

FOR RELEASE: 10:00 A.M. (CST), FRIDAY, FEBRUARY 27, 2009

The Conference Board®
Mexico Business Cycle Indicators SM

# THE CONFERENCE BOARD LEADING ECONOMIC INDEX<sup>TM</sup> (LEI) FOR MEXICO

#### AND RELATED COMPOSITE ECONOMIC INDEXES FOR DECEMBER 2008

The Conference Board Leading Economic Index<sup>TM</sup> (LEI) for Mexico declined 2.6 percent and The Conference Board Coincident Economic Index<sup>TM</sup> (CEI) for Mexico decreased 1.5 percent in December.

- TCB's LEI for Mexico declined sharply again in December. Oil prices continued to make a very large negative contribution to the index, followed by the construction component of industrial production, the real exchange rate, and the net insufficient inventories component. During the last half of 2008, TCB's LEI for Mexico declined by 15.5 percent (a -28.7 percent annual rate), considerably lower than the 3.7 percent rate (a 7.5 percent annual rate) between December 2007 and June 2008. In addition, weaknesses among the leading indicators have remained very widespread, with all components declining over the past six months.
- TCB's CEI for Mexico also declined sharply in December, as a result of large decreases in employment, industrial production, and retail sales. Between June and December 2008, TCB's CEI for Mexico declined 3.5 percent (a -6.9 percent annual rate), well below the increase of 2.3 percent annual rate during the first half of 2008. In addition, weaknesses among the coincident indicators remain very widespread, with none of the components increasing in recent months. Meanwhile, real GDP growth slowed to a 1.7 percent average annual rate in the second and third quarters of 2008, well below the 4.3 percent average annual rate of growth for the second half of 2007.
- After reaching its highest level in April 2008, **The Conference Board Leading Economic Index**<sup>TM</sup> (LEI) for Mexico has weakened significantly, with its rate of decline accelerating very rapidly in recent months. At the same time, **The Conference Board Coincident Economic Index**<sup>TM</sup> (CEI) for Mexico has been falling since June 2008. Taken together, the recent behavior of the composite economic indexes suggests that economic activity should remain weak going forward, and that there are increasing risks for further deterioration in the near term.

<u>LEADING INDICATORS.</u> One of the six components that make up The Conference Board Leading Economic Index<sup>TM</sup> (LEI) for Mexico increased in December. The positive contributor to the index was the stock price component. The US refiners' acquisition cost of domestic and imported crude oil, the industrial production construction component, the (inverted) real exchange rate, and net insufficient inventories component decreased in December. The (inverted) federal funds rate remained unchanged.

With the 2.6 percent decrease in December, TCB's LEI for Mexico now stands at 102.2 (2004=100). Based on revised data, this index declined 4.6 percent in November and declined 6.2 percent in October. During the six-month span through December, the index decreased 15.5 percent, with none of the six components increasing (diffusion index, six-month span equals 0.0 percent).

\*See notes under data availability.

<u>COINCIDENT INDICATORS</u>. None of the three components that make up The Conference Board Coincident Economic Index<sup>TM</sup> (CEI) for Mexico increased in December. The number of people employed (as measured by total IMSS beneficiaries), industrial production and retail sales all declined in December.

With the decrease of 1.5 percent in December, TCB's CEI for Mexico now stands at 109.2 (2004=100). Based on revised data, this index decreased 0.8 percent in November and decreased 0.3 percent in October. During the six-month span through December, the index decreased 3.5 percent, with none of the three components increasing (diffusion index, six-month span equals 0.0

\*See notes under data availability.

<u>DATA AVAILABILITY</u>. The data series used by The Conference Board to compute The Conference Board Leading Economic Index<sup>TM</sup> (LEI) for Mexico and The Conference Board Coincident Economic Index <sup>TM</sup>(CEI) for Mexico reported in this release are those available "as of" 10 A.M. ET on February 24, 2009. Some series are estimated as noted below.

NOTES: With this month's release, none of the components in The Conference Board Leading Economic Index<sup>TM</sup> (LEI) for Mexico were based on The Conference Board estimates. None of the components in The Conference Board Coincident Economic Index<sup>TM</sup> (CEI) for Mexico were based on The Conference Board estimates.

