#### Taiwan Business Indicators in March 2008

Press Release

Council for Economic Planning and Development

April 28, 2008

In March 2008, Taiwan's business cyclical indicators showed signs of deceleration. Among the indicators compiled by the Cabinet's Council for Economic Planning and Development (CEPD), the six-month rate of change of leading index decreased 0.4 point and the trend-adjusted coincident index decreased 0.3% from the previous month. The monitoring indicators signaled "green" for the fifth consecutive month. The inflationary pressure from international oil and commodity markets and the financial turbulence following the U.S. subprime mortgage crisis have added downside risks to the prospects for the domestic economy.

1. Leading Indicators: The composite leading index stood at 149.1, decreasing by 0.1% from February. Its annualized six-month rate of change decreased by 0.4 point to 0.2%, which displayed a downtrend from September 2007. Among the seven indicators making up the composite index, Stock price index, real monetary aggregates M1B\*, and average monthly overtime hours in industry and services had positive cyclical movements from previous month. Building permits, the index of export orders, SEMI book-to-bill ratio, and the index of producer's inventory had negative cyclical movements from previous month.

(Note: components marked with an asterisk indicate real terms)

2. Coincident Indicators: The coincident index stood at 157.2, up by 0.1% from February. Its trend-adjusted series decreased by 0.3% to 101.1. Among the seven indicators making up the composite index, manufacturing sales\* and customs-cleared exports\* have positive cyclical movements from previous month. Sales index of wholesale,

- retail and food services, electric power consumption, imports\* of machineries and electrical equipments, index of industrial production, and nonagricultural employment have negative cyclical movements from previous month.
- 3. The Monitoring Indicators: The total score in March remained 27 points, the same as the previous month. Among the nine components, four showed changes in their individual light signals, two with gains and two with loss. The improvement was recorded in direct and indirect finance, imports of machineries and electrical equipments. The fall was recorded in nonagricultural employment, Customs-cleared exports. The light signals for money supply M1B, stock prices, industrial production, manufacturing sales and wholesale, retail and food services remained unchanged.

~~ The next release is scheduled for May 27, 2008 ~~

# **Leading Indicators**

Seasonally adjusted

		200	07	2008				
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
<b>Composite Index</b>	149.7	150.3	150.3	149.8	149.6	149.2	149.1	
Change from preceding month (%)	0.3	0.4	0.0	-0.3	-0.1	-0.3	-0.1	
Annualized 6-month rate of change (%)	4.8	4.7	3.9	2.5	1.7	0.6	0.2	
Change from preceding month (point)	-0.4	-0.1	-0.8	-1.4	-0.8	-1.1	-0.4	
Components								
Index of export orders (2006=100)	116.9	114.9	116.0	117.9	118.5	115.9	118.0	
Real monetary aggregates M1B (NT\$ billion)	8,176	8,142	8,008	7,856	7,804	7,710	7,821	
Stock prices (1966=100)	9,069	9,605	8,800	8,309	7,923	7,999	8,440	
Index of producer's Inventory (2001=100)	107.7	108.5	109.9	108.7	112.4	113.2	113.6 <sub>p</sub>	
Average monthly overtime in industry and services (hours/month)	9.4	9.4	9.3	9.2	9.1	9.1	9.2 <sub>p</sub>	
Building Permits * (1000m2)	2,008	2,661	2,629	3,043	2,494	2,072	1,791	
SEMI Book-to-Bill Ratio	0.79	0.8	0.82	0.85	0.89	0.92	0.89	

