

# TAIWAN'S ECONOMIC SITUATION AND OUTLOOK



Council for Economic Planning and Development

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# GLOBAL ECONOMY

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## Latest IMF forecasts (September 2005) :

- ⇒ **World economic growth** is forecast to be 4.3% in 2005.
- **United States:** Growth in 2005 is forecast to be 3.5%, 0.1 percentage point lower as a result of Hurricane Katrina.
  - **Japan:** With the steady improvement in private consumption, coupled with buoyant private investment, the estimate of 2005 growth is adjusted upward to 2%, from previous forecast of 0.8%.
  - **Euro area:** Weak domestic demand continues to be the main problem, and growth projection for 2005 is lowered to 1.2% from 1.6%.
  - **Developing Asia:** The Chinese economy has continued to exceed expectations; India has remained robust. GDP growth in elsewhere in the region is projected to pick up in line with global manufacturing, although much will depend on the expected rebound in the information technology (IT) sector, as well as oil prices. Growth forecast for 2005 is raised to 7.8%.
  - **Trade volume:** Forecast for 2005 is adjusted lower to 7.0%.

# World Economic Outlook

	IMF			Global Insight		
	2004	2005	2006	2004	2005	2006
<b>World Economic Growth %</b>	<b>5.1</b>	<b>4.3</b>	<b>4.3</b>	<b>4.0</b>	<b>3.3</b>	<b>3.2</b>
United States	4.2	3.5	3.3	4.2	3.5	3.3
Japan	2.7	2.0	2.0	2.6	2.3	1.6
Euro area	2.0	1.2	1.8	1.8	1.3	1.6
Developing Asia	8.2	7.8	7.2	-	-	-
Asia excluding Japan	-	-		6.9	6.1	6.2
Asian NIEs*	5.5	4.0	4.7	-	-	-
China	9.5	9.0	8.2	9.5	9.3	8.5
<b>World Trade Volume Growth %</b>	<b>10.3</b>	<b>7.0</b>	<b>7.4</b>	-	-	-

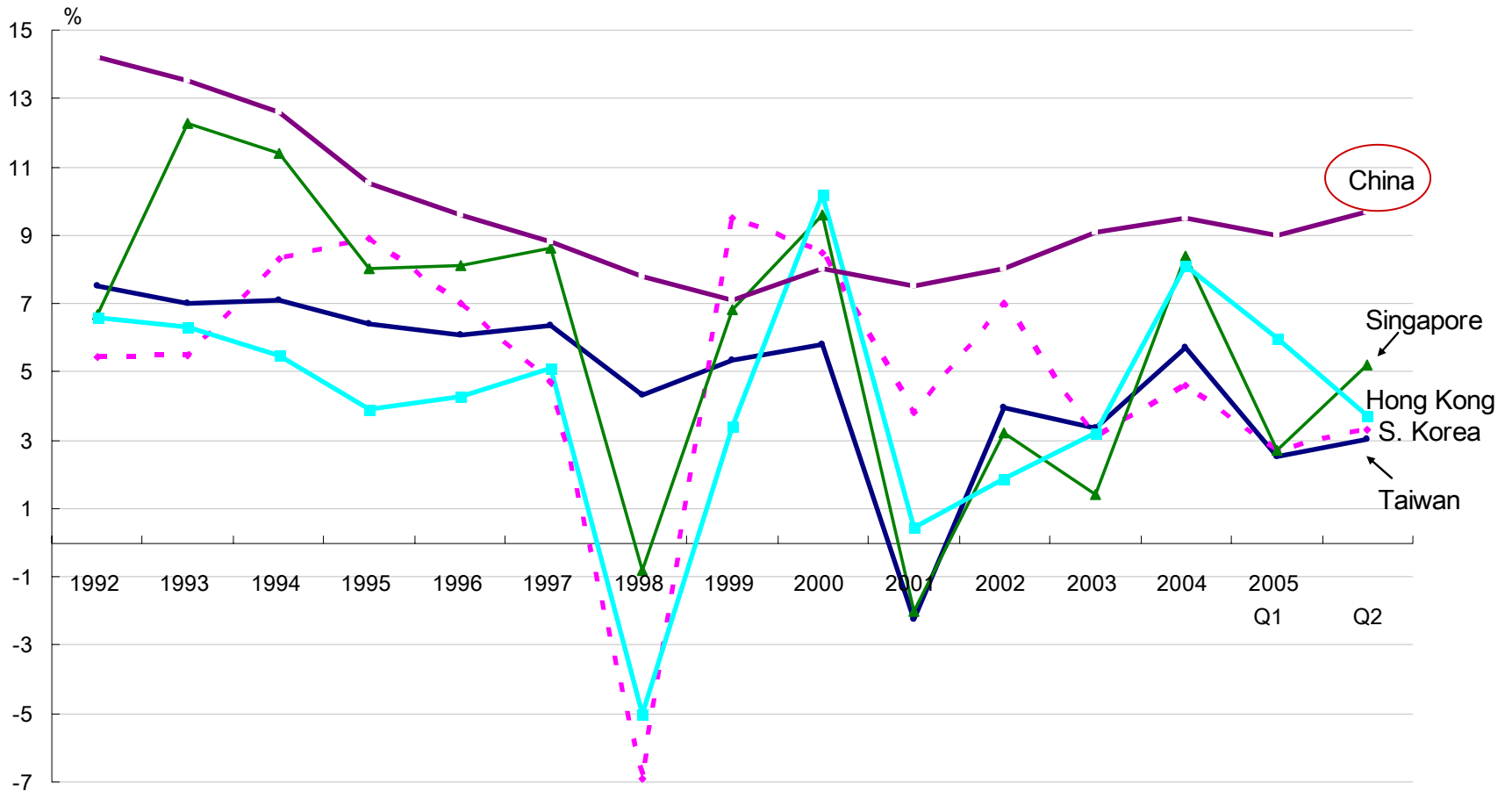
\*Korea, Taiwan, Hong Kong, and Singapore.

Sources: 1. IMF, *World Economic Outlook*, September 2005.

2. Global Insight, October 2005.

# Asian Tigers and China: Economic Growth

China outperformed the Asian tigers during 2004 and the first half of 2005.



Sources: World Bank; Directorate General of Budget, Accounting, and Statistics.

# DOMESTIC ECONOMY

## 1. Economic Growth

Thanks to a pick-up in global economic growth, Taiwan's exports and private investment both grew significantly faster in 2004 than in the preceding year. Private consumption also posted steady growth, reflecting the boost to confidence generated by falling unemployment. While there were signs that the growth momentum was softening in the second half of the year, the yearly growth rate recorded a robust 5.7%. The first half of 2005 saw a noticeable decline in the pace of expansion to 1.6%, due to slowing world economy.

Contribution to Economic Growth (in percentage points)

	Economic growth (yoy)	Domestic demand								Net foreign demand		
		Total	Consumption		Gross fixed capital formation				Increase in inventory	Total	Exports of goods & services	Less: Imports of goods & services
			Private	Gov't	Subtotal	Private sector	Public enterprises	Gov't				
2000	5.8	3.8	3.0	0.04	1.9	2.2	-0.1	-0.2	-1.2	2.0	8.8	6.8
2001	-2.2	-4.8	0.6	-0.1	-4.9	-4.6	0.04	-0.3	-0.4	2.6	-4.4	-7.0
2002	3.9	1.2	1.3	0.2	-0.3	0.4	-0.04	-0.6	0.0	2.8	5.4	2.6
2003	3.3	0.5	0.5	0.1	-0.4	-0.2	-0.1	-0.1	0.3	2.8	5.9	3.1
2004	5.7	5.7	1.9	-0.1	2.6	3.1	-0.3	-0.2	1.3	0.02	8.9	8.9
2005 <sup>f</sup>	3.7	3.0	1.9	0.1	1.4	1.3	0.1	0.02	-0.4	0.6	1.9	1.3
Q1	2.5	2.8	1.9	-0.1	1.8	1.7	0.2	-0.1	-0.8	-0.3	0.8	1.0
Q2 <sup>p</sup>	3.0	3.4	1.8	0.1	1.6	1.5	0.2	-0.1	-0.1	-0.4	1.3	1.7
Q3 <sup>f</sup>	4.3	3.6	2.0	0.1	1.5	1.4	0.04	0.1	-0.1	0.8	2.4	1.7
Q4 <sup>f</sup>	4.6	2.3	1.7	0.1	0.9	0.7	0.01	0.2	-0.4	2.3	3.2	0.8

p: Preliminary; f: Forecast; r: Revised.

