## **TAIWAN'S ECONOMIC SITUATION AND OUTLOOK**



Council for Economic Planning and Development Executive Yuan, Taiwan, R.O.C. November 9, 2004

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# I. GLOBAL ECONOMY

### Latest World Bank forecasts (November 2004) :

- ⇒ World economic growth: Forecasts for 2004 and 2005 are 5.0% and 4.3%, respectively.
  - United States: Growth momentum has slowed down from the second quarter. Growth is forecasted to be 4.3% in 2004.
  - Japan: While growth slowed sharply in the second quarter, the nearterm outlook remains solid. Growth is forecasted to be 4.3%.
  - **Euro area**: The pace of the expansion is expected to remain moderate, with growth forecast of 1.8%.
  - **East Asia**: Growth is expected to reach 7.1% in 2004. fixed investment has picked up not only in fast growing economies like China and Vietnam, but also in the middle and high income economies. Growth is expected to decelerate in 2005, although reaching a relatively robust pace near 6%.
- ⇒ Trade volume: Forecasts for 2004 and 2005 are 11.1% and 8.7%, respectively.

# **World Economic Outlook**

	V	World Bank Globa					
	2003	2004	2005	2003	2004	2005	
World Economic Growth %	2.7	4.0	3.2	2.8	4.2	3.4	
United States	3.0	4.3	3.2	3.0	4.4	3.4	
Japan	2.5	4.3	1.8	2.5	4.1	2.0	
Euro area	0.5	1.8	2.1	0.6	1.9	2.1	
East Asia	5.9	7.1	5.9	-	-	-	
Asia excluding Japan	-	-	-	6.4	6.9	6.1	
East Asian NIEs	3.0	5.9	4.4	-	-	-	
CIS*	-	-	-	7.9	7.4	6.1	
World Trade Volume Growth %	6.7	11.1	8.7	5.2	7.9	6.7	

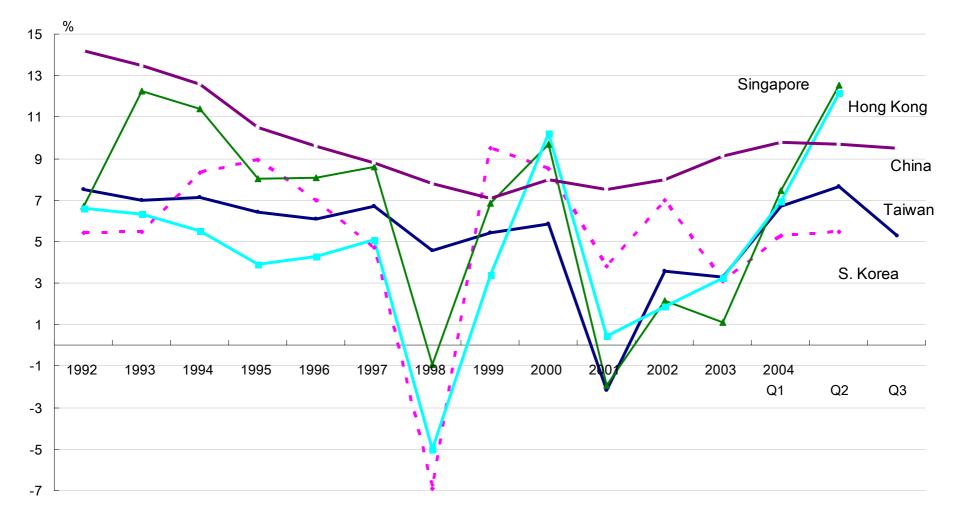
\* Commonwealth of Independent States.

Sources: 1. World Bank, East Asia Update November 2004, November 9, 2004.

2. Global Insight, October 15, 2004.

## **Asian Tigers and China: Economic Growth**

Singapore grew at the highest speed among the tigers and China.



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

## 1. Economic Growth

Thanks to a pick-up in export growth and the successful containment of the SARS epidemic in the latter half of 2003, Taiwan was able to grow 3.3% in 2003. The economy is preliminarily estimated to have grown 7.2% in the first half of 2004, as exports and production continued to expand with strengthened global recovery and as private investment stepped up in pace.

