

### FOR RELEASE: 10:00 A.M. AEST, THURSDAY, MARCH 26, 2009

## The Conference Board<sup>®</sup> Australia Business Cycle Indicators<sup>™</sup> THE CONFERENCE BOARD LEADING ECONOMIC INDEX<sup>™</sup> (LEI) FOR AUSTRALIA AND RELATED COMPOSITE ECONOMIC INDEXES FOR JANUARY 2009

**The Conference Board Leading Economic Index<sup>TM</sup>** (LEI) for Australia declined 0.6 percent and **The Conference Board Coincident Economic Index<sup>TM</sup>** (CEI) increased 0.6 percent in January.

- The Conference Board LEI for Australia declined for the fifth straight month in January. Building approvals, share prices, and the yield spread contributed negatively to the index this month, more than offsetting positive contributions from real money supply and rural goods exports. The sixmonth change in the index has continued to decline -- to -3.8 percent (a -7.5 percent annual rate) in the period through January, down from 1.8 percent (a 3.6 percent annual rate) for the previous six months. However, the strengths among the leading indicators have been slightly more widespread than the weaknesses in recent months.
- The Conference Board CEI for Australia increased again in January, as retail sales continued to make a very large positive contribution to the index. The six-month change in the index has increased to 2.3 percent (a 4.6 percent annual rate) in the period through January, up from 0.5 percent (a 1.1 percent annual rate) for the previous six months, and the strengths among its components have remained widespread. Meanwhile, real GDP fell at a 0.9 percent average annual rate in the second half of 2008 (including a decline of 2.1 percent annual rate for the fourth quarter).
- The Conference Board LEI for Australia began to decrease in September 2008, and its pace of decline has picked up in recent months. The index is now falling at rates not seen since 2000-01. Meanwhile, The Conference Board CEI for Australia remains on an upward trend, although its growth over the past two months can be attributed primarily to a large jump in retail sales fueled by the economic stimulus package. All in all, the continued decline in the LEI suggests that the economy will remain weak in the near term.

<u>LEADING INDICATORS.</u> Three of the seven components in The Conference Board LEI for Australia increased in January. The positive contributors to the index — in order from the largest positive contributor to the smallest — are real money supply\*, the sales to inventories ratio\*, and rural goods exports\*. Building approvals\*, share prices, gross operating surplus\*, and the yield spread declined.

With the 0.6 percent decrease in January, The Conference Board LEI for Australia now stands at 111.2 (2004=100). Based on revised data, this index declined 1.1 percent in December and declined 1.3 percent in November. During the six-month period through January, the leading economic index decreased 3.8 percent, and four of the seven components increased (diffusion index, six-month span equals 57.1 percent).

The next release is scheduled for April 30, 2009 at 10:00 A.M. (AEST) In the U.S. – April 29, 2009 at 8:00 P.M. (ET) <u>COINCIDENT INDICATORS.</u> Two of the four components in The Conference Board CEI for Australia increased in January. The increases - in order from the larger positive contributor to the smaller – occurred in retail trade and household gross disposable income\*. Industrial production\* declined in January, while employment remained unchanged.

With the increase of 0.6 percent in January, The Conference Board CEI for Australia now stands at 113.1 (2004=100). Based on revised data, this index increased 0.8 percent in December and increased 0.1 percent in November. During the six-month period through January, the coincident economic index increased 2.3 percent, with three of the four components in the series making positive contributions (diffusion index, six-month span equals 75.0 percent).

\* See notes under data availability.

### FOR TABLES AND CHARTS, SEE BELOW

DATA AVAILABILITY. The data series used to compute **The Conference Board Leading Economic Index<sup>TM</sup>** (LEI) for Australia and **The Conference Board Coincident Economic Index<sup>TM</sup>** (CEI) for Australia reported in this release are those available "as of" 10 A.M. ET on March 23, 2009. Some series are estimated as noted below.

NOTES: Series in The Conference Board LEI for Australia that are based on our estimates are sales to inventory ratio and gross operating surplus for private non-financial corporations, the implicit price index used to deflate rural goods exports and building approvals, and the CPI used to deflate money supply M3. Series in The Conference Board CEI for Australia that are based on our estimates are industrial production and household disposable income. CPI was used to deflate retail trade.