Source: Directorate-General of Budget, Accounting, and Statistics, 190th Commission on National Income Statistics Meeting, August 18, 2005.

# DOMESTIC ECONOMY

## 2. Foreign Trade

### (1) Two-way trade

- ⇒ Exports and imports softened from 2004, with two-way trade increasing 8.9% in the first nine months of 2005.
- ⇒ Trade surplus amounted to US\$1.2 billion in January-September of 2005, much lower than the US\$6.4 reached during the same period last year.

### Foreign Trade

US\$ billion; yoy %

	Trade		Exports		Imports		Balance \$
	Value \$	Growth %	Value \$	Growth %	Value \$	Growth %	
1998	215.2	-9.0	110.6	-9.4	104.7	-8.5	5.9
1999	232.3	7.9	121.6	10.0	110.7	5.8	10.9
2000	288.3	24.1	148.3	22.0	140.0	26.5	8.3
2001	230.1	-20.2	122.9	-17.2	107.2	-23.4	15.6
2002	243.1	5.7	130.6	6.3	112.5	4.9	18.1
2003	271.5	11.7	144.2	10.4	127.2	13.1	16.9
2004	341.9	26.0	174.0	20.7	167.9	31.9	6.1
<b>2005 Jan-Sep</b>	<b>272.4</b>	<b>8.9</b>	<b>137.2</b>	<b>6.9</b>	<b>135.2</b>	<b>10.9</b>	<b>1.9</b>

Source: Ministry of Finance.

# DOMESTIC ECONOMY

## (2) Major trading partners

- ⇒ Exports to Hong Kong and Mainland China, among major trade partners, have expanded the fastest since 2002.
- ⇒ Exports to and imports from the United States returned to positive growth in 2004 after declining for three consecutive years.

### Changes in Two-way Trade with Major Trading Partners

	Exports (annual change rate %)					Imports (annual change rate %)					
	USA	Japan	Europe	Hong Kong and Mainland China	ASEAN 6*	USA	Japan	Europe	Hong Kong and Mainland China	ASEAN 6*	
1999	5.2	27.6	3.5	11.3	21.3	0.1	13.3	-14.6	9.2	15	
2000	12.7	39.5	16.7	24.5	29.3	27.6	26	8.1	27.1	40.4	
2001	<b>Share</b> 25.4	9.8	16.7	23.5	10.4	17.8	27.6	15.9	6.0	12.7	
2002	-20.6	-23.1	-16.5	-10.8	-21.6	-27.4	-33.0	-21.2	-7.8	-21.2	
2003	-3.2	-6.1	-6.3	28.7	2.9	-0.7	5.5	-2.3	24.9	3.7	
2004	-3.1	-0.5	10.2	22.1	8.9	-7.0	19.6	10.9	31.0	5.4	
2005 Jan-Sep	8.4	10.8	14.6	28.3	33.7	28.6	33.7	31.1	48.0	16.1	
	<b>Share</b> 1.6	8.0	-0.7	8.4	12.3	1.0	9.8	5.9	19.0	1.0	
	Share	15.3	7.7	12.3	37.4	13.7	11.8	25.7	12.1	11.8	11.3

\*ASEAN6 refers to Indonesia, Malaysia, the Philippines, Singapore, Thailand and Vietnam.

Source: Ministry of Finance.



# DOMESTIC ECONOMY

## (3) Trade structure

- ⇒ The share of heavy and technology-intensive industrial products of total exports continued to rise after it shrank slightly in 2001. It rose considerably to 77.2% in 2004 and further to 77.8% in January – September of 2005.
- ⇒ The share of imports of capital goods lowered to 20.5% in January-September 2005 from 2004.

## Composition of Foreign Trade

	Composition (%)						Change (yoy % in US\$)	
	1996	2001	2002	2003	2004	2005 Jan-Sep	2004	2005 Jan-Sep
Exports	100	100	100	100	100	<b>100.0</b>	20.7	<b>6.9</b>
Agricultural Products	0.4	0.2	0.3	0.3	0.2	<b>0.2</b>	0.7	<b>-1.8</b>
Processed Agricultural Products	3.1	1.4	1.3	1.2	1.2	<b>1.1</b>	17.7	<b>-2.9</b>
Industrial Products	96.5	98.4	98.4	98.5	98.6	<b>98.7</b>	20.8	<b>7.1</b>
Heavy & Technology-intensive Industry*	60.5	71.1	73.1	75.3	77.2	<b>77.8</b>	23.6	<b>8.0</b>
Others	36.0	27.3	25.3	23.2	21.4	<b>20.9</b>	11.5	<b>3.6</b>
Imports	100	100	100	100	100	<b>100.0</b>	31.9	<b>10.9</b>
Capital Goods	17.9	25.0	23.0	20.5	21.4	<b>20.5</b>	38.2	<b>8.8</b>
Raw Materials	69.0	65.7	67.7	70.5	70.4	<b>71.1</b>	31.8	<b>11.2</b>
Consumer Goods	13.1	9.2	9.3	9.1	8.2	<b>8.5</b>	19.1	<b>14.1</b>

\* Including industries of chemicals, chemical products, rubber products, plastic products, basic metals, fabricated metal products, machinery & equipment, electrical & electronic machinery, transport equipment, and precision instruments.

Source: Ministry of Finance website [www.mof.gov.tw](http://www.mof.gov.tw), *Summary Explanation of Exports and Imports*, September 7, 2005.

# DOMESTIC ECONOMY

## 3. Domestic Investment

In the first half of 2005, private investment expanded 13.3%, largely due to expansions in the airline, high-tech and high-speed railway sectors. During the same period, investment by public enterprises increased 15.0%, while government investment fell by 3.5%.

### Real Gross Fixed Capital Formation

NT\$ billion; yoy %

	Total		Private investment		Public enterprises investment		Government investment	
	Amount	Growth rate	Amount	Growth rate	Amount	Growth rate	Amount	Growth rate
2000	2282.0	8.4	1565.6	15.1	230.9	-3.0	485.5	-4.2
2001	1811.6	-21.1	1108.9	-29.1	240.3	1.6	462.4	-6.4
2002	1773.0	-1.6	1136.7	3.1	234.7	-1.6	401.6	-13.0
2003	1737.5	-2.1	1120.0	-1.6	223.6	-4.7	393.9	-1.8
2004	1971.1	15.4	1417.9	28.2	183.0	-15.1	370.2	-4.2
2005 <sub>f</sub>	2125.8	7.8	1558.8	9.9	195.0	6.6	371.9	0.5
Q1 <sub>p</sub>	438.9	11.9	332.5	15.5	33.8	16.5	72.6	-3.5
Q2 <sub>f</sub>	515.6	8.8	381.2	11.5	47.9	13.9	86.5	-3.6
Q3 <sub>f</sub>	526.7	8.5	387.2	10.7	44.3	2.8	95.3	2.8
Q4 <sub>f</sub>	644.6	4.0	458.0	4.5	69.1	0.2	117.5	4.4

f: Forecast. p: Preliminary. r: Revised.

Source: DGBAS, 190th Commission on National Income Statistics Meeting, August 18, 2005.

# DOMESTIC ECONOMY

## 4. Production

Industrial production in 2005 softened since February, but has displayed much stronger growth since August. It increased 1.3% in the first nine months of 2005, with manufacturing up 0.9% and construction increasing 14.8%.

### Growth of Industrial Production

%

	Total	Mining	Manufacturing*	Electricity, gas, and water	Construction
2001	-7.8	0.1	-8.4	1.1	-11.2
2002	7.9	8.3	9.4	3.3	-20.7
2003	7.1	-7.4	7.4	3.8	8.9
2004	9.9	-4.4	10.6	3.0	4.9
2005 Jan-Sep	1.3	-8.6	0.9	2.8	14.8

\* Including industries of chemicals, chemical products, rubber products, plastic products, basic metals, fabricated metal products, machinery & equipment, electrical & electronic machinery, information, transport equipment, and precision instruments.

Source: Ministry of Economic Affairs, *Industrial Production Statistics Monthly, Taiwan*.

# DOMESTIC ECONOMY

## 5. *Employment*

Nonagricultural employment grew less rapidly in January-September 2005. During the same period, the unemployment rate remained at the lowest level since 2001.

