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台灣總體經濟發展評析與展望

胡勝正*、何美玥**、洪瑞彬***

壹、近三年總體經濟表現

參、台灣發展實力評析

貳、當前經濟問題根源

肆、因應對策

近年來，台灣經濟迭受國際經濟衰退、911恐怖攻擊事件、SARS疫情等衝擊，經濟呈現較大起伏波動，一方面考驗國家整體競爭力的維持，另一方面則突顯若干長期結構性問題，正積極調整改善中。

在總體經濟表現方面，國內景氣已逐步復甦，惟成長動能仍待加強；失業率止升回降，但是結構性問題仍待調整改善；物價平穩趨低，惟通貨緊縮風險潛存。整體而言，國內總體經濟可謂在平穩中求進步，漸入佳境。

評析台灣發展實力，政府落實推動「拚經濟、大改革」，經濟知識化程度明顯提升，發揮創新研發優勢，總體投資環境亦明顯改善，國家競爭力逐年提升，國家潛能厚植，深具發展潛力。

壹、近三年總體經濟表現

一、經濟止滑轉趨復甦

89年下半年起，國內經濟受全球資訊投資泡沫化衝擊，經濟成長明

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顯轉緩，90年出現罕見的負成長。91年起國內經濟轉趨復甦，惟受SARS疫情影響，92年上半年景氣一度中挫，但自下半年起可望強勁復甦。根據主計處92年8月推估，92年經濟成長率將達3.06%，93年續增至3.81%。

(一)外需主導、內需相對疲弱

由需求面觀察，89年以來國內經濟成長來源，大致呈現外需主導、內需為輔的局面。

—外需主導：89至92年平均，國外淨需求(商品與服務貿易順差)對經濟成長之貢獻，估計達2.25個百分點，扮演國內經濟成長主動能角色。同期間，商品及勞務輸出對經濟的貢獻平均為3.43個百分點，略較85至88年的3.58個百分點為低；90年受全球經濟不景氣衝擊，輸出還一度呈現負成長。

—內需相對疲弱：91及92年國內景氣雖轉趨復甦，但國內需求對經濟成長之貢獻平均僅為1.20個百分點，較85至88年平均之5.57個百分點為低。其中，民間消費疲弱，89至92年平均實質成長率僅達2.2%，不及80年代6.9%的平均水準；民間投資雖自91年第3季起雖轉呈正成長，惟91年實質成長率僅達2.5%。

表 1 經濟成長來源

單位：貢獻百分點

民國	GDP 成長率 (%)	國內 需求	國內需求			國外 淨需求	商品及 服務輸出
			民間 消費	民間固定 投資	公共 支出		
80-84年	7.12	7.22	4.46	1.59	1.15	-0.11	3.97
85-88	5.69	5.57	3.82	1.15	0.48	0.13	3.58
89	5.86	3.88	2.98	2.36	-0.28	1.97	8.84
90	-2.18	-4.93	0.62	-4.78	-0.26	2.75	-4.35
91	3.59	0.96	1.23	0.30	-0.73	2.63	5.26
92*	3.06	1.43	0.55	0.19	-0.17	1.63	3.98
93**	3.81	2.96	1.59	0.72	0.25	0.84	4.26

註：1.公共支出包括政府消費、政府固定投資、公營事業固定投資。

2. *92年為估計值；**93年為預測值。

(二)公共投資規模持續縮減

自89年起，由於預算法與公債法的限制，政府固定投資支出明顯下滑，整體公共支出規模持續縮減。

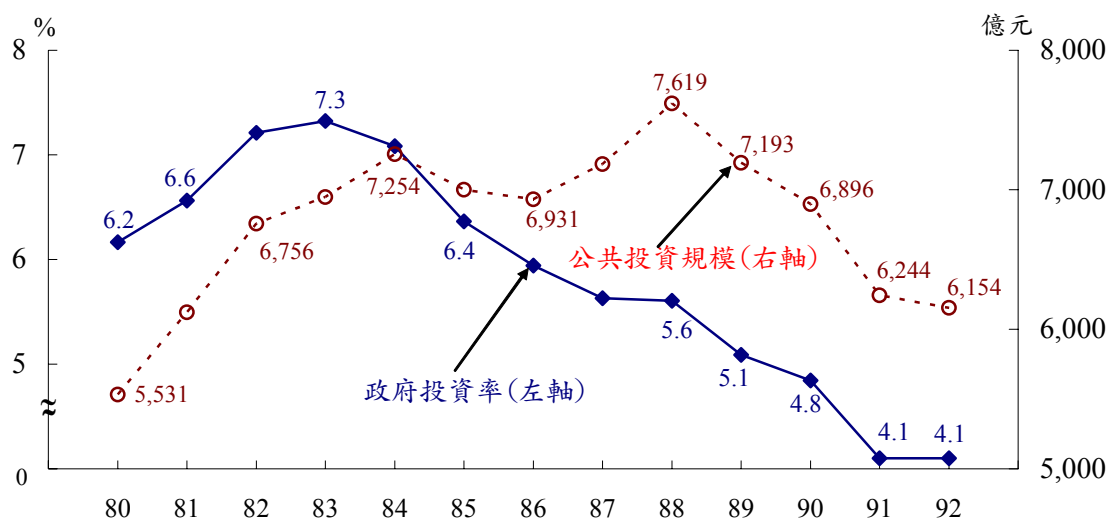
一公共投資規模持續下滑，自88年7,619億元高峰，降至92年的6,154億元，縮減達1,465億元。

一政府投資率亦逐年下降，92年降至4.1%，較83年7.3%高峰，降幅達3.2個百分點。

二、失業問題待改善

近年來，台灣勞動市場呈現失業率上升、勞動力參與率下滑現象。惟自91年9月起國內失業率已止升回降，勞動力參與率亦止降回穩。但是失業人口中，低技能、低學歷、中高齡勞工所占比率上揚，國內結構性失業問題浮現，仍待改善。

圖1 政府投資率及公共投資規模

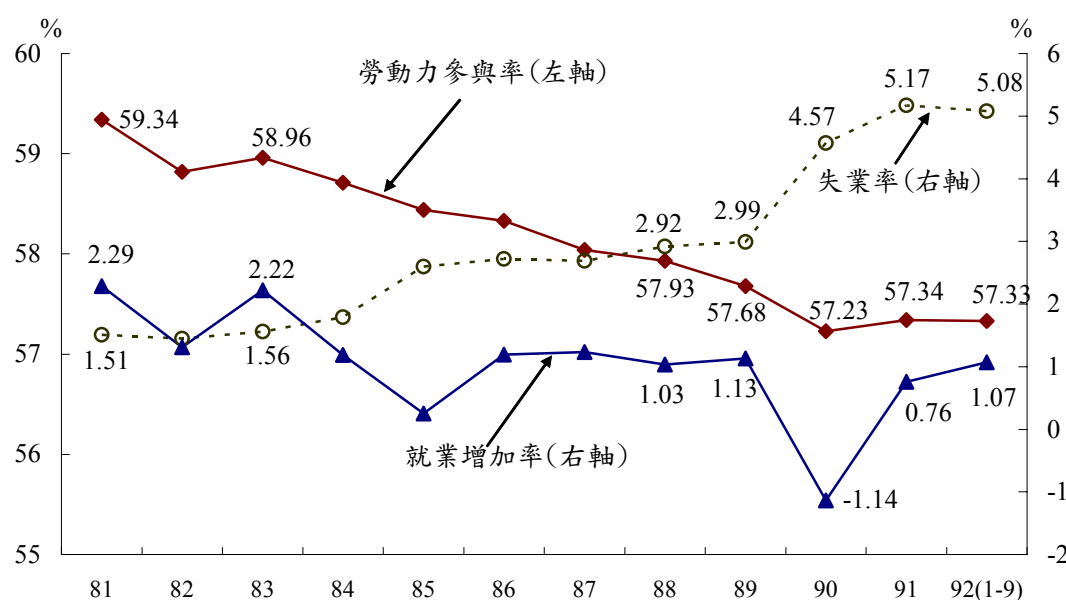


註：1.政府投資率係指政府固定投資占GDP比率。
2.公共投資規模係指政府與公營事業固定投資之和。

(一)失業率止升回降

台灣失業率85至89年間仍維持在3%以下，90年國內經濟轉呈負成長，就業人數首度縮減，致失業率攀升為4.57%。91年在全球景氣緩步復甦帶動下，台灣勞動需求轉呈擴增，惟就業增加率僅0.76%，失業率續升至5.17%。91年9月起失業率始逐漸回降，至92年4月、5月失業率分別降至4.92%、4.98%，7、8月份受部分應屆畢業生投入就業市場尋職影響，失業率微幅回升。

圖2 台灣勞動市場



(二)勞動力參與率止降回穩

台灣勞動力參與率在76年一度升達60.9%的高峰，其後轉呈長期下降趨勢，90年跌至57.23%，91年則小幅回升為57.34%，92年9月續增至57.32%。

—91年與88年比較，勞動力參與率共下跌0.59個百分點。其中，男性下跌1.71個百分點，女性則上升0.56個百分點。

- 同期間，45-64歲中高齡組勞動力參與率下跌1.31個百分點，15-24歲青少年組亦下跌1.27個百分點，僅25-44歲青壯年組上升0.61個百分點。
- 88至91年間，國中及以下教育程度者勞動力參與率下跌2.30個百分點，大專及以上程度者亦下跌3.09個百分點，僅高中職程度者上升0.54個百分點。

表 2 勞動力參與率之變動

單位：%

	性別			年齡別				教育程度別		
	總計	男性	女性	15至24歲	25至44歲	45至64歲	65歲及以上	國中及以下	高中職	大專及以上
88年	57.93	69.93	46.03	36.56	79.36	60.35	7.92	50.26	61.36	68.75
89年	57.68	69.42	46.02	36.28	79.60	59.80	7.71	49.42	61.40	69.36
90年	57.23	68.47	46.10	35.47	79.71	59.13	7.39	48.51	61.38	67.98
91年	57.34	68.22	46.59	35.29	79.97	59.04	7.79	47.96	61.90	65.66

資料來源：行政院主計處編印人力資源統計年報，91年。

(三)結構性失業問題浮現

分析80年代失業者的失業原因，以對原有工作不滿意之自願性失業為主，惟近年來因工作場所歇業或業務緊縮，以及因臨時性工作結束的非自願性失業人數大幅增加，已超過自願性失業者。此外，失業者亦明顯集中於藍領工作、國中及以下程度、45歲及以上者，突顯產業結構轉變過程，基層弱勢勞工的困境。

- 非自願性失業者占失業者的比率，由88年的41.3%，擴增至91年的57.3%。
- 從事基層工作的藍領工作者(生產有關工人、機械設備操作工、體力工)占失業者比率由88年的38.4%，續增至90年的44.9%，91年回降至42.5%。
- 中高齡者(45歲及以上)失業者所占比率由88年的14.1%，持續攀升至91年的17.7%。

一國中及以下教育程度者占失業者比率，由88年的34.6%，升為90年的36.4%，91年降為33.4%，所占比率仍超過三分之一。

表3 失業人數之特性

	失業人數 (萬人)	各類失業者占總失業者之比率(%)			
		非自願性 (按失業原因分)	藍領工作 (按職業別)	國中及以下 (按教育程度分)	45歲及以上 (按年齡別)
88年	28.3	41.3	38.4	34.6	14.1
89年	29.3	40.6	40.4	34.5	15.0
90年	45.0	57.3	44.9	36.4	16.9
91年	51.5	57.3	42.5	33.4	17.7

資料來源：同表2。

三、物價平穩趨低

(一)物價出現下跌警訊

物價緊縮(deflation)是指一般物價水準持續性下跌的現象。90、91年我國消費者物價分別下跌0.01%及0.2%，惟核心物價仍呈現正成長。92年1-9月消費者物價持續下跌0.31%，核心物價亦由正轉負。根據主計處預估，92年消費者物價將下跌0.09%，係連續第三年物價下跌。國際貨幣基金5月發表的研究報告，將台灣與香港、日本及德國同列物價緊縮(deflation)高度風險國家。

(二)消費者物價下跌來源分析

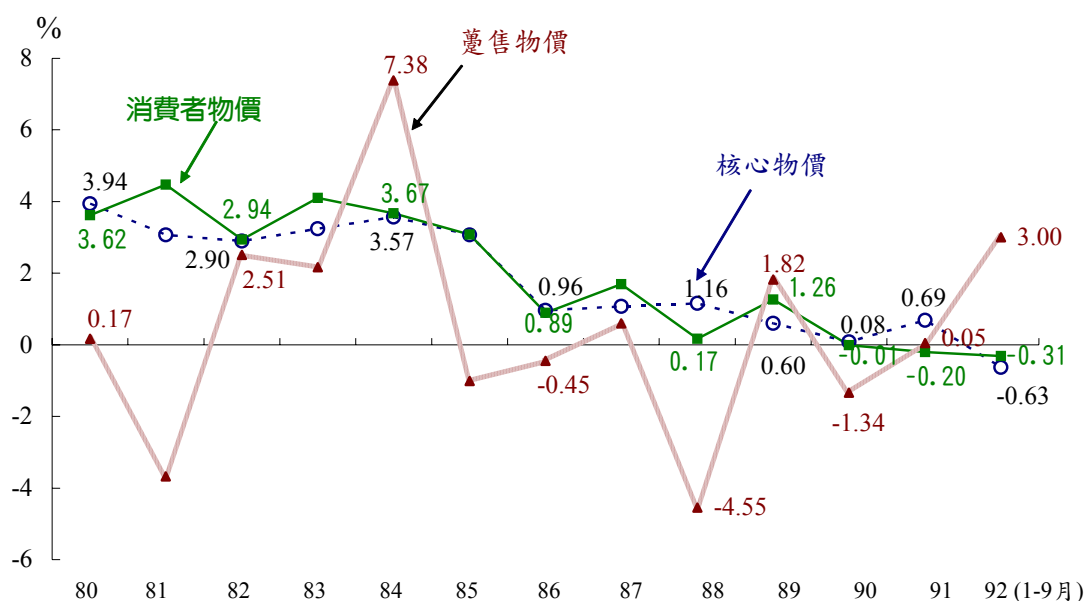
一國物價下跌形態，可分為供給面擴增誘發的良性物價緊縮(benign deflation)，以及需求縮減造成嚴重景氣停滯的負債型物價緊縮(debt deflation)。前者係拜技術革新及生產力提升之賜，可發揮低廉消費生產擴增的良性互動效益；後者則會衍生廠商生產萎縮、失業增加等惡性循環。

分析90及91年國內消費者物價下跌因素，主要係半耐久性與耐用品等商品類價格下跌，以及房租等居住服務及交通服務價格下跌所

致。由此顯示，近二年來台灣消費者物價的下降，受供給擴增以及需求縮減的雙重壓力。

- 一供給擴增：我國在加入WTO後，關稅調降，進口商品價格下跌，廠商生產成本亦相應降低，有利供給的擴增。中國大陸等低廉勞力國家的加入全球市場，促使競爭白熱化，導致生產能量過剩、價格下跌的重要因素。此外，全球IT產業投資泡沫化，也是導致各國產能過剩的重要因素。
- 一需求縮減：近年來失業率升高，薪資成長趨緩甚至轉呈下跌，民間財富縮水，在恆常所得縮減效應下，國內消費能力減弱。此外，國內證券及房地產市場泡沫的破裂，資產價格的緊縮(asset deflation)，亦是削弱國內需求的重要因素。

圖3 台灣物價變動率



資料來源：行政院主計處。

圖4 消費者物價下跌來源分析

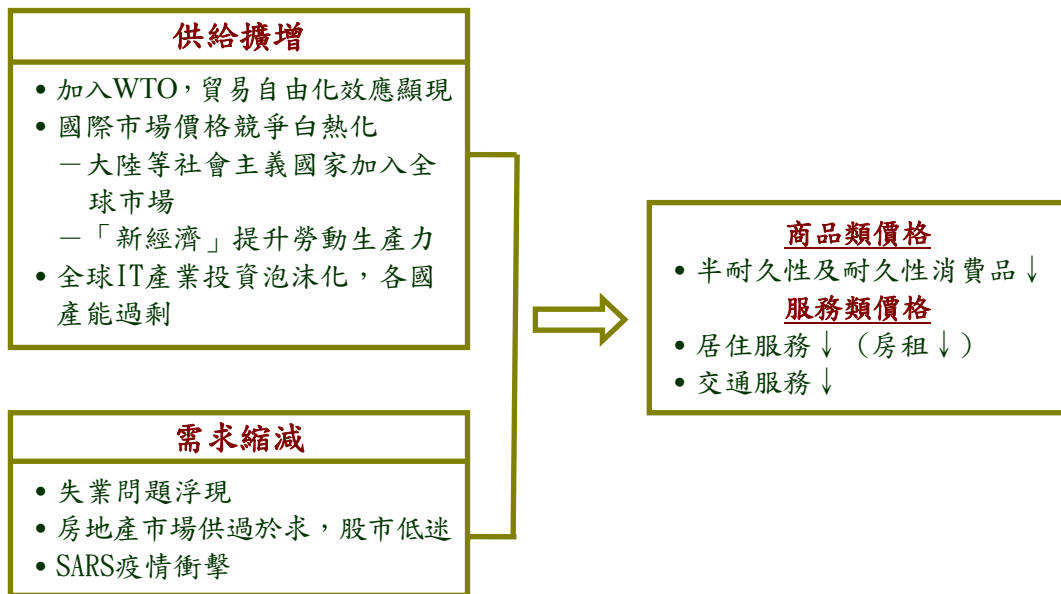


表4 消費者物價變動來源

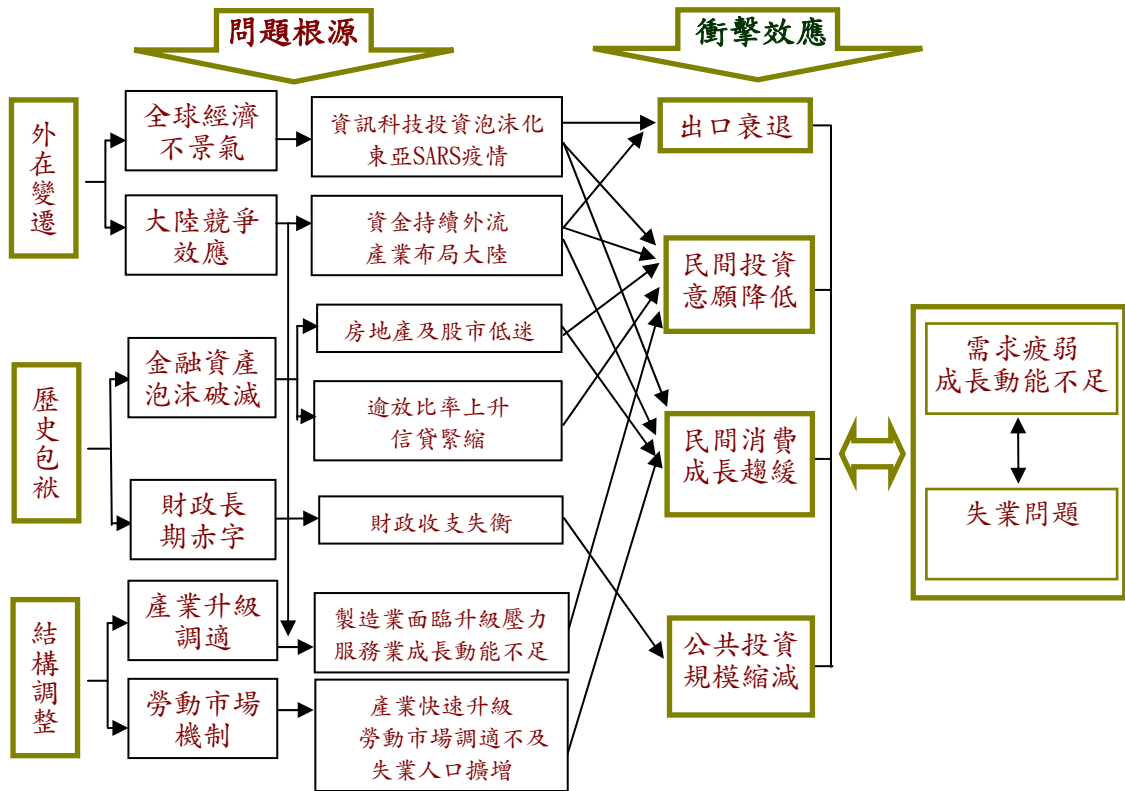
單位：貢獻百分點

	總計	商品類				服務類					
		小計	非耐久性消費品	半耐久性消費品	耐久性消費品	小計	居住服務	交通服務	醫療保健	教養娛樂	雜項服務
90	-0.01	-0.54	-0.23	-0.13	-0.18	0.53	0.01	0.10	0.07	0.34	0.02
91	-0.20	-0.03	0.14	-0.01	-0.16	-0.18	-0.22	-0.09	0.06	0.07	-0.01

貳、當前經濟問題根源

探討近年來國內成長動能明顯不足的原因，大致可歸納為三大因素：一為國內經濟遭受全球經濟不景氣、大陸競爭效應等外在變遷的影響；二為國內背負沈重的歷史包袱，舉凡：金融資產泡沫破滅、財政赤字等，均對國內投資及消費產生相當程度的負面衝擊；三為台灣與其他國家一樣，在經濟發展過程中，亦面臨產業升級壓力、勞動市場調適等結構調整問題。

圖 5 問題根源與衝擊



一、外在變遷

(一)全球經濟不景氣

2000年下半年起，全球資訊科技投資泡沫化，世界經濟景氣急轉直下，加以2001年911恐怖攻擊事件爆發，2003年上半年美伊戰爭、SARS疫情爆發，嚴重衝擊全球經濟景氣。2001至2003年全球經濟成長率平均為2.9%，低於1995至1999年平均的3.7%，更遠低於2000年的4.8%。

—美國2001年資訊科技投資泡沫化，民間投資支出銳減，經濟成長明顯轉緩，成長率由2000年的3.8%遽降至0.3%。2002年起隨著資訊科技產業存貨的逐步去化，資訊科技產業景氣轉呈復甦，美國景氣已呈現溫和成長，惟復甦力道仍嫌不足。

一日本仍未擺脫金融資產泡沫化與通貨緊縮的困境，經濟持續積弱不振，2001及2002年經濟成長率平均僅約0.3%，2003年將小幅回升至2.0%。歐盟國家則因內需疲弱，景氣復甦持續趨緩，2001至2003年間經濟成長率平均亦僅約1.0%，遠低於2000年的3.5%。

(二)大陸競爭效應

近年來中國大陸全力推展改革開放政策，經濟力量快速崛起。大陸挾其生產成本低廉與國內市場廣大的優勢，已成為東亞產業分工的重要基地，貿易商品的主要吸納市場，為各國創匯的重要來源。台灣與大陸經貿整合密切，所受衝擊最為顯著。

一資金磁吸效應：1997年亞洲金融風暴以來，外資流入東亞地區明顯減少，惟外資流入大陸規模卻日趨擴大，大陸已成為全球外資的最大流入國，亞洲外資的聚寶盆。2002年大陸外人直接投資流入金額已達530億美元，居全球首位。其中，台灣對大陸直接投資協議累積(1992至2002年)已達587億美元，占大陸外人投資排名第三位。

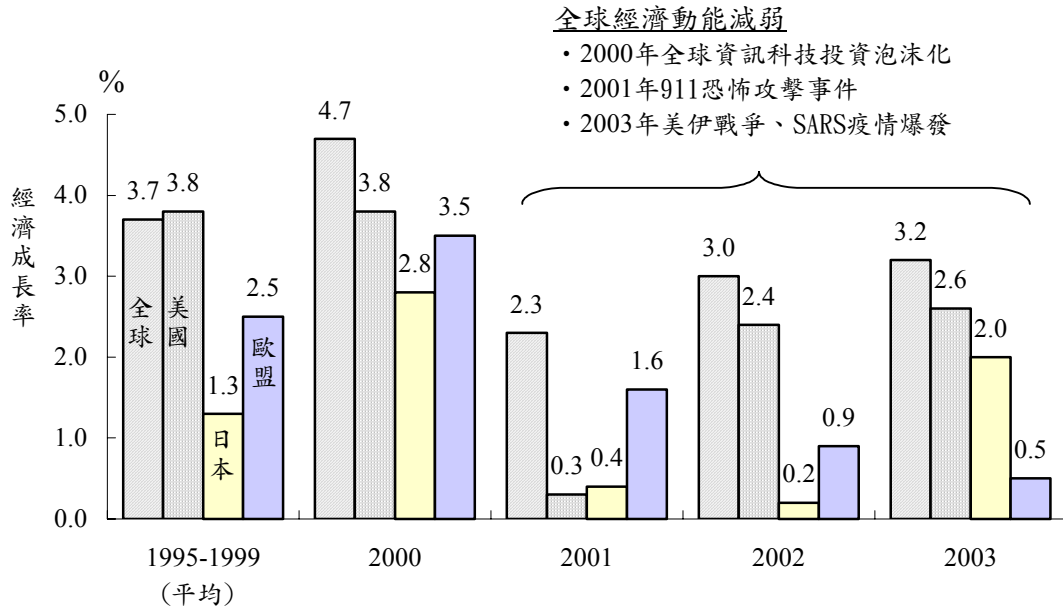
一企業加速兩岸布局：隨著我國企業的加速兩岸布局，2002年台灣對大陸及香港出口占我總出口比率續增至31.2%，對其貿易出超亦增至311億美元，經貿快速整合。其中，資訊硬體產業赴大陸生產比重持續大幅上揚，至2002年已高達46.9%。

二、歷史包袱

(一)金融資產泡沫化

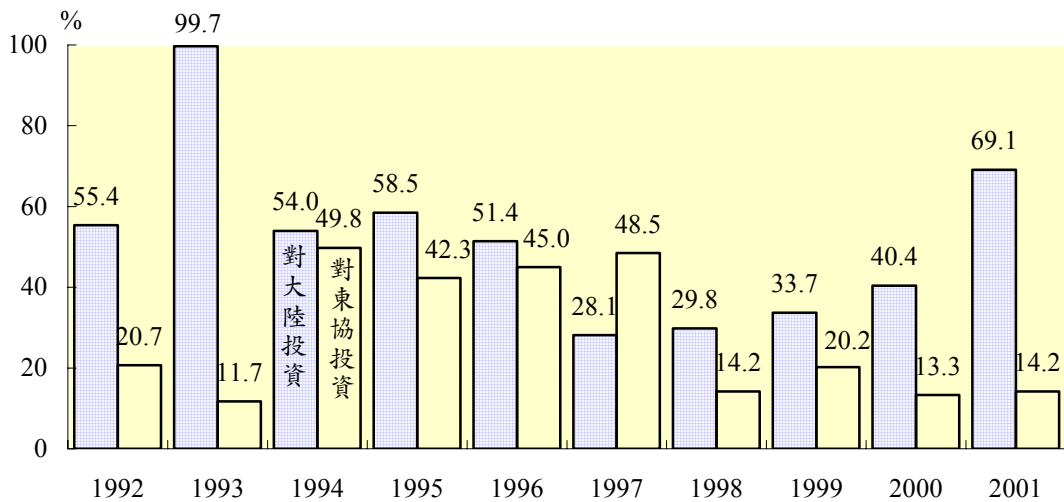
民國70年代中期以來，台灣由於貿易巨額出超，貨幣供給額遽增，股價與房地產價格一度飆漲，惟自民國80年代起，台灣股價、房價等資產價格已相繼下跌。其中，股價由79年的8,775點高峰，陡降至82年的4,215點，86年一度回升至8,411點，90年再度下挫至4,907點；台閩地區都市地價指數亦由84年的100.9，持續下跌至91年的84.9，跌幅達15.8%。

圖6 全球經濟不景氣



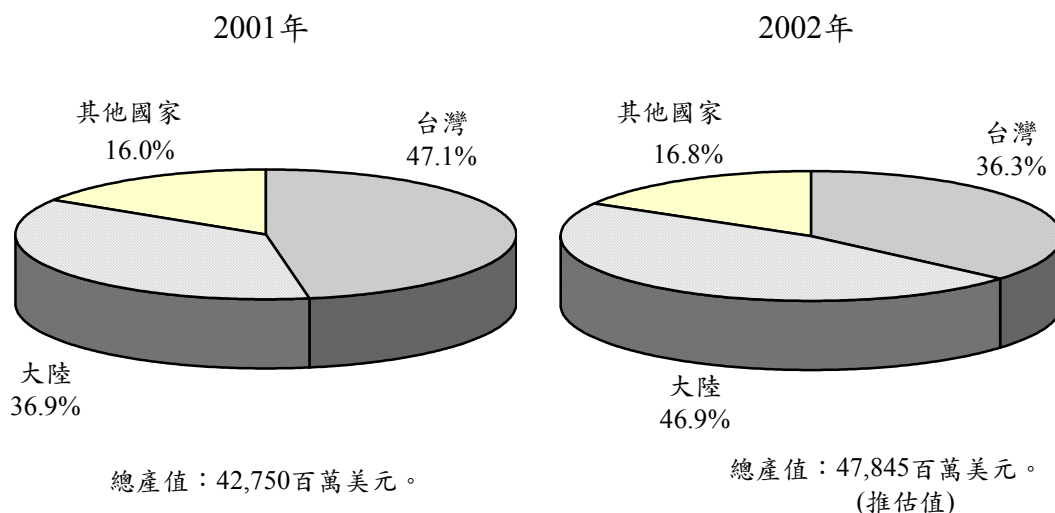
資料來源：IMF, *World Economic Outlook*, September 2003。

圖7 台灣對大陸及東協國家直接投資協議金額



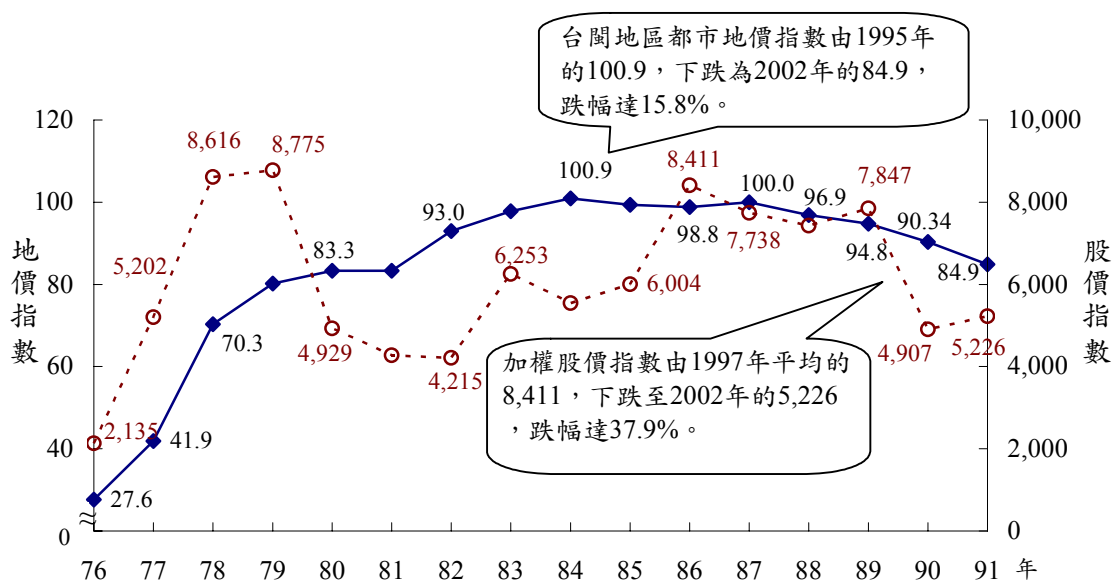
註：東協係指泰國、馬來西亞、菲律賓、印尼、新加坡、越南與柬埔寨等7國。
資料來源：中華民國經濟部投資業務處，各地主國統計資料。