#### **Contribution to Economic Growth**

Percentage point

					Domes	tic deman	đ			Net	t foreign de	emand
	Economic growth		Consu	mption	Gro	ss fixed ca	pital fo <del>r</del> mati	on	Increase		Exports of goods	Less: Imports
	(уоу)	Tota1	Private	Govť	Subtotal	Private sector	Public enterprises	Govť	in inventory	Total	& services	of goods & services
1998	4.6	6.4	3.9	0.6	1.9	1.8	0.1	0.0	0.1	-1.8	1.2	3.0
1999	5.4	1.9	3.3	-0.9	0.4	-0.1	0.3	0.2	-0.9	3.5	5.7	2.1
2000	5.9	3.9	3.0	0.1	2.0	2.4	-0.1	-0.3	-1.2	2.0	8.8	6.9
2001	-2.2	-4.9	0.6	-0.1	-4.9	-4.8	0.1	-0.2	-0.5	2.8	-4.4	-7.1
2002	3.6	1.0	1.2	-0.02	-0.4	0.3	-0.1	-0.7	0.2	2.6	5.3	2.6
2003	3.3	0.4	0.4	0.1	-0.4	-0.2	-0.1	-0.1	0.2	2.9	6.1	3.2
2004(f)	5.9	5.2	1.6	0.0	2.4	2.7	-0.2	-0.09	1.2	0.7	10.3	9.6
Q1(r)	6.7	6.2	2.0	0.2	2.1	2.3	-0.2	0.0	1.8	0.5	11.2	10.7
Q2(p)	7.7	5.9	2.3	0.11	3.4	3.7	-0.2	-0.2	0.1	1.8	15.1	13.3
Q3(f)	5.3	4.8	0.9	-0.11	2.0	2.4	-0.2	-0.1	2.0	0.5	10.5	10.1
Q4(f)	4.1	4.1	1.2	-0.14	2.1	2.4	-0.3	-0.1	0.9	0.0	4.8	4.8
2005(f)	4.5	2.9	1.6	0.01	1.4	1.2	0.2	0.0	0.0	1.6	3.9	2.4

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

Source: Directorage-General of Budget, Accounting, and Statistics, 186th Commission on National Income Statistics Meeting, August 20, 2004.

# **II.2 DOMESTIC ECONOMY**

## 2. Foreign Trade

### (1) Two-way Trade

⇒Improving significantly from 2002, exports and imports posted double-digit increase rates in 2003. The upward trend continued in the first three quarters of 2004.

⇒In 2003, trade surplus amounted to US\$16.9 billion, the third highest historical level. It registered US\$6.4 billion in January-September 2004.

	Т	rade	Ex	ports	Im	ports	
	Value \$	Growth %	Value \$	Growth %	Value \$	Growth %	Balance \$
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	127.3	13.1	16.9
2004 Jan-Sep	250.2	28.9	128.3	24.2	121.9	34.3	6.4

**Foreign Trade** 

Unit: US\$ billion; yoy %

Source: Ministry of Finance.

# **II.2 DOMESTIC ECONOMY**

#### (2) Major trading partners

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

		Expo	orts (annu	al 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	-20.6	-23.1	-16.5	-10.8	-21.6	-27.4	-33	-21.2	-7.8	-21.2		
2002	-3.2	-6.1	-6.3	28.7	2.9	-0.7	5.5	-2.3	24.9	3.7		
2003	-3.1	-0.5	10.2	22.1	8.9	-7.0	19.6	10.9	31.0	5.4		
2004 Jan-Sep	8.0	12.1	18.8	35.4	35.2	31.9	39.3	31.5	51.1	18.4		

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

\*ASEAN6 refers to Indonesia, Malaysia, the Philippines, Singapore, Thailand and Vietnam. Source: Ministry of Finance.

# **II.2 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 75.3% in 2003 and further to 77.0% in the first three quarters of 2004.
- ⇒ The share of imports of capital goods decreased to 20.5% in 2003 and increased slightly to 20.9% in January-September 2004.