	Labor Force		Unemployment		Nonagricultural employment	
	1,000 persons	Participation %	1,000 persons	Rate %	1,000 persons	yoy, %
2001	9,832	57.2	450	4.57	8,677	-0.9
2002	9,969	57.3	515	5.17	8,745	0.8
2003	10,076	57.3	503	4.99	8,877	1.5
2004	10,240	57.7	454	4.44	9,144	3.0
Q1	10,160	57.4	460	4.53	9,038	2.6
Q2	10,216	57.6	453	4.44	9,114	3.1
Q3	10,291	57.9	473	4.60	9,181	3.2
Q4	10,295	57.7	430	4.18	9,242	3.1
<b>2005 Jan-Sep</b>	<b>10,351</b>	<b>57.8</b>	<b>433</b>	<b>4.19</b>	<b>9,320</b>	<b>2.3</b>

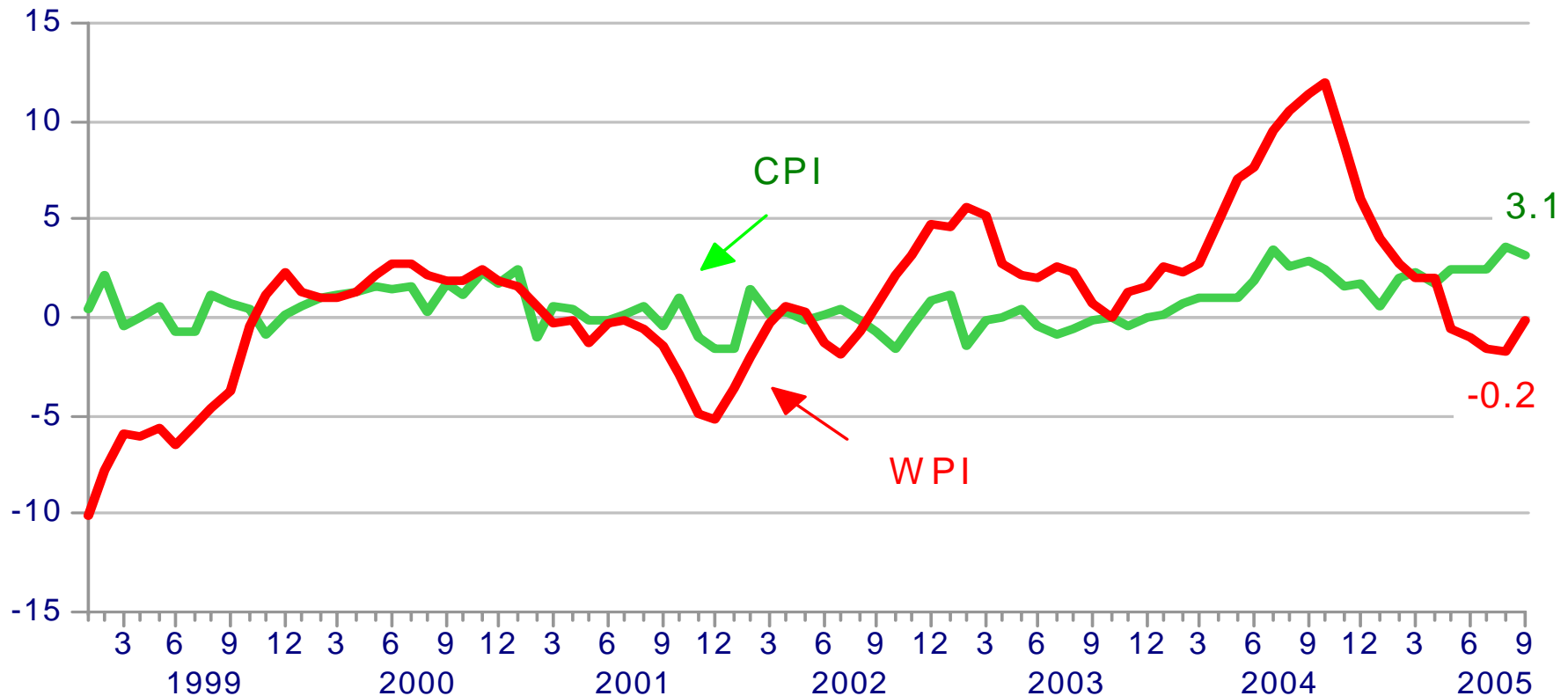
Source: Directorate General of Budget, Accounting, and Statistics.

# DOMESTIC ECONOMY

## 6. Prices

Prices rose much faster during the second and third quarters of 2004 and softened in the last quarter with the fluctuations in energy prices. Thanks to the softening in information products, wholesale prices in September declined 0.2% from last year, while consumer prices rose 3.1%, driven up by rising food costs and energy prices. During the first nine months of 2005, consumer prices increased 2.2% with core prices (excluding fresh food and energy prices) increasing only 0.7%.

% change over a year



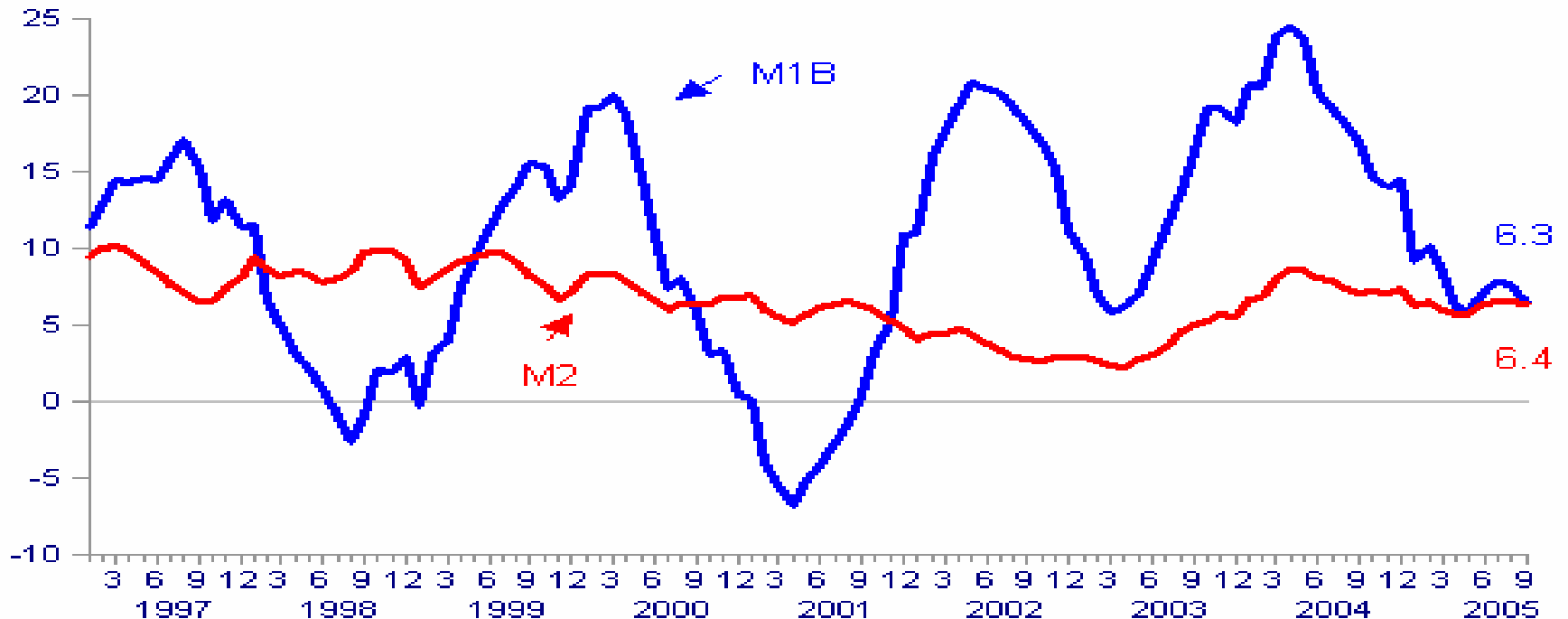
# DOMESTIC ECONOMY

## 7. Money and Finance

### (1) Money supply

Monetary supply expansion slowed down since June 2004. M1B growth decelerated to 6.1% in April and oscillated around 6.8% since then. M2 grew 6.2% during the first nine months of 2005 from a year