Professional Contacts at The Conference Board: Media Contacts:

**Indicator Program:** 1-212-339-0330 Frank Tortorici: 1-212-339-0231

Carol Courter: 1-212-339-0232

Website: http://www.conference-board.org/economics/bci/

\*\*\* \*\*\*

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 leading economic index have occurred before those in aggregate economic activity, while the cyclical turning points in the coincident economic index have occurred at about the same time as those in aggregate economic activity.

Further explanations of the cyclical indicator approach and the composite index methodology appear in The Conference Board's Business Cycle Indicators report and Web site: http://www.conference-board.org/economics/bci/.

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

Lea	ding Economic Index	<u>Factor</u>
1.	Industrial Production, Construction Component	.1848
2.	Stock Prices	.0545
3.	U.S. Refiners' Acquisition Cost of Domestic and Imported Crude Oil	.0867
4.	Net Insufficient Inventories	.4190
5.	Federal Funds Rate	.0975
6.	Real Exchange Rate	.1575
Coi	naidant Eagnamia Inday	
<u>C01</u>	ncident Economic Index	
1.	Industrial Production	.3883
2.	Retail Sales	.1948
3.	Employment	.4169

#### 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 2009, and all historical values for the two composite indexes were revised at this time to reflect the changes. Under normal circumstances, updates to the leading and coincident indexes only incorporate revisions to data over the past six months. The factors above for the leading economic index were calculated using January 1990 to December 2007 as the sample period for measuring volatility. Separate sets of factors for the January 1980 to April 1981 period, May 1981 to January 1983 period, and February 1983 to January 1990 period are available upon request. The factors above for the coincident economic index were calculated using February to December 2007 as the sample period. Separate sets of factors for the April 1980 to March1986 period, and April 1986 to January 2007 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: http://www.conference-board.org/economics/bci.

The trend adjustment factor for the leading index is 0.0171 (calculated over the 1980 to 2007 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 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 2009 schedule for "The Conference Board Leading Economic Index<sup>TM</sup> (LEI) for Mexico" news release is:

January 2009 Data......... Friday, March 27, 2009
February 2009 Data....... Wednesday, April 29, 2009
March 2009 Data....... Friday, May 29, 2009
April 2009 Data...... Friday, June 26, 2009
May 2009 Data...... Thursday, July 30, 2009
June 2009 Data....... Friday, August 28, 2009
July 2009 Data...... Thursday, September 24, 2009
August 2009 Data...... Thursday, October 29, 2009
September 2009 Data...... Monday, November 23, 2009
October 2009 Data...... Monday, December 21, 2009

All releases are at 10:00 A.M. (CST), 11:00 A.M. (ET).

### **About The Conference Board**

For over 90 years, The Conference Board has created and disseminated knowledge about management and the marketplace to help businesses strengthen their performance and better serve society. The Conference Board operates as a global independent membership organization working in the public interest. It publishes information and analysis, makes economics-based forecasts and assesses trends, and facilitates learning by creating dynamic communities of interest that bring together senior executives from around the world. The Conference Board is a not-for-profit organization and holds 501(c)(3) tax-exempt status in the United States. For additional information about The Conference Board and how it can meet your needs, visit our website at <a href="https://www.conference-board.org">www.conference-board.org</a>.

#### AVAILABLE FROM THE CONFERENCE BOARD

Mexico Business Cycle Indicators Internet Subscription \$ 635 per year (1 user)

(Includes monthly release, data, charts and commentary)

Individual Data Series \$35 per series downloaded

Monthly BCI Report \$ 275 per year (Sample available at http://www.conference-board.org/publications/describeBCI.cfm)

BCI Handbook (published 2001) \$ 20

Corporate Site License contact 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.

### THESE DATA ARE FOR ANALYSIS PURPOSES ONLY. NOT FOR REDISTRIBUTION, PUBLISHING, DATABASING, OR PUBLIC POSTING WITHOUT EXPRESS WRITTEN PERMISSION.