			Comp	osition (	%)		Change (ye	by % in US\$)
	1996	2000	2001	2002	2003	2004 Jan-Sep	2003	2004 Jan-Sep
Exports	100	100	100	100	100	100	10.4	24.2
Agricultural Products	0.4	0.2	0.2	0.3	0.3	0.2	8.4	-3.1
Processed Agricultural Products	3.1	1.2	1.4	1.3	1.2	1.2	4.1	18.5
Industrial Products	96.5	98.6	98.4	98.4	98.5	<b>98.6</b>	10.5	24.4
Heavy & Technology-intensive Industry*	60.5	71.4	71.1	73.1	75.3	77.0	13.8	28.2
Others	36.0	27.2	27.3	25.3	23.2	21.6	1.0	12.3
Imports	100	100	100	100	100	100	13.1	34.3
Capital Goods	17.9	28.0	25.0	23.0	20.5	20.9	0.4	41.5
Raw Materials	69.0	64.1	65.7	67.7	70.8	70.9	18.3	34.2
Consumer Goods	13.1	7.8	9.2	9.3	8.7	8.2	6.4	19.8

### **Composition of Foreign Trade**

\* 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, *Monthly Statistics of Exports and Imports*, October 2004.

#### 3. Domestic Investment

Real gross fixed capital formation shrank 2.0% in 2003, compared to -2.1% in 2002. Thanks to a more assured trend of global recovery and the resultant acceleration in private investment, total investment is estimated to have expanded 17.1% in the first half of 2004 and is expected to increase 13.8% for the whole year.

#### **Real Gross Fixed Capital Formation**

NT\$ billion; yoy %

	Total		Private	investment		enterprises estment		vernment estment
	Amount	Growth rate	Amount	Growth rate	Amount	Growth rate	Amount	Growth rate
1999	2101.2	1.8	1352.6	-0.7	239.2	13.3	509.3	3.6
2000	2282.0	8.6	1565.6	15.7	230.9	-3.5	485.5	-4.7
2001	1811.6	-20.6	1108.9	-29.2	240.3	4.1	462.4	-4.8
2002	1773.0	-2.1	1136.7	2.5	234.7	-2.3	401.6	-13.1
2003	1737.5	-2.0	1120.0	-1.5	223.6	-4.8	393.9	-1.9
2004(f)	1976.3	13.8	1389.0	24.0	202.0	-9.6	385.3	-2.2
Q1(p)	414.6	14.1	306.3	22.4	30.4	-11.5	77.9	-0.6
Q2(p)	472.7	20.1	337.3	35.0	43.5	-9.5	91.9	-4.0
Q3(f)	483.3	12.1	338.2	22.0	46.0	-11.2	99.1	-2.9
Q4(f)	605.7	10.2	407.1	18.9	82.1	-7.8	116.5	-1.2

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

Source: DGBAS, 186th Commission on National Income Statistics Meeting, August 20, 2004.

## 4. Production

Industrial production continued to grow, at a pace of 7.1%, in 2003. It increased 12.5% in January-September 2004, as manufacturing industry expanded 13.7%.

	_				/0
	Industrial production	Mining	Manufacturing	Electricity, gas, and water	Construction
2000	6.9	-8.5	8.1	7.7	-14.7
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
Q2	1.4	-0.03	1.6	1.5	-2.7
Q3	7.4	-8.9	7.0	5.9	32
Q4	12.6	-23.3	13.3	4.4	17.9
2004 Jan-Sep	12.5	-6.2	13.7	3.9	-2.4