圖8 我國資訊硬體產業全球生產布局



資料來源：資策會MIC IIS計畫，2002年11月。

圖9 台灣股價與地價指數變動



註：76至80年台閩地區都市地價總指數為推估數。

資料來源：1. 財政部證期會，台灣地區證券暨期貨市場重要指標，92年6月。

2. 李高朝，泡沫經濟對台灣經濟發展之影響，92年5月。

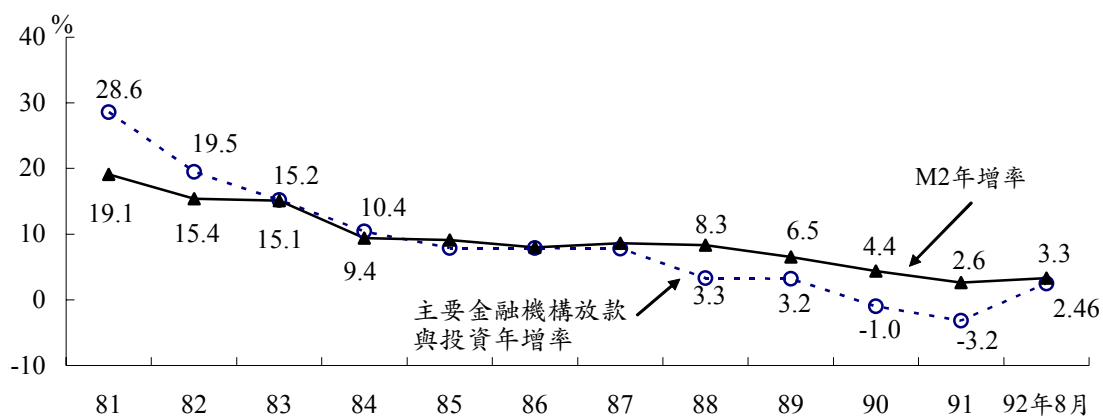
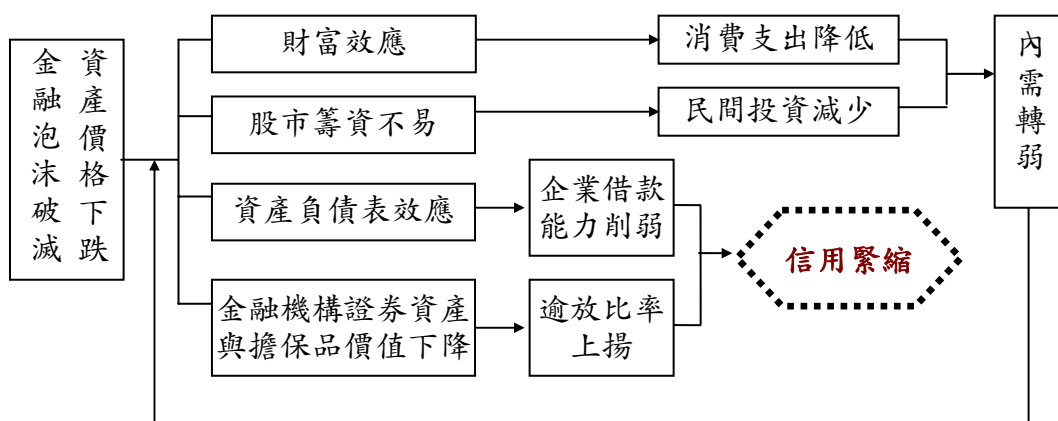
1. 資產價格下跌負面效應

資產價格泡沫化，一方面會經由財富縮減與企業資金成本提高效應，削弱國內需求；另一方面則會惡化銀行資產品質，降低銀行信用中介功能，甚或引發信貸緊縮，衝擊金融體系，阻礙整體經濟運行。

—M2年增率81年達19.1%，自84年起則降至10%以下，88年底為8.29%，92年3月一度降至1.87%的歷史低點，惟8月已回升至3.3%。

—主要金融機構放款與投資年增率81年達28.6%，88年底已降至3.28%，90年9月起轉呈負值，92年6月始轉呈正成長1.26%，8月續增至2.46%。

圖10 資產價格下跌負面效應



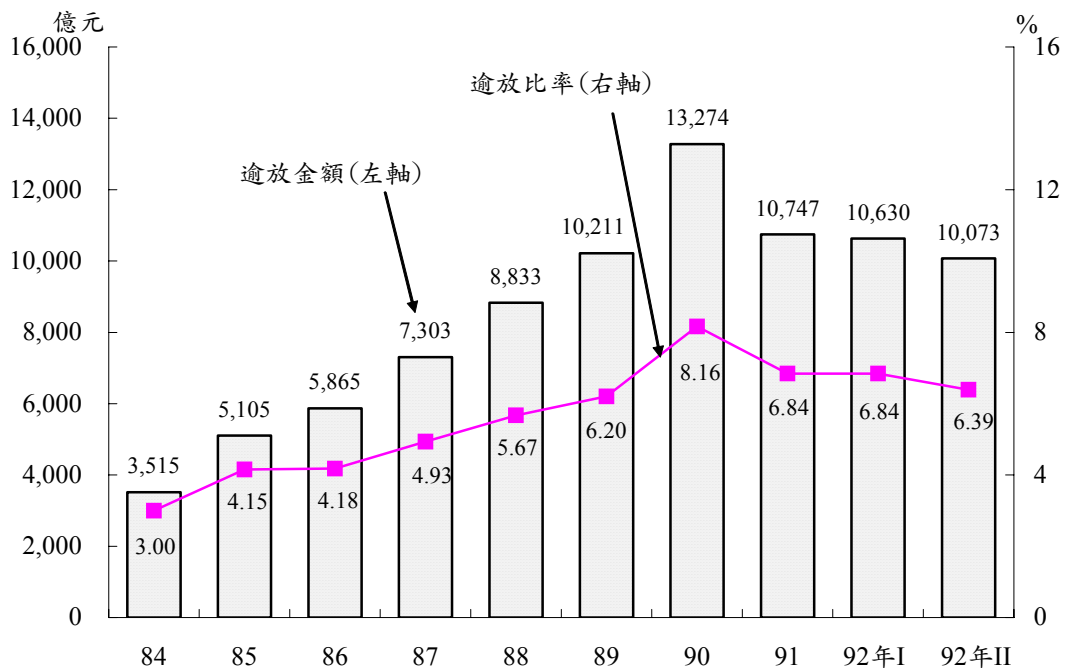
註：全體金融機構放款與投資年增率係包含催收款、打銷呆帳及出售不良資產。

2.金融機構資產品質變動

台灣金融機構由於資產暴露在股價及房地產價格波動風險的程度升高，資產價格下跌明顯影響擔保品價值，導致民國80年代中期以來我國金融機構放款資產品質快速惡化，不良放款比率明顯升高。89年底我國金融機構逾放金額已由84年的3,515億元陡增至10,211億元，逾放比率亦由3.00%倍增至6.20%。惟在政府力行金融改革，賡續推動「金融六法」，成立「行政院金融重建基金」，降低金融業營業稅率，要求金融機構全力打消呆帳的努力下，金融機構逾期放款問題已明顯改善。

- 全體金融機構逾放金額由90年12月的13,274億元高峰，降至92年6月的10,073億元，減少3,201億元。
- 逾放比率亦由90年的8.16%高峰，降至92年第2季的6.39%，降幅達1.77個百分點。

圖11 金融機構逾期放款變動趨勢



資料來源：財政部金融局。

(二)財政收支失衡

民國80年代，政府稅收成長因經濟成長轉緩而成長明顯下降，加以政府陸續推展各項重大公共建設及社會福利政策，導致財政收支一度失衡。其後，財政赤字一度縮小，惟89年度中央承接省府龐大債務，導致中央政府債務遽升，90年度起再納入糧食平準基金債務及因應921震災支出，政府債務負擔更形加重，財政收支乃轉趨失衡。

1.財政收支短絀

89年度，我國財政收支情況已出現惡化的徵兆。舉如：稅基流失，稅收呈負成長，各級政府收支短絀已增達3,560億元，明顯較88年度短絀456億元為高；占GDP比率亦由88年度的0.5%劇增至2.5%。尤其是89年度中央承接省府債務8,139億元，導致當年中央政府債務餘額激增，更是目前政府債台高築的主因之一。其後，國內經濟一度衰退，政府稅課收入成長持續明顯下降，也是促使財政缺口居高不下的主要原因。

—賦稅收入成長趨緩，為近年來政府財政入不敷出的原因之一。自88年度起，由於稅基縮減，政府賦稅收入轉呈負成長趨勢。91年賦稅收入占GNP比率僅達12.3%，較87年的15.2%，降幅近3個百分點。

—89至92年間，中央政府債務餘額增加8,512億元。事實上，若扣除非屬常態因素，舉如：921震災重建特別預算債務974億元；糧食平準基金累積債務932億元；SARS防治及紓困特別預算債務430億元；農產品受進口損害救助基金250億元(另外250億元編列在2004年度)；則3年合計，實際債務僅增加5,926億元。

2.政府債務負擔尚屬穩健

近年來，我國中央政府債務餘額雖大幅擴增，惟與國際各主要國家比較，中央政府負債餘額仍相對為低。同時，政府擁有龐大長期投資與固定資產，總資產淨值亦足以支應當前財政缺口及未來潛在債務負擔，政府債務負擔尚屬穩健。

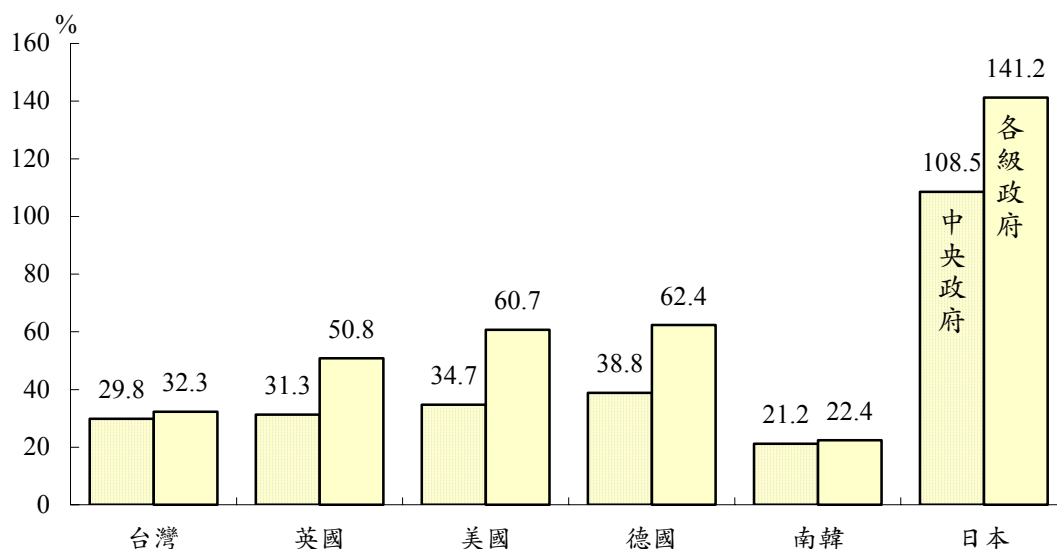
- 91年中央政府舉債額度占歲出比率已逼近公債法15%上限；惟債務餘額占前三年度平均GNP比率則僅為30.1%，低於40%之法定上限。
- 台灣91年各級政府債務餘額占GDP比率僅為32.3%，低於美國的60.7%、英國的50.8%，債務負擔尚屬穩健，仍有相當舉債空間。

表5 各級政府財政收支及中央債務餘額

年度	各級政府賦稅收入			各級政府財政收支餘(+)-絀(-)		中央政府債務餘額(億元)
	金額(億元)	增加率(%)	占支出比率(%)	(億元)	占GDP比率(%)	
85	11,978	-2.8	65.0	-2,396	-3.1	10,997
86	12,715	6.1	67.7	-1,740	-2.1	12,585
87	13,971	9.9	70.1	609	0.7	12,643
88	13,551	-3.0	66.1	-456	-0.5	12,149
88年下半年及89年	19,298	-5.1	61.4	-3,560	-2.5	23,575
90	12,587	-2.2	55.4	-3,750	-3.9	27,046
91	12,253	-2.6	53.1	-3,184	-3.3	28,975

註：91年度為預算數，其餘年度為決算審定數。

圖12 2002年主要國家政府債務餘額占GDP比率



註：英國係2001年資料、美國為2000年資料、德國為1998年資料。

三、結構調整

(一)產業升級壓力

近年來，台灣產業快速升級，服務業產值占GDP比率，自77年首度超過工業後繼續攀升，已為經濟成長的最大動能。惟90及91年服務業成長已有轉緩現象，工業部門則因傳統產業外移及高科技業的全球布局，呈現兩極化發展。

1.服務業成長趨緩

- 80至88年間服務業對經濟成長率的貢獻平均高達4.6個百分點，貢獻率達7成，惟自90年起服務業成長動能已有轉緩趨勢。
- 90年服務業出現罕見負成長局面，91年雖回升至2.79%，惟對經濟成長貢獻僅達1.8個百分點，遠較85至88年平均水準為低。
- 分析90及91年，服務業成長轉緩的原因，以批發零售餐飲業成長的降低最為顯著，反映國內需求的疲弱。此外，運輸倉儲及通信業與金融保險工商服務業成長的轉緩，亦是重要因素。

表 6 行業別國內生產毛額成長來源

單位：貢獻百分點

	GDP 成長率 (%)	農 業	工 業			服 務 業	批 發 零 售 及 餐 飲 業	信 運 業 輸 倉 儲 及 通	不 金 融 產 險 及	政 府 服 務
			製 造 業	營 造 業						
85-88年	5.7	0.0	1.5	1.5	-0.1	4.2	1.2	0.6	1.3	0.4
89年	5.9	0.0	2.0	2.0	-0.2	3.9	1.2	0.9	0.4	0.2
90年	-2.2	-0.1	-2.1	-1.6	-0.5	-0.1	-0.4	0.2	0.1	0.2
91年	3.6	0.1	1.7	1.7	-0.1	1.8	0.4	0.4	0.9	0.2

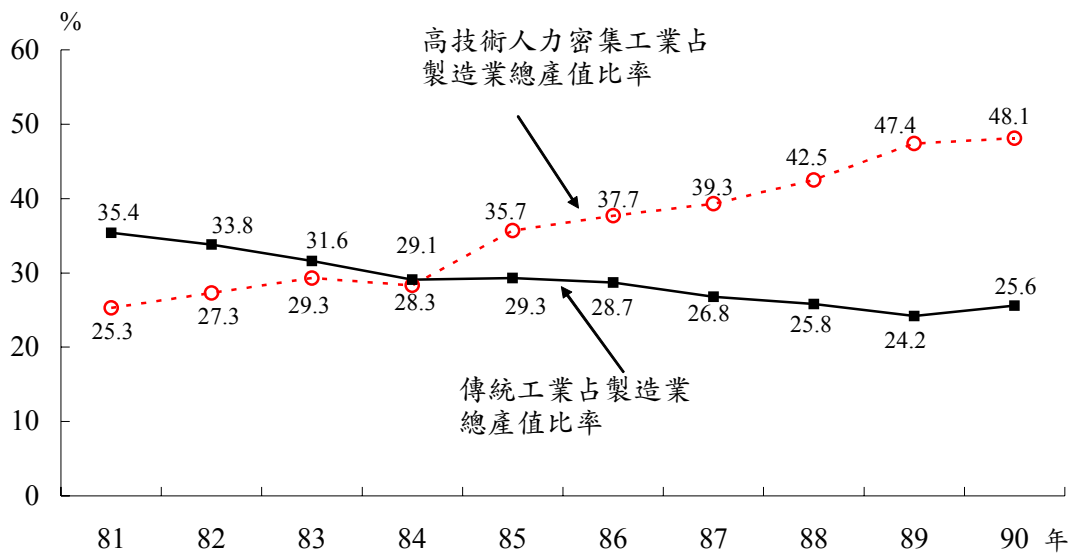
資料來源：行政院主計處編印國民經濟動向統計季報，第102期。

2.製造業發展兩極化

民國70年代末期，台灣傳統產業受新台幣升值、勞動成本上揚影響，加速外移，帶動國內高科技產業的茁壯。惟隨開發中低廉工資國家的加入全球市場，以及新興市場產業群聚效應衝擊，全球產業分工的日趨緊密，台灣製造業兩極化趨勢將更趨明顯，衝擊國內經社發展。

- 一傳統產業占製造業產出比率，由81年的35.4%，持續降為90年的25.6%，共下跌9.8個百分點。傳統產業多屬勞力密集產業，產值縮減造成就業機會大量流失。
- 一高科技產業占製造業產出比率，由81年的25.3%續增至90年的48.1%，增幅達22.8個百分點。惟面對資訊科技一日千里與其他新興國家的追趕，台灣高科技產業仍面對持續形成的壓力。

圖13 製造業產出結構變動趨勢



註：製造業採三大分類，包括傳統、高技術人力密集及基礎工業。

(二) 勞動市場機制

近年來，我國失業率的攀升，主要反映就業成長不足，無法吸納勞動供給的增加。國內就業成長有限，除受國際景氣低迷等循環性因素影響外，國內產業結構的快速調整，導致勞動市場調適不及，亦為關鍵因素。

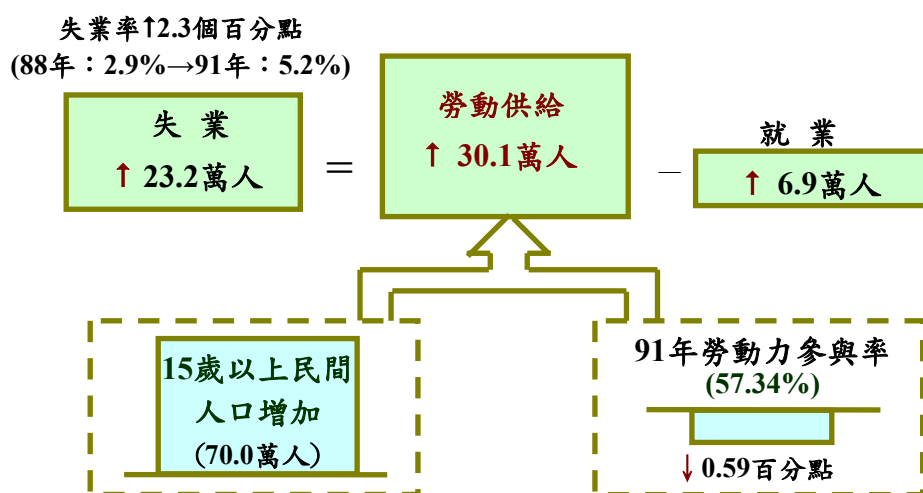
1. 就業成長不足，勞動供需差距擴大

88至91年間，國內勞動力受青少年求學期間延長與中老年提早退休影響，參與率下降，惟因15歲以上民間工作人口持續上升，勞動供給仍穩定增加。惟88至91年間新增就業機會尚不及85至88年間的四分之一。就業成長不足以吸納勞動供給增加，導致勞動供需差距擴大，失業率攀升。

— 88至91年間，就業人數共增加6.9萬人，就業增加率年平均僅0.2%，與85至88年間就業人數增加31.7萬人比較，明顯偏低。

— 88至91年間，勞參率雖下降0.59個百分點，惟15歲以上民間人口共增加70萬人，勞動力增加30.1萬人，年平均勞動力增加率達1.0%。分析勞動力參與率下降原因，顯示與男性、青少年及中高齡與低教育程度者受「喪志效果」影響攸關；女性勞動力參與率的上升，則是由於經濟壓力所導致的「額外勞工效果」之故。

圖14 台灣失業率變動來源（91年與88年比較）



2.新創就業機會有限，勞動市場機制亟待調整

88至91年間，國內新創就業機會不足，主要係因農業部門就業人口仍持續流失；工業部門因高科技產業新創就業機會無法吸納基礎產業、傳統產業及營造業釋出的大量勞工，致工業就業機會亦呈劇減所致。服務業部門雖仍為就業創造的主力，惟服務業就業占總就業比率，仍低於服務業產出占名目GDP的比率，顯示我國服務業就業機會仍待開發，勞動市場機制亟待活化。

- 88至91年間，農業就業人數減少6.5萬人，工業部門亦縮減16.1萬人，幸賴服務業開創29.5萬個工作機會，整體就業仍增加6.9萬人。
- 同期間，高科技產業雖新增13.8萬個工作機會，惟基礎、傳統產業的就業分別減少12.1萬人、5.8萬人，致製造業就業仍減少4.1萬人；加上營造業就業減少11.8萬人，工業部門總就業機會乃呈現明顯縮減。
- 服務業就業人數占總就業比率，已由88年54.5%增為91年57.3%，服務業產值占名目GDP比率，則由64.3%增為67.1%，服務業就業比率仍落後產值比率達9.8個百分點。

表7 行業別就業人數之變動

	總就業	農業	工業					營造業	服務業
			製造業			營造業			
			高科技	基礎	傳統				
就業人數(千人)									
88年(1)	9,385	774	3,492	2,603	963	783	859	843	5,118
91年(2)	9,454	709	3,332	2,563	1,101	662	801	725	5,413
就業結構(%)									
88年	100.0	8.2	37.2	27.7	10.3	8.3	9.2	9.0	54.5
91年	100.0	7.5	35.2	27.1	11.6	7.0	8.5	7.7	57.3
就業人數增加來源(千人)									
91與88年比較 (2)-(1)	69	-65	-160	-40	138	-121	-58	-118	295

資料來源：同表2。

參、台灣發展實力評析

根據WEF發布「2003-2004全球競爭力報告」，台灣在成長競爭力反映未來5至8年經濟成長潛力的全球排名，由民國89年的第10位逐年提升，92年已升至第5位；個體經濟競爭力指數(衡量當前生產力與經濟情勢變化)，排名亦由89年之第21位升至92年的第16位，反映過去三年政府全力「拚經濟、大改革」成就已逐步顯示，國家發展潛力明顯厚植。台灣經濟實力近年來提升的主因為：

一、經濟知識化，科技研發優勢提升

(一)生產轉向研發與運籌管理高附加價值型態

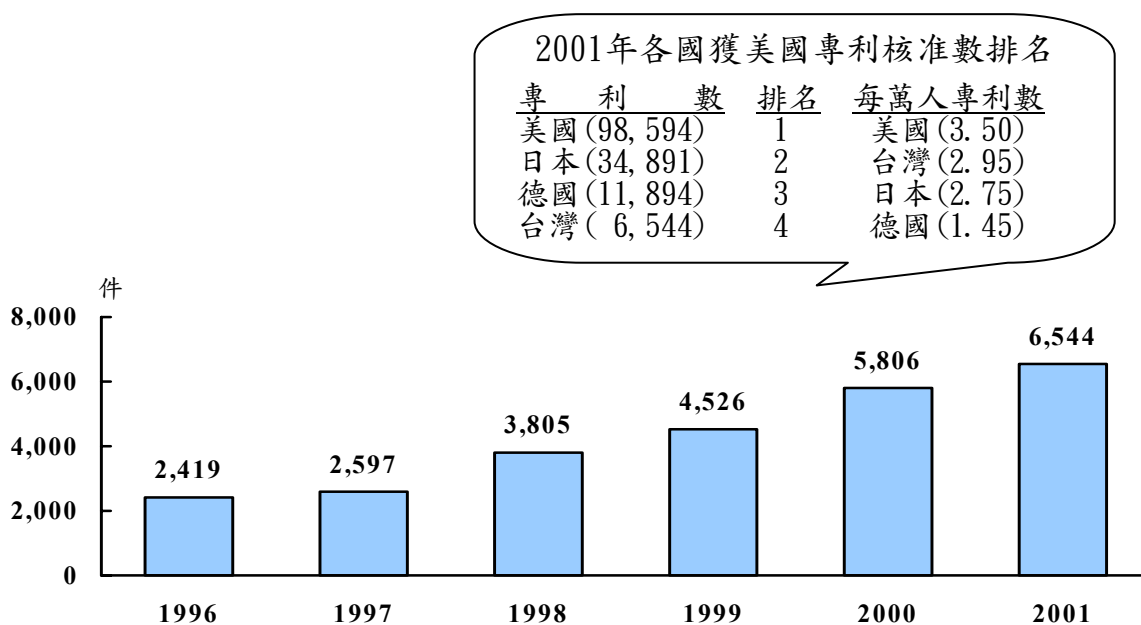
台灣產品過去一向以OEM委託代工製造(Original Equipment Manufacture)聞名世界，在政府與民間的努力下，已逐漸轉型為ODM委託設計+製造(Original Design Manufacture)、PDC產品研發中心(Product Development Center)及ODL/GL全球運籌(Original Design Logistics/Global Logistics)中心，生產轉向研發與運籌管理高附加價值型態。

- 台灣製造業占GDP的比率雖由81年的35.4%降為90年的25.6%，但高技術人力密集工業占製造業總產值比率已由25.3%，大幅上升至48.1%，產業快速轉型、升級。
- 台灣已逐漸成為跨國企業之亞洲研發基地，HP、Sony、IBM、Dell等10家國外企業與聯電、台積電、大眾、鴻海等60家國內企業，已來台申請成立研發中心。
- 台灣具有海空轉運便利優勢配合，堅實的製造業基礎，目前已有鴻海等151家國內企業，符合經濟部所訂標準並奉核准在台設置營運總部，2003年估計可達230家，2011年達1,000家。

(二)創新研發優勢提升

台灣在美國申請專利核准數排名由1998年第7名逐年提升至2001年第4名，2001年台灣獲美國專利核准每萬人專利數全球排名第2位，僅次於美國。台灣獲美國專利核准數亦由1996年的2,419件，逐年上升至2001年的6,544件。

圖15 台灣獲美國專利核准數



資料來源：美國商務部專利商標局。

二、財經大改革，總體投資環境改善

(一)掌握核心優勢

1.推動「知識經濟發展方案」，建構知識新經濟

政府自90年1月開始推動「知識經濟發展方案」，由法制面、基礎建

設面、人才供應面及政府行政面著手，進行全盤改造，建構「知識經濟發展、全民共享福祉」的良好環境。

—建構知識經濟發展環境：完成「金融控股公司法」，修正「公司法」，並建置未上市(櫃)股票交易制度，建設台灣成為創新研發基地；放寬固網、第三代行動通信業務，積極吸引外人投資國內電信業務。

—經濟知識化程度大幅提升：我國知識密集型產業產值占名目附加價值比率已經由1996年的31.6%，增至2001年的36.1%，接近1998年歐盟國家的37%；台灣知識工作者就業快速增加，占總就業人數比率由2000年的27.5%增加為2001年的28.1%。

2.推動「自由貿易港區」設置，建設台灣成為全球運籌發展中心

政府自89年10月起開始推動「全球運籌發展計畫」，致力簡化行政流程，規劃「自由貿易港區」，擴大境外航運中心功能，建立電子投標制度，構建企業全球運籌之發展環境。其中，「自由貿易港區設置管理條例(草案)」已於91年6月25日經行政院核定，採「境外關內」模式，配合港區事業自主管理，允許貨物深層增值等措施，將可發揮區內資訊流、金流、商流及物流等整合效益，降低業者運籌成本。

(二)改革財經體制

1.力行金融改革，整頓基層金融機構

政府積極加速處理問題金融機構，完成修、制定金融法案，建構具國際競爭力的金融環境。同時，宣示金融改革「二五八」目標，希望於2年內，將金融業逾放比率降至5%以下，而資本適足率提高至8%以上。

—降低呆帳比率：降低金融業營業稅及存款準備率，要求銀行積極打消呆帳；成立資產管理公司(AMC)，加速銀行不良債權之處置。92年6月全體金融機構逾放比率已由90年12月的8.16%降至6.39%。

一整頓基層金融：90年7月成立「行政院金融重建基金」，在兼顧存款人權益下，加速處理經營不善金融機構；接管36家體質不良的基層金融機構(90年8月)，包括：7家信用合作社、27家農會信用部、2家漁會信用部。

2.增進國家資產使用效率，健全財政收支

健全財政制度，5至10年內達到財政收支平衡目標。在增加財政收入方面，政府積極加強公有財產管理，增裕國庫收入；制定「規費法」，落實使用者及受益者付費精神，提高非稅課收入；調整稅制結構，以增加稅課收入。在改善財政支出方面，強化政府施政績效考核、推動業務委外，減少非必要支出；另澈底檢討財政支出結構、效率與規模，控制支出成長。

(三)積極投資未來

1.落實「綠色矽島」願景，建設國人理想桃花源

揭示建設台灣成為「綠色矽島」的國家願景，以充分掌握「知識化、永續化、公義化」世界潮流。同時，研擬「挑戰2008：國家發展重點計畫」、「投資台灣優先方案」、「知識經濟發展方案」等長中短期計畫，據以落實推動。

2.實施「挑戰2008：國家發展重點計畫」，以投資人才、研發創新、全球運籌通路、生活環境為四項投資主軸

「挑戰2008：國家發展重點計畫」依據「以人為本、永續發展」、「全球接軌、在地行動」的策略理念，以「三改」、「新十大」為主軸，「除弊」與「興利」並重，全力投資「人才」、「研發」、「創新」、「全球運籌通路」、「生活環境」，投資於增強未來發展潛力的重要建設，以儘速建設台灣成為人文科技島，落實綠色矽島的國家發展願景。

肆、因應對策

面對國際局勢詭譎多變與國內結構調整的嚴峻挑戰，為確保經濟的永續成長，政府已妥善研擬因應對策，從短期激勵景氣措施與中長期制度改造雙管齊下，以加速提振景氣、健全經濟體質，強化國家整體競爭優勢。

一、立即可行對策：擴大內需，排除通貨緊縮風險

(一)促進民間投資

為營造優質的投資環境，吸引外資，並鼓勵企業根留台灣，過去三年來行政部門積極降低用地取得成本、擴大租稅優惠、增加資金取得管道，並加強基礎建設，充裕水電供應，以改善投資環境，提升民間投資意願。

- 1.降低生產因素成本：91年5月推動工業區土地出租「006688」方案與國有土地「三免五減半」方案，大幅降低企業用地成本；推動製造業及相關技術服務業二年內(91年1月至92年12月)新增投資五年減免營利事業所得稅；國外高級人才引進限制亦檢討大幅放寬。
- 2.充裕水電供應：建構完善的輸配電系統，91年5月台灣南北超高壓第三輸電線，已全線完工，97年政府鼓勵設立的民營電廠將相繼商轉，北部用電將自給自足，民國100年之前台灣無缺電之虞。
- 3.發展以產業地理群聚為主的北、中、南三核心：加速形成「北IC、中奈米、南光電」的高科技產業聚落，帶動民間投資。
- 4.加速設立自由貿易港區：「自由貿易港區設置管理條例」已完成立法，申請設置辦法亦於92年9月公布，透過「境內關外」模式，可加速物流轉運，吸引企業來台投資。

(二)加速公共投資

衡酌近年來公共資本存量逐年縮減，為提振國內需求，以財政手段

擴大公共支出，仍為化解國內當前經濟困境的主要途徑。尤其當前國內利率水準達歷史新低，通貨潛存緊縮壓力，為積極推動公共建設的最適當時刻。惟考量政府財政，落實民間參與實屬必需。

1.落實、規劃擴大公共投資

—推動「擴大公共建設計畫」：以5年5,000億元的預算規模，加速文化、教育、交通、科技、水資源等各項建設，發揮提振民間投資、擴大就業、均衡區域發展及提升人民生活品質的多重效益。

2.落實民間參與公共建設

—91年12月行政院成立「促進民間參與公共建設推動委員會」，在「民間能做，政府不做；地方政府能做，中央政府不做」的思維下，提供投資誘因，運用民間資源及活力，推動公共建設。

—92年依促參法簽約規模已達1,172億元，達1,000億元年度目標。其中，民間投資額度將達1,098億元，2003至2004年估計為2,041億元。未來台北捷運系統環狀線、桃園航空城發展計畫、機場捷運、高雄捷運等重大公共建設項目，仍宜儘量委由民間進行。

3.推動不動產證券化，動員民間資金參與公共建設

—配合「不動產證券化條例」之通過，加速推動不動產證券化，建立完善不動產證券化體系，活絡不動產市場，以有效運用民間資金支應公共建設；並研擬運用證券化結合公共建設開發，有效彙集民間資金動能，支應公共建設。

—預先規劃不動產證券化示範案例，俾便立法完成後立即執行。

—優先建立次級市場，增加受益憑證的流通性及對投資人的吸引力；透過專業經營單位從事規劃運作，避免財團投機炒作心理。

二、制度性變革及中長期對策：健全制度，改造經濟體質

(一)落實金融重建

為強化金融體質，應儘速處理問題金融機構，營造金融業有利經營環境；同時，也要健全證券市場發展，推動建立符合國際規範的金融監理制度，提升金融機構競爭力，強化經濟運行脈絡，活化經濟成長。

1.改善金融體質

- 確實落實「行政院金融改革專案小組」之各項具體改革建議，並採目標管理，針對相關改革進程，訂定明確量化目標，切實達成。
- 建構有效處理銀行逾期放款機制，改善金融業資產品質。
- 配合國際清算銀行新巴塞爾資本協定實施，協助銀行建構風險管理機制。
- 督促金融控股公司建立風險管理機制，並推動銀行建立良好公司治理制度。
- 建立金融檢察官及金融法庭制度，並修訂金融作用法，有效遏止金融犯罪。

2.營造金融業有利經營環境

- 加速金融同業異業整合，鼓勵金融創新，強化金融市場之活力及競爭力。
- 健全金融資產證券化法制，排除法令障礙，提高金融資產流動性。
- 配合兩岸貿易及投資政策的調整，適時修正兩岸金融往來措施，引導廠商將資金調度移轉回國內金融機構。
- 建設台灣成為區域籌款中心，健全台灣OBU，放鬆資金往來限制；以OBU為基礎，擴大外幣拆款市場規模，並發展聯貸及境外證券業務。

(二)改善財政收支結構

為健全財政收支，應加速落實今(92)年4月行政院核定之「財政改革方案」，由稅課收入、非稅課收入、支出三大方向推動財政改革措施，期於2012年達成財政收支平衡目標，為經濟穩健發展提供財源基礎。

(三)活化勞動市場

目前台灣經濟發展已由「投資驅動」進入「創新驅動」階段，更將邁入「知識驅動」的發展階段，人才將扮演產業升級的絕對關鍵因素。政府除應創造多元就業機會外，亦應加強人才培育，提升勞動力素質。此外，中、高齡勞工失業問題的解決，亦刻不容緩。

1.創造多元就業機會

—發展在地型產業：如流通運輸服務業，醫療／健康／照顧服務業、觀光／旅遊／休閒服務業及環保產業等內需在地型服務產業。

—推廣非典型僱用制度：創造多元工作型態，促進就業。

2.發揮軟體公共建設效益，提升勞動力素質

我國目前政府職業訓練支出占GDP比例偏低，宜強化回流教育及人力資本投資，比照公共建設之投資增幅，適時再寬列職業訓練經費，強化職訓設施與師資，提升勞動者工作技能，以保有競爭能力。

3.強化業者僱用中、高齡勞工誘因

現行勞動基準法所規定之勞工退休金制度，妨礙中、高齡勞工繼續就業及中、高齡失業再就業機會，宜儘速完成「勞工退休金條例」草案之立法程序，促使企業易於計算人事成本，提高雇主繼續僱用中、高齡勞工或進用中、高齡失業者之意願。

4.加強就業媒介及轉業訓練，繼續鬆綁勞動法規。

(四)發展新興服務業

在知識化、永續化、公義化的世界潮流下，加速新興服務業的發展已是大勢所趨。政府刻正積極研擬「服務業發展綱領及行動方案」，以提升台灣「微笑曲線」兩端高附加價值服務業產值，如研發及技術、流通運輸、通訊，以及金融等服務業，以提升產業競爭力，並創造更多的就業機會。

Industrial Clusters and Networking: Toward a Knowledge-Based Economy

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1. Introduction
2. Literature Review
3. Case Studies
4. Cross-Border Technological Linkages of Industrial Clusters
5. The Role of High-Tech Manpower in the Rise of the Silicon Valley, Hsinchu, and Shanghai Industrial Clusters
6. Conclusions and Recommendations

1. Introduction

An industrial cluster may be defined as “a geographically proximate group of interconnected companies and associated institutions in a particular field [that are] linked by commonalities and complementarities. Clusters encompass an array of industries and other entities important to competition.....including governmental and other institutions such as universities, standard-setting agencies, think tanks, vocational training providers, and trade associations (Porter, 1998).” The chief attraction of clusters is the positive externalities for productivity that are generated when a collocation of firms become

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“interconnected.” In the era of the knowledge-based economy, research on industrial clusters has focused on two significant policy concerns: innovational entrepreneurship and cross-border interaction between firms.

