



THE CONFERENCE BOARD

FOR RELEASE: 10:00 A.M. (BEIJING TIME), WEDNESDAY, DECEMBER 15, 2010

The Conference Board<sup>®</sup>  
China Business Cycle Indicators<sup>SM</sup>  
**THE CONFERENCE BOARD LEADING ECONOMIC INDEX<sup>®</sup>**  
**(LEI) FOR CHINA**  
**AND RELATED COMPOSITE ECONOMIC INDEXES FOR OCTOBER 2010**

Next month's release will incorporate annual benchmark revisions to the composite indexes. These regular benchmark revisions bring the indexes up-to-date with revisions in the source data. The revisions do not change the cyclical properties of the indexes. The indexes are updated throughout the year, but only for the previous six months. Data revisions that fall outside of the moving six-month window are incorporated when the benchmark revision is made and the entire histories of the indexes are recomputed. As a result, the revised indexes and their month-over-month changes will no longer be directly comparable to those issued prior to the benchmark revision.

For more information, please visit our website at <http://www.conference-board.org/data/bci.cfm> or contact [indicators@conference-board.org](mailto:indicators@conference-board.org).

**The Conference Board Leading Economic Index<sup>®</sup> (LEI)** for China increased 0.9 percent, and **The Conference Board Coincident Economic Index<sup>®</sup> (CEI)** increased 0.1 percent in October.

- The Conference Board LEI for China increased again in October, with all components except consumer expectations advancing this month. With the gain in October, the six-month growth rate of the leading economic index continued to pick up, to 5.2 percent (a 10.6 percent annual rate) from April to October 2010, from 2.6 percent (a 5.3 percent annual rate) for the previous six months. The strengths among the leading indicators have remained widespread in recent months.
- The Conference Board CEI for China, a measure of current economic activity, increased slightly in October. Electricity production, which has declined for two consecutive months, made a large negative contribution to the index this month. With the small gain in October, the six-month growth rate of the coincident economic index has moderated somewhat, to 4.8 percent (a 9.8 percent annual rate) from April to October 2010, from 6.8 percent (a 14.0 percent annual rate) for the previous six months. In addition, the strengths among the coincident indicators have become slightly less widespread in the last six months, for the first time since April 2009.
- The Conference Board LEI for China continued its upward trend, with its six-month growth rate picking up slightly in recent months. Nonetheless, the consumer expectations index has declined for four consecutive months through October. In addition, this month The Conference Board CEI for China grew at the slowest monthly rate since early 2009, and its six-month growth rate has moderated slightly as a result. Taken together, the behavior of the composite indexes and their components suggest that despite moderating somewhat recently, the economic expansion should continue into 2011.

The next release is scheduled for Friday, January 14, 2011 at 10:00 A.M. (Beijing time)

*In New York – Thursday, January 13, 2011 at 9:00 P.M. (ET)*

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

With the increase of 0.9 percent in October, The Conference Board LEI for China now stands at 152.1 (2004=100). This index increased 0.6 percent in September and increased 0.7 percent in August. During the six-month span through October, The Conference Board LEI for China increased 5.2 percent, and five of the six components advanced (diffusion index, six-month span equals 83.3 percent).

**COINCIDENT INDICATORS.** Two of the five components that make up The Conference Board CEI for China increased in October. The positive contributors to the index include manufacturing employment\* and value-added industrial production. Electricity production and retail sales of consumer goods declined, while volume of passenger traffic remained unchanged in October.

With the increase of 0.1 percent in October, The Conference Board CEI for China now stands at 191.8 (2004=100). This index increased 0.7 percent in September and increased 1.0 percent in August. During the six-month span through October, The Conference Board CEI for China increased 4.8 percent, and four of the five components advanced (diffusion index, six-month span equals 80.0 percent).

**FOR TABLES AND CHARTS, SEE BELOW**

**DATA AVAILABILITY AND NOTES.** 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” 5:00 P.M. (ET) on December 10, 2010.