**Growth Rate of Industrial Production** 

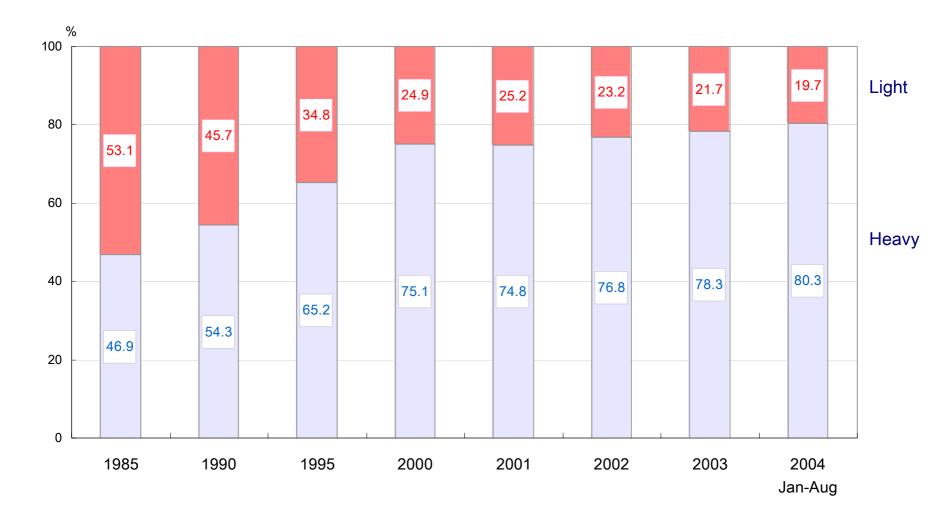
%

\*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 Economic Affairs, Industrial Production Statistics Monthly, Taiwan.

## **Structure of the Manufacturing Industry**

The share of heavy industry in manufacturing production continued to increase, from 78.3% in 2003 to 80.3% in the first eight months of 2004.



# **II.5 DOMESTIC ECONOMY**

### 5. Employment

Nonagricultural employment has displayed marked improvement since the third quarter of 2003. The unemployment rate gradually lowered to below 5% in the fourth quarter of 2003, after increasing to a historical high in 2002. It fell further to 4.5% in January-September 2004.

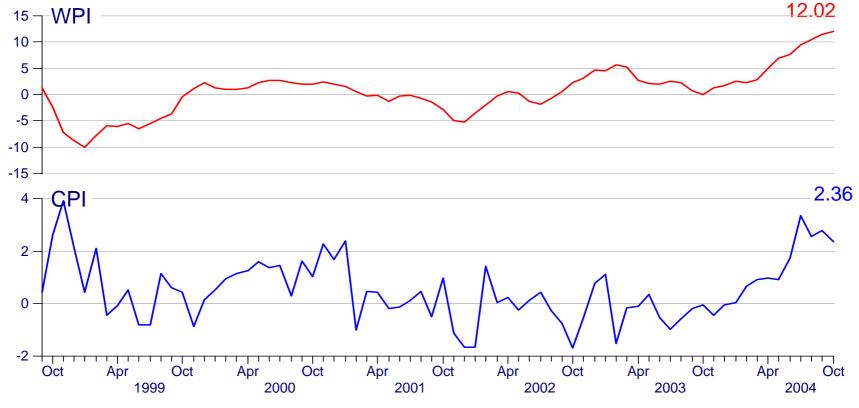
	Lab	or Force	Unei	mployment	U U	ricultural oyment
	1,000 persons	Participation %	1,000 persons	Rate %	1,000 persons	уоу, %
2000	9,784	57.7	293	2.99	8,753	1.6
2001	9,832	57.2	450	4.57	8,677	-0.9
2002	9,969	57.3	515	5.17	8,745	0.8
2003	10,076	57.3	503	4.99	8,877	1.5
Q2	10,034	57.2	501	5.00	8,836	1.1
Q3	10,117	57.5	524	5.14	8,897	1.6
Q4	10,129	57.4	480	4.74	8,964	2.3
2004 Jan-Sep	p					
Average	10,222	57.6	<b>462</b>	4.50	9,111	3.0

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

# **II.6 DOMESTIC ECONOMY**

#### 6. PRICES

Wholesale prices increased 2.5% and consumer prices decreased 0.3% in 2003. Since the second quarter of 2004, prices rose more rapidly with the steep increase in energy prices. Wholesale prices and consumer prices rose 7.0% and 1.6%, respectively, during January –October 2004.



### Price Change (% change over a year)

Source: CEIC.