Effective with the February 26, 2009 release, the seasonally adjusted retail trade data replaced the trend estimated series, the publication of which was suspended by the Australia Bureau of Statistics.

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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 Australia have occurred before those in aggregate economic activity, while the cyclical turning points in The Conference Board CEI for Australia 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 Web site: http://www.conference-board.org/economics/bci/.

Lea	ading Economic Index	Factor
1.	Yield Spread, 10 year minus Policy Rate	.1202
2.	Share Prices, All Ordinaries	.0437
3.	Money Supply, M3	.2540
4.	Rural Goods Exports	.0284
5.	Sales to Inventory Ratio	.3633
6.	Gross Operating Surplus, Private Non-Financial Corporations	.1336
7.	Building Approvals	.0567
Coi	incident Economic Index	
1.	Retail Trade	.3459
2.	Industrial Production	.0953
3.	Employed Persons	.3761
4.	Household Disposable Income	.1827

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

### 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 January 2009 release, and all historical values for the two composite economic indexes have been revised at the time to reflect the changes. (Under normal circumstances, updates to the leading and coincident economic indexes only incorporate revisions to data over the past six months.) The factors above were calculated using 1979 to 2007 as the sample period for measuring volatility for The Conference Board LEI for Australia, and 1982 to 2007 as the sample period for The Conference Board CEI for Australia. There are additional sample periods as 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: http://www.conference-board.org/economics/bci/.

The trend adjustment factor for The Conference Board LEI for Australia is -0.0595 calculated from 1960-1973, and -0.1527 calculated over the sample period 1974-2007.

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 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 the data, such as stock prices, that are available sooner than other data on "real" aspects of the economy, such as new orders and changes in inventory. 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 schedule for "The Conference Board Leading Economic Index<sup>TM</sup> (LEI) for Australia" news release for 2009 is:

February 2009 Data March 2009 Data April 2009 Data May 2009 Data June 2009 Data July 2009 Data August 2009 Data September 2009 Data October 2009 Data Wednesday, April 29, 2009 Wednesday, May 27, 2009 Wednesday, June 24, 2009 Monday, July 27, 2009 Wednesday, August 26, 2009 Tuesday, September 29, 2009 Wednesday, October 28, 2009 Monday, November 23, 2009 Monday, December 21, 2009

All releases are at 8:00 PM EST (10:00 AM AEDST the next day).

### About The Conference Board

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### AVAILABLE FROM THE CONFERENCE BOARD:

Australia Business Cycle Indicators Internet Subscription<br/>(Includes monthly release, data, charts and commentary)not currently available<br/>not currently availableIndividual Data Seriesnot currently available<br/>\$ 275 per yearMonthly BCI Report\$ 275 per year(Sample available at <a href="http://www.conference-board.org/publications/describeBCI.cfm">http://www.conference-board.org/publications/describeBCI.cfm</a>)BCI Handbook (published 2001)\$ 20Corporate Site Licensecontact Indicators Program at (212) 339-0330

Business Cycle Indicators for France, Germany, Japan, Korea, Mexico, Spain and the U.K. are available at \$635 per country per year (1 user). Discounts are available to Associates of The Conference Board and accredited academic institutions.

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Table 1Summary of Australia Composite Economic Indexes													
	2008											2009	
	Jul. Aug.		Sep.	Sep. Oct.			Nov.	Dec.		Jan.			
Leading index	115.6	116.1	r	115.2	r	114.6	r	113.1	r	111.9	р	111.2	р
Percent change	0.1	0.4	r	-0.8	r	-0.5	r	-1.3	r	-1.1	р	-0.6	р
Diffusion index	57.1	78.6		28.6		42.9		28.6		42.9		50.0	
Coincident index	110.6	110.8	r	111.1	r	111.4	r	111.5	r	112.4	р	113.1	р
Percent change	0.3	0.2	r	0.3	r	0.3	r	0.1	r	0.8	р	0.6	р
Diffusion index	75.0	75.0		37.5		50.0		25.0		62.5		62.5	
T	Jan to	Feb to		Mar to		Apr to		May to		Jun to		Jul to	
	Jul	Aug		Sep		Oct		Nov		Dec		Jan	
Leading index													
Percent change	1.8	2.4		1.2		0.0		-2.1		-3.1		-3.8	
Diffusion index	42.9	64.3		42.9		57.1		28.6		42.9		57.1	
Coincident index													
Percent change	0.5	0.7		1.0		1.1		1.3		1.9		2.3	
Diffusion index	75.0	75.0		50.0		50.0		50.0		75.0		75.0	

### The Conference Board Australia Business Cycle Indicators

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.