\* The series in The Conference Board LEI for China that is based on our estimates 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 estimates is manufacturing employment.

Because of an outlier in November 2009, the contribution to The Conference Board Leading Economic Index<sup>®</sup> (LEI) for China from the total floor space started component has been set to 0 in both November and December 2009. The monthly change in April, originally reported to be 1.7 percent was corrected June 29, 2010, to 0.3 percent, and was further revised to 0.0 due to a technical adjustment and also to regular updates from data sources in the July 14, 2010 release (For further information: <http://www.conference-board.org/data/bcicountry.cfm?cid=11>).

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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: [www.conference-board.org/data/bci.cfm](http://www.conference-board.org/data/bci.cfm)

### China Composite Economic Indexes: Components and Standardization Factors

<u>Leading Economic Index</u>	<u>Factor</u>
1. Consumer Expectations Index	0.0900
2. NBS Manufacturing PMI Sub-Indices: Export Orders	0.0814
3. NBS Manufacturing PMI Sub-Indices: PMI Supplier Deliveries, inverted	0.2074
4. Total Loans Issued by Financial Institutions	0.1502
5. 5000 Industry Enterprises Diffusion Index: Raw Materials Supply Index	0.4532
6. Total Floor Space Started	0.0178

<u>Coincident Economic Index</u>	
1. Value Added of Industrial Production	0.1809
2. Retail Sales of Consumer Goods	0.1712
3. Electricity Production	0.1730
4. Volume of Passenger Traffic	0.0905
5. Manufacturing Employment	0.3844

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 July 2010. 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 2008 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 2008 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](http://www.conference-board.org/data/bci.cfm)

The trend adjustment factor for the leading economic index is 0.2860, calculated over the 1986-2008 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:

November 2010 Data ... Friday, January 14, 2011

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

*\*The schedule for “The Conference Board Leading Economic Index® for China” from February to December 2011 will be available by the end of January 2011.*

### **ABOUT THE CONFERENCE BOARD**

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### **AVAILABLE FROM THE CONFERENCE BOARD:**

#### **China Business Cycle Indicators Internet Subscription**

*(Includes monthly release, data, charts and commentary)*

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*(Sample available at <http://www.conference-board.org/data/monthlybci.cfm>)*

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#### **BCI Handbook (published 2001)**

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## 世界大型企业研究会中国经济指数

### 表 1：中国经济指数摘要

	2010						
	四月	五月	六月	七月	八月	九月	十月
中国先行经济指数	144.6	145.8	147.6	148.8	149.9	150.8 p	152.1 p
环比增长	0.0	0.8	1.2	0.8	0.7	0.6 p	0.9 p
扩散指数	16.7	83.3	66.7	50.0	50.0	83.3	83.3
中国同步经济指数	183.0	184.6	187.3	188.3	190.2	191.6 p	191.8 p
环比增长	1.4	0.9	1.5	0.5	1.0	0.7 p	0.1 p
扩散指数	100.0	80.0	80.0	80.0	100.0	80.0	50.0

	十月至	十一月至	十二月至	一月至	二月至	三月至	四月至
	四月	四月	五月	六月	七月	八月	十月
中国先行经济指数							
环比增长	2.6	3.2	4.1	4.2	4.4	4.3 p	5.2 p
扩散指数	66.7	50.0	83.3	66.7	66.7	83.3	83.3
中国同步经济指数							
环比增长	6.8	6.7	8.1	7.1	5.9	6.1 p	4.8 p
扩散指数	100.0	100.0	100.0	100.0	100.0	100.0	80.0

p 初步估算 r 已修订 (此处只限于指数与月增长).