A major theme of this paper is the role of industrial clusters in the formation and development of entrepreneurship. Like Johannisson (1998), we regard entrepreneurship as a spirit guiding the deployment of relevant resources in pursuit of opportunity, independent of the origin or ownership of such resources. As broadly defined by Bygrave and Hoffer (1991:14), the entrepreneurial process involves “all functions, activities, and actions associated with the perceiving of opportunities and the creation of organizations to pursue them.” Capable of identifying new opportunities and of reaping gains from them, entrepreneurs launch new ventures and take the risks necessary to exploit hidden profits, which, because of imperfect access to information, are yet to be uncovered. Thus defined, entrepreneurship lies at the heart of all economic progress, especially for developing countries that are lacking in natural endowment.

This paper highlights a two-dimensional interconnection between cluster-forming firms: a vertical dimension along which firms collaborate and perform complementary activities, and a horizontal dimension along which they compete and engage in parallel activities. Although it is often neglected by researchers who tend to overemphasize the benefits of collaboration and complementarity, competition is the key driving force behind industrial innovation and evolution, as well as the principal shaper of industrial culture.

The remainder of this paper is organized in the following manner. Section 2 briefly reviews the literature of industrial clusters and entrepreneurship. A number of case studies are presented in Section 3, while Section 4 examines cross-border technological linkages between industrial clusters. Section 5 takes a look at the diffusion of knowledge and skill between industrial clusters, citing evidence from the migration of skilled labor in Taiwan, Silicon Valley, and Shanghai. The final section of the paper is devoted to a brief summary of its findings.

2. Literature Review

Bresnahan et. al., (2001) identifies three key ingredients in cluster formation: entrepreneurship, linkages to a major expanding market, and the availability of skilled labor. Although all three of these ingredients are indispensable, broad leeway in formulating a cluster recipe encourages the co-existence of several clusters within an industry, instead of a single-cluster monopoly. Recipes are often culture-related, which explains why culture is an important factor in defining the development path of a cluster (Saxenian, 1994). The key to cluster formation is finding a formula that sets out a process of “cumulative causation,” pulling resources together into a region.

The experience of Silicon Valley points to the importance of venture capital in driving the process of cluster formation (Rowen and Toyoda, 2002). However, in other countries the process has been less clear cut. Though it has proved vital to the formation of Taiwan’s high-tech clusters, venture capital has played a less-significant role in other APEC members. In all countries, the importance of venture capital appears limited to only the start-up stage of business firms. Beyond that point, continued firm growth and cluster formation rely increasingly on support from traditional capital markets.

Collocation imposes certain constraints on firms, encouraging behavior conducive to a freer flow of business between them. Attempts to overutilize asymmetric information, market substandard goods, or create and exploit market shortages will, for example, lead to a firm’s being “blacklisted” and thereby deprived of information and trading opportunities. Such sanctions strengthen the bonds of trust and understanding, reducing occurrences of malfeasance and facilitating trade. Clusters prevail because they enforce behavior that diminishes the costs that members incur in identifying, accessing, and exchanging products (Maskell, 2001).

The collective nature of the cluster provides firms with certain advantages, shaping and driving competitiveness both nationally and globally. These

advantages are realized in the form of agglomeration externalities, three types of which have been classified by Glaeser et al. (1992). The first type is the Marshall-Arrow-Romer externality, which highlights industrial specialization within a region. This externality enables each firm in a cluster to reduce investment costs by allowing it to specialize in a narrow segment of the overall value-added chain. Smaller firms within clusters find ways to differentiate themselves, occupying unique market niches that have not yet been exploited, and together securing large contracts that could not be filled by any individual firm alone. This process fosters competition, collaboration, and innovation, enhancing the long-term prospects of success for small businesses that become part of a dynamic cluster.

The second type of externality is the Porter type, which arises from regional specialization and product differentiation. This effect stems mainly from local rivalry between firms, which further fosters the rapid diffusion of knowledge and the adoption of new ideas. In addition, the development of industrial clusters may lead to simultaneous competition and collaboration in product and service innovation, allowing firms to establish a sustainable competitive advantage in such dimensions as technology, work force, production methods, delivery time, quality, and resource procurement.

The third type of externality is a diversity externality, which is stimulated by an interchange of ideas between various types of activities within the region. As noted in Jovanovic and Rob (1989), new ideas can be derived from heterogeneous knowledge arising across firms and people. Thanks to ready access that they provide to sources of research, innovation, knowledge, and other industry-specific assets, the three industrial agglomeration externalities help to bolster the growth and strengthen the competitiveness of firms participating in industrial clusters.

The fact that clusters tend to be concentrated only in certain regions of certain countries may lead one to conclude that regional advantages are vital to successful cluster formation. However, although this observation may be valid

with respect to low-tech industries, it is not the case in high technology. A study by Bresnahan et al. (2002) of high-technology clusters in the U.S., Ireland, India, Israel, and Taiwan concludes that it is *economic factors* that give rise to cluster formation, and that these factors change as a cluster grows over time.

The success of a cluster can be measured by the internal growth of existing firms and by overall growth in the total number of firms. Growth in the number of firms is important because it is critical to the simultaneous creation of knowledge through variation and the division of labor (Wallsten, 2001). However, the growth of individual firms is equally important, since growing companies are often the source of increasing returns that underpin continuous expansion of the cluster, providing for potential spin-off opportunities, the development of managerial and technical competencies, and typical forward and backward linkages.

Structures and institutions have been receiving an increasing share of attention in the literature of cluster formation during recent years, with several studies on cluster-based industrial policy (Lawson, 1997; Lundrall, 1998) focusing on the innovation-driving effects of regional and national innovation systems. Although such systems vary greatly by structure and function, they share one key element in common: a group of networked institutions supporting the creation, combination, distribution, and application of knowledge. As one example, the regional innovation system that supports the Silicon Valley cluster in the United States—comprising laws, regulations, and conventions for securities, taxes, accounting, corporate governance, and other elements of the American system of innovation—is highly favorable to the formation of new business ventures (Rowen and Toyoda, 2002). In Taiwan, the regional system of innovation that has fostered the rise of the Hsinchu Science-Based Industrial Park (HSIP)—including two premier universities, a government-sponsored research laboratory, an R&D-friendly tax scheme, and employee bonuses that attract highly skilled labor—has helped spawn a community of seasoned engineers with strong ties to Silicon Valley. This system has proved itself highly effective in

spurring follow-up innovations arising from research that originated in Silicon Valley.

The rise of global production networks (GPNs) in recent years reflects the aspirations of countries to compete globally and to synchronize production and the delivery of services around the world. The emergence of these networks has given developing countries new hope in their ability to transform offshore production platforms into knowledge-rooted industrial clusters (Borrus et al., 2000). By expanding inter-firm linkages across national boundaries, GPNs increase the need for knowledge diffusion, giving rise to “learning networks” defined by a given geographical boundary with supportive institutional arrangements (Cooke, 1998). As part of this process, firms centrally positioned with the GPN transfer technical and managerial knowledge to local suppliers, achieving systemic efficiency and sharing R&D functions with other firms in the network.

In this paper, we also attempt to address the role of government in the formation and development of clusters. Although Bresnahan et al. (2002) frowns on proactive policies based on protectionist or infant-industry arguments (as well as “pick-a-winner” target-setting strategies), it acclaims the useful role of governments in pursuing “accommodative” policies. This prompts the question of how to distinguish between proactive and accommodative policies. And if we are able to point out the missing ingredients of formulas adopted in failed attempts to jump start industrial clusters, may we not also conclude that the governments involved were not “proactive” enough in remedying these deficiencies before launching their cluster-based policies?

3. Case Studies

3.1 Hsinchu and Tainan Science-Based Industrial Parks

Established in 1980 as a seedbed for the high-tech industries of the future, the Hsinchu Science-Based Industrial Park (HSIP) enjoyed early success in

attracting Taiwanese engineers to return from overseas and take up positions in resident business establishments. Thanks in part to government support, a local knowledge base, including a research institute and two top-ranked universities, was soon in place, promoting R&D and encouraging innovation. As the 1990s got under way, a booming venture-capital industry provided investment financing to a large number of firms that had launched start-up operations within the Park. Many of these firms positioned themselves as subcontractors to multinational corporations or undertook production to complement the product lines of MNCs, gaining access to world markets for their own high-tech products. Focusing on the mass-production segment of the global value chain, HSIP firms have become a repository of pre-commercialization technologies, acquiring for themselves ample opportunities to undertake research in product development. This form of technological annexation has allowed the Park's firms to benefit extensively from the cross-border flow of human resources.

Buoyed by the success of HSIP, in 1996 the government decided to open the next chapter of Taiwan's high-tech development by inaugurating a second science-based industrial park, the Tainan Science-Based Industrial Park (TSIP) in southern Taiwan. Although there are similarities between the two parks, Chou (1998) outlines three important differences. First, despite government assistance, the major driving force behind TSIP comes from the private instead of the public sector. Second, local government also has played an active role in the establishment of the Tainan park. Finally, TSIP is contributing importantly to the extension of Taiwan's high-tech industrial network from the northern to the southern part of the island. These different paths of development taken by the two parks can be attributed mainly to differences in their initial conditions and intended purposes.

3.2 Silicon Valley

A number of regional advantages and fortuitous developments have combined over time to make Silicon Valley what is perhaps the most-successful

science park in the world. First is the presence nearby of Stanford University and the University of California at Berkeley, whose brilliant scientists and researchers have helped make the valley a byword for innovation and cutting-edge technology. Second, the relocation to California in the mid-1950s of the giant military contractor Lockheed, and an expansion of public military procurement brought a heavy inflow of defense spending to the area and accelerated the growth of the semiconductor industry. Finally, the openness and flexibility of the local business culture, and its receptivity to new ideas and innovation have made the region an ideal environment for experimentation, entrepreneurship, and risk taking.

3.3 Penang and the Kelang Valley

Close cooperation between government and business has helped lay the foundation for the formation of industrial clusters in both Penang and the Kelang Valley in Malaysia. Multinational electronics manufacturers began relocating to these areas as early as the 1970s, and by 1998 foreign-owned corporations accounted for 83 percent of all fixed assets in Malaysia's electronics sector. Both clusters enjoy advanced levels of infrastructure, excellent educational institutions, and ready access to an abundance of highly skilled human capital. These factors, together with political stability, generous financial incentives, and restraints on unionization, have helped make Malaysia one of the most attractive sites worldwide for the development of high-tech industries.

3.4 Hamamatsu

Situated to the south of Tokyo, Hamamatsu became noted as a major manufacturer of textiles and textile machinery as early as the 19th century, when Japan embarked on the path to industrialization. Effecting a smooth transition from traditional to modern industries, the region today has become a major cluster for the production of motorcycles and automobiles, with a subcontractor

and supplier network extending from parts producers, machine tool manufacturers, and assemblers of semi-finished goods to metal casters and makers of precision instruments.

Ever sensitive to the winds of change, local-area manufacturers have in more-recent years shifted resources to the production of musical instruments, and Hamamatsu today boasts the presence of such industry leaders as Yamaha and Kawai among its corporate residents. Intensive competition in the Hamamatsu cluster tends to winnow out less-efficient producers, with survivors becoming leaders not only locally and regionally, but also in global markets.

Hamamatsu is also home to a large number of angel and venture-capital (VC) firms; indeed, the region boasts the highest concentration of venture capitalists in all Japan (Takeuchi, 2002, p.37). Thanks to their presence, no innovative entrepreneur in Hamamatsu who comes up with a novel product need worry about facing a shortage of investment financing. In fact, many of the Hamamatsu cluster's start-up managers ultimately become venture capitalists themselves, providing advice and assistance to younger entrepreneurs seeking seed capital for their own start-up ventures.

3.5 Shanghai

Excellent infrastructure, global production networking, and fast-growing producer services have spurred the formation of several regional industrial clusters, or Economic and Technology Development Zones (ETDZs), in Shanghai since the early 1990s, including Pudong, Minhang, Hongquao, and Caohojing. Benefiting from a substantial inflow of foreign direct investment (FDI), these zones have hosted the rapid development of such modern industries as electronics, medical equipment, computers, telecommunications, biotechnology, aerospace, and precision instruments. Smoothing the path to industrialization

have been a series of special financial initiatives, including tax exemptions and tax holidays. These preferences, plus the dynamism of the local entrepreneurial culture, have helped generate momentum for rapid technological innovation.

4. Cross-Border Technological Linkages of Industrial Clusters

Industrial clusters do not arise within a historical vacuum, nor are they isolated from the rest of the world. This is not to deny the importance of local milieus in the emergence of production networks, but rather a recognition of the role of international linkages in cluster formation and development. The sustainability of domestic clusters depends on the continued presence of indigenous firms with substantial capabilities for innovation. This, in turn, requires the “anchoring” of “network flagships” (or firms centrally positioned within clusters), which have a reputation for being footloose with regard to their investments. These flagships, and their international linkages, provide indigenous firms with the type of leveraging necessary for industrial upgrading, ensuring the growth and durability of the domestic clusters.

In recent years, as the trend toward globalization has spurred the increasing fragmentation of production and even of innovative capabilities (Feenstra, 1998), industrial clusters and indigenous firms in the developing world have been undertaking functions that, not long ago, could have been performed only by their counterparts in the developed countries. Pressures of cost containment have encouraged outsourcing, with the result that many flagship corporations in the developed world have become “hollowed out,” focusing their efforts on R&D and the marketing ends of the smile curve (Venkatesan, 1992; Swamidass and Kotabe, 1993; Kotabe, 1996; Chen and Ku, 2000). This has led to a decoupling of R&D from manufacturing, with brand marketers forming cross-border technological linkages with other firms that may not even be in the same geographic neighborhood.

As it becomes more reliant on “jointly consumed interdependent products

(Windrum, 1999),” industrial integration also requires increasing interfacing between widely dispersed multiple actors with different knowledge and skill sets in “innovation networks.” Consequently, the value chain is no longer internalized within individual firms, and industrial competition occurs increasingly between rival production networks containing a multiplicity of differentiated companies, rather than between vertically integrated monopolies. An advanced example of this model of competition can be found in the information technology (IT) industry, where integrated device makers (IDMs) like Apple, Compaq, Dell, and Motorola have delegated manufacturing functions to contractors, in order to focus their energies on marketing and new-product breakthroughs.

In some cases where technologies are not characterized by incremental change, leapfrogging development may arise, allowing firms or economies to bypass entire stages of technological development and jump straight into a new generation of technology. A typical example of this is the new industrial standard for third-generation mobile telecommunications, or TD-SCDMA, which, despite the low mobile-phone penetration rate in the mainland, has been proposed by China and accepted by the International Telecommunications Union. Another example is new versions of software, the use of which can be learned directly without having to master earlier versions. Firms within indigenous industrial clusters often employ such leapfrogging potential as a bargaining chip in forging formal or informal partnerships with firms in other clusters, giving rise to cross-border technological linkages between clusters. These linkages may help cluster firms to avoid technological stagnation (Piore and Sabel, 1984) and discontinuity arising from the effects of technological lock-in and institutional inertia (Blassmeier, 1991).

International linkages have been particularly important to Taiwan, where local industrial clusters have evolved simultaneously with the globalization of the island’s industrial structure. As an important component of domestic industrial clusters, the island’s PC industry achieved a new milestone in globalization when, in the late 1980s, it began to channel much of its investment not only to

Southeast Asia but also to mainland China and other offshore locations. As of 2002, Taiwan-based PC firms produced more personal computers offshore than onshore, with China alone accounting for 46.9% of their total production. Along with the PC industry's drive to reduce production costs, lead-time to market, and inventory costs, came a profound change in the industry's manufacturing system and inter-firm competition. It became increasingly commonplace for components to be sourced from a global network of suppliers and for full assembly to be carried out within the end-market (Angel and Engstrom, 1995; Borrus and Borrus, 1997). And as marketers of major brands moved to adopt outsourcing and order-based production to rationalize their global supply chains, they altered their contractual relationships with Taiwanese firms.

Such changes in contractual arrangements have spurred Taiwan's IT firms to upgrade their position in the global production system, coordinating global supply chain management for their OEM customers. As one illustration of the new business model, every element in Compaq's value chain is now outsourced to subcontractors in Taiwan. According to a "98-3" operational formula, these subcontractors must assemble 98 percent of all needed parts and components within three days of an order placement, and must ship the full order within six days. The local firms not only produce and deliver sub-system products on very tight schedules, but have also assumed the total inventory costs of the outsourcer. And to effectively synchronize their cross-border supply chain operations, they have had to organize a rapid-response cross-border production and logistics system, otherwise known as a "global logistics network" (Chen and Liu, 1999; Schive, 2000).

Recent years have also seen continued evolution of the industrial landscape of the global IT industry, particularly with regard to PC and IC subcontractors. Original equipment manufacturing (OEM), once the mainstay of IT firms in Taiwan, has gradually given way to original design manufacturing (ODM) and production under brand names, facilitating the entry of local firms into the design value chain at the mass-production level. And as China gains a greater foothold

in the global value chain and R&D, triangular cross-border linkages between Taiwan (Hsinchu), China (the Yangtze River Delta), and the U.S. (Silicon Valley) may come to play a more important role as drivers of technological progress and innovation than linkages between local industrial clusters in any individual country.

5. The Role of High-Tech Manpower in the Rise of the Silicon Valley, Hsinchu, and Shanghai Industrial Clusters

Let us imagine an analogy in which an industrial cluster is likened to a flower garden, the factories to flowers in bloom, and the workers to pollen-harvesting bees. Management of the garden is all important—not only so that the flowers can take root, germinate, and blossom, but also to attract more bees to collect pollen and produce honey, ensuring that the garden continues to flourish and, if possible, even expands.

In the world of industry, skilled and talented workers are the equivalent of bees in the flower garden, and their mobilization and recruitment are the key to survival and success. Indeed, ready access to an abundant pool of skilled labor can be the determining factor behind the meteoric rise of one industrial cluster, while lack of such access may explain why another, longer-established cluster withers and dies (Saxenian, 1994).

This section of the paper attempts to analyze the role that skilled labor has played in the success of Silicon Valley, HSIP in Taiwan, and the major industrial clusters that have sprung up around Shanghai. As part of this study, we will first attempt to identify those factors responsible for the reverse brain drain that occurred in Taiwan during the mid-1980s, and examine the impact of this phenomenon on technological innovation. Second, we will try to assess the effects of a new brain drain created by the rapid expansion of the Yangtze River Delta industrial cluster, and its implications for management, R&D, and innovation in Taiwanese enterprises. Third, we will study in some detail,

interactions between the Silicon Valley, HSIP, and Shanghai clusters, and how technology helps to shape and determine these interrelationships.

5.1 A Tale of Two Brain Drains: Detraction vs. Attraction

In earlier years, many of Taiwan's overseas scholars and specialists (OSSs) who went abroad in pursuit of advanced education, remained there to accept jobs in industry and academia upon the completion of their studies. This outflow of human resources, Taiwan's so-called brain drain, was motivated by a number of detractions commonly associated with living in Taiwan—including lower pay, poorer prospects for promotion and advancement, a lower quality of life, the potential for political and social unrest, and concerns about the education of children. As a result of these “detractive” influences, the number of OSSs that decided to take up permanent residence overseas regularly exceeded the number returning home to live and work.

More recently, however, there has been a sharp turnaround in this situation. Since the 1980s, the founding of HSIP and a significant rise in R&D budgets have greatly increased domestic demand for the services of OSSs, with pay and promotional opportunities improving commensurately. At the same time, political democratization and the assumption of office by Taiwan's first popularly elected president have done much to dispel concerns about future instability, while improvements in school administration and curricula have given Taiwan an educational system with a reputation for world-class quality. Owing to these and other “attractive” influences, the earlier brain drain has been reversed and the number of OSSs returning home to live and work has been increasing rapidly.

Exerting an even greater, albeit more-subtle, influence on the overseas scholars has been a growing desire to identify themselves with Taiwan—the fact that by returning home they will be able to spend more time with friends and relatives, and better contribute to the economic development of their homeland.

This attraction, a strong and growing sense of cultural identity, is often proving even more powerful than the lure of a high-paying job in one of the developed countries overseas.

The returning scholars have contributed to the ongoing development of Taiwan's economy in many important ways—by engaging directly in R&D efforts, helping to formulate new R&D strategy, participating in the selection and recruitment of other experts and scholars from overseas, helping to promote the spread of new managerial concepts in response to rapid technological change, and adding an invaluable multilingual capacity to R&D operations. These and other contributions by returning OSSs help explain why Taiwan has been able to achieve many new technological breakthroughs and continues to strengthen its global technological competitiveness, despite what is still only a modest level of R&D spending in comparison with that of some other countries.

5.2 Migration of Skilled Workers from Taiwan to China

Along with Taiwanese investment, the number of Taiwanese professionals working and living in China has grown rapidly in recent years. As a result, many families in Taiwan find themselves confronted with the decision of whether to relocate to China. Using a Probit model to analyze migration flows, this study identifies a number of factors that are crucial to arriving at such a decision.

Our study discovered a negative relationship between the presence of school-age children in the family and migration; that is, the greater the number of younger children a family had, the less likely that family was to move to the mainland as a unit. Spousal job quality and job security also exerted an important influence: spouses with high income, and attractive and secure working conditions tended to oppose uprooting the family and relocating to China. Education was another important consideration, with some families rejecting an opportunity to migrate because of fears about the quality of mainland schools and the ability of their children to adapt to a different lifestyle and system of values.

Previous exposure to life in mainland China was seen as having a favorable impact on migration: the longer one spouse had lived and worked in China, the more probable that the entire family would migrate there, all other things being equal. Finally, future expectations about life in China had much to do with the decision to migrate. Families that took a positive view and anticipated steady improvement in living conditions and the quality of life in China were more apt to migrate than those with a less-favorable or negative outlook.

5.3 The Contribution of Expatriate Workers

As is the case with most foreign enterprises in China, expatriate technical experts have been found to play a significant role in technology formation in Taiwanese enterprises operating in Shanghai. Empirical results from our study show that the parent companies of these enterprises are the major source of their technology, with the expatriate technicians themselves providing the second-most-important source.

Our findings indicate that expatriate workers make important contributions to the development of the Taiwanese firms in such key areas as manufacturing, management, R&D, human resource training, and technology exchange. Moreover, their knowledge of advanced production techniques and modern management is disseminated throughout the mainland work force, hastening the process of technology transfer, industrial upgrading, and the spread of technical know-how to other regions of China.

Our investigation reveals a negative correlation between scale of operation, length of firm history, and the intensity of local competition on the one hand, and the number of expatriate technicians employed on the other. At the same time, a strong positive relationship was found to exist between the technology intensity of an enterprise and the size of its expatriate technical staff.

Turning to R&D spending, our study detected a strong and positive

association between such spending and the quantity and quality of a firm's human resources, the scale of its operations, and the length of its operational history. Although human resources appear to be the most influential variable in this regard, there was also a significant and positive correlation between R&D expenditure and the size of the expatriate staff.

6. Conclusions and Recommendations

Effective competition appears to be an important precondition for the emergence of successful entrepreneurship. As our study shows, by encouraging spatial agglomeration and long-term relationships, industrial clusters enhance business competitiveness within regions and enable firms to compete more effectively on a global scale as well. According to Chen, Hu, and Liu (2003), industrial clusters foster competition and entrepreneurship by facilitating market entry, encouraging the formation of start-ups by new entrepreneurs and the diversification of existing product lines.

Data from the Hsinchu Science-Based Industrial Park confirm that firms within the HSIP cluster regularly resort to outsourcing, which enables them to access major markets and save on R&D costs through production specialization. As part of this study, we examined the HSIP experience and those of other major industrial clusters worldwide, in an attempt to determine whether a common mechanism exists for combining entrepreneurship, skilled labor, and market access into a winning formula for cluster formation. So far, however, the data have proved insufficient to produce conclusive findings.

In a departure from previous research, our study focuses on two cross-border linkages between industrial clusters: technological linkages and the migration of skilled labor. We have seen that firms can learn from other firms in global production networks, through which they collaborate in offering products to the global market. We discovered that although economic incentives provided an important catalyst for the "reverse brain drain" experienced by HSIP during

the 1980s and 1990s, social and psychological factors loomed even larger in decisions to migrate. Finally, returning scholars and expatriate workers were seen to pay handsome dividends to their employers in both the HSIP and Shanghai clusters, in the form of increased R&D productivity, technology transfer, and managerial efficiency.

The findings of this study lead us to propose three policy recommendations with regard to industrial cluster formation. First, support for new industrial ventures should emphasize emerging network linkages between firms rather than focus on individual companies. Second, if local production networks are to keep pace with new developments in the global organization of economic activity, they must employ the advantage of proximity to create new knowledge through business-network exchange. Lastly, in the era of globalized production, policies must be designed to leverage the foreign affiliates of MNCs in ways that promote the formation of industrial clusters with both local and cross-border linkages.

References

1. Angel, D. P. and J. Engstrom (1995), "Manufacturing Systems and Technology Change: The U.S. Personal Computer Industry," *Economic Geography*, **71**(1): 79-102.
2. Borrus M.D., D. Ernst, and S. Haggard (2000), *International Production Networks in Asia: Rivalry or Riches?* London and New York: Routledge.
3. Borrus, M.D. and Z. Borrus (1997), "Globalisation with Borders: The Rise of Wintelism and the Future of Global Competition," *Industry and Innovation*, **4**(2): 141-66.
4. Bresnahan, T., A. Gambardella, and A. Saxenian (2001), "Old Economy Inputs for New Economy Outcomes: Cluster Formation in the New Silicon Valleys," *Industrial and Corporate Change*, **10**(4): 835-60.
5. Chen, T. J., M.W. Hu, and M. C. Liu (2003), "Entrepreneurship and Industrial Clusters: A Case Study of Taiwan," Conference paper presented at Second Research Conference on Entrepreneurship in Latin America, October 26-28, 2003.
6. Chen, T. J. and Y. H. Ku (2000), "Offshore Sourcing Strategies of Multinational Firms in Taiwan," manuscripts, Department of Economics, Taipei: National Taiwan University.
7. Chen, S. H. and D. N. Liu (1999), "Strategic Alliances in the Context of Competition Policy," *Final Report to the Industrial Development Bureau*, Taipei: Chung-Hua Institution for Economic Research (in Chinese).
8. Cooke, P. (1998), "Introduction: Origins of the Concept," in H-J. Braczyk, P. Cooke, and M. Heidenreich (eds.), *Regional Innovation Systems*, London: University College of London Press.