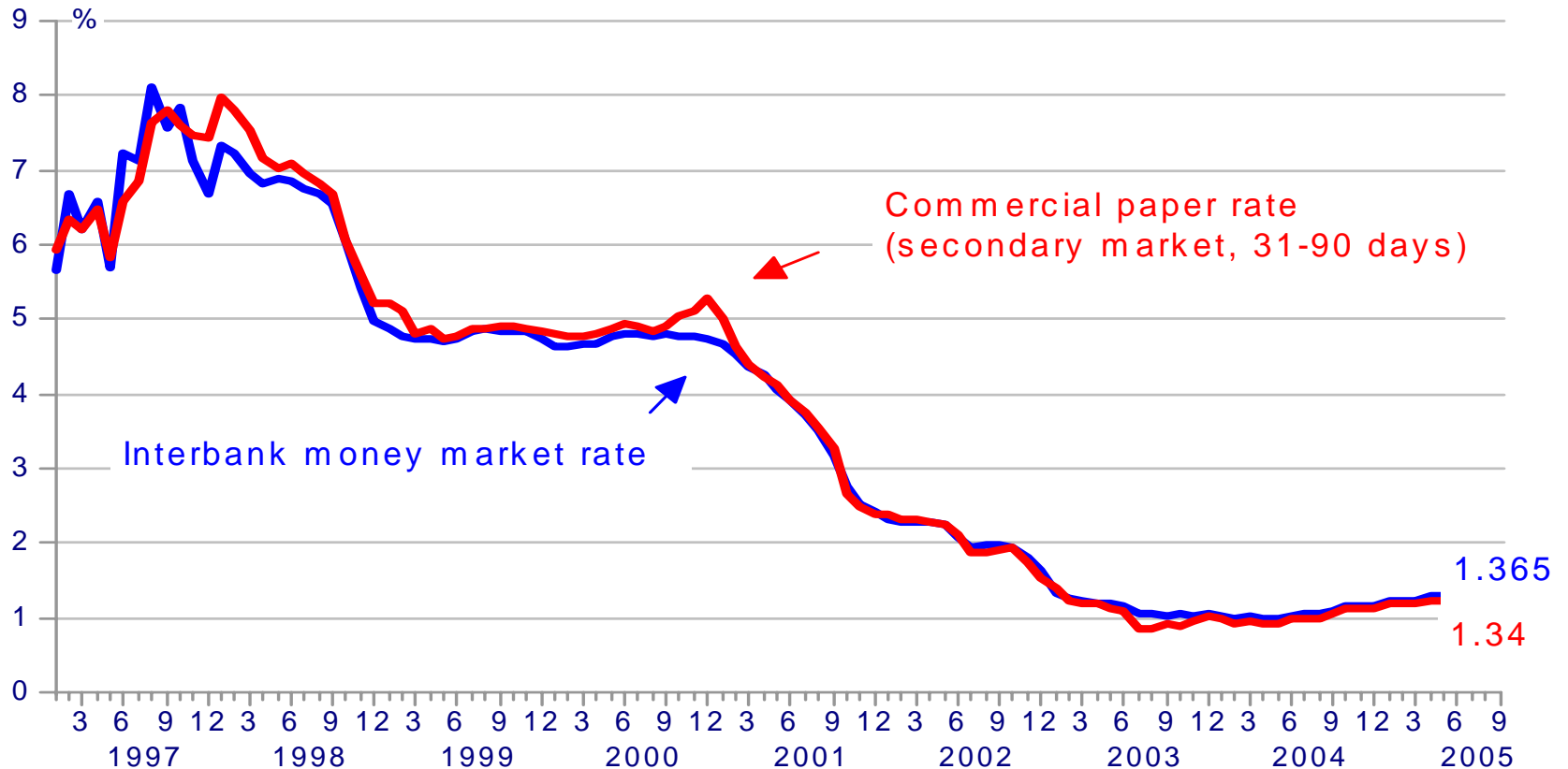
Daily average, % change over a year



# DOMESTIC ECONOMY

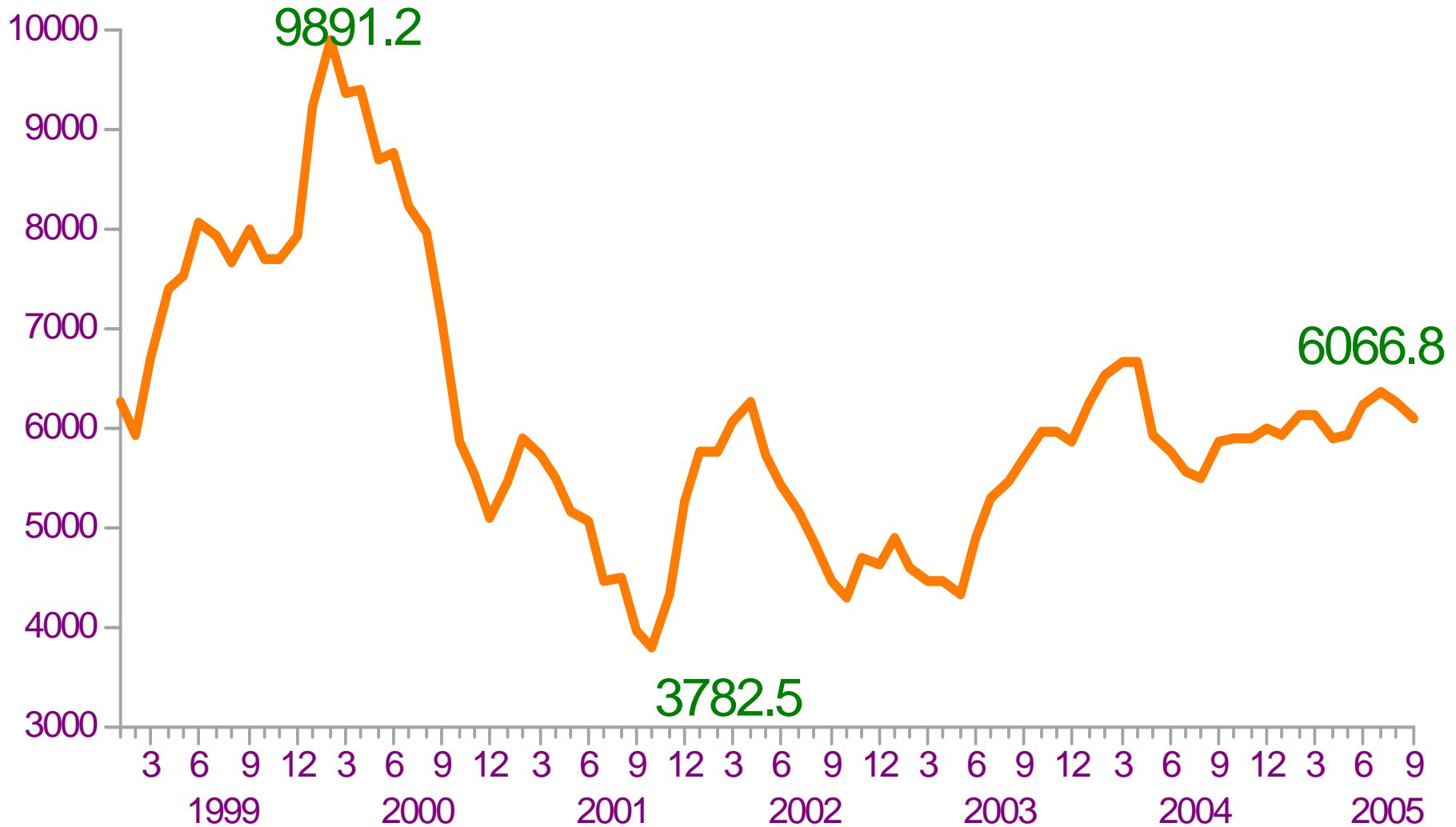
## (2) Interest rates

Market interest rates have seen a slightly upward trend since the second half of 2004, but are still considered below their normal levels. In September 2005, commercial paper rate and interbank rate recorded 1.34% and 1.365%, respectively. The Central Bank raised the rediscount rate five times since October 2004, from 1.375% to 2.125% on September 16, 2005.