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](http://www.conference-board.org/data/bci.cfm)

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世界大型企业研究会中国经济指数

表 2：中国先行经济指数数据及各指标的净贡献率

指标	2010						
	四月	五月	六月	七月	八月	九月	十月
<b>中国先行指数各指标</b>							
消费者预期指数 (季节调整后).....	106.80	108.17	108.90	108.60	107.90	104.50 r	104.14
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).....	36107.54	36651.02	37157.58	38199.06	38875.27	39289.81 r	39804.78
5000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).....	63.41	63.12	64.12	64.90	65.47	65.83 **	66.08 **
中国制造业采购经理指数 (PMI) 供应商配送时间(逆行指标, 季节调整后).....	51.13	50.84	49.38	50.45	50.78	49.83	48.97
中国制造业采购经理指数 (PMI) 新出口订单(季节调整后).....	50.82	52.12	51.56	52.37	52.01	52.45	52.95
全国房屋建筑新开工面积 (千平方米计, 季节调整后).....	146819.77	162690.85	160833.16	154664.99	162526.32	166428.09	177593.43
<b>先行指数(2004=100).....</b>	<b>144.6</b>	<b>145.8</b>	<b>147.6</b>	<b>148.8</b>	<b>149.9</b>	<b>150.8 p</b>	<b>152.1 p</b>
环比增长.....	0.0	0.8	1.2	0.8	0.7	0.6 p	0.9 p
<b>中国先行指数各指标的净贡献率</b>							
消费者预期指数 (季节调整后).....	....	0.12	0.07	-0.03	-0.06	-0.31 r	-0.03
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).....	....	0.22	0.21	0.42	0.26	0.16 r	0.20
5000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).....	....	-0.13	0.45	0.35	0.26	0.17 **	0.11 **
中国制造业采购经理指数 (PMI) 供应商配送时间(逆行指标, 季节调整后).....	....	0.06	0.30	-0.22	-0.07	0.20	0.18
中国制造业采购经理指数 (PMI) 新出口订单(季节调整后).....	....	0.11	-0.05	0.07	-0.03	0.04	0.04
全国房屋建筑新开工面积 (千平方米计, 季节调整后).....	....	0.18	-0.02	-0.07	0.09	0.04	0.12

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经济指数

表3：中国同步指数数据及各指标的净贡献率

指标	2010						
	四月	五月	六月	七月	八月	九月	十月
<b>中国同步指数各指标</b>							
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)	976.4	987.1	1005.4	989.7	1002.4	1012.5	1024.2
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)	1093.4	1112.4	1134.5	1149.5	1170.6	1184.9	1182.0
旅客周转量合计 (十亿人公里, 季节调整后).....	226.1	224.1	233.6	234.7	235.7	242.7	242.6
发电量 (十亿千瓦时, 季节调整后).....	345.2	348.3	342.7	348.7	353.8	350.4	344.5
城镇制造业就业人数 (百万人, 季节调整后, 季度数据).....	72.9	73.5	74.8	75.3	75.6	76.1 **	76.6 **
<b>同步指数 (2004=100).....</b>	<b>183.0</b>	<b>184.6</b>	<b>187.3</b>	<b>188.3</b>	<b>190.2</b>	<b>191.6 p</b>	<b>191.8 p</b>
环比增长.....	1.4	0.9	1.5	0.5	1.0	0.7 p	0.1 p
<b>中国同步指数各指标的净贡献率</b>							
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)	....	0.20	0.33	-0.28	0.23	0.18	0.21
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)	....	0.29	0.34	0.22	0.31	0.21	-0.04
旅客周转量合计 (十亿人公里, 季节调整后).....	....	-0.08	0.37	0.04	0.04	0.27	0.00
发电量 (十亿千瓦时, 季节调整后).....	....	0.15	-0.28	0.30	0.25	-0.17	-0.29
城镇制造业就业人数 (百万人, 季节调整后, 季度数据).....	....	0.31	0.68	0.23	0.19	0.24 **	0.22 **