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			2008	8								2009	
Component	Jul.		Aug.		Sep.		Oct.		Nov.		Dec.	Jan.	
	Australia Leading Economic Index component data												
Yield Spread (10 Year - Policy Rate, 3 month moving average)	-0.81		-0.60		-0.91		-1.22		-1.48		-1.29	-0.75	
Share Prices, All Ordinaries (Index 1995=100)	155.3		160.3		143.6		125.4		116.8		116.1	110.5	
Money Supply, M3 (Mill. Constant A\$, SA)	640120	r	645645 r	65	56 1 55	r	664324	r	671771	r	670098 r	676286 #*	
Building Approvals, (Thous. '96-'97 A\$, SA, 3 month moving average)	6743411	r	6586941 r	637	71272	r	5848316	r	5142325	r	4585181 r	4135189 #	
Rural Goods Exports, (Mill. Constant A\$, SA)	2083.1	r	2203.1 r	2	075.1	r	2505.4	r	2374.2	r	2377.7 r	2490.0 #	
Sales to Inventories Ratio, SA (Q)	1.550	r	1.550		1.560	r	1.570	r	1.580	r	1.590 **	1.590 **	
Gross Operating Surplus, Private Non-Financial Corp. (Mill. '96-'97 A\$, SA, Q)	61027	r	61952 r		60595	r	59246	r	57905	r	57086 **	56616 **	
LEADING INDEX (2004=100) Percent change from preceding month	<b>115.6</b> 0.1		<b>116.1</b> r 0.4 r		<b>115.2</b> -0.8		<b>114.6</b> -0.5		<b>113.1</b> -1.3		<b>111.9 p</b> -1.1 p	<b>111.2 р</b> -0.6 р	
			Austra	alia Le	ading	Ec	onomic Inc	lex	net contrib	outio	ons		
Yield Spread (10 Year - Policy Rate, 3 month moving average)			-0.07		-0.11		-0.15		-0.18		-0.16	-0.09	
Share Prices, All Ordinaries (Index 1995=100)			0.14		-0.48		-0.59		-0.31		-0.03	-0.22	
Money Supply, M3 (Mill. Constant A\$, SA)			0.22 r		0.41		0.31	r	0.28	r	-0.06 r	0.23	
Building Approvals, (Thous. '96-'97 A\$, SA, 3 month moving average)			-0.13 r		-0.19	r	-0.49	r	-0.73	r	-0.65 r	-0.59	
Rural Goods Exports, (Mill. Constant A\$, SA)			0.16 r		-0.17		0.53		-0.15	r	0.00	0.13	
Sales to Inventories Ratio, SA (Q)			0.08 r		0.24	r	0.23	r	0.23	r	0.18 **	0.15 **	
Gross Operating Surplus, Private Non-Financial Corp.			0.00				0.00		<b>.</b>		0.40		

### The Conference Board Australia Business Cycle Indicators

p Preliminary. r Revised. - \* Inverted series; a negative change in this component makes a positive contribution.

 $\ensuremath{\texttt{\#}}\xspace$  Estimates of the quarterly deflator (implicit price index) are used to deflate these series

## Estimates of the quarterly deflator (CPI) are used to deflate money supply.

(Mill. '96-'97 A\$, SA, Q)....

Money Supply (M3) level from April 2002 and on are derived from growth rates reported by the Reserve Bank of Australia \*\* Statistical Imputation (See page 2 for more details) -- Q: Quarterly series; these series are converted to monthly through a linear interpolation

. . . .