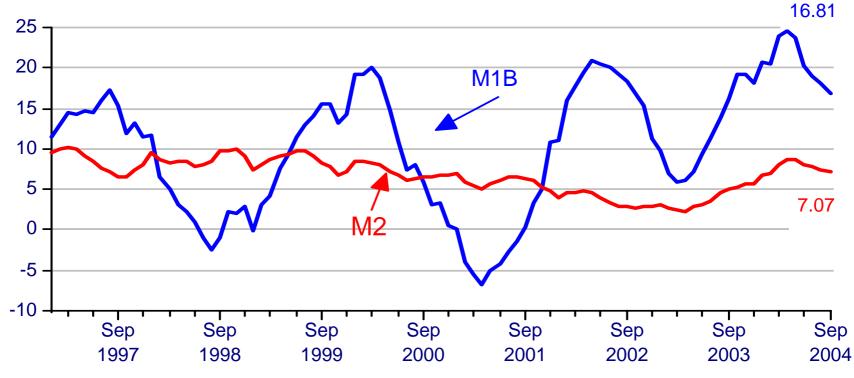
# **II.7 DOMESTIC ECONOMY**

#### 7. *Money & Finance* (1) Money Supply

The annual growth rate of M1B and M2 recorded 11.8% and 3.8%, respectively, in 2003. In September 2004, M1B grew 16.8% while M2 expanded 7.1%.

# **Money Supply**

#### Daily average, % change over a year

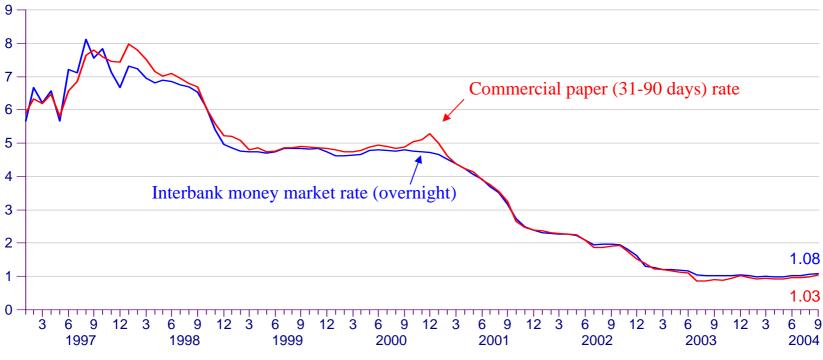


Source: CEIC.

# **II.7 DOMESTIC ECONOMY**

#### (2) Interest Rates

Market interest rates lowered continuously and reached historically low levels during end of 2002 and the third quarter of 2003. The downward trend leveled off since the last quarter of 2003, and has seen a reverse tendency more recently. In September 2004, commercial paper rate and interbank rate recorded 1.0% and 1.1%, respectively. Effective on October 1, the rediscount rate was raised from 1.375% to 1.625% by the Central Bank.



#### Interest Rate (%)

Source: CEIC.

# **II.8 DOMESTIC ECONOMY**

## 8. Business Monitoring Indicators

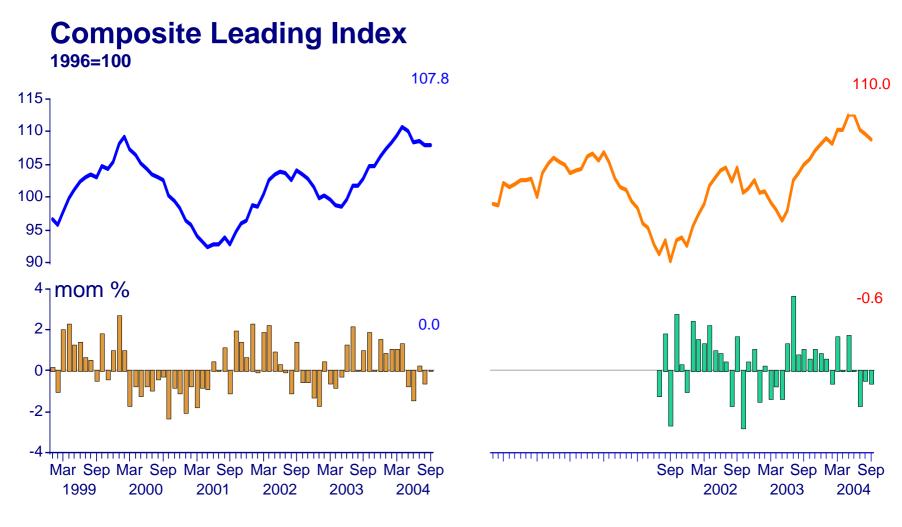
During the latter half of 2003, the steady recovery achieved in 2002 resumed as the SARS epidemic was brought under control. The monitoring indicators have flashed "yellow-red" light since December 2003, except in May 2004.