# Taiwan Stock Exchange Index

Capitalization weighted, monthly average, 1966 Avg=100





## II.8 DOMESTIC ECONOMY

### 8. Business Monitoring Indicators

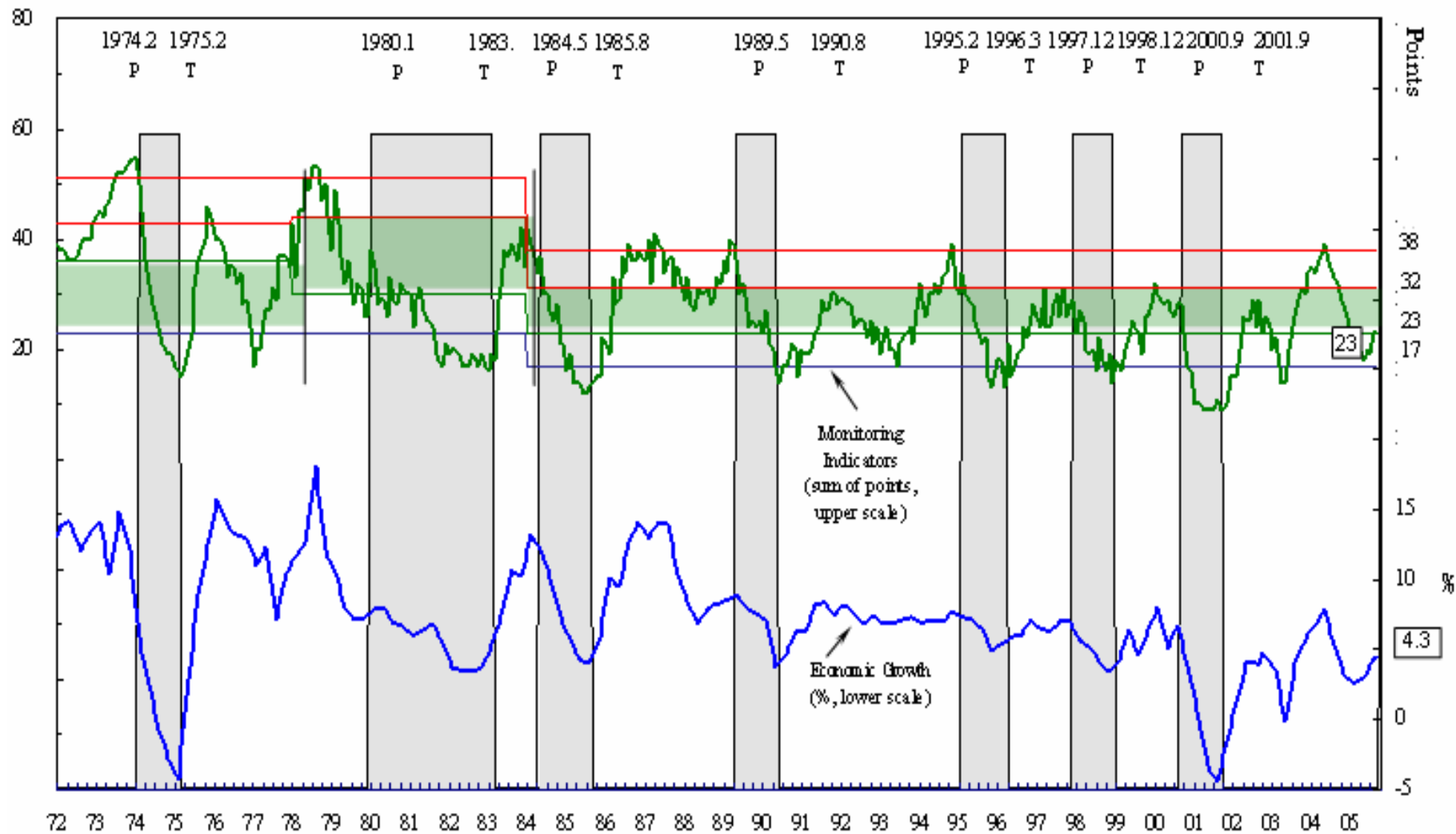
The monitoring indicators flashed “green” in September, for the second time since the ending of five successive months of “yellow-green.” The robust improvement of the indicators provides encouraging evidence of a resurgence of vitality of the economy.

		2004				2005								
		9	10	11	12	1	2	3	4	5	6	7	8	9
Total Scores		32	29	28	26	23	23	22	20	18	20	19	23	23
Financial Sector	Monetary Aggregates M1B, yoy %													6.1
	Direct and Indirect Finance, yoy %													7.9
	Bank Clearings and Remittance, yoy %													-4.1
	Stock Price Index, 1966=100, yoy%													3.4
Real Sector	Manufacturing New Order Index, 1996\$, 1976.1=100, yoy %													4.8 <sub>p</sub>
	Exports, 2001\$, yoy %													10.2 <sub>p</sub>
	Industrial Production Index, 2001=100, yoy %													6.4 <sub>p</sub>
	Manufacturing Inventory-to-Sales ratio, %													65.8 <sub>p</sub>
	Nonagricultural Employment, yoy %													2.3

Overheating 
 Transition in need of watching 
 Steadily moving forward 
 Transition in need of watching 
 Recession

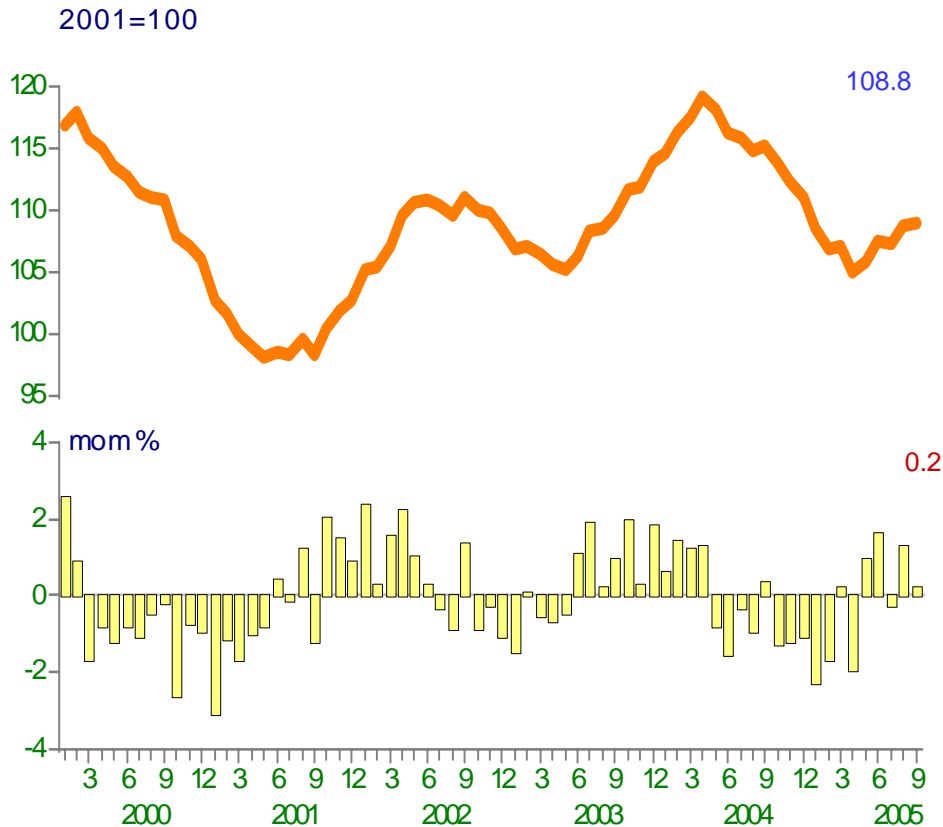
Note: All data, except stock price index, have been seasonally adjusted.