9. Dunning, J. H. (1993), *Multinational Enterprises and the World Economy*, Wokingham: Addison-Wesley.
10. Feenstra, R. (1998), "Integration of Trade and Disintegration of Production in the Global Economy," *Journal of Economic Perspective*, (Fall), **12**(4): 31-5.
11. Glasmeier, A. (1991), "Technological Discontinuities and Flexible Production Networks: The Case of Switzerland and the World Watch Industry," *Research Policy*, **20**: 469-85.
12. Harrison, B. (1994), "Concentrated Economic Power and Silicon Valley," *Environment and Planning*, **26**: 307-28.
13. Hobday, M. (1995), "Innovation - Innovation in Services," SI4S Synthesis Paper, Oslo: STEP Group.
14. Kawakami, M. (1996), "Development of Small and Medium-Size Manufacturers in Taiwan's PC Industry," CIER Discussion Paper Series 9606, Taipei: Chung-Hua Institution for Economic Research.
15. Kotabe, M. (1996), "Global Sourcing Strategy in the Pacific: American and Japanese Multinational Companies," in G. Boyd (ed.) *Structural Competitiveness in the Pacific*, Cheltenham, UK: Edward Elgar.
16. Kraemer, K. L., J. Dedrick, C-Y. Hwang, T-C. Tu, and C. Yap (1996), "Entrepreneurship, Flexibility, and Policy Coordination: Taiwan's Computer Industry," *The Information Society*, **12**: 215-49.
17. Lawson, C. (1997), "Territorial Clustering and High-Technology Innovation: From Industrial Districts to Innovative Milieu," WP54, University of Cambridge, UK: ESRC Centre for Business Research.
18. Lundvall, B. A. (1998), "Innovation as an Interactive Process: From User-

- Producer Interaction to the National Systems of Innovation,” in G. Dosi (ed.) *Technological Change and Economic Theory*, London: Pinter.
19. Maskell, P. (2001), “Towards a Knowledge-based Theory of the Geographical Cluster,” *Industrial and Corporate Change*, **10**(4): 921-43.
 20. Nelson, R. and S. Winter (1982), *An Evolutionary Theory of Technology Change*, Cambridge MA: Belknap Press of Harvard University Press.
 21. Piore, M. and C. Sable (1984), *The Second Industrial Divide*, New York: Basic Books.
 22. Porter, M. (1998), “Clusters and the New Economics of Competition,” *Harvard Business Review*, (Nov.-Dec.): 77-90.
 23. Rowen, H. and M. Toyoda (2002), “Japan Has Few High-Tech Startups: Does It Matter? Can It Be Changed?” Working Paper, Hoover Institution, Stanford University.
 24. Saxenian, A. (1990), “Regional Networks and the Resurgence of Silicon Valley,” *California Management Review*, **33**: 89-112.
 25. Saxenian, A. (1994), *Regional Advantage, Culture, and Competition in Silicon Valley and Route 128*, Cambridge, MA: Harvard University Press.
 26. Schive, C. (2000), “Global Logistics: A New Way of Doing Business in Taiwan,” Paper presented at the Conference on Global Entrepreneurship for the New Millennium, (20-23 August), New York: Syracuse University.
 27. Swanamidass, P. and M. Kotabe (1993), “Component Sourcing Strategies of Multinationals: An Empirical Study of European and Japanese Multinationals,” *Journal of International Business Studies*, **24**(1): 81-100.
 28. Takeuchi, H. (2002), *Hamamatsu Kigyo Tsuyosa no Himitsu* (The Secret Strength of Hamamatsu Enterprises), Tokyo: Toyo Keizai Shinpo Sha.

29. Venkatesan, R. (1992), "Strategic Sourcing: To Make or Not to Make," *Harvard Business Review*, (Nov.-Dec.): 98-107.
30. Wallsten, S. (2001), "An Empirical Test of Geographic Knowledge Spillovers Using Geographic Information Systems and Firm-level Data," *Regional Science and Urban Economics*, **31**: 571-99.
31. Windrum, P. (1999), "The MERIT Report on Innovation Networks in E-commerce," Prepared for SEIN (Simulation Self-organising Innovative Network), Workpackage 4, EU TESR (Targeted Socio-economic Research) Programme.

■ EY Starts to Accept Free Port Applications

The Executive Yuan announced the implementation of the Regulations Governing Application for the Establishment of Free Ports on Sept. 19, symbolizing the start-up of free port establishment in Taiwan.

The Regulations, formulated in accordance with Article 9 of the Act for the Establishment and Management of Free Ports, lay down rules covering qualifications, conditions, application procedures, required documentation, and other matters concerning free port zones.

The Regulations divide the locations of free ports into:

1. An area which is situated within a controlled district of an international airport or an international seaport;
2. An area which is outside the controlled district of an international airport or an international seaport, but whose joining width with the land of a controlled district in an international airport or an international seaport is 30 meters or more;
3. A piece of land which is outside the controlled district of an international airport or an international seaport, and is being separated from a controlled district in an

- international airport or an international seaport by a road or a water-way in between, but is still suitable for the formation of a controlled area by an exclusive passageway;
4. A piece of land which is outside the controlled district of an international airport or an international seaport, but may be connected with a controlled district in an international airport or an international seaport by a dedicated road having a length of less than one kilo-meter; and
 5. Industrial zones, export processing zones, science-based industrial parks, and other areas which are outside the controlled areas of international airports or seaports, but where the comprehensive goods tracking system can be connected with the controlled district of international airports or international seaports by means of technological facilities.

For further details on the conditions and procedures for establishment of free ports, please visit this website:

http://www.cedi.cepd.gov.tw/document_info.php?fPath=13_108&documents_id=1037.

Deregulation Progress

- **Bring Financial and Services Regulation in Line with the International Community: President Chen**

On Aug. 29, President Chen Shui-bian proclaimed that the domestic financial and service industries would be given a boost through deregulation aimed at bringing them in line with international norms within the shortest possible time.

The president pointed out that the weighting of services in the nation's economy is a high 67% and that the ratio will continue to grow, meaning that services will be the locomotive of Taiwan's future economic growth. To further stimulate this growth, the related government agencies must carry out an overall loosening of regulatory restrictions within the shortest possible time by, for example, switching from positive to negative lists and revising regulations so that they conform to the norms of the international market. The key points of the president's discussion included the following:

1. There must be an overall relaxation of related laws and regulations such as the existing Company Law, Bankruptcy Law, and securities underwriting system so that Taiwan's service industry can become internationalized and multinational service enterprises can be attracted to participate actively in the island's services market.
2. The competent authorities should encourage companies and industry associations to work out training programs for high-

level personnel, and should relax restrictions on the importation of foreign personnel as well as regulations governing service industry manpower.

3. The opposition party caucuses in the legislature should support the passage of the revised the Statute for the Establishment and Management of the Financial Rehabilitation Fund (FRF) in order to establish a mechanism for the withdrawal of companies from the financial market and for the merging of unsound financial institutions, and thus quickly rebuild the vitality of the market.
4. There must be no slowing of the pace of financial privatization, and a strategy of merger before privatization should be considered if necessary in order to improve operating performance.
5. Preparatory work for the establishment of a financial oversight committee should be finished quickly, and innovative financial services should be welcomed and diversification encouraged along with a complete corporate governance system.

■ **Cross-straits Indirect Cargo Charter Flights Measures Under Way**

Responding to calls from Taiwanese businesses operating in mainland China, the Mainland Affairs Council has announced that Taiwan will unilaterally institute meas-

ures providing for indirect cargo charter flights across the Taiwan Straits from Sept. 25, 2003 to Sept. 24, 2004. The period of implementation will be extended if the results are satisfactory.

The Ministry of Transportation has also announced that more convenient cross-straits marine shipping procedures will also be announced soon. The key points of the Cross-straits Indirect Cargo Charter Flights Measures included the following:

1. Mode of charter flights

- (a) These would mainly consist of unilateral (flights by Taiwanese carriers) “programmed or scheduled charters” (meaning charter flights with some degree of regularity of dates and times).
- (b) They would secondarily include “unscheduled charters.”

2. Air traffic right and choice of flight points

- (a) The primary choices for flight points would be Taoyuan CKS International Airport and Kaohsiung Hsiaokang International Airport on Taiwan’s side and Shanghai’s Pudong and Hongqiao International Airports on the mainland side.
- (b) The charter flights would follow current air routes, stopping at Hong Kong or Macau en route to and from Shanghai, so that there would be no need to make any new

arrangements concerning air traffic rights, and no negotiations would be involved.

- (c) In the initial phase, “programmed or scheduled charters” would in principle be arranged on a single daily flight basis, with a total of about 360 flights per year, while unscheduled charters would be arranged according to specific shippers’ needs, but would not be allowed to exceed the number of “programmed or scheduled charters.”

3. Allocation of freight capacity

- (a) Estimated according to the cargo capacity of a daily flight by a 747 freighter, with each two-way flight able to carry a payload of 200 tons, the gross annual freight capacity of “programmed or scheduled charters” would amount to around 73,000 tons.
- (b) In the first phase, priority would be given to carrying goods imported and exported by Taiwanese businesses. Goods transported from Taiwan to the mainland would mainly be raw materials and components and parts needed by Taiwanese businesses; goods transported from the mainland to Taiwan would mainly be those to be transshipped to other areas and those to be re-exported after processing.

For further information on this policy in English, please check this website:

<http://www.mac.gov.tw/english/english/macnews/dl920910e.doc>.

■ **Transparency Requirements Increased for Banks**

The Ministry of Finance's Bureau of Monetary Affairs moved to reinforce the transparency of banking information by instituting new rules requiring banks to add the following items to be exposed on their websites effective Oct. 8: directors and supervisors, plus their areas of expertise and status of independence; directors' and supervisors' compensation; names of top-10 shareholders; major purchases and sales of assets; status of corporate governance; and newly introduced financial products. Some of these new rules will apply to local branches of foreign banks.

The new rules, dubbed the Regulations for Quarterly Announcement of Major Financial Business Information by Banks, constitute an administrative order issued under the provisions of Item 3, Article 21 of the Deposit Insurance Act. The original rules require banks to divulge this information on their websites: assets and liabilities, profit and loss, capital adequacy, asset quality, management information, profitability, and liquidity and market risk sensitivity, among other information. The rules also require the

posting of annual financial information within four months after the closing of business each year, of half-year financial information within two months after the closing of business each half-year, and of financial information for the quarter within one month after the closing of business at the end of the first and third quarters each year. This information has to be retained on the website for at least one year.

The BOMA points out that in view of the differences in operation between some foreign bank branches and domestic banks, foreign bank branches that do not take deposits and that have NT\$3 billion or more in assets may publish their balance sheets, profit and loss statements, and asset quality information in newspapers at their location on a quarterly basis. Other information may be given in the form of notes, and posted in a prominent location at each place of business for the reference of customers. For further information on these new rules, please go online and visit the website:

<http://www.boma.gov.tw/modules/newsba1/article.php?storyid=890>.

■ **Restrictions Loosened for Investment in Securitized Financial Assets by Insurance Firms**

On Sept. 3 the Department of Insurance, Ministry of Finance announced the opening of investment by insurance companies in unrated beneficial certificates and asset-backed securities issued under the Financial Assets Securitization Law, or such instruments whose credit rating does not reach the standard level; the total original procurement cost, however, may not exceed 1% of an insurance company's funds. This liberalization will allow insurance firms to use their funds more flexibly, resulting in an estimated NT\$40 billion in investment in this new area.

The Department of Insurance indicates that it is now making plans for the opening of investment by insurance companies in instruments issued under the Statute for Securitization of Real Estate in order to help insurers improve their investment performance. The Department has already carried out internal studies of how insurance companies can participate in such investment, and rules for participation by insurance firms in real estate investment trust and asset trust beneficial certificates will be worked out once the subsidiary laws for the Statute are passed. For further information, visit the website at <http://www.mof.gov.tw/content.asp?CuItem=13028&baseDSD=5&CtUnit=11>.

■ **Domestic Banks Allowed to Use Futures Transactions for Hedging**

The Ministry of Finance announced on Aug. 27 that domestic banks will be allowed to engage in futures transactions in order to hedge risk. This measure is expected to heighten the ratio of institutional participation in the futures market and increase the flexibility of funds utilization by domestic banks. The amount of resulting investment in futures is estimated at NT\$200 billion.

The Ministry indicates that such transactions by banks will be limited to those that fill the need to hedge risk arising from securities held. Banks, in the status of futures dealers, will be able to commission futures brokers to carry out the transactions on condition that they involve instruments approved by the Securities and Futures Commission for trading on the Taiwan Futures Exchange. Futures transactions that involve foreign financial products should be first reported to the Ministry of Finance for approval. For further related information, please visit this website:

<http://www.boma.gov.tw/modules/newsba1/article.php?storyid=923>.

■ **New Regulations Allow Rapid Immigration Clearance for Foreign Businessmen**

The Ministry of the Interior has an-

nounced provisions for rapid immigration clearance at international airports for foreign frequent businesspeople entering Taiwan. The Operational Regulations Governing Speedy Immigration Inspection and Clearance of Foreign Businesspeople, announced on Sept. 15, stipulate that foreign businesspeople who meet the regulations, are recommended by the relevant chamber of commerce in Taiwan, pass screening by the Ministry of Economic Affairs, and are then placed on the list of approved names on the Bureau of Immigration website (www.immigration.gov.tw), will be given access to rapid clearance at designated immigration counters when they enter the island. For further details in Chinese and English, visit the website at

http://www.immigration.gov.tw/cgi-bin/news_down1.asp?file=920912.txt.

■ Tax Rebates Now Available to Foreign Tourists

Effective Oct. 1, foreign tourists who purchase NT\$3,000 or more worth of goods on the same day and at the same designated store in Taiwan will be able to apply for a rebate on the 5% value-added tax.

According to rules announced by the Taxation Agency of the Ministry of Finance, travelers who enter the island using non-ROC passports, travel passes, or entry and exit permits, or who enter using pass-

ports on which national ID card numbers are not stamped, and who make their purchases at stores posting the “TRS” (Tax Refund Shopping) label, will be able to apply for a rebate at the airport or seaport customs office upon taking the purchased goods out of the country within 30 days of purchase.

The MOF reports that the new tax-rebate rules were worked out in reference to similar schemes implemented in Japan, Australia, and France. The rebates are limited to purchases of items of everyday use that can be taken out of the country along with the traveler. The rebate will not be available for items which cannot be taken aboard aircraft or ships with the traveler because of safety considerations, or which have been wholly or partially consumed in Taiwan. For further details, visit this website:

<http://www.mof.gov.tw/content.asp?CuItem=12918&baseDSD=5&CtUnit=11>.

■ Draft Guidelines Completed for Prior Tax Interpretation

The Taxation Agency of the Ministry of Finance has completed the formulation of a draft Guidelines for Prior Tax Interpretation designed to reduce unexpected tax risk for foreign investors. The Guidelines are expected to be implemented by the end of the year.

The Agency notes that “prior tax inter-

pretation” primarily involves the interpretation, by the MOF, of various kinds of tax burdens for foreign companies intending to invest in Taiwan. Such interpretation will enable the intended investors to estimate the tax costs entailed by their investment, and thus reduce uncertainties for them.

According to the draft, companies that come within the scope of the Guidelines will be able to apply to the MOF for prior interpretation of the applicability of the tax law to individual transactions that are to be undertaken within one year. The effect of such interpretations will be the same as formal interpretations made by the MOF.

The draft Guidelines stipulate that application for prior interpretation may be made for international tax cases that involve international transactions or investment and conform to one of the following: (1) cases in which the amount of investment, not including land, is NT\$200 million or more, or in which the initial transaction amounts to at least NT\$50 million, or (2) cases which have a major economic effect for Taiwan. Applications for prior interpretation will be accepted by the MOF, which will set up a prior-interpretation committee to screen the applications. Processing time will be three to six months. The draft also stipulates situations for which prior interpretation will not

apply, including hypothetical transactions and transactions which will not take place within a year.

Industry Updates

■ Intel and Phoenix Technologies Announce Taiwan R&D Centers

Following the announcement of plans to set up R&D centers in Taiwan by Hewlett Packard and others (see issue 31 of this publication), Intel and Phoenix Technologies, both of the United States, have announced that they will follow suit. In consideration of the island’s strong computer and communication product development capability, Intel has decided to set up a communication chip R&D center on Taiwan—the company’s first such outside the United States. The center will initially employ 25 engineers and gradually increase the number to as many as 60.

Phoenix Technologies, which is one of the leading BIOS (Basic Input and Output System) developers globally, will set up the world’s biggest CSS (Core System Software) development center on the island. The company will train BIOS development professionals on the island; the new center will initially employ 100 engineers, and will boost the number to 200 within one year.

Under the Economic Ministry’s plan for attracting foreign companies to set up

R&D centers in Taiwan, foreign firms establishing such facilities on the island are offered a variety of incentives including tax offsets for R&D expenditures, investment tax credits for shareholders or a five-year tax holiday, provision of trained personnel from the national defense manpower pool, help with bringing in technical personnel from foreign countries and mainland China, and operating fund subsidies. For further details, please go online and visit <http://doit.moea.gov.tw> or call 886-2-2341-2314, ext. 218~220.

■ **Taiwan Signs Free Trade Agreement with Panama**

Taiwan signed a free trade agreement with Panama on Aug. 21, opening up a new era for multilateral cooperation between the island and Central America.

The agreement, which encompasses trade and investment liberalization, trade facilitation, and economic and technical cooperation, was signed by ROC President Chen Shui-bian and Panamanian President Mireya Moscoso. The two sides agreed to open up shipping, finance, telecommunications, and other major industries, as well as to strengthen corporate exchange, industrial and technical cooperation, cooperation in bilateral trade talks, tourism, and technical training. For related reports, please visit this website:

<http://publish.gio.gov.tw/newsc/newsc/920827/92082705.html>.

■ **Standard & Poor's Raises Taiwan Bank Rating from Negative to Stable**

In Standard & Poor's most recent assessment of the outlook for banks in the Greater China area, announced on Sept. 3, the outlook for Taiwan banks, which have performed poorly for several years, is raised from negative to stable.

The S&P report notes that the "Taiwan banking sector has made notable progress in resolving its high non-performing loan level, strengthening its low loan-loss provision coverage, and improving its credit risk controls." In addition, the report continues, "The regulators are tightening up non-performing loan definitions to bring them closer to international norms."

■ **BERI Ranks Taiwan's Investment Environment 4th in the World, 2nd in Asia**

In its investment risk assessment report for August 2003, Business Environment Risk Intelligence (BERI) of Switzerland gives Taiwan an overall score of 72 in Profit Opportunity Recommendation, sharing fourth place with Japan among the 50 countries covered in the survey. Only Switzerland, Singapore, and Holland ranked higher.

In the report, BERI gives Taiwan its

highest 1A investment environment assessment rating, meaning that the island is suitable for investment. BERI feels that Taiwan's operating conditions are stable; the island's gross national product (GNP) was down 0.6% compared with the fourth quarter of 2002, but compared with the same period of last year it registered an increase of 3.2%. The outbreak of SARS (severe acute respiratory syndrome) had a substantial impact on Taiwan's real GNP, consumption behavior, and other economic activities in the first half of the year, leading to performance that was worse than expected. BERI also feels that Taiwan's ongoing dialogue with mainland

China lessens the potential for war, and that the volume of trade across the Taiwan Straits will expand even more once direct transportation is instituted between the two sides. BERI predicts that Taiwan's economy will show substantial recovery in 2004; this will boost its overall investment environment score by one point, to 73, maintaining the island's fourth-place world ranking. The five-year forecast (to 2008) predicts an improved investment environment and a two-point rise in the overall rating, to 74. This still leaves Taiwan in fourth place. For more information, please go online and visit <http://210.69.121.61/user/news/detail.asp?id=6078>.

2003/2008 Global Investment Environment Ranking

Country	Operating Risk Index (ORI)		Political Risk Index (PRI)		Remittance and Repatriation Factor (R Factor)		Overall Ranking	
	2003	2008	2003	2008	2003	2008	2003	2008
Switzerland	1	1	1	1	2	1	1	1
Singapore	2	2	2	2	4	5	2	2
Holland	4	5	6	5	5	3	3	3
Japan	15	14	15	11	1	1	4	5
Taiwan	4	3	12	11	3	3	4	4
Norway	7	8	4	4	7	7	6	5
Germany	9	5	10	10	6	6	7	7
Austria	6	8	3	3	14	14	8	9
Belgium	2	7	19	17	8	9	9	10
United States	7	3	9	8	14	8	10	8

Source: BERI.

■ 行政院公布「自由貿易港區申請設置辦法」

行政院於9月19日正式公布「自由貿易港區申請設置辦法」，象徵自由貿易港區申設作業將正式起跑。

該項辦法是依據「自由貿易港區設置管理條例」第9條授權，規範申請自由貿易港區之資格、條件、申請程序、應檢附之書件證明及其他應遵行事項。辦法規定，申請設置自由港區之土地區位條件可分為：

1. 位於國際航空站、國際港口管制區域（以下簡稱海空港管制區）內者；
2. 位於海空港管制區外，且與海空港管制區相連接寬度達30公尺以上者；
3. 位於海空港管制區外，因道路或水路穿越而與海空港管制區分隔，得以專屬通道連接，並與海空港管制區結合形成整體管制區域者；
4. 位於海空港管制區外，與海空港管制區間得闢設長度1公里以內之專屬道路，且該專屬道路無其他聯外出口者；以及
5. 位於海空港管制區外，與海空港管制區間，能運用科技設施進行周延之貨況追蹤之工業區、加工出口區、科學工業園區或其他區域者。

申設自由貿易港區者應檢具文件則包括申請書、可行性規劃報告、營運計畫書、投資財務計畫、位置圖、地籍圖、土地登記簿謄本、土地清冊、土地使用分區及編定類別證明等1式5份向受理機關提出申請。查詢有關申設成為自由貿易港區與港區事業設立之應備要件及程序，請上網：

http://www.cedi.cepd.gov.tw/document_info.php?fPath=13_108&documents_id=1037。

開放措施

■ 陳總統：鬆綁金融、服務業法令接軌國際

陳總統水扁於8月29日宣示，將在最短的時間內，透過鬆綁法規接軌國際等方式，推動服務業及金融服務業在台灣發展。

陳總統指出，服務業占我國經濟的比重已經高達67%，並將持續成長，成為我國未來經濟再成長的新動力。為促進服務業的發展與繁榮，相關政府機關的法令必須全面鬆綁。應該在最短期限內將原有正面表列的管制條文，修正為以負面表列為原則的開放性規範，並修訂各種法令規章應與國際市場接軌。陳總統談話重點還包括：

1. 相關政府機關法令必須全面鬆綁，例如現行「公司法」、「破產法」與證券承銷制度等

法令均應儘速修訂，才能讓我國的服務業勇於走向國際，同時吸引跨國服務業積極參與我國的服務業市場。

2. 主管機關應積極鼓勵業者與各產業公會擬定高階人才培養計畫，並放寬引進國外人才的限制、鬆綁服務業勞動法規。
3. 呼籲立法院在野黨團儘速支持通過「行政院金融重建基金設置及管理條例」修法，以建立金融市場的退場機制、整併營運不善的金融機構，從而快速重建金融市場的活力。
4. 金融業民營化的腳步不能停頓，必要時也應積極考慮先合併再民營化的策略，以改善營運績效。
5. 加速完成金融監理委員會的籌備工作，歡迎創新、鼓勵多樣化的金融服務，以及完善公司治理制度。

■ 兩岸「間接貨運包機」措施啟動

因應位於中國大陸的台商需求，行政院大陸委員會宣布，自92年9月25日起至93年9月24日止，實施「間接貨運包機」措施。實施屆滿得視實際執行情形再予延長。交通部透露將在近期內公布海運便捷化措施，預期將進一步有助兩岸互動。

「間接貨運包機」措施重點包括：

1. 包機方式

(1) 以單向（由我方業者飛航）、「計畫包機」（係指具某種程度規則性日期及時間之包機）為主體。

(2) 以「不定期包機」為輔助。

2. 航權及航點選擇

(1) 以桃園中正、高雄小港機場至上海浦東或虹橋機場為優先選擇航點。

(2) 依現行航路，中停港、澳往返上海，航權不需另作安排，不涉及談判。

(3) 「計畫包機」初期以每天1班為原則，1年約360班次；「不定期包機」依特定貨主需求，但班次不得超過「計畫包機」。

3. 運量分配

(1) 總運量以每天1班747全貨機估計，每航次往返可載重200噸，則「計畫包機」1年運量約73,000噸。

(2) 初期載運貨物以台商之進出口貨物為優先；自台灣運至大陸之貨物以台商所需原物料及零組件為主；自大陸運抵台灣之貨物以轉運至其他地區及加工後再出口的貨物為主。

查詢該政策中、英說明請上網：

<http://www.mac.gov.tw/big5/cnews/dl920910.htm?OpenDocument>。

■ 強化透明度，銀行資訊揭露項目增加

為強化銀行資訊透明度，財政部金融局於10月8日起實施新規定，要求銀行於網站所揭露項目，新增董事、監察人及所具專業知識及獨立性情形；董事、監察人酬勞；持有銀行股份依股數排序前10名股東之姓名；重大資產買賣處分情形；公司治理運作情形；以及新推出金融商品相關資訊等。這項規定部分適用於外國銀行在台分行。

這項名為「銀行應按季公布重要財務業務資訊規定」的新修正案，是金融局依據「存款保險條例」第21條第3項規定所訂頒的行政命令。該項規定原要求銀行應自行於其網站上公布的資訊包括：資產負債資訊、損益表、資本適足性、資產品質、管理資訊、獲利能力、流動性及市場風險敏感性等重要財務業務資訊，並於每營業年度終了後4個月內公布年度財務業務資訊，每半營業年度終了後2個月內公布半年度財務業務資訊，每營業年度第1季及第3季終了後1個月內公布各該季財務業務資訊，網站上公布之上述資訊至少於網站上保留1年。

金融局指出，考量部分國外銀行在台分行與本國銀行營運的差異性，對於未收受存款的外商銀行，資產規模在新台幣30億元以上，可將資產負債表、損益表、資產品質等資料按季在所在地的日報公告，其他財務業務資訊可以附註方式說明，並備置在每一營業處所顯著位

置供客戶查詢即可。查詢該項規定請上網：
<http://www.boma.gov.tw/modules/newsba1/article.php?storyid=890>。

■ 保險業投資金融資產證券商品限制放寬

財政部保險司於9月3日公告，開放保險業投資無信用評等，或信用未達評等標準之依「金融資產證券化條例」發行之受益證券及資產基礎證券，惟其原始取得成本總額，不得超過該保險業資金之1%。這項開放措施將有助保險業活化資金運用彈性，估計可投入資金可高達新台幣400億元。

保險司透露，正積極規劃開放保險業投資依「不動產證券化條例」發行之商品，以協助保險業者增進投資績效。保險司內部已對於「不動產證券化條例」通過後，保險業如何參與問題進行研究，待「不動產證券化條例」相關子法確定後，將就保險業參與不動產投資信託及資產信託受益證券，再訂定投資相關規範。查詢相關內容請上網：

<http://www.mof.gov.tw/content.asp?CuItem=13028&baseDSD=5&CtUnit=11>。

■ 財政部開放國內銀行從事期貨交易避險

財政部於8月27日宣布，開放國內銀行得以期貨交易人身份從事期貨交易以進行避險。這

項開放措施預期可以提高法人參與期貨市場比重，及增加國內銀行運用資金彈性。估計國內銀行可投資期貨額度約達新台幣2,000億元。

財政部表示，銀行從事期貨交易，應以因持有有價證券而產生避險需求之交易為限。銀行以期貨交易人身分，委託期貨商或期貨交易輔助人方式從事有價證券現貨之避險交易標的，應以經財政部證券暨期貨管理委員會核准得於臺灣期貨交易所交易之各項商品為原則。從事以國外金融商品為標的之金融期貨交易，應事先報經財政部核准。查詢相關資訊請上網：<http://www.boma.gov.tw/modules/newsba1/article.php?storyid=923>。

■ 「外籍商務人士快速查驗通關作業要點」公布實施

為便利經國際機場入出國境之外籍商務人士能快速通關，內政部於9月15日發布實施「外籍商務人士快速查驗通關作業要點」，明定合於規定之外籍商務人士，經其在我國所屬商會之推薦，並經經濟部審查，由內政部將核准名單登載於內政部警政署入出境管理局（以下簡稱境管局）網站（www.immigration.gov.tw）者，得經指定之查驗台快速通關入出國境。查詢該作業要點中、英文說明請上網：

http://www.immigration.gov.tw/cgi-bin/news_down1.asp?file=920912.txt。

■ 外籍旅客購物退稅10月1日開辦

為促進觀光業發展，財政部賦稅署宣布，從10月1日起，外國觀光客來台購物滿新台幣3,000元起，就能退回5%的營業稅。

依據財政部所公布「外籍旅客購買特定貨物申請退還營業稅實施辦法」規定，凡持非中華民國之護照、旅行證、入出境證或未加註國民身分證統一編號護照入境之旅客，於同一天向同一貼有銷售特定貨物退稅（Tax Refund Shopping, TRS）標誌商店購買特定貨物，其含稅總金額達新臺幣3,000元以上，並將該特定貨物在30天內攜帶出境者，即可於出境時向機場或港口之海關申請退還該筆特定貨物之營業稅。

財政部表示，可退還營業稅的貨物，參考日本、澳洲及法國的做法後，限定供日常生活使用，且可隨旅行攜帶出境的應稅貨物，才可以退稅。而因安全考量不得帶上飛機或船舶的隨行貨物，或在中華民國境內已全部、部分消耗完畢的商業貨物，則不在退稅範圍內。查詢相關資訊請上網：

<http://www.mof.gov.tw/content.asp?CuItem=12918&baseDSD=5&CtUnit=11>。

■ 「稅務預先核釋作業要點」 (草案) 出爐

為降低外資在台投資所可能產生的意外稅負風險，財政部賦稅署已完成草擬「稅務預先核釋作業要點」(草案)，刻正進行協調作業中，預計在今年底前發布施行。

賦稅署指出，所謂事前解釋機制主要是針對外資有意投資的項目，所牽涉的各種稅負，要求財政部預先做成解釋令，方便外資預估在我國投資的租稅成本，降低投資的不確定因素。

根據草案內容，合於要點規範之納稅義務人或代理人，可就1年內即將採行之個別交易於稅法上之適用，申請財政部進行核示或解釋。依預先核釋程序作成之決定，其效力將等同財政部解釋函令。

草案明定，預先核釋之申請，以跨國交易或投資之國際租稅案件，並符合下列條件之一者為限：(1)投資金額不含土地達新台幣2億元以上，或首次交易金額達新台幣5,000萬元以上；(2)對我國具有重大經濟效益。財政部為申請案件的受理窗口，並將成立預先核釋委員會審查。經初步評估，審理時間快則3個月內可以完成，最長不超過半年。草案也明定不予預先核釋的情形，其中包括屬於假設性交易，或非於1年內即將採行之交易等。

業者動態

■ 英特爾、鳳凰科技宣布在台設立研發中心

繼美國惠普公司等多家跨國企業在台設立研發中心之後(詳本刊第31期報導)，美商英特爾公司及美商鳳凰科技公司宣布決定跟進。英特爾看好台灣強大的電腦通訊產品研發製造實力，由該公司總裁貝瑞特於日前訪台時宣布，決定在台灣成立通訊晶片研發中心。這也是英特爾首座在海外所成立的通訊晶片研發中心。該中心初期將僱用25名工程師，人數逐步增加為50-60名。

全球最主要基本輸入輸出系統(BIOS)研發業者之一的美商鳳凰科技公司則宣布，在台成立全球最大核心系統軟體研發中心，預計將培養台灣BIOS研發專業人才。該中心初期將僱用100名工程師，並在1年半擴增為200人。

根據經濟部推動「國外企業來台設立研發中心」計畫，國外企業來台設立研發中心可享多項優惠，包括：於一定比例內之研究發展經費支出，可抵減當年度營利事業所得稅；適用新興重要策略性產業，得辦理股東投資抵減或5年免稅；提供國防工業訓練人員；協助引進海外/中國大陸產業科技人才；以及部分營運資金補助等。查詢相關資訊請上網：

<http://doit.moea.gov.tw>。或電(02)2341-2314分機218~220。

■ 「台巴自由貿易協定」正式簽定

台灣與巴拿馬於8月21日正式簽署「台巴自由貿易協定」，開啟台灣與中美洲多邊合作關係新紀元。

這份由陳水扁總統與巴拿馬莫絲柯索總統共同簽署的協定，範圍涵蓋貿易投資自由化、貿易便捷化、及經濟與技術合作3個領域。雙方同意開放運輸、金融及電信等重要服務業，並將加強企業交流、產業及技術合作、雙邊貿易談判合作、觀光業、技術培訓等。查詢相關報導請上網：

<http://publish.gio.gov.tw/newsc/newsc/920827/92082705.html>。

■ 標準普爾：台灣銀行信評由負轉穩

根據標準普爾於9月3日公布大中國地區銀行信評展望，連續數年表現不佳的台灣銀行體系信用評等展望由「負向」調整為「穩定」。

S&P代表指出，台灣銀行業信評展望獲得調整的主要原因，在於業者積極降低不良放款水準，提高放款提存準備率，以及強化信用風險控管的努力。此外，台灣金融主管機關採用較嚴格的逾期放款定義，並提高放款提存準備率，也使得台灣銀行業整體風險管理獲得改善。

統計資料

■ BERI: 台灣投資環境評比全球第4，亞洲第2

瑞士商業環境風險評估公司於8月份公布「投資風險評估報告」指出，在全球50個國家中，台灣投資環境評比總分72分，與日本同列第4名，僅次於瑞士、新加坡、荷蘭，為亞洲地區第2名。

BERI將台灣的投資環境評等續列為最高的1A等級，屬於低風險國家，適合進行投資。該機構認為台灣營運狀況維持穩定狀態，國民生產毛額雖較去(2002)年第4季下挫0.6%，但相較於去年同期仍略有提升3.2%。92年上半年爆發嚴重急性呼吸道症候群(SARS)，其對台灣上半年之實質國民生產毛額、消費行為等經濟表現有相當影響，以致表現不如預期。該機構並認為台灣因持續與中共保持對話，降低發生戰爭之可能性，而未來兩岸通航後，預料雙方貿易量將更加擴大，該機構認為台灣經濟在2004年將有顯著復甦，屆時台灣投資環境評比總分將上升1分為73分，排名全球第4名。預測5年後(2008年)投資環境將更加改善，總分上升2分成為74分，排名全球第4名。查閱更多資料請上網：<http://210.69.121.61/user/news/detail.asp?id=6078>。

2003/2008年全球投資環境評比排名

國別/排名	營運風險		政治風險		匯兌風險		總排名	
	2003	2008	2003	2008	2003	2008	2003	2008
瑞士	1	1	1	1	2	1	1	1
新加坡	2	2	2	2	4	5	2	2
荷蘭	4	5	6	5	5	3	3	3
日本	15	14	15	11	1	1	4	5
台灣	4	3	12	11	3	3	4	4
挪威	7	8	4	4	7	7	6	5
德國	9	5	10	10	6	6	7	7
奧地利	6	8	3	3	14	14	8	9
比利時	2	7	19	17	8	9	9	10
美國	7	3	9	8	14	8	10	8

資料來源: BERI。

台灣經濟統計

TAIWAN ECONOMIC STATISTICS

說 明

Explanatory Notes

1. 本月刊各項統計係行政院經濟建設委員會綜合計劃處根據各政府機關統計報告彙編，國外資料則採自聯合國及其相關機構之統計資料。
 2. 各項統計係依照時間先後排列。
 3. 統計表中有關工業之分類，在可能範圍內，採用國際標準分類法。
 4. 各表數字如有訂正時，除重大變動於各該表附註說明外，另於修正數字前加*符號以資識別。
 5. 各表所用之符號及單位簡寫，以及統計表所用各種度量衡（採用公制）換算表，分別見本期最後兩頁。
1. The statistics appearing in this monthly publication are compiled from statistical reports of government agencies by the Overall Planning Department of the Council for Economic Planning and Development, Republic of China. Data of foreign countries are taken from publications of the United Nations and its related agencies.
 2. The statistics are presented in the form of time series.
 3. Whenever possible, industries are classified according to the international standard classification.
 4. All revised figures are marked with an asterisk(*). For significant revisions, an explanatory footnote is provided.
 5. A list of symbols and abbreviations, and a table of equivalent units (the metric system of measurement is used) are presented on the last two pages.

