

FOR RELEASE: 10:00 A.M. (CST), WEDNESDAY, APRIL 29, 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 FEBRUARY 2009

The Conference Board Leading Economic Index<sup>TM</sup> (LEI) for Mexico declined 0.5 percent and The Conference Board Coincident Economic Index<sup>TM</sup> (CEI) for Mexico decreased 0.9 percent in February.

- The Conference Board LEI for Mexico declined again in February due to negative contributions from the real exchange rate (inverted) and the stock price index offsetting positive contributions from net insufficient inventories and oil prices. During the previous six months, the leading economic index declined 17.3 percent (a -31.6 percent annual rate), which is well below the 2.2 percent increase (a 4.5 percent annual rate) between February and August 2008. In addition, the weaknesses among the leading indicators have remained widespread in recent months.
- The Conference Board CEI for Mexico, a measure of current economic activity, also declined again in February. Between August 2008 and February 2009, the coincident economic index declined 5.2 percent (a -10.1 percent annual rate), faster than the decline of 0.9 percent (a -1.8 percent annual rate) during the previous six-month period. In addition, the weaknesses among the coincident indicators have remained very widespread, with none of the components increasing over the past six months. Meanwhile, real GDP contracted at an average annual rate of 4.5 percent in the second half of 2008 (including a decline of 10.3 percent annual rate in the fourth quarter), its sharpest decline since the 1994-95 economic downturn.
- The Conference Board LEI for Mexico has declined precipitously since its most recent peak in April 2008, falling by 18.4 percent during this period. Furthermore, the pace of the six-month decline has accelerated in recent months. At the same time, The Conference Board CEI for Mexico has been falling since June 2008, and its decrease over the past six months is the largest since 1995. Taken together, the recent behavior of the composite economic indexes suggests that the contraction in economic activity is unlikely to end soon and that economic conditions could deteriorate further in the near term.

<u>LEADING INDICATORS</u>. Three of the six components that make up The Conference Board LEI for Mexico increased in February. The positive contributors to the index—from the largest positive contributor to the smallest one—are net insufficient inventories, the US refiners' acquisition cost of domestic and imported crude oil, and the (inverted) federal funds rate. The (inverted) real exchange rate, stock prices, and the industrial production construction component decreased in February.

With the 0.5 percent decrease in February, The Conference Board LEI for Mexico now stands at 99.3 (2004=100). Based on revised data, this index declined 1.8 percent in January and declined 3.2 percent in December. During the six-month span through February, the index decreased 17.3 percent, with one of the six components increasing (diffusion index, six-month span equals 16.7 percent).

<u>COINCIDENT INDICATORS</u>. None of the three components that make up The Conference Board CEI for Mexico increased in February. Industrial production, number of people employed (measured by total IMSS beneficiaries), and retail sales declined in February.

With the decrease of 0.9 percent in February, The Conference Board CEI for Mexico now stands at 106.4 (2004=100). Based on revised data, this index decreased 1.6 percent in January and decreased 1.6 percent in December. During the six-month span through February, the index decreased 5.2 percent, with none of the three components increasing (diffusion index, six-month span equals 0.0 percent).

<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. April 27, 2009. Some series are estimated as noted below.

NOTES: With this month's release, none of the components in The Conference Board LEI for Mexico or The Conference Board CEI for Mexico were based on our estimates.

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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 Mexico have occurred before those in aggregate economic activity, while the cyclical turning points in The Conference Board CEI for Mexico 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: <a href="http://www.conference-board.org/economics/bci/">http://www.conference-board.org/economics/bci/</a>.

<sup>\*</sup>See notes under data availability.

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

<u>Leading Economic Index</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			
<u>Coincident Economic Index</u>					
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 economic 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 Conference Board LEI for Mexico 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 Conference Board CEI for Mexico 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: <a href="http://www.conference-board.org/economics/bci">http://www.conference-board.org/economics/bci</a>.

The trend adjustment factor for The Conference Board LEI for Mexico 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:

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 11:00 A.M. (ET) and 10:00 A.M. (CST).

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## The Conference Board Mexico Business Cycle Indicators

Table 1.--Summary of Mexico Composite Economic Indexes

	2008					2009		
	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	
_eading index	120.1	117.3	110.2	105.0	101.6 r	99.8 r	99.3	
Percent change	-0.9	-2.3	-6.1	-4.7	-3.2 r	-1.8 r	-0.5	
Diffusion index	33.3	0.0	25.0	16.7	25.0	16.7	50.0	
Coincident index	112.2	112.1	111.8	111.0	109.2 r	107.4	106.4	
Percent change	-0.3	-0.1	-0.3	-0.7	-1.6 r	-1.6 r	-0.9	
Diffusion index	0.0	33.3	33.3	0.0	0.0	0.0	0.0	
I	Feb. to	Mar. to	Apr. to	May to	Jun. to	Jul. to	Aug. to	
	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	
_eading index								
Percent change	2.2	-1.0	-9.4	-13.0	-16.0	-17.7 r	-17.3	
Diffusion index	50.0	50.0	0.0	0.0	0.0	0.0	16.7	
Coincident index								
Percent change	-0.9	-0.3	-1.2	-1.1	-3.5 r	-4.5	-5.2	
Diffusion index	33.3	33.3	33.3	33.3	0.0	0.0	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.