#### **Coincident Indicators**

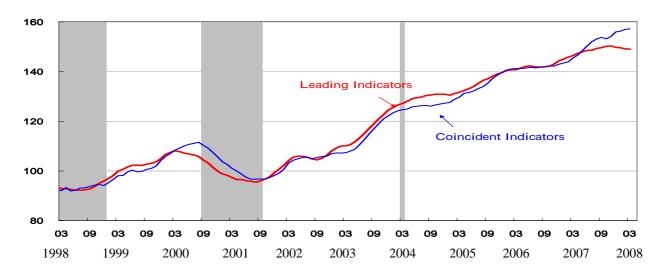
Seasonally adjusted

		20	07	2008				
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
<b>Composite Index</b>	153.8	153.2	154.1	156.0	156.3	157.0	157.2	
Change from preceding month (%)	0.4	-0.4	0.6	1.2	0.2	0.5	0.1	
Trend adjusted index	101.7	100.8	101.0	101.7	101.4	101.4	101.1	
Change from preceding month (%)	-0.1	-0.8	0.1	0.7	-0.3	-0.0	-0.3	
Components								
Industrial production (2001=100)	154.9	157.4	157.2	155.8	158.0	159.9	158.6	
Electric power consumption (billion KWH)	10.62	10.99	10.86	10.77	11.35	11.23	10.32	
Real manufacturing sales (NT\$ billion)	815.3	824.7	810.4	827.9	808.4	855.4	855.2 <sub>p</sub>	
Sales index of wholesale, retail, and food services (2001=100)	126.5	127.4	123.4	125.5	127.2	124.5	123.3	
Nonagricultural employment (1,000)	9,778	9,774	9,789	9,812	9,823	9,840	9,848	
Real customs-cleared exports (NT\$ billion)	673.1	679.3	655.8	693.2	678.1	711.1	722.9	
Real machineries and electrical equipments imports (NT\$ billion)	206.0	196.7	201.3	221.9	237.1	221.6	236.3	

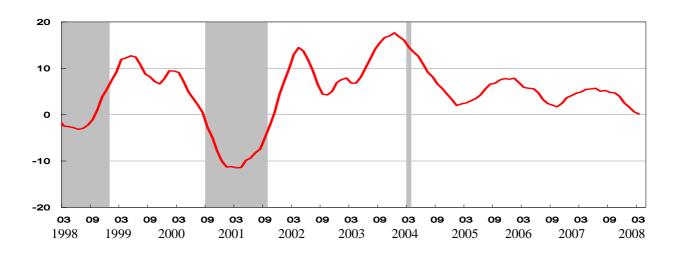
Note: p: Preliminary.

Note: 1.p=Preliminary.
2.\* Including only housing, mercantile, business and service, industry warehousing.

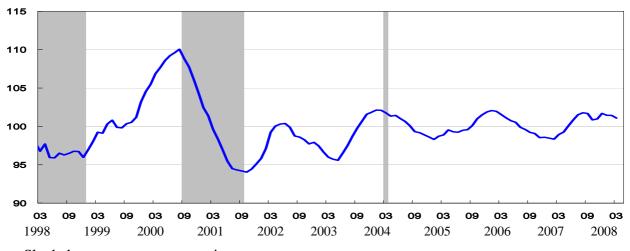
## **Composite Indices of Cyclical Indicators**



## Annualized 6-month rate of change of composite leading index



Trend-adjusted composite coincident index



Shaded areas represent recessions.

The CEPD has determined that a peak in the 11<sup>th</sup> business-cycle occurred in March 2004.

# **Monitoring Indications**

			2007											2008			
N	Month	3	4	5	6		7	8	9	10	11	12	1	2	3		
L	ight	0			0	New Series beginning in July 2007*	0	0						0			
Total Score	23	18	20	25		30	30	32	32	28	29	29	27	27			
Monetary Aggregates M1B, yoy	%		0	0	0	Mone tary Aggregates M1B	0	0	0						-0.5		
Direct and Indirect Finance, yoy	%	<b></b>	<b></b>	<b></b>	<b></b>	Direct and Indirect Finance								<b></b>	3.1		
Bank Clearings and Remittance,	уоу%		<b></b>		0	Stock Price Index							0		9.8		
Stock Price Index, 1966=100, yo	y/o	0	0	0		Industrial Production Index									11.4		
Manufacturing New Order Index 1976.1=100, yoy%	, 1996\$,		<b></b>	<b></b>	<b></b>	Nonagricultural Employment	0	0	0	0	0	0	0	0	1.1		
Exports, 2001\$, yoy%		0	<b></b>		0	Exports	0		0						13.3		
Industrial Production Index, 200 yoy%	1=100,	0		0		Imports of Machinery and Electrical Equipment						0	0		8.0		
Manufacturing Inventory-to-Sale	s ratio, %	0		0	0	Manufacturing Sales		0							16.3		
Nonagricultural Employment, yo	у%	0	0	0	0	Wholesale, Retail and Food Services Sales		0			0		0		0.5		

<sup>\*</sup>Components are in terms of pecentage changes over 1-years pan. All components, except stock price index, have been seasonally adjusted. The coverage of "direct and indirect finance" has been adjusted by the Central Bank and is used in the new series.