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- A.1 國內生產毛額之支出
Expenditures on Gross Domestic Product
- A.2 實質國內生產毛額之支出
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- A.3 國民生產毛額
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- A.4 國民所得與每人國民所得
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B. 國際資料 International Statistics

- B.1 各國國民生產毛額及每人國民生產毛額
Gross National Product and Per Capita GNP in Selected Countries
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External Trade in Selected Countries

1. 台 灣 重 要 Major Indicators of

時 期 PERIOD	人 口(期底數) Population (end of period)		就 業 增加率 (%) Increase Rate of Employ- ment(%)	失 業 率 (%) Unemploy- ment Rate (%)	製 造 業 平 均 薪 資 增 加 率 Increase Rate of Average Earnings in Manufac- turing	經 濟 成 長 率 (%) Economic Growth Rate (%) (1)	國 民 生 產 毛 額 (按 當 年 價 格 計 算, 百 萬 美 元) GNP(at current prices, US\$ million)	每 人 國 民 生 產 毛 額 (當 年 幣 值, 折 合 美 元) Per Capita GNP (at current prices, US\$)
	人 數 (千 人) Number (1,000 persons)	與 上 年 比 較 % % change from previous year						
1989	20,107	1.0	1.9	1.6	14.4	8.2	152,565	7,626
1990	20,353	1.2	0.3	1.7	13.3	5.4	164,076	8,111
1991	20,557	1.0	1.9	1.5	11.0	7.6	183,736	8,982
1992	20,752	1.0	2.3	1.5	10.3	7.5	217,004	10,502
1993	20,944	0.9	1.3	1.5	7.0	7.0	228,578	10,964
1994	21,126	0.9	2.2	1.6	6.7	7.1	248,337	11,806
1995	21,304	0.8	1.2	1.8	5.7	6.4	269,125	12,686
1996	21,471	0.8	0.3	2.6	4.2	6.1	283,599	13,260
1997	21,683	1.0	1.2	2.7	4.6	6.7	293,289	13,592
1998	21,871	0.9	1.2	2.7	2.8	4.6	269,176	12,360
1999	22,034	0.7	1.0	2.9	3.4	5.4	290,544	13,235
2000	22,216	0.8	1.1	3.0	2.9	5.9	313,908	14,188
2001	22,340	0.6	-1.1	4.6	-1.3	-2.2	286,840	12,876
2002	22,453	0.5	0.8	5.2	-0.2	3.6	289,272	12,916
2001 Oct.	22,316	0.6	-1.7	5.3	-1.1			
Nov.	22,328	0.6	-1.6	5.3	-0.9	-1.6	71,972	3,223
Dec.	22,340	0.6	-1.3	5.2	-4.6			
2002 Jan.	22,348	0.5	-0.4	5.1	-26.4			
Feb.	22,355	0.5	0.3	5.1	41.2	0.9	72,024	3,222
Mar.	22,363	0.5	0.4	5.2	0.6			
Apr.	22,373	0.5	1.0	5.0	1.6			
May	22,382	0.5	1.2	5.0	2.6	3.7	68,980	3,082
June	22,390	0.5	1.0	5.1	2.6			
July	22,400	0.5	1.1	5.2	2.4			
Aug.	22,408	0.5	1.0	5.4	0.3	5.2	74,355	3,318
Sept.	22,417	0.5	0.9	5.3	0.2			
Oct.	22,429	0.5	1.0	5.3	0.8			
Nov.	22,440	0.5	0.9	5.2	1.2	4.5	73,913	3,294
Dec.	22,453	0.5	0.9	5.0	2.5			
2003 Jan.	22,461	0.5	0.8	5.0	31.0			
Feb.	22,466	0.5	0.9	5.2	-26.3	3.5	74,725	3,327
Mar.	22,472	0.5	1.0	5.1	1.3			
Apr.	22,477	0.5	1.0	4.9	0.3			
May	22,481	0.4	0.8	5.0	2.0	-0.1	67,952	3,023
June	22,486	0.4	0.9	5.1	-1.2			
July	22,493	0.4	1.3	5.2	...			
Aug. (3)	22,498	0.4	...	...	...
Sept. (3)	...	...	...	...	...

(1) Real growth rate of GDP.

(2) Monthly and quarterly changes are computed by comparison with figures in the corresponding periods of the previous year.

(3) Estimate.

經 濟 指 標

Taiwan Economy

工業生產 Industrial Production		產業結構(占GDP%) Structure of Industry (as % of GDP)					消費者物價 Consumer Prices		時 期 PERIOD	
總指數 General Index 民國85年 =100 1996=100	與上年 比較% % change from previous year	合計 Total	農 業 Agri- culture	工 業 Industry	製 造 業 Manu- facturing	服 務 業 Services	總指數 General Index 民國90年 =100 2001=100	與上年 比較% %change from previous year		
75.6	3.8	100.0	4.9	42.3	34.6	52.8	74.5	4.4	民國	78年
75.4	-0.2	100.0	4.2	41.2	33.3	54.6	77.5	4.1		79年
81.0	7.4	100.0	3.8	41.1	33.3	55.1	80.3	3.6		80年
84.5	4.4	100.0	3.6	40.1	31.8	56.3	83.9	4.5		81年
87.8	3.9	100.0	3.6	39.4	30.6	57.0	86.4	2.9		82年
93.6	6.6	100.0	3.5	37.7	29.0	58.8	89.9	4.1		83年
98.0	4.7	100.0	3.5	36.4	27.9	60.2	93.2	3.7		84年
100.0	2.0	100.0	3.2	35.7	27.9	61.1	96.1	3.1		85年
107.4	7.4	100.0	2.6	35.3	27.8	62.1	97.0	0.9		86年
110.3	2.6	100.0	2.5	34.6	27.4	63.0	98.6	1.7		87年
118.8	7.7	100.0	2.6	33.2	26.6	64.3	98.8	0.2		88年
127.5	7.4	100.0	2.1	32.4	26.4	65.5	100.0	1.3		89年
118.2	-7.3	100.0	2.0	31.1	25.6	67.0	100.0	-0.01		90年
125.7	6.4	100.0	1.9	31.1	25.9	67.1	99.8	-0.2		91年
123.7	-7.1						102.0	1.0	90年	10月
120.9	-6.7	100.0	2.1	32.0	26.8	66.0	100.8	-1.1		11月
118.1	-6.1						99.0	-1.7		12月
118.3	11.8						99.4	-1.7	91年	1月
99.0	-12.7	100.0	1.7	29.9	24.9	68.4	100.6	1.4		2月
128.3	0.3						99.0	0.0		3月
127.3	7.5						100.0	0.2		4月
134.0	9.3	100.0	2.1	30.5	25.3	67.3	99.5	-0.3		5月
125.3	7.0						99.8	0.1		6月
128.6	10.7						99.8	0.4		7月
128.7	5.8	100.0	1.8	32.0	26.4	66.3	99.8	-0.3		8月
125.8	11.8						99.7	-0.8		9月
132.1	6.8						100.2	-1.7		10月
130.1	7.6	100.0	1.8	31.8	26.8	66.4	100.2	-0.6		11月
131.3	11.2						99.8	0.8		12月
128.4	8.5						100.5	1.1	92年	1月
108.1	9.2	100.0	1.7	29.7	25.0	68.6	99.1	-1.5		2月
130.6	1.8						98.8	-0.2		3月
127.2	-0.1						99.9	-0.1		4月
129.4	-3.4	100.0	1.7	29.6	24.6	68.7	99.8	0.3		5月
128.3	2.3						99.2	-0.6		6月
137.3	6.8						98.8	-1.0		7月
135.6	5.3						99.2	-0.6		8月
...	...						99.5	-0.2		9月

(1)實質GDP成長率。

(2)月或季變動率係與上年同期增減百分比(%)。

(3)估計數。

1. 台 灣 重 要 Major Indicators of

時 期 PERIOD	躉售物價 Wholesale Prices		儲蓄與投資 Savings and Investment						貨幣供給額 Money Supply	
	總指數 General Index 民國90年 =100 2001=100	與上年 比較 % % change from previous year	儲蓄毛額 Gross Savings		投資毛額 Gross Investment		超額儲蓄 Excess Savings		金額 (新台幣 10億元) amount (NT\$ billion)	與上年 比較 % % change from previous year
			金額 (新台幣 百萬元) amount (NT\$ mill.)	占 GNP% as % of GNP	金額 (新台幣 百萬元) amount (NT\$ mill.)	占 GNP% as % of GNP	金額 (新台幣 百萬元) amount (NT\$ mill.)	占 GNP% as % of GNP		
1989	97.6	-0.4	1,253,045	31.1	923,423	22.9	329,622	8.2	2,062.8	6.0
1990	97.0	-0.6	1,293,941	29.3	994,119	22.5	299,822	6.8	1,925.6	-6.6
1991	97.1	0.2	1,448,830	29.4	1,120,419	22.7	328,411	6.7	2,158.4	12.1
1992	93.6	-3.7	1,582,593	29.0	1,362,411	25.0	220,182	4.0	2,425.8	12.4
1993	95.9	2.5	1,737,603	28.8	1,549,608	25.7	187,995	3.1	2,797.1	15.3
1994	98.0	2.2	1,815,018	27.6	1,640,619	25.0	174,399	2.7	3,139.3	12.2
1995	105.2	7.4	1,927,812	27.0	1,777,496	24.9	150,316	2.1	3,163.1	0.8
1996	104.2	-1.0	2,081,725	26.7	1,781,375	22.9	300,350	3.9	3,426.1	8.3
1997	103.7	-0.5	2,221,103	26.4	2,016,446	24.0	204,657	2.4	3,715.3	8.4
1998	104.3	0.6	2,341,582	26.0	2,226,491	24.7	115,091	1.3	3,854.8	3.8
1999	99.6	-4.6	2,442,411	26.1	2,171,372	23.2	271,039	2.9	4,507.2	16.9
2000	101.4	1.8	2,493,604	25.4	2,212,350	22.6	281,254	2.9	4,492.1	-0.3
2001	100.0	-1.3	2,322,760	24.0	1,682,154	17.3	640,606	6.6	5,025.9	11.9
2002	100.1	0.05	2,534,708	25.3	1,644,168	16.4	890,540	8.9	5,491.6	9.3
2001 Oct.	99.5	-2.9							4,445.3	4.4
Nov.	98.2	-5.0	678,326	27.2	436,471	17.5	241,855	9.7	4,572.5	6.7
Dec.	97.3	-5.3							5,025.9	11.9
2002 Jan.	97.8	-3.6							5,123.6	11.2
Feb.	98.1	-2.1	545,716	21.6	300,295	11.9	245,421	9.7	5,219.3	16.5
Mar.	99.4	-0.4							5,244.7	17.4
Apr.	100.2	0.5							5,219.8	20.4
May	99.9	0.3	643,979	27.1	444,187	18.7	199,792	8.4	5,152.8	21.5
June	99.8	-1.4							5,293.8	18.7
July	99.4	-1.9							5,159.7	17.7
Aug.	100.2	-0.8	599,113	23.7	427,527	16.9	171,586	6.8	5,240.6	19.6
Sept.	101.1	0.5							5,163.0	16.0
Oct.	101.7	2.2							5,182.3	16.6
Nov.	101.3	3.1	745,900	29.0	472,159	18.3	273,741	10.6	5,259.1	15.0
Dec.	101.9	4.7							5,491.6	9.3
2003 Jan.	102.2	4.5							5,731.0	11.9
Feb.	103.6	5.6	601,246	23.2	349,837	13.5	251,409	9.7	5,546.1	6.3
Mar.	104.5	5.1							5,518.2	5.2
Apr.	102.9	2.7							5,543.2	6.2
May	101.9	2.0	652,823	27.7	417,797	17.7	235,026	10.0	5,610.0	8.9
June	101.7	1.9							5,794.9	9.5
July	101.8	2.5							5,835.7	13.1
Aug.	102.4	2.2							5,990.4	14.3
Sept.	101.9	0.7							...	...

經 濟 指 標 (續)

Taiwan Economy (Continued)

(期 底 數) (end of period)		存 款(期底數) Deposits (end of period)		放 款 與 投 資(期底數) Loans & Investments (end of period)		準 貨 幣(期底數) Quasi-money (end of period)		時 期 PERIOD
M ₂								
金 額 (新台幣 10億元) amount (NT\$ billion)	與 上 年 比 較 % % change from previous year	金 額 (新台幣 10億元) amount (NT\$ billion)	與 上 年 比 較 % % change from previous year	金 額 (新台幣 10億元) amount (NT\$ billion)	與 上 年 比 較 % % change from previous year	金 額 (新台幣 10億元) amount (NT\$ billion)	與 上 年 比 較 % % change from previous year	
5,589.4	18.4	5,867.3	20.2	4,409.7	29.9	3,526.7	27.0	民國 78年
6,201.9	11.0	6,471.5	10.3	5,063.5	14.8	4,276.2	21.3	79年
7,403.0	19.4	7,576.5	17.1	6,189.7	22.2	5,244.5	22.6	80年
8,813.7	19.1	9,073.7	19.8	7,960.5	28.6	6,387.9	21.8	81年
10,170.2	15.4	10,454.4	15.2	9,511.0	19.5	7,373.1	15.4	82年
11,702.8	15.1	12,031.4	15.1	10,955.6	15.2	8,563.5	16.1	83年
12,805.4	9.4	13,130.9	9.1	12,100.3	10.4	9,642.3	12.6	84年
13,973.9	9.1	14,260.9	8.6	13,051.8	7.9	10,547.8	9.4	85年
15,094.4	8.0	15,421.3	8.1	14,084.7	7.9	11,379.1	7.9	86年
16,386.7	8.6	16,696.9	8.3	15,176.6	7.8	12,531.9	10.1	87年
17,745.0	8.3	18,064.2	8.2	15,675.0	3.3	13,237.8	5.6	88年
18,897.8	6.5	19,308.7	6.9	16,175.7	3.2	14,405.7	8.8	89年
19,736.9	4.4	20,160.7	4.4	16,022.7	-0.9	14,711.1	2.1	90年
20,247.0	2.6	20,609.8	2.2	15,493.9	-3.3	14,755.4	0.3	91年
19,358.8	5.7	19,763.0	5.6	15,788.7	-0.8	14,913.5	6.1	90年 10月
19,393.1	4.8	19,811.2	4.8	15,775.3	-1.4	14,820.6	4.3	11月
19,724.5	4.4	20,160.7	4.4	16,022.7	-0.9	14,698.6	2.0	12月
19,823.8	3.6	20,218.5	4.6	15,974.4	-1.6	14,700.2	1.2	91年 1月
19,990.6	4.4	20,305.8	4.2	15,915.7	-1.5	14,771.3	0.7	2月
20,014.6	4.4	20,351.4	4.3	15,781.5	-2.3	14,769.9	0.5	3月
19,914.0	4.7	20,245.2	4.4	15,734.4	-1.8	14,694.2	0.1	4月
19,799.3	4.1	20,184.3	3.9	15,632.9	-1.9	14,646.5	-0.9	5月
20,039.8	3.5	20,437.9	3.6	15,499.5	-3.3	14,746.0	-1.0	6月
19,871.1	2.8	20,311.0	2.7	15,358.8	-4.5	14,711.4	-1.6	7月
19,936.5	2.8	20,325.8	2.6	15,371.3	-3.4	14,695.9	-2.1	8月
19,846.7	2.3	20,258.4	2.2	15,360.5	-3.1	14,683.7	-1.8	9月
19,863.8	2.6	20,248.9	2.5	15,319.9	-3.0	14,681.5	-1.6	10月
20,012.3	3.2	20,411.6	3.0	15,260.3	-3.3	14,753.2	-0.5	11月
20,247.0	2.6	20,609.8	2.2	15,511.3	-3.2	14,755.4	0.4	12月
20,590.3	3.9	20,635.0	2.1	15,652.1	-2.0	14,859.3	1.1	92年 1月
20,467.2	2.4	20,723.0	2.1	15,543.0	-2.3	14,921.1	1.0	2月
20,389.4	1.9	20,666.8	1.5	15,485.6	-1.9	14,871.2	0.7	3月
20,373.6	2.3	20,679.1	2.1	15,528.4	-1.3	14,830.4	0.9	4月
20,425.3	3.2	20,714.3	2.6	15,569.9	-0.4	14,815.3	1.2	5月
20,551.9	2.6	20,892.6	2.2	15,780.2	1.8	14,757.0	0.07	6月
20,669.7	4.0	21,067.8	3.7	15,704.0	2.2	14,834.0	0.8	7月
20,846.2	4.6	21,189.6	4.2	15,655.4	1.8	14,855.8	1.1	8月
...	...	...	...	...	...	...	...	9月

1. 台 灣 重 要 Major Indicators of

時 期 PERIOD	中央銀行 重貼現率 (年息 百分率) Rediscount Rate of Central Bank of China (% per annum)	中央銀行 外匯存底 (期 底 數) 百萬元 Foreign Exchange Reserves of Central Bank of China (end of period, US\$ million)	新台幣匯率 (期 底) (新台幣 /美元) Exchange Rate of the NT\$ (end of period) (NT\$/US\$)	海 關 對 外 貿 易 統 計 (百萬元) Merchandise Trade (customs statistics, US\$ million)				
				進口 Imports (c. i. f.)		出口 Exports (f. o. b.)		差 額 Balance
				金 額 amount	與 上 年 比 較 % % change from previous year	金 額 amount	與 上 年 比 較 % % change from previous year	
1989	7.750	73,224	26.1600	52,265.3	5.2	66,304.0	9.3	14,038.6
1990	7.750	72,441	27.1075	54,716.0	4.7	67,214.4	1.4	12,498.4
1991	6.250	82,405	25.7475	62,860.5	14.9	76,178.3	13.3	13,317.8
1992	5.625	82,306	25.4025	72,006.8	14.6	81,470.3	6.9	9,463.5
1993	5.500	83,573	26.6260	77,061.2	7.0	85,091.5	4.4	8,030.3
1994	5.500	92,454	26.2400	85,349.2	10.8	93,048.8	9.4	7,699.5
1995	5.500	90,310	27.2650	103,550.0	21.3	111,658.8	20.0	8,108.8
1996	5.000	88,038	27.4910	102,370.0	-1.1	115,942.1	3.8	13,572.0
1997	5.250	83,502	32.6380	114,424.7	11.8	122,080.7	5.3	7,656.0
1998	4.750	90,341	32.2160	104,665.3	-8.5	110,582.3	-9.4	5,917.0
1999	4.500	106,200	31.3950	110,689.9	5.8	121,590.9	10.0	10,901.1
2000	4.625	106,742	32.9920	140,010.6	26.5	148,320.6	22.0	8,309.9
2001	2.125	122,211	34.9990	107,237.4	-23.4	122,866.3	-17.2	15,628.9
2002	1.625	161,656	34.7530	112,530.1	4.9	130,596.8	6.3	18,066.7
2001 Oct.	2.500	116,223	34.5250	9,709.6	-21.3	11,435.1	-16.2	1,725.5
2001 Nov.	2.250	121,165	34.4660	7,944.8	-33.5	10,172.5	-19.8	2,227.7
2001 Dec.	2.125	122,211	34.9990	8,507.3	-18.2	10,268.9	-15.1	1,761.6
2002 Jan.	2.125	123,629	34.9800	7,352.4	-20.9	9,682.2	-1.5	2,329.8
2002 Feb.	2.125	125,020	35.1120	6,522.0	-28.1	8,042.4	-20.6	1,520.4
2002 Mar.	2.125	128,029	35.0000	10,159.9	1.7	11,446.9	-2.3	1,287.0
2002 Apr.	2.125	132,933	34.7170	9,740.2	-7.3	10,858.3	0.2	1,118.1
2002 May	2.125	139,821	34.1450	9,435.1	5.6	11,039.9	8.8	1,604.8
2002 June	1.875	148,242	33.5580	9,616.1	11.3	11,225.4	8.7	1,609.3
2002 July	1.875	155,272	33.7580	10,636.9	15.8	11,141.8	14.8	504.8
2002 Aug.	1.875	156,438	34.2470	9,100.1	18.4	10,887.6	15.3	1,787.5
2002 Sept.	1.875	157,034	34.9180	10,549.7	35.8	11,251.7	27.1	702.0
2002 Oct.	1.875	157,628	34.7610	10,190.7	5.0	11,483.4	0.4	1,292.7
2002 Nov.	1.625	159,128	34.8120	9,341.7	17.6	11,901.6	17.0	2,560.0
2002 Dec.	1.625	161,656	34.7530	9,885.3	16.2	11,635.6	13.3	1,750.4
2003 Jan.	1.625	164,840	34.7030	9,492.2	29.1	10,060.4	3.9	568.2
2003 Feb.	1.625	166,334	34.7460	8,407.6	28.9	9,825.1	22.2	1,417.5
2003 Mar.	1.625	168,635	34.7500	10,915.3	7.4	12,612.9	10.2	1,697.6
2003 Apr.	1.625	170,635	34.8490	10,425.8	7.0	11,458.3	5.5	1,032.5
2003 May	1.625	175,229	34.7120	9,510.2	0.8	11,260.9	2.0	1,750.7
2003 June	1.375	176,686	34.6120	10,296.6	7.1	11,596.9	3.3	1,300.3
2003 July	1.375	182,208	34.4170	10,366.2	-2.5	11,630.0	4.4	1,263.8
2003 Aug. (3)	1.375	185,669	34.1700	10,397.3	14.3	12,300.8	13.0	1,903.5
2003 Sept. (3)	1.375	...	33.7800	10,978.7	4.1	12,558.1	11.6	1,579.4

(4) Figures for 1993, 1997, 1998, and 2002 include approvals backdated by the Investment Commission, Ministry of Economic Affairs, ROC, of US\$ 2,028 million, US \$2,720 million, US\$ 515 million, and US\$ 2,864 million, respectively.

經濟指標 (續)

Taiwan Economy (Continued)

台海兩岸經香港轉口貿易 Trade across the Taiwan Straits through Hong Kong					核(備)准赴大陸間接投資 Approved/Reported Indirect Investment in Mainland China (4)			時 期 PERIOD
台灣向大陸出口 Exports to Mainland China		台灣由大陸進口 Imports to Mainland China		差 額 Balance	件 數 Number of Cases	金 額 (百萬美元) Amount (US\$ million)		
金 額 (百萬美元) amount (US\$ million)	與 上 年 比 較 % % change from pre- vious year	金 額 (百萬美元) amount (US\$ million)	與 上 年 比 較 % % change from pre- vious year					
2,896.5	29.2	586.9	22.6	2,309.6	-	-	民國 78年	
3,278.2	13.2	765.4	30.4	2,512.9	-	-	79年	
4,667.2	42.4	1,126.0	47.1	3,541.2	237	174.2	80年	
6,287.9	34.7	1,119.0	-0.6	5,169.0	264	247.0	81年	
7,585.4	20.6	1,103.6	-1.4	6,481.8	9,329	3,168.4	82年	
8,517.2	12.3	1,292.3	17.1	7,224.9	934	962.2	83年	
9,882.8	16.0	1,574.2	21.8	8,308.6	490	1,092.7	84年	
9,717.6	-1.7	1,582.4	0.5	8,135.2	383	1,229.2	85年	
9,715.1	-0.03	1,743.8	10.2	7,971.3	8,725	4,334.3	86年	
8,364.1	-13.9	1,654.9	-5.1	6,709.2	1,284	2,034.6	87年	
8,174.9	-2.3	1,628.1	-1.7	6,546.8	488	1,252.8	88年	
9,593.1	17.4	1,980.5	21.6	7,612.6	840	2,607.1	89年	
8,811.5	-8.1	1,693.3	-14.5	7,118.2	1,186	2,784.1	90年	
10,311.8	17.0	1,708.1	0.9	8,603.7	3,116	6,723.1	91年	
773.1	-14.7	153.3	-19.1	619.8	87	206.3	90年 10月	
703.7	-13.8	139.9	-8.9	563.8	104	188.9	11月	
660.6	-13.7	142.5	-10.2	518.1	126	266.5	12月	
633.4	2.6	144.3	4.0	489.1	110	206.2	91年 1月	
550.2	-19.9	110.7	-15.6	439.5	59	71.1	2月	
862.4	15.8	147.5	-5.6	714.9	112	290.8	3月	
830.3	9.7	139.6	-10.0	690.7	109	248.0	4月	
888.9	11.0	152.3	-0.8	736.6	122	391.1	5月	
833.2	27.1	127.0	4.2	706.2	99	328.7	6月	
938.2	18.1	142.0	4.3	796.2	262	684.5	7月	
921.1	17.8	147.9	6.4	773.2	325	798.6	8月	
1,017.4	20.5	139.6	8.5	877.8	370	643.5	9月	
983.7	27.2	151.6	-1.1	832.1	336	698.3	10月	
961.6	36.6	149.2	6.6	812.4	433	930.7	11月	
902.3	36.6	158.7	11.4	743.6	779	1,431.7	12月	
888.3	40.2	177.3	22.9	711.0	1,033	1,610.0	92年 1月	
736.7	33.9	124.8	12.7	611.9	686	951.3	2月	
998.8	15.8	173.9	17.9	824.9	767	1,393.4	3月	
941.0	13.3	166.1	19.0	774.9	175	429.7	4月	
964.3	8.5	171.5	12.6	792.8	138	317.7	5月	
932.4	11.9	170.7	34.4	761.7	197	416.6	6月	
1,076.3	14.7	189.0	33.1	887.3	131	529.4	7月	
985.2	7.0	167.4	13.2	817.8	126	195.5	8月	
...	...	...	...	...	...	...	9月

(4) 1993、1997、1998及2002年資料涵蓋經濟部投審會補辦許可案件，金額分別為2,028百萬美元、2,720百萬美元、515百萬美元及2,864百萬美元。

2. 工 業 生 產 Indices of

Base: 1996=100

時 期 PERIOD	總指數 GENERAL INDEX	礦 業 MINING	製 造 業 MANUFACTURING						
			生產指數 Manu- facturing	依重輕工業分類 By Heavy or Light		依公民營分類 By Public or Private		依 產 品 用 By	
				重工業 heavy	輕工業 light	公營 public	民營 private	最終需要財 final demand goods	投資財 investment goods
1990	75.39	126.81	76.37	63.31	103.68	112.58	73.86	93.67	66.00
1991	80.97	115.33	82.04	69.41	108.51	110.77	80.15	98.61	70.15
1992	84.54	110.55	85.23	74.99	106.75	116.92	83.11	99.35	77.38
1993	87.80	109.49	87.37	80.38	102.17	127.83	84.58	96.80	82.18
1994	93.60	109.94	92.37	87.11	103.62	128.75	89.92	97.98	86.17
1995	98.01	106.29	97.17	95.45	100.85	111.02	96.24	99.63	94.02
1996	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1997	107.43	99.71	108.69	113.05	99.35	101.93	109.14	105.42	114.82
1998	110.26	77.99	111.25	118.25	96.26	103.18	111.79	107.66	125.41
1999	118.76	77.28	120.29	131.35	96.63	107.73	121.14	112.27	138.02
2000	127.52	72.12	129.87	145.87	95.66	105.48	131.52	121.36	158.49
2001	118.19	77.79	119.50	134.82	86.72	100.84	120.76	114.79	156.24
2002	125.74	79.40	128.40	148.34	85.71	91.94	130.85	118.10	163.30
2001 Aug.	121.73	76.06	121.23	135.19	91.36	95.88	122.94	117.53	157.58
Sept.	112.50	57.47	113.59	128.84	80.95	97.10	114.70	107.79	148.40
Oct.	123.69	71.40	125.53	143.75	86.55	100.49	127.22	122.04	173.76
Nov.	120.93	75.53	123.02	140.93	84.72	93.04	125.04	121.04	173.34
Dec.	118.06	90.94	120.43	136.67	85.68	93.09	122.27	117.73	165.56
2002 Jan.	118.33	93.44	120.72	136.06	87.88	91.45	122.69	113.29	150.06
Feb.	99.00	68.24	100.98	116.05	68.73	80.79	102.34	91.63	126.19
Mar.	128.26	86.03	131.82	151.13	90.50	95.77	134.25	124.03	174.54
Apr.	127.31	86.86	130.66	149.70	89.94	87.45	133.58	119.32	162.05
May	133.97	78.56	136.73	157.93	91.36	96.48	139.44	125.70	173.61
June	125.33	64.75	127.29	148.04	82.91	86.03	130.07	118.94	166.88
July	128.58	69.30	130.14	150.21	87.18	93.87	132.58	115.89	153.96
Aug.	128.73	71.29	129.75	149.08	88.38	101.30	131.66	116.14	154.06
Sept.	125.78	73.55	128.56	149.55	83.66	94.22	130.88	118.17	165.67
Oct.	132.14	83.29	135.55	158.41	86.65	94.32	138.33	125.19	177.95
Nov.	130.13	92.05	133.93	157.11	84.32	91.32	136.80	125.84	182.01
Dec.	131.30	85.49	134.61	156.86	86.99	90.25	137.60	123.08	172.63
2003 Jan.	128.21	87.02	130.76	151.24	86.95	94.66	133.20	118.20	157.53
Feb.	108.14	66.56	111.55	131.86	68.10	89.48	113.04	96.90	137.01
Mar.	130.96	88.28	134.55	156.07	88.51	100.61	136.83	120.07	160.66
Apr.	127.41	67.95	130.74	151.90	85.46	93.66	133.24	116.28	152.20
May	129.44	63.35	131.53	153.29	84.98	101.69	133.54	115.02	149.59
June	128.25	63.39	130.04	152.97	80.99	95.53	132.37	116.73	160.17
July	137.29	61.55	137.97	161.29	88.07	101.92	140.40	122.39	160.47