# Monitoring Indicators and Economic Growth

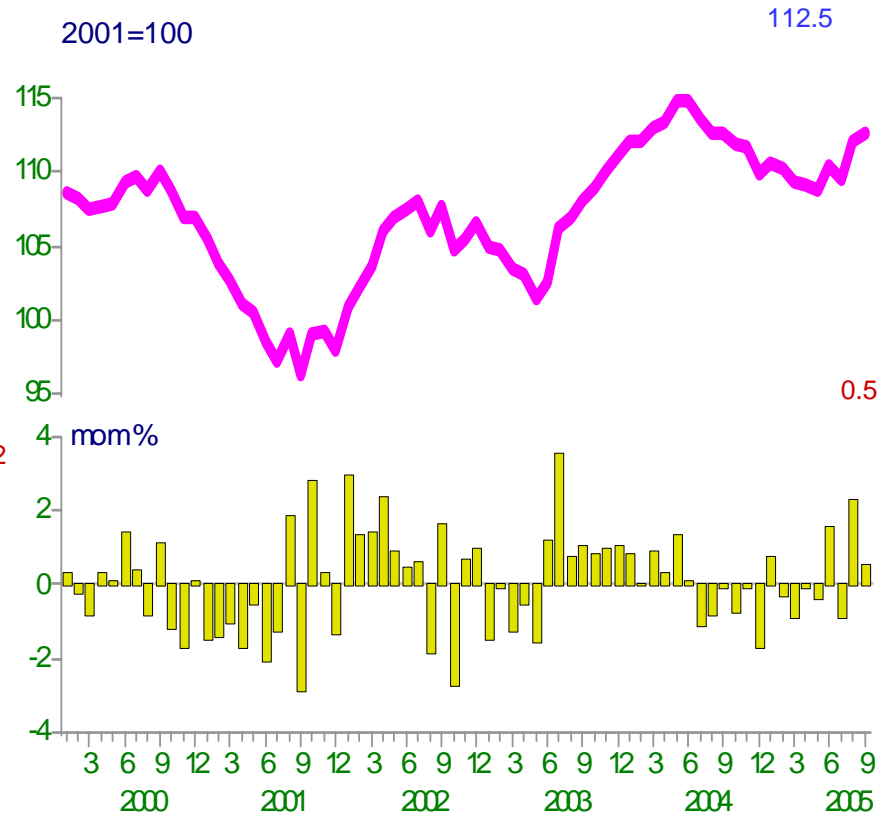


# DOMESTIC ECONOMY

## Composite Leading Index



## Composite Coincident Index



Source: CEPD.

# DOMESTIC ECONOMY

According to surveys conducted by the Council for Economic Planning and Development, the number of manufacturing firms that held pessimistic view in excess of those who were optimistic increased significantly in September 2005.

		Business Expectation 3 months later				Capacity Utilization (%)	Profit (%)
		% of manufacturing firms surveyed					
		Better (1)	Unchanged	Worse (2)	Net (1)-(2)		
2004	Sep	14	68	18	-4	80.4	5.0
	Oct	13	71	16	-3	80.4	5.0
	Nov	12	68	20	-8	80.1	4.9
	Dec	12	71	17	-5	80.3	4.8
2005	Jan	22	64	14	8	80.3	4.9
	Feb	23	67	10	13	77.0	4.6
	Mar	17	72	11	6	80.5	5.1
	Apr	14	67	19	-5	79.8	5.0
	May	18	65	17	1	79.8	5.0
	Jun	19	61	20	-1	79.6	4.9
	Jul	17	60	23	-6	79.6	4.8
	Aug <sub>r</sub>	19	65	16	3	81.0	5.0
	Sep <sub>p</sub>	9	66	25	-16	81.0	5.0

# PROSPECTS

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- ⇒ Thanks to continued improvement in employment, private consumption grew steadily during the first half of 2005. Meanwhile, private investment gained momentum with plant enlargements by the high-tech industries, construction of the high-speed railway, and fleet expansion by the airline industries. During the same period, export growth cooled off from exceptionally high pace reached in 2004, following the weakening of global economic expansion and continuing overseas relocation of domestic manufacturers.
- ⇒ The economy is expected to grow faster in the second half of 2005, given the upward trend of capacity utilization, ongoing implementation of large-scaled private investment projects, and quickened pace in the construction of public infrastructure projects.
- ⇒ For 2005, growth is officially forecast to reach 3.65%, with the CPI increasing 2%.

# ECONOMIC FORECASTS FOR TAIWAN

Forecasting institution	Release time	2005	Difference	2006
		%	from last projection	%
World Bank	Apr 2005	4.2	-0.1	4.3
IMF	Sep 2005	3.4	-0.6	4.3
Global-Insight	Oct 2005	3.5	0	3.3
CIER	Oct 2005	3.53	-0.52	4.02
TIER	July 2005	3.31	-1.1	-
DGBAS	Aug 2005	3.65	0.02	4.03
Academia Sinica	June 2005	3.74	-0.31	-

CIER: Chung-hua Institute for Economic Research, Taipei.

DGBAS: Directorate-General of Budget, Accounting and Statistics, Taiwan, ROC.

TIER: Taiwan Institute of Economic Research, Taipei.

# CURRENT ISSUES

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## 1. *Current Economic Issues*

- ⇒ **Hiking oil prices** may contribute to upward pressure on domestic prices, and **the movements of the US dollar value** and **interest rates** are also generating agitation in domestic financial market.
- ⇒ **The ongoing implementation of Kyoto Protocol** is anticipated to greatly affect the iron and steel, petrochemical, cement, paper pulp and synthetic fiber industries, as Taiwan, though not a party to the pact yet, reduces carbon dioxide emissions.
- ⇒ **Dependence** on exports to and investment in mainland China is rapidly increasing yet the development of a cross-straits communications and consultation mechanism is at a standstill.
- ⇒ **Fiscal deficits** have expanded rapidly in the past decade, as it has become more difficult in raising fiscal revenues and contracting expenditures.

# CURRENT ISSUES

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- ⇒ **Inadequate infrastructure** has been on the top list of impediments to Taiwan's competitiveness improvement by major studies in competitiveness.
- ⇒ **The financial system** is overbanked, with 14 financial holding companies and a large number of banks competing together, and none of them enjoying a market share of more than 10%. This situation needs to be improved as soon as possible.
- ⇒ **The emerging imbalance in manpower development**
  - 1) The unemployment rate rose from 3.0% in 2000 to around 5% in 2002. Although lowering to 4.2% in June 2005, whether the target of 4.0% can be met remains a challenge for the government, given lower economic performance in the first half of the year.
  - 2) There is a growing inadequacy in the supply of highly professional and specialized manpower, managers, and basic-skilled workforce.



# POLICY INITIATIVES

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## 1. *Key Policy Initiatives*

- ⇒ **The inter-ministerial price monitoring taskforce** met in October 1 2005 and announced the lowering of commodity tax on oil products by 25% for three months until end of this year to lessen impact from the hiking oil price and diminish fears of inflation.
- ⇒ **A taskforce for climate change and the Kyoto Protocol** is being organized to seek optimal solutions to meet both environmental and economic goals.
  - 1) Assistance will be provided to industries to voluntarily reduce carbon dioxide emissions.
  - 2) Private business sectors will be encouraged to raise energy efficiency and emphasize green production process.

# POLICY INITIATIVES

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## ⇒ **Easing restrictions on economic links with mainland China and monitoring recent economic developments in China**

- 1) The “no haste, be patient” mainland investment policy has been replaced with a less restrictive “proactive liberalization with effective management” approach.
- 2) The preparatory phase of cross-strait direct transportation links is already underway.
- 3) "Measures on cross-Strait freight facilitation" are to be announced at appropriate time.
- 4) The government is closely monitoring China's tightening measures and their impact on the Chinese and Taiwanese economies.

## ⇒ **Fiscal reform**

- 1) The government has established a fiscal reform committee to draw up plans for achieving a balanced budget within five to ten years.
- 2) Another committee has been formed to consolidate the management of state-owned properties to help increase government revenues.

# POLICY INITIATIVES

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## ⇒ Financial reform:

- 1) A plan to develop Taiwan as a regional financial services center has been launched to help form a funding center, to promote asset management business, to develop a variety of new financial products, and to strengthen the health of the financial market.
- 2) The government has stepped up efforts, including providing assistance domestic banks to merge and inviting foreign financial consultancy, to achieve the following goals:
  - ✓ Developing at least three financial institutions each with a market share of more than 10% by the end of 2005;
  - ✓ Halving the number of banks with government ownership from 12 to 6 by the end of 2005;
  - ✓ Encouraging M&As to reduce the number of financial holding companies from 14 to 7;
  - ✓ Having at least one financial institution either managed by foreign institutions or listed in overseas markets by the end of 2006.