#### The Conference Board Mexico Business Cycle Indicators

Table 1.--Summary of Mexico Composite Economic Indexes

				2008			
	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Leading index	121.0	121.2 r	120.2 r	117.3 r	110.0 r	104.9 r	102.2
Percent change	0.2	0.2 r	-0.8 r	-2.4	-6.2 r	-4.6 r	-2.6
Diffusion index	33.3 r	66.7	33.3	0.0	25.0	16.7	25.0
Coincident index	113.2	112.5 r	112.3 r	112.1 r	111.8 r	110.9 r	109.2
Percent change	0.9	-0.6 r	-0.2	-0.2	-0.3	-0.8 r	-1.5
Diffusion index	100.0	50.0	0.0	33.3	33.3	0.0	0.0
	Dec. to	Jan. to	Feb. to	Mar. to	Apr. to	May to	Jun. to
	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Leading index							
Percent change	3.7	5.0 r	2.3 r	-1.0 r	-9.6 r	-13.1 r	-15.5
Diffusion index	33.3	66.7	50.0	50.0	0.0	0.0	0.0
Coincident index							
Percent change	1.2	0.2 r	-0.8 r	-0.3 r	-1.2 r	-1.2 r	-3.5
Diffusion index	83.3	66.7	50.0 r	33.3	33.3	33.3	0.0

p Preliminary. r Revised (both 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/economics/bci

#### © The Conference Board

These data are protected by copyright and are for news analysis purposes only.

The data and analysis are not for databasing by any means, redistribution,

publishing, or public posting without express written permission from The Conference Board.

### THESE DATA ARE FOR ANALYSIS PURPOSES ONLY. NOT FOR REDISTRIBUTION, PUBLISHING, DATABASING, OR PUBLIC POSTING WITHOUT EXPRESS WRITTEN PERMISSION.

#### The Conference Board Mexico Business Cycle Indicators

Table 2.--Data and Net Contributions for Components of the Mexico Leading Economic Index

Table 2Data and Ne						2008					
Component	Jun.	Jul.		Aug.		Sep.		Oct.		Nov.	Dec.
	Mexico Leading Economic Index component data										
Industrial Production, Construction Component, SA	404.0	400.0		404.0		400.7	_	400.7		4400	445.7
Index, 2003=100	121.8 r	123.2	r	121.2	r	120.7	r	122.7	Г	118.2 r	115.7
Stock Prices, IPC35 (BOLSA)											
October 1978=0.78	29395.49	27501.02		26290.99		24888.90		20445.32		20534.72	22380.32
US Refiners' Acquisition Cost of Domestic and											
Imported Crude Oil US\$ per Composite Barrel	127.32	129.03		113.71		98.91		74.22		53.32 r	39.82
Net Insufficient Inventories											
Difference, (3 month moving average), Survey	-12.15 r	-11.87	r	-10.82		-11.23	r	-13.24	r	-15.48 r	-15.72
Federal Funds, Money Market Rate*											
Percentage, Monthly Average	8.00	8.28		8.56		8.66		8.68		8.73	8.74
Real Exchange Rate, (Central Bank Settlement Rate)*											
Peso/US\$, Monthly Average	17.50 r	17.37	r	17.02	r	17.72	r	20.60	r	20.97 r	21.15
, i i j											
LEADING INDEX (2004=100)	121.0	121.2	r	120.2	r	117.3	r	110.0	r	<b>104.9</b> r	102.2
Percent change from preceding month		0.2	r	-0.8	r	-2.4		-6.2	r	-4.6 r	-2.6
			M	exico Leadir	ng E	conomic Inde	x n	et contributi	ons		
Industrial Production, Construction Component, SA											
Index, 2003=100		0.20	r	-0.29	r	-0.09	r	0.30	r	-0.68 r	-0.41
Stock Prices, IPC35 (BOLSA)											
October 1978=0.78		-0.36		-0.25		-0.30		-1.07		0.02	0.47
US Refiners' Acquisition Cost of Domestic and											
Imported Crude Oil US\$ per Composite Barrel		0.12		-1.09		-1.21		-2.47		-2.84 r	-2.51
Net Insufficient Inventories											
Difference, (3 month moving average), Survey		0.12	r	0.44	r	-0.17	r	-0.84	r	-0.94 r	-0.10
Federal Funds, Money Market Rate*											
Percentage, Monthly Average		-0.03		-0.03		-0.01		0.00		0.00	0.00
		2.30		2.00				2.00			2.00
Real Exchange Rate, (Central Bank Settlement Rate)*		0.12		0.32		-0.63		-2.37		-0.28	-0.13
Peso/US\$, Monthly Average	••••	0.12	ı	0.32	- 1	-0.03	1	-2.37	1	-0.26	-0.13

p Preliminary. r Revised. n.a. Not available.