Source: Ministry of Economic Affairs, R.O.C., *Industrial Production Statistics Monthly, Taiwan Area, R.O.C.*

產 指 數 Industrial Production

基期：民國85年=100

途 分 類 Usage		水 電 燃氣業 ELEC- TRICITY, GAS & WATER	房 屋 建築業 HOUS.& BLDG. CON- STRUC- TION	製造業銷存量指數 Manufacturing Producer's Shipment and Inventory		民營占製 造業比重% Private Enterprises' Share of Manu- facturing Value-added	重工業占製 造業比重% Heavy Industries' Share of Manu- facturing Value-added	時 期 PERIOD
消費財 consumer goods	生產財 producer goods			銷售量指數 Producer's Shipment	存貨量指數 Producer's Inventory			
112.62	64.11	65.10	65.61	75.99	80.08	90.69	56.64	民國 79年
118.11	70.49	71.26	67.92	81.60	78.84	91.48	57.77	80年
114.39	75.38	75.78	79.56	84.70	88.08	91.34	60.04	81年
106.81	80.66	82.75	101.99	87.32	90.91	90.76	62.73	82年
106.07	88.42	89.24	126.36	92.83	88.66	91.20	64.27	83年
103.48	95.44	94.78	121.06	97.36	93.34	92.79	66.94	84年
100.00	100.00	100.00	100.00	100.00	100.00	93.69	68.15	85年
98.98	110.99	106.12	83.73	107.87	99.78	94.08	70.89	86年
95.49	113.77	114.23	84.17	110.35	110.55	94.13	72.38	87年
94.62	125.94	118.48	89.73	119.41	114.10	94.34	74.40	88年
95.92	135.87	130.32	76.21	128.46	115.00	94.87	76.54	89年
86.40	122.82	132.60	66.82	117.81	126.55	94.67	76.89	90年
87.14	135.64	137.47	51.38	126.00	119.10	95.48	78.74	91年
90.10	123.84	157.18	70.73	120.88	126.05	95.01	76.00	90年 8月
79.97	117.66	133.90	54.20	111.79	126.04	94.60	77.30	9月
86.62	127.99	133.81	69.67	123.69	126.78	94.95	78.04	10月
85.21	124.42	123.71	74.47	122.61	126.01	95.23	78.06	11月
84.96	122.33	124.78	57.66	117.55	128.15	95.12	77.34	12月
88.10	125.94	124.42	58.43	120.71	122.25	95.22	76.81	91年 1月
67.96	107.55	106.59	45.59	99.48	121.12	94.95	78.32	2月
89.42	137.30	130.97	50.97	130.98	117.14	95.41	78.13	3月
90.04	138.65	134.21	46.57	128.14	114.42	95.78	78.07	4月
92.88	144.49	142.78	63.36	131.62	117.30	95.55	78.72	5月
86.10	133.17	145.96	50.33	123.23	118.86	95.73	79.25	6月
89.81	140.16	157.36	47.25	126.75	119.29	95.45	78.66	7月
90.17	139.32	158.92	56.19	126.87	118.80	95.07	78.30	8月
85.63	135.87	143.34	38.59	126.29	120.04	95.37	79.27	9月
89.05	142.84	142.36	44.73	134.07	119.26	95.61	79.64	10月
87.37	139.62	130.11	52.45	131.84	120.45	95.70	79.94	11月
89.14	142.72	132.60	62.04	132.00	120.22	95.77	79.41	12月
91.26	139.61	130.57	72.56	131.11	112.08	95.43	78.82	92年 1月
69.42	121.86	114.59	27.18	109.28	111.88	94.94	80.55	2月
92.27	144.73	133.77	52.77	129.79	114.61	95.28	79.05	3月
91.67	140.92	137.32	42.99	127.55	115.55	95.48	79.18	4月
91.34	143.15	147.23	57.33	126.36	118.77	95.12	79.42	5月
86.97	139.41	147.07	60.47	127.77	116.95	95.36	80.16	6月
96.29	148.94	171.45	65.81	135.08	117.39	95.34	79.67	7月

資料來源：經濟部編印中華民國台灣地區工業生產統計月報。

2-1. 工 業 生

Indices of

基期：民國85年=100
Base: 1996=100

時 期 PERIOD	總 指 數 GENERAL INDEX			礦 業 MINING		
	合 計 Total	公 營 Public	民 營 Private	小 計 Subtotal	公 營 Public	民 營 Private
Weights (‰)	1,000.00	126.20	873.80	2.62	1.26	1.36
1990	75.39	88.52	73.46	126.81	129.27	121.52
1991	80.97	90.74	79.62	115.33	109.44	119.88
1992	84.54	95.38	83.03	110.55	98.46	122.34
1993	87.80	103.79	85.43	109.49	97.30	121.42
1994	93.60	107.89	91.53	109.94	100.48	118.71
1995	98.01	103.24	97.25	106.29	102.18	110.10
1996	100.00	100.00	100.00	100.00	100.00	100.00
1997	107.43	103.85	107.94	99.71	91.24	107.57
1998	110.26	108.76	110.47	77.99	90.33	66.56
1999	118.76	110.90	119.90	77.28	91.50	64.11
2000	127.52	111.33	129.86	72.12	79.44	65.33
2001	118.19	108.42	119.60	77.79	88.57	67.80
2002	125.74	103.28	128.98	79.40	90.43	69.19
2001 Aug.	121.76	118.94	122.13	76.22	78.93	73.40
Sept.	112.67	105.78	113.47	57.47	75.07	41.15
Oct.	123.95	108.03	125.95	71.40	81.24	62.28
Nov.	121.22	98.97	124.10	75.53	90.13	61.99
Dec.	118.06	98.83	120.84	90.94	107.64	75.46
2002 Jan.	118.33	96.93	121.41	93.44	120.44	68.41
Feb.	99.00	85.61	100.94	68.24	84.25	53.41
Mar.	128.26	103.66	131.81	86.03	104.19	69.21
Apr.	127.31	101.70	131.01	86.86	109.07	66.27
May	133.97	107.09	137.86	78.56	78.37	78.73
June	125.33	104.82	128.29	64.75	64.01	65.44
July	128.58	113.56	130.75	69.30	75.38	63.67
Aug.	128.73	115.99	130.57	71.29	80.38	62.87
Sept.	125.78	105.12	128.77	73.55	77.85	69.57
Oct.	132.14	106.96	135.78	83.29	90.59	76.52
Nov.	130.13	98.74	134.66	92.05	101.29	83.48
Dec.	131.30	99.12	135.95	85.49	99.33	72.66
2003 Jan.	128.21	98.87	132.44	87.02	103.73	71.55
Feb.	108.14	89.63	110.82	66.56	76.50	57.34
Mar.	130.96	102.98	135.00	88.28	107.14	70.80
Apr.	127.41	102.07	131.07	67.95	81.51	55.39
May	129.44	110.12	132.24	63.35	74.80	52.74
June	128.25	105.84	131.49	63.39	74.27	53.30
July	137.29	121.04	139.64	61.55	72.81	51.11

產 指 數

Industrial Production

公式：加權綜值式
Formula: Weighted Aggregates of Value

製 造 業 MANUFACTURING			房屋建築業 HOUS. & BLDG. CONSTRUCTION	水電燃氣業 ELECTRICITY, GAS & WATER	時 期 PERIOD
小 計 Subtotal	公 營 Public	民 營 Private	民 營 Private	公 營 Public	權 數 (%)
879.92	55.54	824.38	41.73	69.39	
76.37	112.58	73.86	65.61	68.49	民國 79年
82.04	110.77	80.15	67.92	74.35	80年
85.23	116.92	83.11	79.56	78.06	81年
87.37	127.83	84.58	101.99	84.65	82年
92.37	128.75	89.92	126.36	91.32	83年
97.17	111.02	96.24	121.06	97.04	84年
100.00	100.00	100.00	100.00	100.00	85年
108.69	101.93	109.14	83.73	105.60	86年
111.25	103.18	111.79	84.17	113.56	87年
120.29	107.73	121.14	89.73	113.78	88年
129.87	105.48	131.52	76.21	116.60	89年
119.50	100.84	120.76	66.82	114.85	90年
128.40	91.94	130.85	51.38	112.59	91年
121.26	95.88	122.94	70.73	138.14	90年 8月
113.78	97.10	114.70	54.20	113.28	9月
125.83	100.49	127.22	69.67	114.55	10月
123.36	93.04	125.04	74.47	103.88	11月
120.43	93.09	122.27	57.66	103.27	12月
120.72	91.45	122.69	58.43	100.89	91年 1月
100.98	80.79	102.34	45.59	89.50	2月
131.82	95.77	134.25	50.97	109.97	3月
130.66	87.45	133.58	46.57	112.97	4月
136.73	96.48	139.44	63.36	116.11	5月
127.29	86.03	130.07	50.33	120.61	6月
130.14	93.87	132.58	47.25	130.01	7月
129.75	101.30	131.66	56.19	128.39	8月
128.56	94.22	130.88	38.59	114.34	9月
135.55	94.32	138.33	44.73	117.37	10月
133.93	91.32	136.80	52.45	104.64	11月
134.61	90.25	137.60	62.04	106.23	12月
130.76	94.66	133.20	72.56	102.15	92年 1月
111.55	89.48	113.04	27.18	89.99	2月
134.55	100.61	136.83	52.77	104.80	3月
130.74	93.66	133.24	42.99	109.18	4月
131.53	101.69	133.54	57.33	117.50	5月
130.04	95.53	132.37	60.47	114.67	6月
137.97	101.92	140.40	65.81	137.22	7月

2-2. 工 業 生

Indices of

基期：民國85年=100

Base: 1996=100

時 期 PERIOD	總 指 數 GENERAL INDEX	礦 業 MINING			製 造 業			
		礦 業 類 指 數 Mining group index	原 油 天 然 氣 業 Crude petroleum & natural gas	非 金 屬 礦 業 Non-metallic minerals	製 造 業 類 指 數 Manufacturing group index	食 品 業 Food	酒 類 釀 造 業 Wine & liquor producing	啤 酒 製 造 業 Malt liquors & malt
Weights (‰)	1,000.00	2.62	1.07	1.39	879.92	60.53	2.33	1.75
1990	75.39	126.81	132.81	91.97	76.37	85.17	107.53	117.40
1991	80.97	115.33	107.87	100.07	82.04	88.75	101.84	115.95
1992	84.54	110.55	100.30	104.16	85.23	92.62	110.33	113.76
1993	87.80	109.49	94.89	108.28	87.37	94.76	104.62	119.36
1994	93.60	109.94	99.45	108.53	92.37	100.06	103.91	117.30
1995	98.01	106.29	101.76	103.74	97.17	101.98	103.19	107.07
1996	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1997	107.43	99.71	97.00	105.59	108.69	91.85	103.29	94.81
1998	110.26	77.99	99.48	64.15	111.25	86.48	95.80	109.07
1999	118.76	77.28	96.76	63.96	120.29	85.14	107.85	104.94
2000	127.52	72.12	84.50	64.32	129.87	85.44	108.95	102.12
2001	118.19	77.79	96.25	72.41	119.50	84.82	107.86	99.98
2002	125.74	79.40	99.13	73.23	128.40	81.74	24.43	91.69
2001 Aug.	121.73	76.06	87.38	76.00	121.26	93.72	97.11	142.44
2001 Sept.	112.50	57.47	82.70	44.54	113.78	80.42	65.37	111.53
2001 Oct.	123.69	71.40	90.49	64.80	125.83	83.03	112.43	97.44
2001 Nov.	120.93	75.53	102.27	63.49	123.36	82.69	170.15	76.63
2001 Dec.	118.06	90.94	122.40	77.01	120.43	86.73	146.13	94.27
2002 Jan.	118.33	93.44	137.07	70.39	120.72	90.36	46.79	51.50
2002 Feb.	99.00	68.24	95.49	54.98	100.98	72.84	21.56	42.71
2002 Mar.	128.26	86.03	108.59	78.43	131.82	82.71	16.86	78.74
2002 Apr.	127.31	86.86	98.91	87.48	130.66	80.08	14.42	115.78
2002 May	133.97	78.56	87.10	80.93	136.73	82.44	13.60	128.40
2002 June	125.33	64.75	71.22	67.15	127.29	77.47	17.93	105.50
2002 July	128.58	69.30	84.35	65.60	130.14	85.32	17.51	128.48
2002 Aug.	128.73	71.29	89.83	65.12	129.75	89.88	15.17	146.41
2002 Sept.	125.78	73.55	87.43	71.24	128.56	81.49	20.04	112.87
2002 Oct.	132.14	83.29	102.03	78.32	135.55	77.46	19.18	63.63
2002 Nov.	130.13	92.05	114.89	84.91	133.93	76.90	27.04	58.17
2002 Dec.	131.30	85.49	112.66	74.26	134.61	83.94	63.04	68.13
2003 Jan.	128.21	87.02	118.20	72.87	130.76	89.06	34.90	82.85
2003 Feb.	108.14	66.56	86.25	58.94	111.55	62.81	18.32	47.07
2003 Mar.	130.96	88.28	121.88	72.40	134.55	79.88	23.96	82.62
2003 Apr.	127.41	67.95	90.99	57.92	130.74	75.37	18.87	98.02
2003 May	129.44	63.35	83.58	54.97	131.53	77.76	19.43	141.91
2003 June	128.25	63.39	83.03	55.46	130.04	70.98	16.72	65.22
2003 July	137.29	61.55	81.81	52.92	137.97	85.31	15.00	124.21

產 指 數 Industrial Production

公式：加權綜值式
Formula: Weighted Aggregates of Value

MANUFACTURING									時 期 PERIOD
不含酒類飲料業 Soft drink & carbonated waters	菸草製造業 Tobacco	紡織業 Textile	成衣服飾業 Wearing apparel & accessories	皮革業 Leather fur & products	木竹製品業 Wood bamboo prod. & non-metallic furniture	家具及裝設品 Furniture & fixtures	紙漿、紙及紙製品 Pulp paper & paper products	印刷及有關事業 Printing processings	
7.15	1.73	46.51	15.27	5.51	4.32	6.87	16.85	10.80	權 數(‰)
54.86	108.57	84.67	163.80	196.19	232.12	136.27	84.82	91.91	民國 79年
66.02	114.42	89.77	173.59	190.94	239.60	143.45	91.11	93.54	80年
79.96	111.42	92.18	155.14	151.72	203.64	140.69	95.76	104.45	81年
97.31	106.25	91.24	132.14	131.05	165.27	126.01	93.24	108.53	82年
115.97	107.84	98.46	118.52	125.31	132.78	119.83	96.13	106.39	83年
107.03	103.11	96.65	108.10	107.98	106.67	105.04	99.20	103.21	84年
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	85年
100.37	101.39	103.56	95.07	91.20	93.91	98.16	104.70	103.59	86年
107.12	93.38	105.15	94.72	85.36	80.07	92.84	103.59	115.37	87年
103.55	85.05	108.08	87.82	83.89	70.43	98.57	109.81	111.95	88年
96.38	78.80	106.82	77.94	80.98	58.95	96.77	111.33	118.55	89年
100.19	83.15	95.09	60.36	62.32	55.10	65.81	104.95	119.11	90年
80.68	72.51	91.17	55.85	67.49	46.92	52.87	107.66	115.43	91年
132.55	88.17	96.33	74.19	63.19	57.80	62.10	110.04	135.15	90年 8月
96.17	67.92	87.15	63.54	54.41	53.42	53.54	100.16	121.76	9月
91.45	85.38	91.56	59.62	57.19	56.40	62.55	109.71	132.17	10月
74.91	102.40	87.25	53.69	59.84	54.78	67.49	107.23	116.95	11月
60.00	111.91	85.26	57.25	58.29	59.07	65.74	109.93	119.69	12月
78.71	84.71	87.83	52.22	58.44	49.63	62.29	112.92	128.12	91年 1月
62.17	48.57	73.10	44.40	38.95	35.55	42.59	76.58	103.30	2月
81.94	71.11	99.14	50.76	72.20	46.91	58.43	118.46	116.59	3月
79.92	56.92	101.93	51.95	74.78	46.66	51.74	112.97	113.32	4月
87.67	86.95	103.94	56.81	80.57	47.99	52.53	114.20	104.90	5月
81.97	76.45	90.50	57.82	74.80	45.98	46.04	106.18	106.32	6月
104.23	72.54	91.34	62.57	70.82	47.42	48.39	114.10	108.48	7月
110.12	73.08	90.27	67.67	66.61	50.99	52.43	109.82	119.01	8月
77.37	73.31	87.96	62.37	67.43	45.26	48.82	102.98	119.53	9月
70.47	81.70	91.96	55.18	71.30	48.08	53.19	107.94	133.66	10月
63.65	72.77	88.44	51.77	64.84	50.37	57.81	106.22	112.44	11月
69.89	72.01	87.65	56.63	69.11	48.25	60.14	109.55	119.52	12月
75.62	83.72	84.65	53.30	61.08	43.88	55.71	113.70	109.13	92年 1月
56.78	59.79	73.55	37.86	52.31	32.73	38.67	92.56	100.71	2月
81.21	86.59	91.16	46.53	72.83	41.93	49.56	117.42	146.61	3月
76.12	68.73	86.58	46.96	70.93	44.54	47.41	112.90	115.53	4月
92.10	68.95	86.42	45.79	78.46	41.37	44.47	111.59	108.17	5月
77.68	65.36	83.63	49.65	71.51	37.64	41.51	108.81	113.60	6月
123.68	61.86	86.46	60.70	71.17	39.87	43.53	116.16	131.39	7月

2-2. 工 業 生 產 業 生 產 指 數

Indices of

基期：民國85年=100
Base: 1996=100

時 期 PERIOD	製 造 業								
	化 學 材 料 業 Chemical materials	化 學 製 品 業 Chemical products	石 油 及 煤 製 品 業 Petroleum refinery & coal products	橡 膠 製 品 業 Rubber products	膠 塑 製 品 業 Plastic products	非 金 屬 礦 物 製 品 業 Non-metallic mineral products	金 屬 基 本 工 業 Basic metal	金 屬 製 品 業 Fabricated metal products	機 械 業 Machinery & equipment
Weights (‰)	81.27	22.51	36.37	9.70	41.17	29.65	80.86	53.82	44.97
1990	54.57	66.58	63.84	106.39	114.64	80.01	62.95	78.67	73.87
1991	61.70	71.34	64.67	110.85	116.92	86.49	68.58	88.64	81.93
1992	70.26	77.37	65.97	114.19	112.22	90.96	76.14	92.92	86.16
1993	74.94	82.45	77.65	103.30	106.17	97.83	84.24	88.62	88.50
1994	89.18	91.43	75.38	101.35	107.47	103.97	89.74	93.74	92.59
1995	94.55	94.79	92.02	103.48	97.14	105.30	93.40	99.55	96.56
1996	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1997	106.25	107.35	103.77	99.59	103.62	104.28	120.45	105.09	108.83
1998	109.06	107.02	107.94	96.42	97.50	102.53	124.56	102.32	102.82
1999	118.98	112.20	117.03	94.97	103.35	98.61	133.03	105.26	104.97
2000	127.24	116.27	121.65	92.92	101.87	98.59	139.18	102.67	114.35
2001	134.58	105.72	133.42	82.76	92.14	89.12	127.18	85.34	96.38
2002	142.74	109.44	149.59	91.61	97.20	91.55	140.91	89.21	105.77
2001 Aug.	138.52	110.32	133.48	82.66	94.74	89.45	128.03	88.01	95.47
2001 Sept.	138.39	94.48	136.14	75.19	84.26	76.76	120.35	80.28	86.54
2001 Oct.	142.64	110.37	146.54	83.00	91.50	88.89	126.03	87.30	91.56
2001 Nov.	131.40	108.77	124.59	82.60	91.74	90.25	129.47	83.44	90.00
2001 Dec.	131.01	106.02	127.18	82.22	93.74	94.15	127.38	81.91	105.35
2002 Jan.	134.24	109.12	138.42	82.45	102.68	89.95	132.54	83.01	91.58
2002 Feb.	123.37	81.26	126.88	66.96	77.63	69.25	112.04	64.79	73.19
2002 Mar.	150.19	114.44	137.81	97.36	106.95	90.10	144.33	89.38	94.76
2002 Apr.	151.03	114.97	141.74	92.58	108.01	91.85	142.68	88.41	99.42
2002 May	148.87	118.88	151.03	97.34	107.68	95.66	149.34	95.50	110.52
2002 June	132.40	104.36	145.18	91.08	91.79	92.72	137.63	85.43	113.67
2002 July	140.89	111.75	154.29	92.64	97.58	93.15	146.24	96.29	107.22
2002 Aug.	149.00	111.23	165.70	92.31	97.01	91.33	143.28	96.74	117.63
2002 Sept.	139.68	106.78	159.48	91.19	89.12	90.74	142.47	92.79	104.57
2002 Oct.	143.71	117.41	168.53	98.39	95.94	99.69	148.24	90.71	114.76
2002 Nov.	146.59	111.51	156.90	98.06	95.33	96.32	142.83	91.61	117.00
2002 Dec.	152.87	111.58	149.13	98.90	96.68	97.89	149.34	95.90	124.89
2003 Jan.	152.86	113.65	163.54	100.60	96.53	94.51	146.46	94.75	102.24
2003 Feb.	137.99	88.05	142.47	77.91	76.41	71.50	130.90	69.73	81.34
2003 Mar.	141.19	119.30	147.14	102.24	101.32	95.72	152.40	91.71	113.61
2003 Apr.	135.39	121.58	151.91	103.24	98.21	91.98	147.47	93.17	117.11
2003 May	142.18	128.50	175.04	104.56	94.53	94.07	145.48	91.27	113.43
2003 June	151.86	112.38	176.34	98.81	92.35	86.57	139.07	86.39	116.28
2003 July	160.90	123.11	185.57	101.70	96.49	97.05	144.48	92.90	115.95

產 指 數 (續)

Industrial Production (Continued)

公式：加權綜值式
Formula: Weighted Aggregates of Value

MANUFACTURING				水 電 燃 氣 業 ELECTRICITY, GAS & WATER				房屋建築業 HOUS. & BLDG. CONST.	時 期 PERIOD
電機電子器材業 Electrical & electronic machinery and equipment	運輸工具業 Transport equipment	精密器械業 Precision instrument	雜項工業 Miscellaneous industries products	水電燃氣業類指數 Electricity, gas & water group index	電力供應業 Electric light & power supply	燃氣供應業 Gas supply	自來水供應業 Water works & supply	類 指 數 Group Index	
232.92	52.14	7.77	18.38	75.74	65.93	0.69	9.12	41.72	權 數(‰)
55.37	84.74	111.79	134.00	65.10	63.80	47.20	78.31	65.61	民國 79年
61.08	94.28	116.57	135.51	71.26	70.08	54.97	82.57	67.92	80年
64.15	102.66	118.91	132.38	75.78	74.47	62.70	87.88	79.56	81年
71.17	102.10	108.76	116.29	82.75	81.42	72.33	94.31	101.99	82年
79.74	104.00	110.50	105.14	89.24	88.09	80.10	98.28	126.36	83年
92.83	105.57	110.16	104.34	94.78	94.06	90.54	100.36	121.06	84年
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	85年
119.19	103.86	97.10	97.65	106.12	106.42	105.53	103.99	83.73	86年
131.09	105.64	91.36	85.29	114.23	115.15	106.47	108.15	84.17	87年
157.06	98.16	100.86	81.46	118.48	118.94	108.31	115.91	89.73	88年
185.43	101.63	119.98	84.00	130.32	129.76	156.06	132.46	76.21	89年
167.73	85.46	107.68	79.42	132.60	132.12	141.52	135.34	66.82	90年
185.95	95.78	128.09	78.80	137.47	139.19	150.51	124.00	51.38	91年
167.58	80.72	104.83	82.04	157.18	160.05	121.66	139.10	70.79	90年 8月
158.81	78.82	98.45	77.70	133.90	134.37	122.99	131.33	54.26	9月
185.20	89.72	115.51	82.58	133.81	133.46	141.47	135.73	69.67	10月
184.98	90.25	110.30	82.83	123.71	122.41	125.74	132.97	74.47	11月
173.64	79.29	118.24	79.60	124.78	123.17	144.75	134.90	57.66	12月
168.83	89.31	105.26	69.30	124.42	122.97	163.99	131.87	58.43	91年 1月
145.87	63.25	83.98	58.62	106.59	104.54	151.16	117.97	45.59	2月
194.07	97.65	115.94	79.59	130.97	130.86	165.89	129.20	50.97	3月
188.92	96.25	131.03	81.93	134.21	135.43	141.83	124.78	46.57	4月
200.14	105.62	139.46	82.90	142.78	147.05	132.54	112.67	63.36	5月
189.59	96.35	129.93	76.05	145.96	150.48	120.55	115.20	50.33	6月
185.26	103.10	122.49	77.92	157.36	161.92	154.34	124.61	47.25	7月
179.62	87.77	135.64	81.46	158.92	163.67	128.47	126.88	56.19	8月
187.37	94.28	134.61	80.08	143.34	146.01	140.20	124.24	38.59	9月
199.79	105.85	147.22	84.65	142.36	143.80	188.74	128.47	44.73	10月
199.19	103.76	146.57	88.97	130.11	130.67	161.49	123.72	52.45	11月
192.74	106.22	144.99	84.10	132.60	132.93	156.95	128.41	62.04	12月
180.97	113.10	134.63	79.22	130.57	129.35	262.70	129.50	72.56	92年 1月
164.29	80.20	118.95	62.12	114.59	113.23	218.28	116.64	27.18	2月
195.70	114.28	137.11	80.76	133.77	133.77	227.36	126.73	52.77	3月
188.12	110.41	144.20	88.12	137.32	138.58	188.59	124.35	42.99	4月
187.52	108.62	143.26	80.85	147.23	149.35	181.83	129.31	57.33	5月
188.46	100.97	145.37	78.40	147.07	149.74	191.58	124.41	60.47	6月
198.19	112.65	151.08	76.37	171.45	176.74	178.20	132.70	65.81	7月

3. 主 要 工 業

Output of Principal

時 期 PERIOD	製 造 MANUFAC-						
	棉 紗 Cotton yarn	人 織 紡 紗 Man-made fiber spun yarn	聚 酯 加 工 絲 Polyester textured yarn	棉 布 Cotton fabrics	聚 酯 絲 織 物 Polyester textured yarn fabrics	梭 織 布 印 染 整 理 Dyed & printed woven fabrics	針 織 布 印 染 整 理 Dyed & printed knitted fabrics
Unit	公 噸 mt	公 噸 mt	公 噸 mt	千 平 方 公 尺 1,000 m ²	千 平 方 公 尺 1,000 m ²	千 平 方 公 尺 1,000 m ²	公 噸 mt
2001 Oct.	25,888	26,953	90,491	64,725	147,825	173,566	16,806
Nov.	24,417	27,323	86,440	60,555	136,902	174,092	15,421
Dec.	24,044	25,388	87,232	60,185	136,306	154,688	14,439
2002 Jan.	24,738	25,160	87,272	61,924	146,123	155,906	12,753
Feb.	20,394	19,761	78,483	51,684	120,561	129,885	10,173
Mar.	26,694	26,765	98,811	69,604	156,752	179,382	19,054
Apr.	27,381	29,087	97,239	71,401	174,272	184,803	21,103
May	27,812	29,279	98,407	74,706	173,849	181,099	22,594
June	25,399	27,390	86,355	65,329	139,339	144,324	20,516
July	25,330	27,909	82,856	63,520	148,496	148,395	20,066
Aug.	25,616	26,545	85,589	63,253	148,634	155,127	16,483
Sept.	24,856	25,537	88,683	68,542	139,347	155,382	14,961
Oct.	26,005	26,372	85,406	73,144	145,006	167,288	14,881
Nov.	24,880	26,364	85,406	68,514	144,610	158,590	12,622
Dec.	27,255	25,870	88,244	62,121	144,647	155,649	12,284
2003 Jan.	25,545	25,148	90,546	58,026	133,957	140,468	11,877
Feb.	20,873	20,797	84,915	50,380	115,455	112,389	9,679
Mar.	25,794	26,787	87,135	63,814	145,042	157,916	15,447
Apr.	24,442	23,608	70,673	65,017	136,159	167,884	18,602
May	23,823	24,709	72,824	61,099	142,121	161,212	20,205
June	21,520	25,939	83,154	51,138	134,500	150,627	18,394
July	23,721	27,586	87,469	52,191	144,087	159,320	16,199

時 期 PERIOD	製 造 MANUFAC-						
	瓦 楞 紙 箱 Corrugated paperboard container	氧 氣 Oxygen	液 氮 Liquid nitrogen	硫 酸 Sulphuric acid	鹽 酸 Hydro- chloric acid	液 鹼 Liquid caustic soda	丙 烯 Propylene
Unit	千 平 方 公 尺 1,000 m ²	千 平 方 公 尺 1,000 m ²	公 噸 mt	公 噸 mt	公 噸 mt	公 噸 mt	公 噸 mt
2001 Oct.	217,947	47,700	47,328	79,708	18,635	110,319	113,419
Nov.	209,606	47,296	50,849	72,776	16,702	101,408	94,353
Dec.	204,402	50,086	51,148	66,944	17,236	103,157	108,745
2002 Jan.	233,494	35,562	49,269	48,944	16,594	103,053	93,689
Feb.	115,891	36,827	39,739	59,713	14,506	100,479	103,114
Mar.	232,563	47,370	53,735	83,741	17,768	110,873	119,882
Apr.	222,893	43,469	49,422	81,005	16,843	107,617	113,452
May	221,545	50,264	53,248	84,758	17,898	109,572	104,812
June	201,535	45,570	49,186	78,145	17,166	73,262	88,320
July	218,978	40,839	51,383	91,674	16,652	118,611	110,887
Aug.	212,858	48,345	56,724	93,117	17,536	123,368	114,202
Sept.	200,237	49,538	45,230	80,298	15,950	110,879	103,323
Oct.	218,494	47,946	46,880	84,753	19,321	121,070	104,392
Nov.	208,094	48,065	49,286	91,700	17,669	118,854	96,960
Dec.	210,862	49,409	55,251	101,320	18,919	127,041	125,314
2003 Jan.	235,775	49,210	48,075	85,511	15,939	128,288	138,561
Feb.	185,703	42,331	41,071	79,525	15,927	99,807	92,224
Mar.	220,299	53,191	45,241	95,494	19,562	106,678	80,271
Apr.	214,270	42,812	41,416	97,259	19,269	122,535	110,516
May	233,978	51,563	44,135	94,644	18,246	116,613	111,552
June	221,241	50,263	45,549	92,498	17,814	118,850	122,555
July	252,799	51,288	49,190	96,670	18,223	128,203	132,852

Source: See Table 2.