\*\* Statistical Imputation (See page 2 for more details) -- Q: Quarterly series; these series are converted to monthly through a linear interpolation Data Sources: Australian Bureau of Statistics, Reserve Bank of Australia, Thomson Financial

0.20 r

-0.30 r

-0.30 r

-0.31 r

-0.19 \*\*

-0.11 \*\*

Data Sources. Australian Bureau of Statistics, Reserve Bank of Australia, momson Financial

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 Australia Business Cycle Indicators

	2008												
Component	Jul.	Aug.		Sep.	Oct.	Nov.	Dec.	2009 Jan.					
· · · · ·	Australia Coincident Economic Index component data												
Retail Trade													
(Mill. Constant A\$, SA, 3-month moving average)	11062.5	11072		11072.0	11048.6	11036.1	11223.0	11381.6	i				
ndustrial Production													
(Index 1997-98=100, SA, Q)	104.4 r	104.2	r	103.2 r	102.1 r	101.0 r	100.3 **	99.8	*				
Employed Persons													
(Thousands of Persons, SA)	10788.7 r	10795.9	r	10789.6 r	10820.6 r	10808.2 r	10808.4 r	10808.7	,				
Household Gross Disposable Income,													
(Mill. Constant A\$, SA. Q)	110347.2 r	111181.0	r	113343.7 r	115504.9 r	117664.6 r	119267.7 **	120500.7	· *				
COINCIDENT INDEX (2004=100)	110.6	110.8	r	<b>111.1</b> r	111.4 r	111.5 r	112.4 p	113.1	р				
Percent change from preceding month	0.3	0.2	r	0.3 r	0.3 <b>r</b>	0.1 r	0.8 p	0.6	р				
	Australia Coincident Economic Index net contributions												
Retail Trade		0.03		0.00	-0.07	-0.04	0.58	0.49					
(Mill. Constant A\$, SA, 3-month moving average)		0.03		0.00	-0.07	-0.04	0.58	0.49	,				
ndustrial Production				0.40	0.40	0.40	0.07.44	0.05					
(Index 1997-98=100, SA, Q)		-0.01		-0.10	-0.10 r	-0.10 r	-0.07 **	-0.05	) ^				
Employed Persons													
(Thousands of Persons, SA)		0.03	r	-0.02 r	0.11	-0.04 r	0.00	0.00	)				
Household Gross Disposable Income,													
(Mill. Constant A\$, SA. Q)		0.14	r	0.35 r	0.35 r	0.34 r	0.25 **	0.19	) '				

### Table 3.--Data and Net Contributions for Components of the Australia Coincident Economic Index

\* Inverted Series, a negative change in this component makes a positive contribution

\*\* Statistical Imputation (See page 2 for more details)

## Estimates of the quarterly deflator (CPI) are used to deflate retail trade

Q Quarterly series; these series are converted to monthly through a linear interpolation.

Data Sources: Australian Bureau of Statistics, Reserve Bank of Australia, Thomson Financial

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

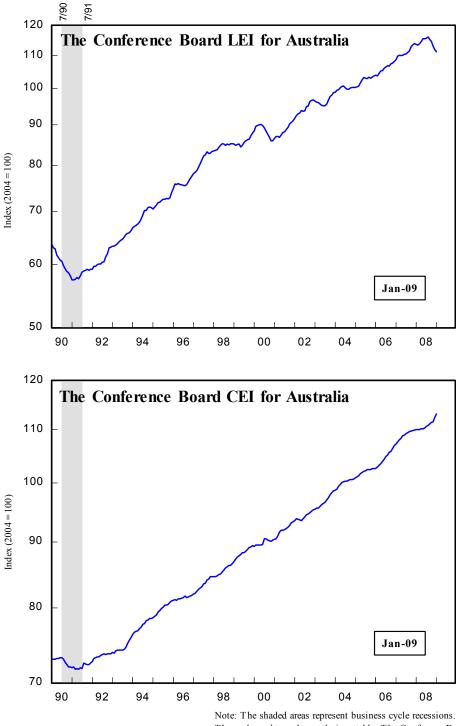
of the individual components (because of rounding effects and base value differences).

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Source: The Conference Board

Note: The shaded areas represent business cycle recessions. The peaks and troughs are designated by The Conference Board based on the coincident index and real GDP.