# POLICY INITIATIVES

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- ⇒ **Strengthening Corporate governance:** An inter-ministerial "corporate governance reform taskforce" completed a "Policy Agenda and Action Plan to Strengthen Corporate Governance" near the end of 2003. Top priority has been placed on reform in companies listed on the stock and over-the-counter markets, especially financial service firms, to be followed by gradual extension to other businesses.
- ⇒ **Infrastructural development** A spending around US\$15 billion by the government plus US\$6 billion by private investment for the next five years has been launched to step up development in transportation, high-technology, higher education, cultural creativity, harbors, water resources and sewage management.
- ⇒ **Measures to increase employment:** For the long run, the government is promoting services with high potentials in production value, job creation, value-added, international competitiveness, and raising the quality of life. Among the list of such service industries are financial services, logistics/distribution/transportation, medical care, manpower training, tourism, cultural and creative, design, information, property management, R&D, environmental protection, and engineering consultancy.

# Policy Initiatives

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- ⇒ **Stimulus package:** In the face of slowing economic growth in the first quarter of 2005, several measures to boost the economy are to be implemented:
- ✓ The government will earmark US\$6.4 billion for loans to small and medium-sized enterprises (SMEs). Moreover, a sum of US\$3.2 billion will be provided in credit guarantees to each SME borrowing from the banks.
  - ✓ The government will provide another US\$9.4 billion for the government-backed preferential mortgages for first-time homebuyers after the current package expires in June.
  - ✓ Quicken from quarterly to monthly performance evaluation of public projects of more than US\$3.2 million, and achieve higher than 90% of targeted performance.
  - ✓ With the legislative approval of the budget for the New Ten Construction Projects, the government will vigorously implement this capacity-building scheme.

# POLICY INITIATIVES

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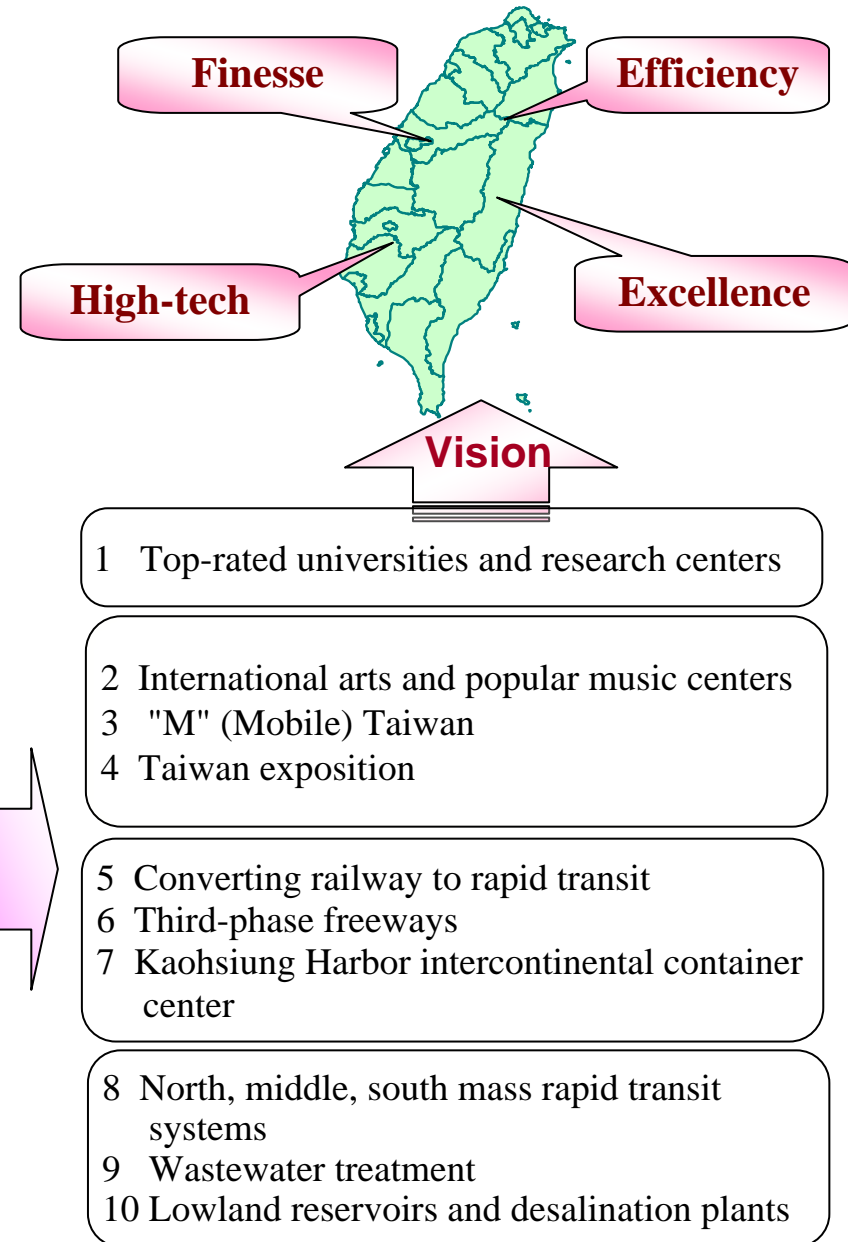
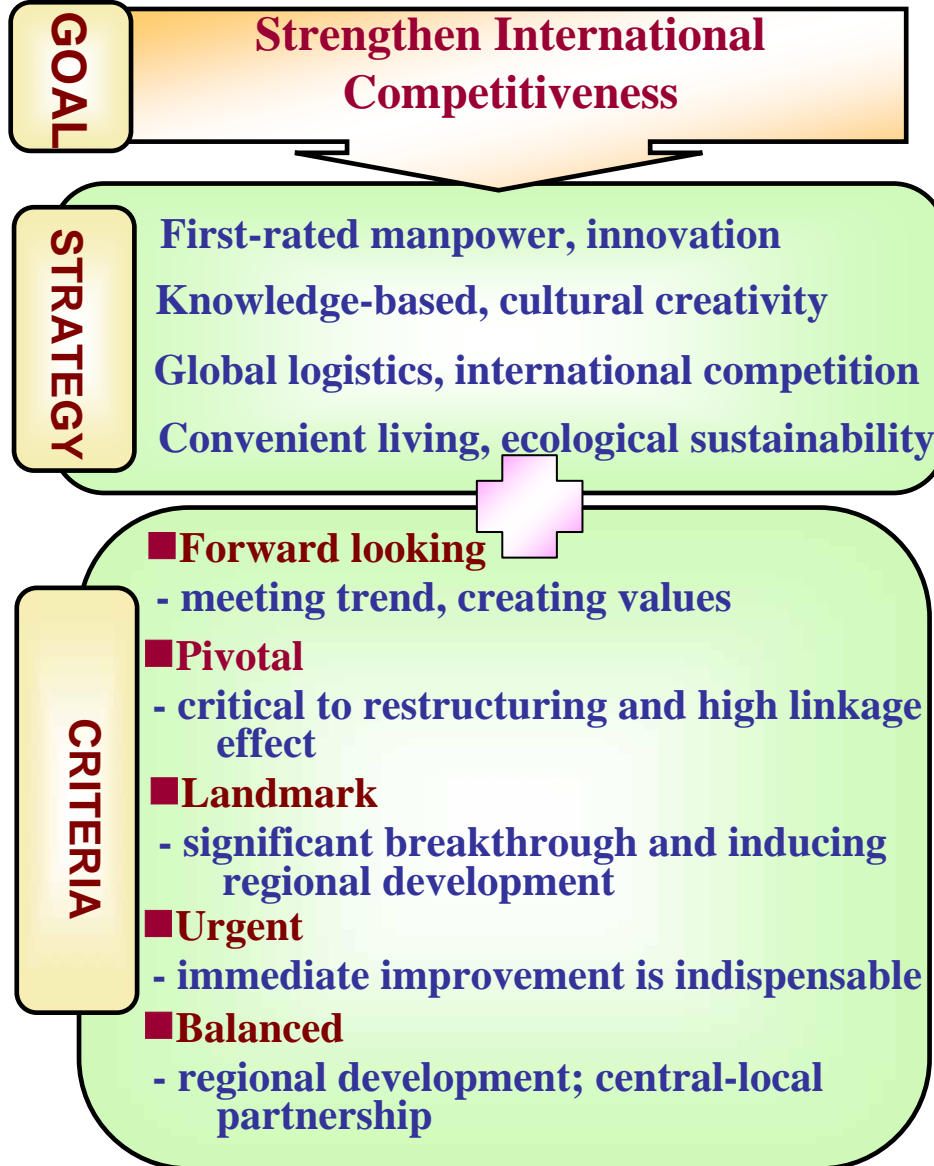
## ***2. The Medium-term National Development Plan (2005-2008)***

- ⇒ The comprehensive plan is designed to foster economic, science, technology and education, environmental, social, and institutional development.
- ⇒ The vision of a "green silicon island," as proposed in the previous medium-term plan, is reiterated, and will be pursued while meeting new challenges from global competition, and addressing domestic issues of ageing, environmental conservation, and social harmony.
- ⇒ The major policy directions include:
  - 1) To continue investment in manpower development, R&D, global logistics, infrastructure, and living environment. Top priority is given to promote the New Ten Projects for full-fledged implementation.
  - 2) To develop industrial clusters such as Hsinchu biology park, science parks in central and southern Taiwan.
  - 3) To promote further two-trillion, two-star industries, including semiconductor, image display, digital content, and biotech, while keeping up the development of communications, petrochemical, machinery and equipment, and iron and steel.
  - 4) To step up value-adding efforts for such traditional industries as high-tech textile, health food, high-end materials, chemicals for optic electronics.
  - 5) To carry out the guidelines and action programs for service sector development.
  - 6) To develop 7 free port zones and encourage businesses to set up operations headquarters in Taiwan.
  - 7) To build up a regional financial services center that will help increase the share of financial services in GDP from 11.5% in 2003 to 13% in 2008, expand assets of financial institutions by more than 30%.