產 品 產 量

Industrial Products

業							時 期
TURING								PERIOD
皮 鞋 Leather shoes	燃氣熱水器 Gas fired water heater	金 屬 流 理 台 Kitchen counter	紙 漿 Pulps	文化用紙 Cultural paper	家庭用紙 Household paper	紙 板 Paper board	單 位
千 雙 1,000 prs.	臺 set	臺 set	公 噸 mt	公 噸 mt	公 噸 mt	公 噸 mt	
981	33,071	1,356	34,585	59,785	17,020	264,127	民國 90年 10月
984	62,421	1,764	27,100	60,428	17,112	258,893	11月
1,119	63,042	1,256	34,916	66,340	16,642	276,245	12月
1,367	37,603	1,315	31,892	59,459	19,545	272,474	91年 1月
781	29,828	794	32,200	47,008	13,790	179,808	2月
1,306	29,461	1,213	36,225	63,318	22,121	291,970	3月
1,237	32,057	1,235	28,829	65,038	15,182	281,090	4月
1,435	30,482	1,263	33,044	60,494	14,657	299,837	5月
1,399	38,883	1,330	31,543	61,877	13,604	278,098	6月
1,285	32,273	1,296	36,495	64,353	14,305	297,009	7月
1,270	29,487	1,678	33,314	57,243	15,534	291,669	8月
1,486	25,869	1,443	30,151	56,937	14,568	275,625	9月
1,321	36,120	1,648	35,488	59,309	15,350	271,399	10月
1,068	42,708	1,568	34,418	57,685	15,815	260,829	11月
1,279	46,965	1,732	34,573	60,381	16,688	275,124	12月
1,336	47,980	2,228	32,089	58,226	17,568	279,926	92年 1月
1,190	27,866	1,555	32,274	49,652	14,512	224,635	2月
1,261	32,116	2,137	34,004	60,077	19,158	315,526	3月
1,204	37,774	2,054	32,949	57,619	17,659	299,532	4月
1,376	36,540	1,645	32,574	58,607	15,297	282,421	5月
1,395	27,749	1,881	34,056	57,544	14,944	274,984	6月
1,361	28,968	1,358	35,427	58,905	15,743	287,681	7月

業							時 期
TURING								PERIOD
苯 乙 烯 單 體 Styrene monomer (SM)	氯 乙 烯 單 體 Vinyl chloride monomer (VCM)	乙 二 醇 Ethylene glycol (EG)	硫 酸 銨 Ammonium sulphate	過 磷 酸 鈣 Calcium superphos- phate	聚 胺 絲 Nylon filament	聚 酯 絲 Polyester filament	單 位
公 噸 mt	公 噸 mt	公 噸 mt	公 噸 mt	公 噸 mt	公 噸 mt	公 噸 mt	
105,585	150,524	90,555	46,647	24,637	33,301	132,482	民國 90年 10月
97,539	137,552	82,049	38,737	25,031	31,825	117,697	11月
112,460	120,662	87,876	34,528	25,933	32,308	119,492	12月
107,171	118,989	66,204	28,685	27,747	34,763	133,026	91年 1月
98,919	115,393	82,272	42,800	14,054	28,246	116,156	2月
112,498	156,542	71,900	58,602	23,331	37,027	143,446	3月
109,158	155,590	87,639	40,362	21,817	39,528	148,761	4月
109,233	133,633	84,946	43,629	18,736	41,570	151,620	5月
83,400	106,272	83,836	36,242	17,187	39,674	123,007	6月
93,795	134,898	86,016	43,518	19,363	38,633	120,546	7月
96,038	134,270	88,955	45,498	20,779	38,953	124,469	8月
108,632	127,013	62,365	42,411	22,402	38,330	130,315	9月
116,036	113,281	79,190	41,504	22,307	40,261	135,400	10月
105,460	119,091	80,099	49,212	21,115	39,049	136,816	11月
109,310	141,530	93,037	44,355	23,355	37,148	139,534	12月
115,144	141,973	91,795	46,451	23,365	38,655	137,714	92年 1月
104,545	132,862	74,478	49,769	20,274	37,619	135,665	2月
84,732	117,621	70,336	49,473	27,781	40,754	126,185	3月
88,145	113,296	89,152	41,827	18,732	37,045	99,577	4月
82,594	138,219	88,963	47,422	18,331	35,828	108,827	5月
106,794	160,313	91,210	54,806	16,873	36,284	119,729	6月
117,426	162,744	95,203	56,452	18,920	40,923	139,394	7月

資料來源：同表2。

3. 主 要 工 業

Output of Principal

時 期 PERIOD	製 造 MANUFAC-						
	聚氯乙 烯 Poly vinyl chloride (PVC)	中低密度 聚乙 烯 MLDPE	高 密 度 聚乙 烯 HDPE	聚苯乙 烯 Poly styrene (PS)	聚 丙 烯 Poly propylene (PP)	ABS 樹 脂 Acrylonitrile butadiene styrene	不飽和聚 脂 polyester resin
Unit	公 噸 mt	公 噸 mt	公 噸 mt	公 噸 mt	公 噸 mt	公 噸 mt	公 噸 mt
2001 Oct.	130,738	40,087	48,212	82,190	70,816	90,685	18,668
Nov.	121,161	33,655	35,057	74,793	65,741	69,084	16,898
Dec.	123,113	39,984	45,419	77,907	68,753	75,682	16,622
2002 Jan.	119,897	28,210	44,399	84,492	70,527	85,515	19,147
Feb.	114,183	37,837	39,800	59,040	67,667	72,488	10,288
Mar.	134,854	48,765	44,356	93,362	59,255	103,841	22,042
Apr.	131,922	37,247	55,364	75,716	73,416	97,758	20,583
May	134,177	31,661	39,708	70,002	70,649	89,879	18,215
June	119,316	29,958	32,203	67,866	66,721	82,550	16,801
July	123,389	32,315	45,316	72,954	69,253	91,108	19,172
Aug.	125,229	32,407	46,365	78,013	74,368	97,290	20,575
Sept.	112,914	21,909	48,222	69,330	66,534	85,957	19,953
Oct.	110,761	31,135	33,319	75,983	70,450	89,843	15,550
Nov.	127,522	31,890	39,982	76,187	72,092	89,895	16,945
Dec.	129,783	47,298	43,639	69,365	70,482	90,843	19,358
2003 Jan.	133,919	33,569	52,826	75,389	76,725	93,322	19,696
Feb.	113,911	29,489	32,642	61,653	70,305	76,321	15,259
Mar.	121,449	22,884	20,755	71,445	76,311	88,394	17,403
Apr.	114,644	26,716	36,795	68,945	69,639	77,609	12,911
May	110,006	36,560	48,396	77,473	70,881	84,651	14,283
June	123,677	33,738	48,721	74,302	74,707	91,514	17,596
July	133,290	40,530	51,639	74,414	75,438	96,055	17,782

時 期 PERIOD	製 造 MANUFAC-						
	塑 膠 布 Plastic clothes	塑 膠 地 磚 Plastic floor tile	塑 膠 板 Plastic board	陶 磁 面 磚 Ceramic tiles	平 板 玻 璃 Sheet glass	玻 璃 纖 維 Glass fiber	水 泥 Cement
Unit	公 噸 mt	千 平 方 公 尺 1,000 m ²	公 噸 mt	千 平 方 公 尺 1,000 m ²	標 準 箱 std. case	公 噸 mt	公 噸 mt
2001 Oct.	63,825	2,572	6,924	3,841	712,254	23,146	1,420,630
Nov.	57,287	2,786	6,813	3,453	691,782	22,080	1,580,492
Dec.	58,576	2,254	7,327	3,611	699,873	21,472	1,769,831
2002 Jan.	59,539	2,859	7,921	3,866	735,138	21,084	1,487,686
Feb.	48,997	2,427	4,878	1,207	656,007	19,085	1,241,322
Mar.	70,154	2,335	6,627	3,205	712,741	23,456	1,630,886
Apr.	68,758	2,289	6,520	3,366	746,290	23,835	1,643,055
May	68,537	2,529	6,516	3,667	815,081	25,329	1,760,302
June	56,363	2,336	6,004	3,235	726,954	25,245	1,673,064
July	56,814	2,442	6,452	3,290	680,282	26,048	1,557,865
Aug.	56,952	2,548	7,045	2,954	749,513	25,106	1,477,325
Sept.	47,974	2,307	5,845	2,999	724,450	24,253	1,502,526
Oct.	48,998	2,854	7,242	2,981	780,744	25,248	1,755,480
Nov.	50,523	2,661	7,296	3,122	780,837	25,341	1,778,523
Dec.	55,486	2,050	7,816	3,491	766,369	26,171	1,719,992
2003 Jan.	52,311	2,435	6,828	3,572	850,694	25,090	1,538,325
Feb.	48,878	1,567	5,704	1,894	753,176	22,461	1,195,030
Mar.	63,677	2,040	7,418	3,965	812,740	25,776	1,756,684
Apr.	51,962	2,096	6,903	3,579	690,112	25,849	1,550,698
May	47,005	2,342	6,234	3,962	541,146	27,459	1,647,490
June	46,797	2,564	6,046	3,382	499,969	25,397	1,500,006
July	51,545	2,264	6,748	4,113	640,426	26,415	1,620,249

產 品 產 量 (續)

Industrial Products (Continued)

業							時 期
TURING							PERIOD
酚甲醛樹脂 Phenolic formaldehyde resin	環氧樹脂 Epoxy resin	PU合成樹脂 PU synthetic resin	工程塑膠 Engineer- ing plastic	苯乙烯丁 二烯橡膠 (SBR)	汽車外胎 Automobile tire	自行車外胎 Bicycle tire	單 位
公 噸 mt	公 噸 mt	公 噸 mt	公 噸 mt	公 噸 mt	千 條 1,000 pcs.	千 條 1,000 pcs.	
12,416	19,515	10,856	25,705	15,530	1,448	2,024	民國 90年 10月
10,350	17,878	11,076	25,090	14,830	1,352	1,881	11月
7,712	15,434	10,966	24,859	15,324	1,390	2,033	12月
7,774	16,006	10,856	25,131	12,031	1,371	2,284	91年 1月
4,964	14,047	6,768	16,576	7,496	1,251	1,630	2月
11,501	21,966	12,576	25,294	17,725	1,555	2,481	3月
12,883	23,889	16,601	29,521	16,180	1,563	2,385	4月
12,274	26,313	17,322	31,458	16,839	1,671	2,414	5月
11,042	20,667	12,945	28,892	15,354	1,573	2,182	6月
12,072	18,921	13,628	29,077	16,046	1,615	2,246	7月
12,553	18,968	13,858	30,935	14,602	1,640	2,172	8月
12,431	22,730	12,136	30,690	12,163	1,638	1,941	9月
11,787	21,665	14,087	30,915	13,514	1,706	2,135	10月
8,099	22,708	15,599	31,211	15,284	1,619	2,064	11月
6,057	20,482	14,649	27,621	16,187	1,597	2,061	12月
7,086	23,425	11,471	27,887	15,559	1,597	2,048	92年 1月
5,694	17,044	11,154	29,482	13,850	1,292	1,653	2月
9,853	25,692	16,238	30,556	10,095	1,714	2,083	3月
8,130	25,333	15,290	27,735	16,432	1,720	1,771	4月
6,751	21,472	14,579	27,303	14,777	2,028	1,966	5月
7,657	17,052	13,194	26,487	14,464	1,974	1,829	6月
10,136	21,374	13,650	30,441	17,048	1,886	1,912	7月

業							時 期
TURING							PERIOD
預拌混凝土 Ready-mixed concrete	耐 火 磚 Fire brick	鋼 胚 (錠) Steel ingot	盤元線材 Wire rod	鋼 筋 Re-bar	其他型鋼 Other steel section	熱軋鋼捲板 H. R. steel & coll	單 位
千立方公尺 1,000 m ³	公 噸 mt	公 噸 mt	公 噸 mt	公 噸 mt	公 噸 mt	公 噸 mt	
2,887	3,697	1,468,548	221,227	464,850	104,048	878,609	民國 90年 10月
3,096	3,921	1,482,693	198,891	493,549	111,461	957,890	11月
3,290	4,156	1,499,602	215,381	571,143	96,165	843,344	12月
3,230	4,176	1,560,581	201,718	599,927	106,798	888,462	91年 1月
2,500	3,312	1,339,492	169,923	412,561	114,254	845,823	2月
3,059	3,867	1,595,877	227,876	617,425	139,104	1,016,136	3月
3,144	4,340	1,522,484	242,993	615,935	120,591	1,029,261	4月
3,149	3,824	1,571,927	234,102	643,014	132,367	1,094,556	5月
3,142	3,627	1,500,371	223,574	552,657	120,804	965,899	6月
3,043	2,755	1,503,676	230,372	602,887	129,474	1,106,908	7月
3,228	3,220	1,468,617	212,384	579,934	134,705	1,050,804	8月
3,195	3,873	1,475,788	212,426	540,805	123,894	1,165,916	9月
3,775	3,311	1,580,132	227,879	639,641	134,748	1,112,940	10月
3,440	3,456	1,513,943	184,314	618,371	119,554	1,085,234	11月
3,547	3,654	1,607,368	207,451	578,296	146,372	1,189,741	12月
3,664	3,104	1,627,941	245,721	587,393	148,951	1,056,792	92年 1月
2,331	3,429	1,426,926	176,944	438,860	146,913	1,061,934	2月
3,260	4,499	1,691,148	241,130	575,510	180,135	1,024,249	3月
2,985	3,577	1,534,522	245,147	504,476	142,562	1,085,823	4月
3,200	3,915	1,555,721	218,544	457,846	124,860	1,159,083	5月
2,720	4,345	1,444,778	206,272	417,543	123,751	1,116,918	6月
3,121	4,041	1,494,713	210,678	452,756	133,908	1,132,991	7月

3. 主 要 工 業

Output of Principal

時 期 PERIOD	製 造 MANUFAC-						
	冷 軋 鋼 捲 板 C.R. sheet & coil	冷 軋 不 鏽 鋼 板、捲 C.R. stainless sheet & coil	熱 軋 不 鏽 鋼 板、捲 H.R. stainless sheet & coil	鋼 管 Steel tube & pipe	鑄 鐵 件 Casting iron products	鑄 鋼 件 Casting steel products	電 氣 鋼 片 Electrical steel
Unit	公 噸 mt	公 噸 mt	公 噸 mt	公 噸 mt	公 噸 mt	公 噸 mt	公 噸 mt
2001 Oct.	449,316	53,886	82,409	87,175	20,208	3,829	23,823
Nov.	423,930	60,452	95,957	84,998	22,763	3,809	19,179
Dec.	429,761	60,442	94,564	89,508	23,192	4,441	7,470
2002 Jan.	438,295	65,997	96,740	84,322	20,340	4,613	18,290
Feb.	380,425	55,902	74,719	56,943	15,002	2,987	19,448
Mar.	489,171	76,670	106,735	91,689	20,919	4,942	25,334
Apr.	474,115	72,553	102,820	92,185	22,005	4,848	30,139
May	518,556	73,510	104,901	91,607	25,773	4,585	32,389
June	457,467	74,747	99,214	88,810	23,962	5,117	25,641
July	550,670	72,312	100,576	84,325	25,249	4,509	29,725
Aug.	521,113	76,007	100,224	79,905	23,842	3,778	31,269
Sept.	503,032	71,402	99,605	83,286	23,447	3,727	27,182
Oct.	520,449	79,233	97,800	83,727	27,813	4,486	31,523
Nov.	505,767	72,577	91,213	82,084	24,646	4,100	32,966
Dec.	501,330	70,631	89,693	84,961	27,178	4,527	38,970
2003 Jan.	502,452	74,780	100,506	86,557	26,055	4,552	33,736
Feb.	473,648	69,306	85,971	71,151	20,744	3,686	32,288
Mar.	548,929	75,315	99,574	88,173	27,993	4,998	39,577
Apr.	539,447	73,136	107,678	82,960	25,147	4,907	43,439
May	476,162	74,130	108,171	75,772	28,941	5,112	48,006
June	457,651	67,106	105,723	76,549	30,338	5,013	46,307
July	509,591	74,734	96,081	92,336	27,653	4,961	44,041

時 期 PERIOD	製 造 MANUFAC-						
	金 屬 罐 Metal cans	一 般 車 床 General lathe	鑽 床 Drilling machine	其 他 切 削 工 具 機 Other machine tool	家 庭 用 縫 紉 機 Sewing machines for home use	工 業 用 縫 紉 機 Sewing machines for industrial use	塑 膠 射 出 成 型 機 Plastic injection moulding machine
Unit	千 只 1,000 pcs.	臺 set	臺 set	臺 set	臺 set	臺 set	臺 set
2001 Oct.	316,158	566	5,423	54,042	184,178	16,234	631
Nov.	244,383	528	4,435	40,148	165,018	14,681	563
Dec.	202,629	598	5,480	34,660	154,467	15,695	500
2002 Jan.	234,485	568	7,272	41,422	167,713	19,125	519
Feb.	207,710	410	2,511	39,075	132,115	15,465	511
Mar.	314,297	636	5,394	51,923	175,740	33,484	661
Apr.	387,576	732	5,590	49,428	176,682	30,807	730
May	401,854	778	4,553	47,001	197,315	32,135	854
June	394,276	650	3,835	32,313	204,779	29,590	707
July	450,620	677	3,325	42,245	222,577	30,017	757
Aug.	426,566	741	3,820	43,139	199,834	28,095	790
Sept.	382,842	612	5,041	46,644	177,457	25,589	873
Oct.	336,293	679	3,668	37,478	175,580	32,988	890
Nov.	231,461	719	3,705	51,024	155,857	30,915	749
Dec.	243,323	732	6,887	34,020	144,660	21,983	826
2003 Jan.	272,995	651	4,212	24,693	147,818	29,376	700
Feb.	243,404	622	3,374	16,778	111,739	21,778	539
Mar.	339,684	894	7,392	23,958	139,172	36,059	696
Apr.	312,960	978	5,352	16,759	125,475	34,937	779
May	379,534	950	3,558	12,939	140,619	29,827	832
June	351,758	894	2,660	14,463	151,630	26,187	755
July	472,552	877	4,651	12,676	173,506	36,421	787

產 品 產 量 (續)

Industrial Products (Continued)

業 TURING							時 期
鋼 纜 Steel rope	鋁 及 鋁 合 金 錠 Aluminium & aluminium alloy ingots	鋁 鑄 品 Aluminium casting	鋁 片 Aluminium sheet	鋁 擠 型 Aluminium extrusion	螺 絲、螺 帽 Screw and nut	鋼 鐵 釘 Nail	PERIOD
公 噸 mt	公 噸 mt	公 噸 mt	公 噸 mt	公 噸 mt	公 噸 mt	公 噸 mt	單 位
2,550	15,555	2,799	10,607	9,830	83,505	7,234	民國 90年 10月
2,779	15,137	3,011	9,351	10,380	86,033	6,860	11月
3,034	11,384	2,822	10,066	10,200	86,123	7,230	12月
4,126	13,769	3,027	11,004	9,444	90,374	7,394	91年 1月
3,521	10,556	2,000	9,459	6,752	69,481	5,468	2月
4,718	16,985	3,735	11,720	10,019	96,383	6,696	3月
4,673	17,479	3,526	10,483	10,503	95,308	7,463	4月
4,643	19,105	3,710	12,687	10,512	100,654	8,174	5月
5,089	15,640	3,568	11,898	10,350	91,413	8,086	6月
5,406	16,561	3,737	12,051	11,129	98,984	7,499	7月
6,291	16,106	3,827	12,986	12,171	102,615	8,078	8月
5,471	17,316	4,111	10,839	11,316	95,149	5,757	9月
6,215	14,452	4,169	11,035	11,990	95,442	6,791	10月
5,722	15,119	3,922	10,846	12,121	100,265	7,106	11月
6,602	15,594	3,798	12,012	12,179	102,792	7,946	12月
5,694	15,392	3,653	12,058	10,908	103,111	9,301	92年 1月
5,390	12,453	2,710	10,179	8,740	80,377	8,908	2月
6,688	17,406	3,696	12,249	11,864	102,761	8,471	3月
6,079	16,077	4,079	12,088	12,038	104,899	11,147	4月
7,085	15,935	3,499	12,297	10,844	101,233	11,051	5月
5,942	14,283	3,345	11,325	12,013	91,425	10,191	6月
6,718	15,207	3,959	12,091	12,103	95,972	9,729	7月

業 TURING							時 期
木 工 鋸 床 Sawing machine for wood working	空 氣 壓 縮 機 Air compressor	冷 媒 壓 縮 機 Refrigerant compressor	發 動 機 Motors	微 型 電 動 機 (3W以下) Miniature motor	高 低 壓 配 電 盤 High-low voltage switch board	斷 路 器 Circuit braker	PERIOD
臺 set	臺 set	臺 set	臺 set	千 只 1,000 pcs.	臺 set	臺 set	單 位
221,418	10,701	188,430	411,757	12,672	2,807	1,137,487	民國 90年 10月
133,210	11,031	208,308	393,293	11,826	3,499	1,188,378	11月
93,016	9,502	204,093	387,585	12,335	3,461	1,099,509	12月
122,143	7,862	255,771	438,439	18,542	2,402	1,126,868	91年 1月
88,884	9,325	227,837	366,902	11,169	1,802	1,125,709	2月
155,336	10,586	331,426	622,068	14,924	3,431	2,043,509	3月
170,852	9,852	340,646	606,045	15,171	1,916	1,643,979	4月
179,589	12,453	335,160	650,466	14,041	1,881	1,231,332	5月
134,523	13,039	219,477	519,839	12,955	1,539	1,090,387	6月
180,846	13,018	111,449	460,468	14,965	1,924	1,312,106	7月
229,385	11,737	145,093	425,456	13,009	2,097	1,061,616	8月
236,155	12,137	184,692	385,927	14,104	2,084	1,402,941	9月
239,893	11,596	226,411	441,074	12,973	3,695	1,238,898	10月
178,003	11,267	251,193	423,148	12,460	1,997	1,094,362	11月
110,317	10,201	312,135	486,299	13,246	1,996	1,133,112	12月
153,928	11,380	310,181	479,085	10,864	2,018	1,043,626	92年 1月
87,497	8,799	253,319	416,802	9,388	1,636	747,911	2月
141,114	10,973	351,141	596,771	12,008	1,924	975,762	3月
204,743	10,029	321,388	666,901	11,688	1,776	1,034,244	4月
142,367	11,018	346,811	669,030	11,157	2,020	1,229,482	5月
117,846	11,571	241,185	569,790	10,609	1,493	1,258,499	6月
135,955	12,205	141,016	471,720	11,745	1,521	1,152,917	7月

3. 主 要 工 業

Output of Principal

時 期 PERIOD	製 造 MANUFAC-						
	電子線 Electronic wire	電力用電 線及電纜 Power wire & cable	通訊用電 線及電纜 Communication wire & cable	窗型冷氣機 Window type air conditioners	汽車冷 氣 機 Car-air- conditioner	電 冰 箱 Refrigerator	洗 衣 機 Washing machine
Unit	公 噸 mt	公 噸 mt	公 噸 mt	臺 set	臺 set	臺 set	臺 set
2001 Oct.	7,507	21,535	7,284	47,531	19,586	37,230	26,832
Nov.	6,054	18,262	5,384	33,507	31,094	33,918	26,313
Dec.	4,858	17,795	6,979	37,934	27,367	30,802	30,806
2002 Jan.	8,526	19,027	4,811	74,465	29,031	37,764	34,850
Feb.	5,701	13,528	3,404	82,662	19,474	29,688	20,096
Mar.	11,871	26,182	6,687	183,916	33,724	31,089	17,374
Apr.	12,050	21,947	5,759	222,052	36,282	38,894	21,965
May	12,179	22,520	7,602	225,611	42,006	42,821	18,345
June	9,057	26,887	4,882	197,817	39,073	44,016	18,415
July	7,278	26,984	4,745	139,414	40,490	56,868	13,020
Aug.	7,858	25,250	5,197	64,728	29,170	56,071	23,473
Sept.	9,118	21,616	5,381	25,511	33,204	46,191	26,857
Oct.	11,126	20,193	5,891	45,382	38,935	37,722	25,629
Nov.	7,368	18,986	7,178	45,629	38,856	39,808	28,373
Dec.	7,569	24,137	4,630	55,806	40,646	33,619	26,308
2003 Jan.	6,244	21,884	4,185	77,608	40,101	45,615	25,486
Feb.	6,454	18,364	3,555	134,724	28,226	26,888	17,527
Mar.	8,529	25,845	5,470	193,206	38,425	27,149	19,253
Apr.	7,846	22,448	3,861	220,951	42,884	38,235	19,895
May	6,414	21,514	4,691	222,072	42,224	41,237	23,476
June	5,743	20,038	4,828	206,438	38,175	47,851	17,582
July	8,450	23,424	4,920	197,984	33,839	63,346	15,711

時 期 PERIOD	製 造 MANUFAC-						
	監 視 器 Monitor	鍵 盤 Key board	影像掃描器 Colorimage scanner	滑 鼠 Mouse	網路連接器 Internetwork	主 機 板 Mother board	介 面 卡 Interface cards
Unit	臺 set	臺 set	臺 set	個 set	個 set	片 pcs.	片 pcs.
2001 Oct.	737,877	94,193	100,669	95,382	353,633	5,227,131	6,792,376
Nov.	760,997	67,390	54,095	93,236	431,811	5,046,620	6,908,743
Dec.	665,189	53,036	67,998	94,125	386,917	3,785,368	5,505,754
2002 Jan.	558,286	86,437	52,006	108,387	395,091	4,407,135	6,196,087
Feb.	474,482	53,741	32,149	58,832	488,810	3,540,615	4,829,642
Mar.	617,489	61,961	57,695	85,238	631,999	3,968,776	4,984,629
Apr.	589,152	76,198	67,653	83,243	504,252	3,489,125	5,010,897
May	489,423	66,281	40,716	52,815	438,015	3,517,229	5,274,284
June	456,262	191,362	44,982	68,196	465,799	3,174,465	5,086,541
July	461,620	151,949	33,385	72,170	405,623	3,703,211	5,480,988
Aug.	453,170	168,766	37,557	62,344	516,547	3,641,140	5,202,537
Sept.	413,419	119,072	21,820	44,266	570,028	4,185,990	5,662,635
Oct.	500,480	112,150	47,725	28,642	670,124	4,830,407	6,706,538
Nov.	492,061	76,990	38,065	53,737	552,024	4,237,161	6,313,116
Dec.	503,722	76,988	36,684	37,621	495,205	3,739,570	6,610,191
2003 Jan.	462,369	66,781	52,970	41,093	561,353	4,531,451	7,121,323
Feb.	419,769	69,290	49,472	67,259	766,280	3,612,755	5,369,785
Mar.	374,404	69,944	57,504	24,858	933,456	4,121,261	6,146,638
Apr.	443,716	70,967	49,798	34,387	515,427	3,387,842	6,229,991
May	392,393	82,739	54,333	16,096	803,712	3,173,044	5,849,372
June	389,575	63,569	60,273	18,896	727,382	3,218,793	5,507,842
July	358,251	74,618	42,223	33,758	750,018	3,488,576	6,482,325

產 品 產 量 (續)

Industrial Products (Continued)

業							時 期 PERIOD
TURING							
電子保溫電鍋 Electronic rice cooker	電風扇 Electric fan	桌上型電腦 Desktop computer	可攜式電腦 Portable computer	電子計算機 Electronic calculator	光碟片 Computer disk	電腦終端機 Computer terminal	單 位
臺 set	臺 set	臺 set	臺 set	臺 set	千 片 1,000 pcs.	臺 set	
41,197	1,437,247	175,971	1,480,777	...	586,909	31,408	民國 90年 10月
57,023	1,135,133	144,574	1,495,933	...	597,353	65,954	11月
59,097	1,147,733	132,847	1,306,078	...	500,731	51,378	12月
79,327	1,417,211	92,552	1,184,799	...	459,112	35,193	91年 1月
39,782	1,402,322	110,701	1,061,971	...	366,667	17,829	2月
40,455	2,588,971	99,060	1,410,062	...	548,073	41,132	3月
37,718	2,637,050	83,306	1,252,476	...	503,293	19,961	4月
33,002	2,931,426	74,269	1,386,125	12,335	570,893	31,799	5月
30,542	2,261,053	63,458	1,323,393	...	563,472	35,345	6月
41,128	1,457,525	63,380	1,073,533	...	584,438	30,715	7月
37,518	1,449,381	78,234	1,024,849	...	557,266	34,332	8月
33,188	1,181,535	89,026	1,118,453	...	585,945	39,077	9月
44,357	1,120,930	68,823	1,272,422	...	655,501	31,908	10月
50,239	1,104,466	64,646	1,366,605	...	619,238	46,941	11月
54,766	946,056	41,467	1,147,873	...	623,511	43,751	12月
67,101	1,184,654	31,258	960,736	...	642,725	26,351	92年 1月
40,878	1,131,922	23,478	996,217	...	530,544	31,885	2月
44,189	1,970,691	30,907	918,114	...	626,340	42,678	3月
21,204	2,328,495	28,999	821,730	9,425	553,704	19,789	4月
32,250	2,598,892	29,173	713,272	...	619,701	16,590	5月
39,450	2,414,660	29,266	930,643	...	682,934	30,960	6月
40,591	1,589,961	34,326	825,130	...	708,126	20,064	7月

業							時 期 PERIOD
TURING							
電視機 T. V. sets	錄放影機 Video tape recorders	電話機 Telephone set	交換機 Telephone exchangers	數據機 Modem	代工晶圓 Foundry wafer	構裝IC IC package	單 位
臺 set	臺 set	臺 set	門 set	臺 set	千 只 1,000 pcs.	千 只 1,000 pcs.	
89,078	4,443	90,680	44,801	5,084,343	413	735,323	民國 90年 10月
87,093	4,734	47,079	38,308	5,199,504	396	792,095	11月
79,996	4,702	49,856	190,467	4,186,635	411	759,916	12月
104,547	3,253	43,279	102,300	4,656,357	415	756,458	91年 1月
58,641	2,425	5,194	103,670	3,802,779	385	668,659	2月
80,692	2,475	25,975	129,776	4,546,442	493	944,725	3月
70,179	1,542	9,617	4,517	5,016,971	532	955,127	4月
67,102	2,474	10,890	13,619	4,502,006	594	970,804	5月
63,154	1,534	6,120	22,450	4,141,802	613	958,283	6月
82,377	2,719	11,059	82	2,908,436	639	1,018,864	7月
84,904	2,141	19,106	18,840	3,091,616	602	981,519	8月
96,427	2,447	10,388	63	4,150,990	542	977,962	9月
110,263	2,430	10,895	201	4,166,174	533	1,074,905	10月
104,183	3,348	31,519	1,023	4,130,043	539	1,042,783	11月
92,286	3,096	53,227	476	3,318,779	527	1,104,679	12月
125,175	3,174	56,582	1,036	3,561,155	497	1,029,446	92年 1月
70,178	2,315	53,465	1,592	2,827,483	513	889,024	2月
66,898	1,820	14,549	701	3,469,612	623	1,134,701	3月
65,278	1,225	32,511	741	3,203,922	653	1,192,295	4月
75,346	1,695	33,839	1,422	2,778,692	706	1,156,394	5月
88,554	1,995	25,585	505	2,771,850	712	1,097,957	6月
110,697	2,157	9,564	699	2,560,533	724	1,232,781	7月