			20	03						20	004				
		9	10	11	12	1	2	3	4	5	6	7	8		9
Т	Total Scores		) 31	<b>0</b> 30	<b>0</b> 34	<b>0</b> 35	<b>—</b> 34	<b>—</b> 36	<b>—</b> 37	<b>9</b>	<b>0</b> 36	35	<b>—</b> 33		32
tor	Monetary Aggregates M1B, yoy%														16.6
al Sector	Direct and Indirect Finance, yoy%	$\bigcirc$		$\bigcirc$		$\diamond$				$\bigcirc$					9.3 <sub>p</sub>
Financia	Bank Clearings and Remittance, yoy %	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$				$\bigcirc$	$\bigcirc$			3.7
Fin	Stock Price Index, 1966=100, yoy%					$\bigcirc$					$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	3.3
	Manufacturing New Order Index, 1996\$, 1976.1=100, yoy %	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	10.9 <sub>p</sub>
Sector	Exports, 2001\$, yoy %	$\bigcirc$	$\bigcirc$	$\bigcirc$										$\bigcirc$	15.4 <sub>p</sub>
eal Se	Industrial Production Index, 1996=100, yoy%	$\bigcirc$	$\bigcirc$	$\bigcirc$										$\bigcirc$	7.0 <sub>p</sub>
Re	Manufacturing Inventory-to-Sales ratio, %	$\bigcirc$	$\bigcirc$	$\bigcirc$	ightarrow	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$						51.0 <sub>p</sub>
	Nonagricultural Employment, yoy%	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$		$\bigcirc$								3.0
•	Overheating 😑 Transition in need of watchin	g 🔘	Steadi	ly mov	ring fo	rward		Transi	tion in	need o	of wato	hing	$\bigcirc$	Reces	sion

### **Monitoring Indicators**

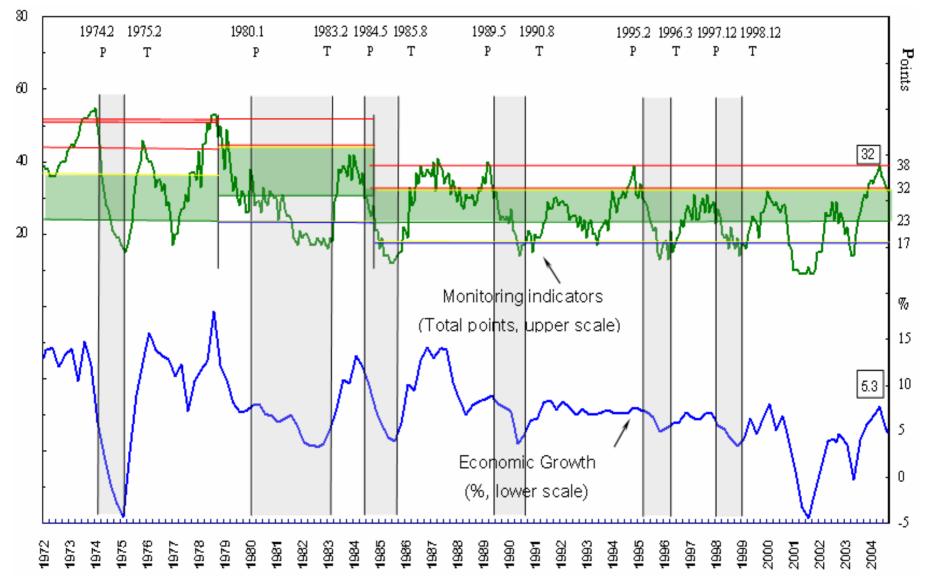
Note: All data, except stock price index, have been seasonally adjusted.

# **II.8 DOMESTIC ECONOMY**



Source: CEPD.