# National Development Plan--Macroeconomic Targets

Targets	2005-2008	2005-2015
Growth of potential GDP Economic growth	4.9%	4.6%
Per capita GDP	US\$18,000 ( 2008 )	US\$27,000 ( 2015 )
Employment increase	1.4%	1.2%
Unemployment rate	4.0% ( 2008 )	4.0% ( 2015 )
CPI increase	New Century Manpower Plan	

# The New Ten Projects





# Expected Economic Benefits

## Intangible Benefits

**Increase the capital value of human resource**

**Raise the commodity value of the environment**

**Create cultural values**

**Enrich national living**



## Measurable Benefits

### **Promote economic growth**

GDP growth up by 1.0-1.4 percentage points a year

### **Generate private demand**

Private demand up by 0.6-0.8 percentage point a year

### **Increase job opportunities**

Create 64,000 jobs a year

### **Ease deflationary pressure**

CPI increase up by 0.2 percentage point

### **Expand tax collection**

Increase tax revenue by NT\$ 70-150 billion in the coming 5 year

# Services Industry Development

## Strategies

### → Deregulation

Currently in Taiwan, with administrative responsibility for service industries scattered among different agencies, there is lack of any active approach and concrete planning to guide the sector's development through regulatory measures. The best way for the government to actively promote service industries' development would be to discard the regulatory mindset and put the onus on private enterprises to take charge of doing it for themselves.

### → Push for modernization of services

Presently, the government lacks understanding of how to commercialize agricultural and medical innovation and turn educational resources to industrial advantage, and so cannot easily play a leading role in market expansion. Therefore, it should simply concentrate on strengthening existing policies and market mechanisms for service sector development, releasing public resources and arousing private-sector vitality to lead the way.

### → Adopt a negative-list approach

At present, many laws and regulations concerning service industries adopt a 'positive-list' 'management' and approval approach. This should be replaced by a 'negative-list' approach that makes market entry easier and facilitates the introduction and development of new products.

### → Improve the legal and regulatory system

To promote service sector development, the whole body of related laws and regulations needs to be thoroughly overhauled, including those governing company management, land-use zoning, labor, environmental protection, intellectual property, etc., to remove obstacles created by outmoded laws and give service industries more room to grow and thrive.

# Services Targeted for Development

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1. Financial services
2. Logistics and distribution services
3. Telecommunications & media services
4. Medical, healthcare & care-giving services
5. Manpower training, dispatching & property management services
6. Tourism, sporting & recreational services
7. Cultural & creative services
8. Design services
9. Information services
10. R&D services
11. Environmental protection services
12. Engineering consulting services

# Development of Financial Services

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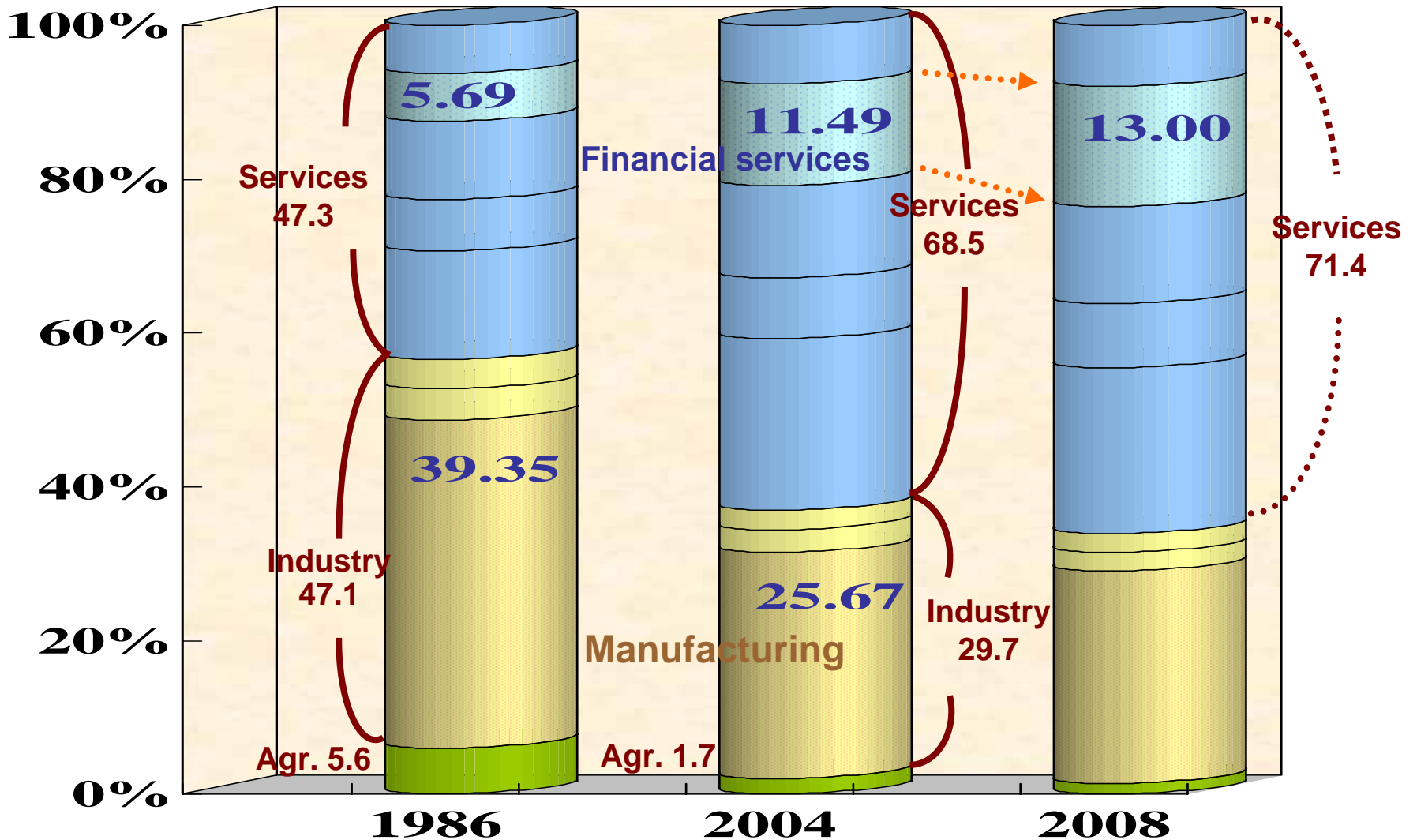
## Strategies

- ⇒ Developing sound investment climate (deregulation and re-regulation)
- ⇒ Promoting regional fundraising center
- ⇒ Promoting asset management business
- ⇒ Developing diversified financial services
- ⇒ Strengthening the competence of financial market

## Top Priorities

- ⇒ Build regional financial services center
- ⇒ Promote financial consolidation and speed up M&A
- ⇒ Ensure that laws governing the financial sector are sound, appropriate, and complete, and strengthen training of financial professionals
- ⇒ Strengthen financial supervision, effectively deal with non-performing loans, and improve the administration of the agricultural finance system
- ⇒ Improve the soundness of the insurance and bond markets, develop the domestic asset management industry, and promote Taiwan's development as a regional fund-raising center

# Changing Economic Structure



**Thank you**