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### The Conference Board Mexico Business Cycle Indicators

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

		-	2008	_		20	09
Component	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.
			Mexico Leading	Economic Inde	x component data		
Industrial Production, Construction Component, SA Index, 2003=100	121.3 r	120.7	122.7 r	118.2	r 115.5 r	114.5 r	114.2
Stock Prices, IPC35 (BOLSA)							
October 1978=0.78	26290.99	24888.90	20445.32	20534.72	22380.32	19565.14	17752.18
US Refiners' Acquisition Cost of Domestic and Imported Crude Oil US\$ per Composite Barrel	113.71	98.91	74.22	53.33	37.67	37.44 r	38.43
Net Insufficient Inventories Difference, (3 month moving average), Survey	-10.98 r	-11.29	-12.82 r	15.39	r -15.89 r	-16.71 r	-15.53
Federal Funds, Money Market Rate* Percentage, Monthly Average	8.56	8.66	8.68	8.73	8.74	8.41	7.94
Real Exchange Rate, (Central Bank Settlement Rate)* Peso/US\$, Monthly Average	17.02	17.72	20.60	20.97	21.15	21.92	23.01
LEADING INDEX (2004=100)	120.1	117.3	110.2	105.0	<b>101.6</b> r	<b>99.8</b> r	99.3
Percent change from preceding month		-2.3	-6.1	-4.7	-3.2 r	-1.8 r	-0.5
			Mexico Leading	Economic Inde	x net contributions	3	
Industrial Production, Construction Component, SA Index, 2003=100		-0.08	r 0.30 r	-0.69	r -0.43	-0.16 r	-0.04
Stock Prices, IPC35 (BOLSA) October 1978=0.78		-0.30	-1.07	0.02	0.47	-0.73	-0.53
US Refiners' Acquisition Cost of Domestic and Imported Crude Oil US\$ per Composite Barrel		-1.21	-2.47	-2.84	-2.98	-0.05 r	0.23
Net Insufficient Inventories Difference, (3 month moving average), Survey		-0.13	r -0.64	-1.08	r -0.21 r	-0.34 r	0.49
Federal Funds, Money Market Rate* Percentage, Monthly Average		-0.01	0.00	0.00	0.00	0.03	0.05
Real Exchange Rate, (Central Bank Settlement Rate)* Peso/US\$, Monthly Average		-0.63	-2.37	-0.28	-0.13	-0.56	-0.76

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

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

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<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)

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# The Conference Board Mexico Business Cycle Indicators

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

Commont	2008					2009		
Component	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	
	Mexico Coincident Economic Index Component Data							
Industrial Production, SA								
Index, (2003=100), 3 month moving average	115.0	114.6	114.1	112.9	111.4 r	108.1	106.5	
Retail Sales, SA								
Index, (2000=100), 3 month moving average	121.0 r	119.9	118.6	117.7	116.7 r	115.6 r	114.5	
Employment, IMSS Beneficiaries								
Thousands, monthly average	14461	14526	14565	14505	14178	14073	14027	
COINCIDENT INDEX (2004=100)	112.2	112.1	111.8	111.0	<b>109.2</b> r	107.4	106.4	
Percent change from preceding month		-0.1	-0.3	-0.7	-1.6 r	-1.6 r	-0.9	
	Mexico Coincident Economic Index net contributions							
Industrial Production, SA								
Index, (2003=100), 3 month moving average		-0.12	-0.16 r	-0.44 r	-0.51 r	-1.15 r	-0.61	
Retail Sales, SA								
Index, (2000=100), 3 month moving average		-0.18	-0.21 r	-0.15	-0.16 r	-0.18 r	-0.19	
Employment, IMSS Beneficiaries								
Thousands, monthly average		0.19	0.11	-0.17	-0.95	-0.31	-0.14	

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

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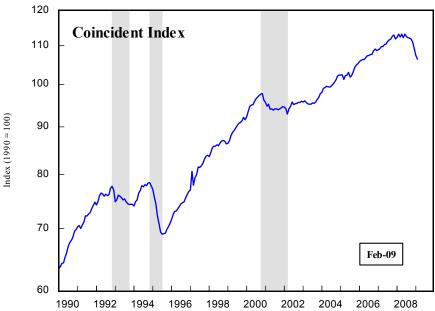
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<sup>\*</sup> Inverted series; a negative change in this component makes a positive contribution to the index.

<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.