## **Monitoring Indicators and Economic Growth**



# **II.8 DOMESTIC ECONOMY**

According to surveys conducted by the Council for Economic Planning and Development, the manufacturing firms kept optimistic for eleven consecutive months until April 2004. The percentage of pessimists surpassed that of optimists in four out of the five subsequent months in 2004.

		Busine	ess Expecta	tion 3 mont	hs later	Consoity Utilization	Profit
		%	of manufacturi	ng firms survey	red	Capacity Utilization	PIOII
		Better (1)	Unchanged	Worse (2)	Net (1)-(2)	(%)	(%)
2003	Sep	22	65	13	9	78.7	4.8
	Oct	18	69	13	5	80.2	5.0
	Nov	20	65	15	5	79.5	4.9
	Dec	24	66	10	14	80.4	5.1
2004	Jan	34	59	7	27	77.1	4.7
	Feb	32	58	10	22	79.3	5.2 <sub>r</sub>
	Mar	19	70	11	8	80.9	5.4 <sub>r</sub>
	Apr	13	74	13	0	80.5	5.2 <sub>r</sub>
	Mar	14	69	17	-3	80.3	5.2 <sub>r</sub>
	Jun	12	73	15	-3	80.3	5.0
	Jul	12	71	17	-5	80.7	5.1
	Aug <sub>r</sub>	16	71	13	3	80.5	5.0
	Sep <sub>p</sub>	16	65	19	-3	80.4	5.0

## 1. Current Economic Issues

- ⇒ **Hiking oil prices** may contribute to upward pressure on domestic prices.
- The coming 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. In addition, China's recent tightening measures to avoid a hard landing are anticipated by many to affect the Taiwan economy.
- Domestic demand expanded modestly during 1999-2003, averaging 0.4% per year.
  Although forecasted to increase 6.0% in 2004, faster than the overall economy's 5.9%, domestic demand needs to be sustained to keep the growth momentum.

# **III.1 CURRENT ISSUES**

- ➡ Fiscal deficits have expanded rapidly in the past decade, as it has become more difficult in raising fiscal revenues and contracting expenditures.
- ⇒ Inadequate infrastructure has been on the top list of impediments to Taiwan's competitiveness improvement by major competitiveness researchers.
- ⇒ The banking sector reached very high levels of non-performing loan ratio, at 8.8% in the first quarter of 2002, with problems most severe among community financial institutions. Although domestic banks as a whole improved to 3.5% in August 2004, community financial institutions still saw a level of 11.7%.
- ⇒ The emerging imbalance in manpower development
  - The unemployment ate has risen from 3.0% in 2000 to around 5% in 2002. Although declining to 4.5% in the first half of 2004, it is still above historical level.
  - 2) There is a growing inadequacy in the supply of highly professional and specialized manpower, managers, and basic-skilled workforce.

- 1. Key Policy Initiatives
- ⇒ The inter-ministerial price monitoring taskforce met in September 2004 and announced measures to diminish fears of inflation:
  - 1) Switching from "loose" to "neutral" monetary policy, lowering tariffs on energy and consumer imports, ensure adequate supply of food.
  - 2) Public utility rate adjustment will be based on consumer affordability, economic situation, and business profitability.
  - 3) The petroleum industries are called upon to avert supply risks for the short run. And in the long run, energy-saving technology and low energy-consuming, high value-added productions will be developed and promoted.
- 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.

⇒ 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.

#### ⇒ Measures to strengthen domestic demand

The "Taiwan's investment first" program was introduced to promote private investment. Among the key initiatives are land cost reduction, trillion-dollar financing for traditional industries and small and medium enterprises, five-year tax holiday for new investment in manufacturing, and infrastructural development. The program is designated to keep annual investment above US\$35 billion over the next five years.

