industrial Production	0.1876
2. Retail Sales of Consumer Goods	0.2125
3. Electricity Production	0.1535
4. Volume of Passenger Traffic	0.1264
5. Manufacturing Employment	0.3200

#### 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 2011. 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 2009 period as the sample period for measuring volatility. Separate sets of factors for the January 2005, February 1996 to December 2004, 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 2009 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: <a href="https://www.conference-board.org/data/bci.cfm">www.conference-board.org/data/bci.cfm</a>

The trend adjustment factor for the leading economic index is 0.2883, calculated over the 1986-2009 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 2011 schedule for "The Conference Board Leading Economic Index® for China" updates is:

September 2011 Data ... Thursday, November 17, 2011
October 2011 Data ... Wednesday, December 14, 2011

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

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# 世界大型企业研究会中国先行与同步经济指数

表 1: 中国经济指数摘要

		<u>, I</u> ,	***	1日文义11月3	`		
				2011			
	二月	三月	四月	五月	六月	七月	八月
中国先行经济指数	153.9	155.4	155.7 r	156.4 r	157.8 r	158.7 r	159.5
环比增长	0.3	1.0	0.2 r	0.4	0.9	0.6	0.5
扩散指数	50.0	50.0	41.7	66.7	75.0	66.7	66.7
中国同步经济指数	196.2	198.7 r	201.2 r	202.5 r	205.1 r	206.0 r	207.1
环比增长	0.4	1.3 r	1.3	0.6	1.3 r	0.4	0.5
扩散指数	40.0	80.0	100.0	90.0	100.0	90.0	80.0
	八月至	九月至	十月至	十一月至	十二月至	一月至	二月至
	八月至 二月	九月至 三月	十月至 四月	十一月至 五月	十二月至 六月	一月至 七月	二月至 八月
中国先行经济指数	二月	三月	四月	五月	六月	七月	八月
环比增长	二月	三月	四月 0.7 r	五月 1.3 r	六月 3.3 r	七月 3.5 r	八月
	二月	三月	四月	五月	六月	七月	八月
环比增长	二月	三月	四月 0.7 r	五月 1.3 r	六月 3.3 r	七月 3.5 r	八月
环比增长 扩散指数	二月	三月	四月 0.7 r	五月 1.3 r	六月 3.3 r	七月 3.5 r	八月

p 初步估算 r 已修订(此处只限于指数与月增长).

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

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#### ⑥ 世界大型企业研究会 2011 年

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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。

#### 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

				2011				
指标	二月	三月	四月	五月	六月	七月	八	
	中国先行指数各指标							
肖费者预期指数								
季节调整后)	99.65	109.32	107.48	106.56	111.37	111.84	110.4	
金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)	38995.37	39197.38	r 39576.40	г 39981.08 г	40315.60 r	40741.56 r	41276.4	
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)		62.74	62.53	62.19	62.23	62.18	62.4	
中国制造业采购经理指数(PMI)	02.03	02.74	02.33	02.17	02.23	02.10	02.4	
共应商配送时间 (逆行指标,季节调整后) 中国制造业采购经理指数 ( PMI )	49.22	50.14	50.18	49.74	50.07	50.36	49.8	
所出口订单(季节调整后)	52.01	r 49.59	48.71	49.57 r	50.17	50.96	49.3	
全国房屋建筑新开工面积 (千平方米计,季节调整后)		174919.74	185066.21	192076.95	195977.54	209164.53	210229.5	
<b>七行指数</b> (2004=100)	153.9	155.4	155.7 r	156.4 г	157.8 г	158.7 г	159.	
下比增长	0.3	1.0	0.2 r	0.4	0.9	0.6	0	
	中国先行指数各指标的净贡献率							
肖费者预期指数								
季节调整后) ≥融机构人民币各项贷款总额		0.90	-0.17	-0.09	0.45	0.04	-0.1	
(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		0.08	r 0.14	r 0.15	0.12 r	0.16	0.1	
京材料供应情况指数 (季节调整后, 季度数据) 中国制造业采购经理指数 (PMI)		-0.05	-0.09	-0.15	0.02	-0.03	0.1	
应商配送时间 (逆行指标,季节调整后)		-0.20	-0.01	r 0.10 r	-0.07 r	-0.07 r	0.1	
P国制造业采购经理指数(PMI)		0.17	0.05	0.05	0.04	0.05		
所出口订单 (季节调整后) 全国房屋建筑新开工面积		-0.17	r -0.06	r 0.06	0.04	0.06 r	-0.1	
(千平方米计,季节调整后)		0.15	0.10	0.07	0.04	0.12	0.0	

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 \*\* 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

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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#### 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

,	表3:中国问夕相数数据及各相协的净贝颙率							
	2011							
指标	二月	三月	四月	五月	六月	七月	八月	
100000	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)	1086.9	1100.5	1106.7	1116.1	1130.9	1136.4	1146.7	
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)	1210.5	1223.8	1234.6	1245.5	1255.1	1262.5	1272.2	
旅客周转量合计 (十亿人公里,季节调整后)	245.6 r	240.5 r	253.4 r	253.4 г	261.2 r	261.3 r	260.4	
发电量	243.0 1	240.5 1	233.4 1	233.4 1	201.2 1	201.5 1	200.4	
久屯虽 (十亿千瓦小时,季节调整后)	369.3	378.3	379.2	381.2	387.1	388.3	388.8	
城镇制造业就业人数								
百万人,季节调整后,季度数据)	70.1 r	71.6 r	72.3 r	72.7 r	73.3 r	73.7 r	74.3	
司步指数 (2004=100)	196.2	198.7 r	201.2 r	202.5 r	205.1 r	206.0	207.1	
不比增长	0.4	1.3 r	1.3	0.6 r	1.3 r	0.4	0.5	
	中国同步指数各指标的净贡献率							
工业增加值产量 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)		0.23	0.11	0.16	0.25	0.09	0.17	
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)		0.23	0.19	0.19	0.16	0.12	0.16	
旅客周转量合计								
(十亿人公里,季节调整后)		-0.27 r	0.66	0.00	0.39	0.00	-0.04	
发电量 (十亿千瓦小时,季节调整后)		0.37	0.04	0.08	0.24	0.05	0.02	
	••••	0.37	0.04	0.08	0.24	0.05	0.02	
城镇制造业就业人数 (百万人,季节调整后,季度数据)		0.66 r	0.30 r	0.19 r	0.25 r	0.17 r	0.24	
(日7475) 4 区附正/口 子汉双/四/	••••	0.00 1	0.50 1	0.17 1	0.23 1	0.17 1	0.27	

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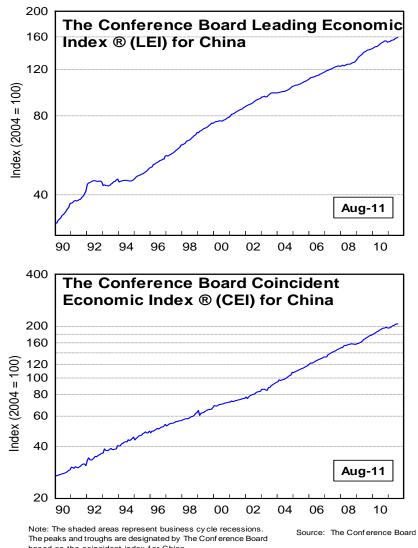
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<sup>\*\*</sup> 统计估算 -- Q: 季度数据是通过线性插值转换为月度数据的

## 中国先行与同步经济指数



based on the coincident index for China.

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