Data Sources: INEGI; Bank of Mexico; U.S. Department of Energy; Thomson Financial

#### © The Conference Board

These data are protected by copyright and are for news analysis purposes only.

The data and analysis are not for databasing by any means, redistribution,

publishing, or public posting without express written permission from The Conference Board.

<sup>#</sup> CPI used to calculate the EX is forecasted

<sup>\*</sup> Inverted series; a negative change in this component makes a positive contribution to the index.

<sup>\*\*</sup> Statistical Imputation (See page 2 for more details)

## THESE DATA ARE FOR ANALYSIS PURPOSES ONLY. NOT FOR REDISTRIBUTION, PUBLISHING, DATABASING, OR PUBLIC POSTING WITHOUT EXPRESS WRITTEN PERMISSION.

#### The Conference Board Mexico Business Cycle Indicators

Table 3.--Data and Net Contributions for Mexico Coincident Economic Index

0	2008									
Component	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.			
	Mexico Coincident Economic Index Component Data									
Industrial Production, SA										
ndex, (2003=100), 3 month moving average	116.5 r	114.5 r	114.3 r	113.9 r	113.4 r	112.1 r	110.8			
Retail Sales, SA										
Index, (2000=100), 3 month moving average	121.6 r	121.6 r	121.0 r	119.9 r	118.6 r	117.7 r	116.7			
Employment, IMSS Beneficiaries										
Thousands, monthly average	14473	14483	14461	14526	14565	14505	14178			
COINCIDENT INDEX (2004=100)	<b>113.2</b> r	<b>112.5</b> r	<b>112.3</b> r	<b>112.1</b> r	<b>111.8</b> r	<b>110.9</b> r	109.2			
Percent change from preceding month		-0.6 r	-0.2 r	-0.2 r	-0.3 r	-0.8 r	-1.5			
	Mexico Coincident Economic Index net contributions									
Industrial Production, SA										
Index, (2003=100), 3 month moving average		-0.67 r	-0.06 r	-0.15 r	-0.16 r	-0.45 r	-0.46			
Retail Sales, SA										
Index, (2000=100), 3 month moving average		0.00 r	-0.08 r	-0.18 r	-0.21 r	-0.16 r	-0.16			
Employment, IMSS Beneficiaries										
Thousands, monthly average		0.03 r	-0.06 r	0.19 r	0.11 r	-0.17 r	-0.95			

p Preliminary. r Revised. n.a. Not available.

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).

#### Data Sources: INEGI; IMSS; Thomson Financial

#### © The Conference Board

These data are protected by copyright and are for news analysis purposes only.

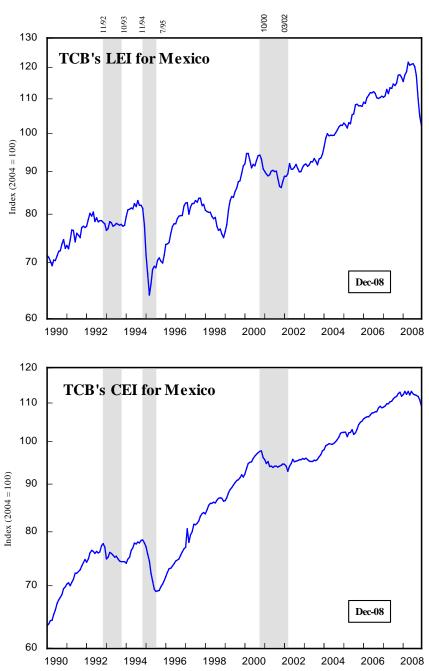
The data and analysis are not for databasing by any means, redistribution,

publishing, or public posting without express written permission from The Conference Board.

<sup>\*</sup> Inverted series; a negative change in this component makes a positive contribution to the index.

<sup>\*\*</sup> Statistical Imputation (See page 2 for more details)





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.