#### ⇒ 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 relieve fiscal burden.

- Financial reform: The establishment of financial restructuring fund (RTC) and the passage of Financial Holding Company Law have helped liquidate and consolidate troubled financial institutions. As a result, domestic banks' non-performing loan ratio lowered to 3.5% in August 2004 from 8.3% three years ago, and community financial institutions; lowered to 11.7%.from 17.9%. Moreover, a plan to develop Taiwan as a regional financial services center is being launched to help form a funding center, promote asset management business, develop a variety of new financial products, and to strengthen the health of the financial market.
- 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: An increase of US\$215 million in public services spending has been extended to create about 40,000 jobs in public services in 2004. For the long run, the government is promoting services with high potentials in production value, job creation, valueadded, international competitiveness, and in raising the quality of life. Among the list of such service industries are financial services, wholesale, retail, logistics/distribution/transportation, medical care, manpower training, tourism, cultural and creative, design, information, property management, R&D, environmental protection, and engineering consultancy.

#### 3. Challenge 2008: Six-Year National Development Plan

- ⇒ The comprehensive six-year national development plan is designed to foster the creativity and talent Taiwan needs to transform itself into a "green silicon island."
- ⇒ Total expenditure under the plan will be NT2.6 trillion (approximately US\$75 billion.)
- $\Rightarrow$  The major goals of the plan are:
  - 1) To develop at least 15 products or technologies that rank among the world's best
  - 2) To double the number of foreign tourists visiting Taiwan
  - 3) To increase R&D expenditures to 3% of GDP
  - 4) To reduce the unemployment rate to less than 4%
  - 5) To boost the economic growth rate to over 5%
  - 6) To expand the number of broadband Internet users to over 6 million
  - 7) To create 700 thousand jobs

- ⇒ The plan includes three major reforms, of government, banking and public finance, and ten major investment areas as follows:
  - 1) Cultivate talent for the E-generation
  - 2) Develop the cultural creativity industry
  - 3) Develop an international base for R&D and innovation
  - 4) Develop high value-added industries
  - 5) Double the number of tourists visiting Taiwan
  - 6) Develop a digital Taiwan
  - 7) Develop Taiwan as an operations headquarters
  - 8) Improve the transportation infrastructure
  - 9) Conserve water resources and the ecology
  - 10) Construct new hometown communities

## **IV. PROSPECTS**

#### 2003

- ⇒ Taiwan's economy returned to positive growth in 2002, following its unprecedented contraction in 2001. The recovery was maintained in 2003, except for when an outbreak of SARS caused a temporary dip that pulled the second-quarter growth rate down to minus 0.1%. After the SARS epidemic had been contained, the economy picked up strongly in the second half of the year, thanks to rising optimism about the global economy and the emerging effect of increased government spending.
- $\Rightarrow$  The economy grew 3.3% in 2003 with consumer prices falling by 0.3%.

#### 2004

- ⇒ Exports are expected to continue posting double-digit growth in the last quarter of 2004, though at a somewhat more subdued pace than in the first three quarters.
- ⇒ The positive wealth effects created by the pepping-up of the stock and real estate markets helped bolster private consumption in the first half of the year. But consumer sentiment is expected to be more conservative through the year's second half under the impact of soaring oil prices, the expectation of interest rate rises, and the weakening of the stock market.
- ⇒ Capacity utilization has seen continued improvement. Private investment is expected to grow at a double-digit rate, driven by plant expansions in the opto-electronic and semiconductor industries and such large-scale projects as the high-speed railway and the 6th naphtha-cracker plant.
- $\Rightarrow$  Economic growth is expected to reach 5.9% with a moderate inflation of 1.5%.

#### 2005

- ⇒ Export trade is expected to cool off from exceptionally rapid growth to more sustainable levels following signs of weaker global expansion.
- ⇒ With domestic economic prospects remaining buoyant and forthcoming fiscal measures, the economic growth target rate is set at 5% with the CPI increasing no more than 2%.

# **ECONOMIC FORECASTS FOR TAIWAN**

Growth rate %

		2004	Difference from last projection	2005
World Bank	(Nov 2004)	5.8	+0.7	4.3
IMF	(Sep 2004)	5.6	+0.7	4.1
Global-Insight	(Sep 2004)	5.7	+0.4	4.5
CIER	(Jul 2004)	5.35	+0.68	4.44
TIER	(Nov 2004)	5.93	+0.26	4.62
DGBAS	(Aug 2004)	5.87	+0.46	4.49
Academia Sinica	(Jul 2004)	5.76	-	

P: preliminary estimate.

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.