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

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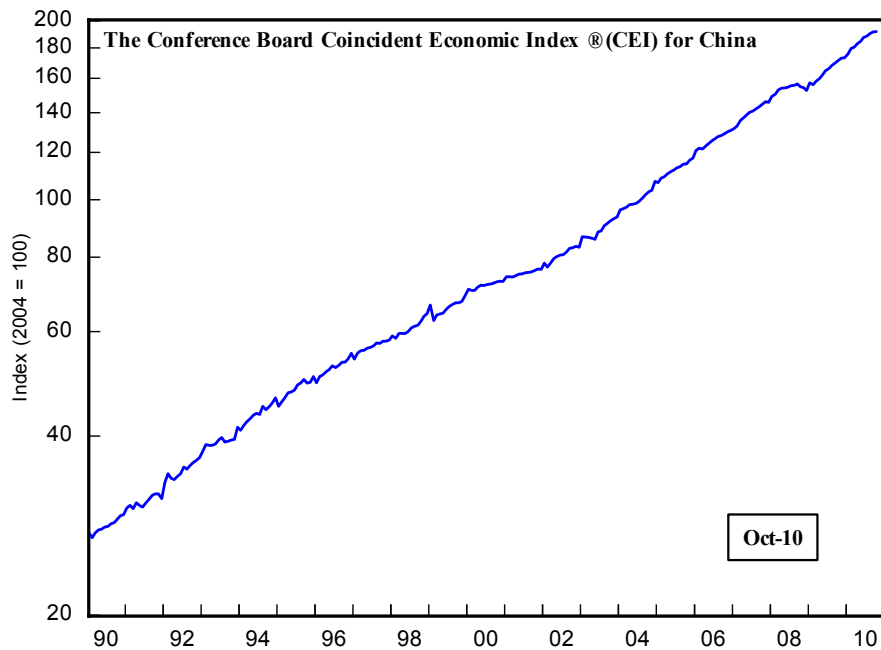
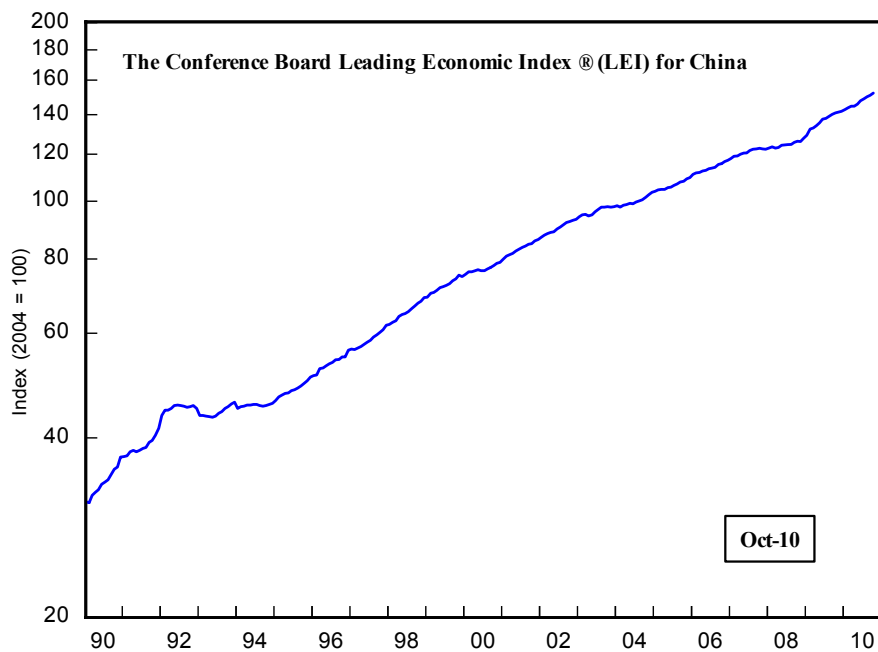
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### 中国经济指数图表



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