3. 主 要 工 業

Output of Principal

時 期 PERIOD	製 造 MANUFACTURING						
	IC(已包裝) 積體電路 Integrated circuit	二極體 Diode	電 晶 體 Transistors	發光二極體 Light emitting diode	發光二極體 顯示元件 Diodes display	電子電容器 Electronic condenser	電源供應器 Power supplies
Unit	千 只 1,000 pcs.	千 只 1,000 pcs.	千 只 1,000 pcs.	千 只 1,000 pcs.	千 只 1,000 pcs.	千 只 1,000 pcs.	只 pcs.
2001 Oct.	447,718	708,116	113,583	239,555	1,985	11,570,951	2,615,710
Nov.	425,047	574,884	133,100	231,753	1,755	11,999,427	2,839,054
Dec.	463,008	561,338	159,027	224,485	1,792	11,154,447	2,296,645
2002 Jan.	462,272	559,267	123,403	290,268	2,102	11,022,535	2,498,137
Feb.	392,467	421,097	130,696	255,944	2,431	8,968,056	1,714,482
Mar.	499,206	733,170	197,714	293,662	1,843	12,726,411	2,378,709
Apr.	562,429	683,440	150,135	305,309	1,329	14,067,556	2,358,010
May	565,955	654,588	175,699	348,124	1,299	14,415,156	2,629,275
June	517,477	812,447	225,397	284,365	707	12,578,099	2,127,182
July	553,178	660,279	199,309	420,646	1,993	13,838,572	1,965,828
Aug.	479,651	681,458	187,894	395,256	1,255	13,129,624	1,856,459
Sept.	484,325	731,451	237,995	433,421	1,875	12,400,950	2,100,924
Oct.	502,017	545,877	288,534	544,155	1,621	13,354,257	2,380,502
Nov.	465,575	493,240	306,477	551,615	1,919	12,661,253	2,398,492
Dec.	457,626	584,990	300,036	542,790	1,979	11,812,551	2,469,935
2003 Jan.	400,959	521,650	260,106	540,540	1,814	13,636,422	1,823,993
Feb.	398,202	577,430	273,179	531,891	1,714	11,561,126	1,297,539
Mar.	492,674	861,448	433,290	641,142	3,017	15,784,445	1,687,619
Apr.	541,580	663,646	403,905	631,830	1,435	16,679,639	1,615,894
May	560,275	711,858	384,551	548,591	1,264	15,387,427	1,556,857
June	497,919	719,470	339,193	506,630	1,346	12,812,216	1,578,448
July	582,600	673,047	283,689	491,633	1,420	15,818,947	1,519,077

時 期 PERIOD	製 造 業 MANUFACTURING			水 電 燃 ELECTRICITY,			
	金屬模具 Metal mould	印刷電路板 Printed circuit board	汽車零件 Automobile part & accessory	電 力 Electric power			
Unit	百 萬 元 NT\$ million	百 萬 元 NT\$ million	百 萬 元 NT\$ million	合 計 Total	水 力 Hydro	火 力 Thermal	核 能 Nuclear
2001 Oct.	3,672.5	14,690.5	11,156.2	15,014	844	8,799	2,918
Nov.	2,955.9	14,461.0	10,745.3	13,771	634	7,881	2,901
Dec.	3,568.8	11,903.0	10,004.9	13,856	548	8,042	2,853
2002 Jan.	2,916.6	12,913.9	11,653.6	13,834	470	7,459	3,469
Feb.	2,739.0	10,907.1	8,155.3	11,761	453	6,186	3,136
Mar.	3,234.3	15,065.4	12,733.2	14,721	538	8,497	3,139
Apr.	3,363.9	15,009.8	12,778.5	15,236	501	9,403	2,815
May	4,163.0	15,741.5	13,713.3	16,543	479	9,116	2,944
June	3,498.1	13,997.0	12,647.4	16,929	514	9,351	3,313
July	3,742.1	14,689.3	13,503.0	18,216	708	9,820	3,568
Aug.	3,741.3	14,004.9	12,029.2	18,413	631	11,411	3,582
Sept.	3,582.8	13,803.8	13,164.2	16,426	514	10,155	3,092
Oct.	3,547.1	15,359.2	13,845.5	16,177	575	9,918	3,162
Nov.	3,411.3	14,660.6	14,243.8	14,700	472	8,802	2,959
Dec.	4,198.0	14,133.4	14,658.6	14,954	461	9,051	2,830
2003 Jan.	5,086.5	13,228.7	14,989.8	14,551	468	7,829	3,529
Feb.	2,968.6	11,920.2	11,295.8	12,738	452	6,845	3,168
Mar.	3,880.8	15,113.9	14,840.0	15,049	504	8,966	2,949
Apr.	3,695.4	14,039.9	14,818.8	15,590	560	9,926	2,646
May	3,841.5	13,833.8	14,334.7	16,802	591	10,804	2,703
June	3,914.6	13,173.1	13,053.3	16,845	696	10,055	3,229
July	4,428.7	14,676.5	13,983.9	19,883	706	12,385	3,515

產 品 產 量 (續)

Industrial Products (Continued)

業							時 期
TURING							PERIOD
液晶顯元件 Liquid crystal display	貨櫃船 Container ship	大汽車 Truck & bus	小汽車 Passenger car	機 車 Motorcycle	自行車 Bicycle	照相機 Camera	單 位
千 只 1,000 pcs.	載 噸 D. W. T.	輛 set	輛 set	輛 set	輛 set	臺 set	
31,823	20,650	218	24,515	79,407	390,680	231,315	民國 90年 10月
30,875	21,969	139	24,164	69,366	391,397	203,729	11月
26,607	18,159	158	21,381	54,239	369,170	125,895	12月
29,095	21,096	177	26,398	69,740	399,478	123,878	91年 1月
21,468	14,196	214	15,192	47,572	361,832	91,283	2月
33,820	20,040	391	26,718	72,903	486,984	177,338	3月
33,218	24,487	342	26,978	76,518	387,757	193,051	4月
31,497	27,190	306	30,332	79,306	366,057	187,274	5月
25,652	25,148	303	27,867	79,874	341,936	144,368	6月
30,409	26,262	333	30,289	90,766	385,863	166,318	7月
28,947	29,596	222	20,837	83,950	376,719	188,718	8月
28,235	31,424	214	26,082	83,850	346,789	209,140	9月
28,852	29,672	234	31,867	76,587	427,508	216,692	10月
27,759	27,868	230	31,687	70,150	387,123	191,295	11月
30,178	25,632	241	32,272	51,392	408,425	154,651	12月
25,541	17,501	282	35,348	81,132	453,865	129,999	92年 1月
15,994	7,165	199	20,112	65,103	364,583	110,601	2月
23,052	7,664	353	33,897	104,076	467,805	107,194	3月
21,456	8,487	428	30,498	104,531	427,505	89,099	4月
22,711	8,294	512	30,355	106,498	341,314	72,296	5月
21,733	9,357	471	29,276	87,902	327,523	71,982	6月
24,519	10,983	384	35,852	100,390	386,036	110,240	7月

氣 業		房 屋 建 築 業					時 期
GAS & WATER		HOUSING & BUILDING CONSTRUCTION					PERIOD
液化石油氣 Liquified petroleum gas	自來水 City water	鋼骨鋼筋 混 凝 土 Steelled concrete	鋼筋混凝土 Reinforced concrete	住宅用房屋 Residential building	商業用房屋 Stores & mercantile building	工業用房屋 Industrial building	單 位
公 噸 mt	千立方公尺 1,000 m ³	千平方公尺 1,000 m ²					
81,240	344,074	563	1,721	786	447	434	民國 90年 10月
72,207	337,089	560	2,014	757	571	494	11月
83,121	341,977	409	1,495	515	281	361	12月
94,169	342,701	311	1,653	729	249	396	91年 1月
86,805	307,055	384	1,111	496	316	203	2月
95,263	335,930	464	1,301	588	210	363	3月
81,442	323,369	268	1,309	763	152	227	4月
76,111	291,885	585	1,429	661	399	482	5月
69,225	299,163	297	1,465	710	169	359	6月
88,626	317,643	418	1,189	566	328	319	7月
73,773	330,144	352	1,630	572	241	194	8月
80,506	319,480	321	1,039	569	147	191	9月
108,384	329,236	245	1,240	598	212	253	10月
92,737	317,134	265	1,612	631	474	160	11月
90,125	325,512	491	1,711	857	410	216	12月
150,853	328,295	459	1,906	910	603	253	92年 1月
125,344	296,820	224	698	280	169	99	2月
130,560	321,261	428	1,468	787	249	179	3月
108,295	315,224	375	1,122	560	251	226	4月
104,415	327,792	693	1,341	638	177	339	5月
110,013	315,385	601	1,559	959	548	322	6月
102,329	336,406	441	1,921	1,153	264	240	7月

4. 工 業 Power Consumption

Unit: 1,000 k.w.h.

時 期 PERIOD	合 計 Total	礦業土石 採 取 業 Mining & Quarrying	製 造 業					
			小 計 Subtotal	食 品 Food	紡 織 Textiles	木材及木 製 品 Wood & Wood Products	紙 及 紙 製 品 Paper & Paper Products	基 本 化 學 工 業 Basic Industrial Chemicals
1986	38,487,089	267,653	32,676,149	1,799,960	5,667,620	557,169	2,016,043	1,262,445
1987	41,873,029	234,889	35,266,409	1,975,681	6,084,009	605,925	2,198,918	1,280,171
1988	45,221,434	208,562	37,662,630	2,144,886	6,355,317	601,567	2,365,864	1,274,138
1989	47,463,812	181,706	38,997,742	2,203,464	6,419,258	549,954	2,360,319	1,240,249
1990	50,226,413	170,917	40,697,646	2,352,596	6,303,556	504,316	2,355,933	1,195,581
1991	53,957,847	177,078	43,273,474	2,552,503	6,708,767	484,883	2,458,729	1,173,799
1992	56,371,482	191,075	44,511,971	2,373,474	6,654,064	454,366	2,314,294	1,123,532
1993	59,285,750	203,832	45,783,772	2,461,907	6,591,409	399,219	2,174,126	1,173,223
1994	63,308,171	213,304	48,340,400	2,553,001	6,952,330	399,862	2,267,999	1,240,833
1995	66,888,705	209,830	50,792,335	2,629,478	6,844,025	389,016	2,332,302	1,313,963
1996	69,890,941	184,263	52,558,096	2,648,611	7,102,619	380,711	2,199,552	1,345,125
1997	75,973,543	189,676	57,073,017	2,613,601	7,471,106	386,460	2,169,542	1,420,079
1998	80,984,843	353,166	59,090,446	2,411,966	7,539,857	406,054	2,077,603	1,378,453
1999	84,700,492	333,890	61,981,666	2,385,287	7,757,061	392,172	2,021,931	1,458,788
2000	92,506,028	318,887	67,378,329	2,542,384	7,958,853	391,360	2,141,733	1,530,909
2001	92,564,742	293,289	66,127,460	2,513,706	7,441,795	336,086	1,995,262	1,435,696
2002	98,108,746	367,144	69,696,373	2,647,907	7,369,801	321,596	2,056,542	1,500,561
2001 Oct.	8,267,095	24,879	5,893,895	222,247	641,928	27,287	171,949	134,197
Nov.	7,528,505	27,101	5,498,402	212,456	593,906	27,757	173,456	126,727
Dec.	7,361,455	26,413	5,068,745	188,055	534,876	25,407	159,157	80,350
2002 Jan.	7,421,193	31,459	5,412,352	201,139	568,878	25,560	174,300	117,969
Feb.	6,074,414	20,630	4,400,750	165,110	451,679	19,806	137,182	108,205
Mar.	7,677,712	27,631	5,624,122	199,537	607,843	25,172	169,200	123,093
Apr.	7,903,360	28,224	5,738,335	204,078	631,301	25,826	175,988	125,581
May	8,980,325	29,975	6,349,686	240,491	717,623	29,114	184,650	132,132
June	8,354,818	26,729	5,814,038	227,207	643,709	27,899	176,128	115,112
July	8,995,911	32,388	6,320,468	250,581	683,231	29,350	180,262	125,314
Aug.	9,069,395	32,686	6,259,172	257,184	658,664	30,886	178,412	133,412
Sept.	8,581,538	34,281	5,931,567	233,053	611,163	28,243	168,137	129,720
Oct.	8,733,349	34,672	6,157,402	237,472	652,632	31,966	175,738	132,959
Nov.	8,303,841	33,596	5,868,374	224,179	580,286	22,899	166,571	127,238
Dec.	8,012,889	34,874	5,820,107	207,875	562,791	24,874	169,973	129,828
2003 Jan.	7,670,506	34,398	5,690,282	204,328	606,637	24,754	172,330	122,609
Feb.	6,843,438	28,269	4,859,519	178,348	412,464	20,998	152,370	118,100
Mar.	8,326,846	36,730	6,208,934	202,454	608,917	25,505	206,587	139,045
Apr.	8,367,750	33,798	6,046,232	213,936	619,581	25,865	190,392	122,799
May	8,564,177	35,907	6,069,326	231,602	656,849	26,858	172,294	131,846
June	8,807,216	35,589	6,189,064	237,426	613,915	27,134	172,574	134,127
July	9,365,655	37,848	6,490,057	259,205	645,196	28,692	179,258	129,665
Aug.	9,405,050	35,488	6,499,348	296,273	622,661	29,875	176,209	129,063
Sept.	9,641,964	35,478	6,651,865	218,317	657,403	28,713	181,234	136,776

Source: The data are provided by the Taiwan Power Company, R.O.C.

用 電 量 by Industry

單位：千度

MANUFACTURING						營 造 業 Construc- -tion	公 用 事 業 Public Utilities	其 他 Others	時 期	
其 他 化 學 工 業 Other Chemical Products	水 泥 Cement	鋼 鐵 基 本 工 業 Iron & Steel	鋁 Aluminum	金 屬 製 品 Metal Products	其 他 Miscella- neous				PERIOD	
5,690,001	1,772,620	2,913,986	72,047	1,692,005	9,232,253	45,886	629,566	4,867,835	民國	75年
5,791,350	1,767,308	2,861,348	65,037	1,966,635	10,670,027	114,089	679,546	5,578,096		76年
6,119,182	1,978,296	2,990,702	66,815	2,241,806	11,524,057	192,751	719,287	6,438,204		77年
6,146,132	2,043,477	3,369,661	73,312	2,372,464	12,219,452	220,659	778,887	7,284,818		78年
6,541,806	2,083,716	3,811,426	80,816	2,511,927	12,955,973	261,033	803,676	8,293,141		79年
6,547,390	2,120,647	4,188,395	99,707	2,866,144	14,072,510	286,138	855,723	9,365,434		80年
6,572,048	2,170,933	4,535,423	107,745	3,056,899	15,149,193	383,840	888,481	10,396,115		81年
6,584,519	2,294,667	4,463,821	126,252	3,316,114	16,198,515	481,913	944,591	11,871,641		82年
7,001,779	2,220,397	4,584,158	140,691	3,562,857	17,416,493	568,494	1,007,639	13,178,334		83年
7,269,564	2,151,973	5,108,582	143,286	3,785,936	18,824,210	564,163	1,037,459	14,284,918		84年
7,235,022	2,053,976	5,356,551	143,138	4,002,177	20,090,614	494,493	1,091,264	15,562,825		85年
7,628,059	2,053,288	6,827,388	163,901	4,428,499	21,911,094	491,406	1,143,380	17,076,064		86年
7,521,488	2,079,305	8,620,151	445,457	3,718,443	22,891,669	496,044	1,427,642	19,617,546		87年
7,707,312	1,928,415	8,202,879	489,319	3,975,837	25,662,665	482,273	1,469,038	20,433,624		88年
8,018,606	1,865,617	8,449,171	557,284	4,486,107	29,436,305	489,764	1,831,647	22,487,399		89年
7,759,397	1,925,701	7,816,380	533,424	4,377,901	29,992,112	543,270	2,065,483	23,535,240		90年
7,875,888	1,992,552	8,618,832	561,744	4,845,775	31,905,175	529,890	2,253,487	25,261,852		91年
685,590	151,683	686,134	46,155	374,295	2,752,431	42,757	191,454	2,114,110	90年	10月
652,264	174,307	695,206	46,298	377,346	2,418,678	58,096	189,501	1,755,405		11月
589,741	167,552	624,028	43,030	345,838	2,310,711	55,108	185,479	2,025,711		12月
604,199	177,740	738,493	46,992	361,727	2,395,353	51,885	187,689	1,737,808	91年	1月
514,350	140,071	579,876	37,166	277,112	1,970,193	36,585	176,485	1,439,964		2月
634,139	159,473	731,914	45,895	387,266	2,540,589	44,063	179,707	1,802,189		3月
666,226	163,576	744,124	46,806	391,169	2,563,658	43,071	191,062	1,902,669		4月
729,277	182,294	742,793	49,127	439,913	2,902,273	46,766	200,111	2,353,787		5月
656,084	163,238	657,052	45,520	408,471	2,693,617	43,798	178,902	2,291,350		6月
685,483	165,633	743,183	50,375	443,290	2,963,766	45,266	194,498	2,403,292		7月
709,445	158,876	697,523	49,685	451,249	2,933,837	47,135	194,214	2,536,188		8月
687,219	157,826	687,968	47,334	425,085	2,755,818	44,763	186,177	2,384,750		9月
687,420	170,892	763,646	47,663	430,497	2,826,516	43,382	196,968	2,300,925		10月
661,451	179,489	749,809	46,743	430,795	2,678,916	43,553	190,079	2,168,240		11月
640,595	173,444	782,450	48,439	399,202	2,680,637	39,623	177,596	1,940,690		12月
621,500	164,397	735,297	45,948	400,582	2,591,900	37,637	180,931	1,727,259	92年	1月
581,427	126,867	643,149	41,289	342,316	2,242,188	34,074	185,793	1,735,784		2月
707,571	186,610	802,774	51,378	443,439	2,834,656	37,959	204,009	1,839,214		3月
662,326	166,809	773,562	46,306	424,235	2,800,422	39,140	187,657	2,060,924		4月
637,696	162,876	732,140	47,298	433,956	2,835,909	45,378	195,562	2,218,004		5月
683,521	160,217	765,365	50,558	443,687	2,900,542	41,918	199,366	2,341,278		6月
718,315	171,304	740,213	50,256	404,592	3,163,360	55,962	212,145	2,569,643		7月
702,107	155,916	712,396	48,783	518,644	3,107,421	57,293	204,031	2,608,890		8月
733,273	166,838	777,816	50,854	474,868	3,225,773	57,409	220,096	2,677,116		9月

資料來源：台灣電力公司。

5. 勞 動 力 Labor Force

1. 人 數

Unit: 1,000 persons

時 期 PERIOD	總 人 口 Total Population	民間15歲以上人口 Civilian Population Aged 15 & Over			勞 動 力 Labor Force				
					合 計 Total			就 業	
		計 Total	男 Male	女 Female	計 Total	男 Male	女 Female	計 Total	男 Male
2001 Aug.	22,296	17,208	8,563	8,645	9,896	5,887	4,009	9,384	5,554
Sept.	22,303	17,226	8,571	8,655	9,875	5,875	4,000	9,356	5,535
Oct.	22,316	17,244	8,580	8,664	9,889	5,871	4,018	9,362	5,524
Nov.	22,328	17,262	8,587	8,675	9,919	5,887	4,033	9,395	5,535
Dec.	22,340	17,280	8,595	8,685	9,941	5,898	4,043	9,422	5,545
2002 Jan.	22,348	17,297	8,602	8,695	9,959	5,906	4,053	9,447	5,552
Feb.	22,355	17,313	8,608	8,705	9,928	5,895	4,034	9,420	5,541
Mar.	22,363	17,330	8,617	8,712	9,929	5,881	4,048	9,416	5,532
Apr.	22,373	17,348	8,626	8,723	9,935	5,880	4,055	9,440	5,538
May	22,382	17,364	8,632	8,732	9,951	5,881	4,069	9,451	5,536
June	22,390	17,380	8,639	8,740	9,963	5,893	4,071	9,454	5,545
July	22,400	17,395	8,646	8,749	9,991	5,906	4,085	9,468	5,554
Aug.	22,408	17,411	8,653	8,758	10,010	5,912	4,098	9,474	5,556
Sept.	22,417	17,426	8,659	8,767	9,974	5,899	4,075	9,443	5,547
Oct.	22,429	17,443	8,666	8,777	9,981	5,894	4,087	9,451	5,548
Nov.	22,440	17,459	8,673	8,786	10,002	5,901	4,101	9,480	5,557
Dec.	22,453	17,473	8,679	8,794	10,011	5,902	4,109	9,506	5,563
2003 Jan.	22,461	17,488	8,686	8,802	10,028	5,905	4,123	9,524	5,566
Feb.	22,466	17,501	8,691	8,810	10,019	5,889	4,130	9,500	5,542
Mar.	22,472	17,515	8,697	8,818	10,023	5,880	4,143	9,514	5,544
Apr.	22,477	17,529	8,703	8,826	10,028	5,883	4,145	9,535	5,561
May	22,481	17,542	8,709	8,833	10,022	5,881	4,141	9,523	5,551
June	22,486	17,558	8,716	8,842	10,054	5,900	4,153	9,542	5,564
July	22,492	17,575	8,723	8,851	10,115	5,924	4,191	9,593	5,596

2. 較上年同期增減率(%)

時 期 PERIOD	總 人 口 Total Population	民間15歲以上人口 Civilian Population Aged 15 & Over			勞 動 力 Labor				
					合 計 Total			就 業	
		計 Total	男 Male	女 Female	計 Total	男 Male	女 Female	計 Total	男 Male
2001 Aug.	0.7	1.3	1.1	1.4	0.5	0.1	1.3	-1.5	-2.3
Sept.	0.6	1.3	1.1	1.4	0.7	0.2	1.3	-1.6	-2.3
Oct.	0.6	1.3	1.1	1.4	0.5	0.1	1.2	-1.7	-2.5
Nov.	0.6	1.3	1.1	1.5	0.6	0.1	1.3	-1.6	-2.4
Dec.	0.6	1.3	1.1	1.4	0.7	0.2	1.4	-1.3	-2.2
2002 Jan.	0.5	1.3	1.1	1.4	1.5	0.5	2.9	-0.4	-1.8
Feb.	0.5	1.3	1.1	1.4	1.7	1.0	2.9	0.3	-0.9
Mar.	0.5	1.3	1.1	1.4	1.8	0.9	3.0	0.4	-0.7
Apr.	0.5	1.3	1.1	1.4	2.1	1.1	3.5	1.0	-0.2
May	0.5	1.2	1.1	1.4	2.1	1.4	3.0	1.2	0.4
June	0.5	1.2	1.1	1.4	1.6	1.3	2.2	1.0	0.4
July	0.5	1.2	1.1	1.3	1.4	0.8	2.3	1.0	0.2
Aug.	0.5	1.2	1.1	1.3	1.2	0.4	2.2	1.0	0.0
Sept.	0.5	1.2	1.0	1.3	1.0	0.4	1.9	0.9	0.2
Oct.	0.5	1.2	1.0	1.3	0.9	0.4	1.7	1.0	0.4
Nov.	0.5	1.1	1.0	1.3	0.8	0.2	1.7	0.9	0.4
Dec.	0.5	1.1	1.0	1.3	0.7	0.1	1.6	0.9	0.3
2003 Jan.	0.5	1.1	1.0	1.2	0.7	0.0	1.7	0.8	0.3
Feb.	0.5	1.1	1.0	1.2	0.9	-0.1	2.4	0.8	0.0
Mar.	0.5	1.1	0.9	1.2	0.9	0.0	2.3	1.0	0.2
Apr.	0.5	1.0	0.9	1.2	0.9	0.1	2.2	1.0	0.4
May	0.4	1.0	0.9	1.2	0.7	0.0	1.8	0.8	0.3
June	0.4	1.0	0.9	1.2	0.9	0.1	2.0	0.9	0.3
July	0.4	1.0	0.9	1.2	1.2	0.3	2.6	1.3	0.8

Source: Directorate-General of Budget, Accounting and Statistics, R.O.C., *Monthly Bulletin of Manpower Statistics, Taiwan Area, R.O.C.*

指 標

Indicators

Number

單位：千人

Labor Force				非勞動力 Not in Labor Force	勞動力參與率 (%)			失業率(%) Unemployed Rate (%)	時 期 PERIOD
Employed	失 業 Unemployed				Labor Force Participation Rate (%)				
女 Female	計 Total	男 Male	女 Female		計 Total	男 Male	女 Female		
3,831	512	334	178	7,312	57.5	68.8	46.4	5.2	民國90年 8月
3,820	519	340	179	7,351	57.3	68.5	46.2	5.3	9月
3,838	527	347	180	7,355	57.4	68.4	46.4	5.3	10月
3,860	524	351	173	7,343	57.5	68.6	46.5	5.3	11月
3,877	519	353	166	7,339	57.5	68.6	46.6	5.2	12月
3,895	512	353	158	7,338	57.6	68.7	46.6	5.1	91年 1月
3,879	508	354	154	7,385	57.3	68.5	46.3	5.1	2月
3,885	513	349	164	7,401	57.3	68.2	46.5	5.2	3月
3,902	495	342	153	7,413	57.3	68.2	46.5	5.0	4月
3,915	499	345	154	7,413	57.3	68.1	46.6	5.0	5月
3,910	509	348	161	7,416	57.3	68.2	46.6	5.1	6月
3,914	523	352	171	7,404	57.4	68.3	46.7	5.2	7月
3,918	536	356	180	7,401	57.5	68.3	46.8	5.4	8月
3,896	531	352	179	7,452	57.2	68.1	46.5	5.3	9月
3,903	530	346	184	7,462	57.2	68.0	46.6	5.3	10月
3,923	522	344	178	7,457	57.3	68.0	46.7	5.2	11月
3,943	505	339	166	7,463	57.3	68.0	46.7	5.0	12月
3,958	504	339	165	7,460	57.3	68.0	46.8	5.0	92年 1月
3,959	518	347	171	7,483	57.2	67.8	46.9	5.2	2月
3,970	509	336	173	7,492	57.2	67.6	47.0	5.1	3月
3,974	493	322	171	7,501	57.2	67.6	47.0	4.9	4月
3,972	499	330	169	7,520	57.1	67.5	46.9	5.0	5月
3,977	512	336	176	7,504	57.3	67.7	47.0	5.1	6月
3,997	522	328	194	7,460	57.6	67.9	47.4	5.2	7月

Change from Same Period of Previous Year (%)

Force		時 期 PERIOD
Employed		
女 Female		
-0.3		民國90年 8月
-0.4		9月
-0.5		10月
-0.4		11月
-0.1		12月
1.6		91年 1月
2.0		2月
2.0		3月
2.7		4月
2.4		5月
1.9		6月
2.3		7月
2.3		8月
2.0		9月
1.7		10月
1.6		11月
1.7		12月
1.6		92年 1月
2.1		2月
2.2		3月
1.8		4月
1.5		5月
1.7		6月
2.1		7月

資料來源：行政院主計處編印中華民國臺灣地區人力資源統計月報。

6. 各 業 就 Employment by

Unit: 1,000 persons

時 期 PERIOD	合 計 Total	農、林、 漁、牧業 Agriculture, Forestry, Fishing & Animal Husbandry	工 業 INDUSTRY					小 計 Subtotal	批發及 零售業 Trade
			小 計 Subtotal	礦業及土石 採取業 Mining & Quarrying	製 造 業 Manufacturing	水電燃氣業 Electricity, Gas & Water	營 造 業 Construction		
2001 Sept.	9,356	716	3,324	10	2,549	36	729	5,316	1,663
Oct.	9,362	713	3,310	9	2,544	36	721	5,339	1,647
Nov.	9,395	718	3,307	9	2,537	35	726	5,371	1,643
Dec.	9,422	724	3,302	9	2,531	35	726	5,397	1,659
2002 Jan.	9,447	718	3,316	9	2,540	35	732	5,414	1,672
Feb.	9,420	714	3,319	9	2,551	35	725	5,387	1,678
Mar.	9,416	708	3,326	9	2,562	35	721	5,383	1,691
Apr.	9,440	712	3,335	9	2,564	35	727	5,393	1,699
May	9,451	709	3,341	9	2,565	35	732	5,402	1,702
June	9,454	702	3,353	9	2,570	35	738	5,399	1,696
July	9,468	700	3,346	9	2,570	35	733	5,422	1,713
Aug.	9,474	702	3,331	9	2,564	35	723	5,441	1,716
Sept.	9,443	707	3,320	9	2,555	35	722	5,416	1,695
Oct.	9,451	710	3,325	9	2,564	35	717	5,416	1,690
Nov.	9,480	715	3,329	9	2,575	35	711	5,435	1,685
Dec.	9,506	715	3,344	9	2,583	35	717	5,447	1,676
2003 Jan.	9,524	705	3,340	9	2,582	35	715	5,479	1,686
Feb.	9,500	701	3,334	9	2,584	35	707	5,465	1,686
Mar.	9,514	700	3,331	9	2,587	35	700	5,484	1,695
Apr.	9,535	697	3,322	9	2,584	35	695	5,517	1,703
May	9,523	695	3,318	8	2,577	35	698	5,510	1,695
June	9,542	699	3,331	8	2,585	35	703	5,511	1,693
July	9,593	704	3,345	8	2,594	35	709	5,545	1,705

Source: See Table 5.

7. 各 業 受 雇 員 工 人 數 與 Number and Average Monthly Working

時 期 PERIOD	合 計 Total	礦業及土石採取業 Mining & Quarrying		製 造 業 Manufacturing		水電燃氣業 Electricity, Gas & Water		營 造 業 Construction	
		千 人 1,000 persons	時 數 hours	千 人 1,000 persons	時 數 hours	千 人 1,000 persons	時 數 hours	千 人 1,000 persons	時 數 hours
2001 July	5,579	9	191	2,346	189	36	181	410	183
Aug.	5,551	9	194	2,331	196	36	183	409	187
Sept.	5,514	8	179	2,316	175	36	150	403	172
Oct.	5,482	8	192	2,305	186	35	178	400	184
Nov.	5,470	8	195	2,298	190	35	182	401	184
Dec.	5,463	8	193	2,293	185	36	175	405	183
2002 Jan.	5,447	8	195	2,291	194	35	182	402	185
Feb.	5,434	8	145	2,287	141	35	127	391	136
Mar.	5,433	8	190	2,294	191	35	175	388	182
Apr.	5,435	8	187	2,302	189	35	173	387	181
May	5,437	8	193	2,307	197	35	180	390	184
June	5,454	8	184	2,315	183	35	165	389	176
July	5,495	8	201	2,334	200	35	186	392	183
Aug.	5,507	8	198	2,332	195	35	178	393	179
Sept.	5,497	8	186	2,327	185	35	164	393	172
Oct.	5,497	8	196	2,327	194	35	177	394	181
Nov.	5,505	8	192	2,327	190	35	171	393	177
Dec.	5,522	8	195	2,328	194	35	180	396	182
2003 Jan.	5,520	8	187	2,327	188	35	173	393	178
Feb.	5,505	8	148	2,329	150	35	133	384	139
Mar.	5,512	8	186	2,339	191	35	172	384	177
Apr.	5,506	8	188	2,340	192	35	178	383	180
May	5,500	8	190	2,343	192	35	172	381	179
June	5,504	8	181	2,348	183	35	164	377	170

Source: Directorate-General of Budget, Accounting and Statistics, R.O.C., *Monthly Bulletin of Earnings and Productivity Statistics, Taiwan Area, R.O.C.*

業 人 數 Industry

單位：千人

服 務 業 SERVICES										時 期 PERIOD
住宿及 餐飲業 Accommodation & Eating- drinking places	運輸、倉儲 及 通信業 Transportation, Storage & Commu- nication	金融及 保險業 Finance and Insurance	不動產 及租賃業 Real Estate, Rental and Leasing	專業、科學 及技術 服務業 Professional Scientific & Technical Services	教育服 務業 Educa- tional Services	醫療保健 及社會福 利服務業 Health Care & Social Welfare Services	文化、運 動及休閒 服務業 Cultural, Sporting & Recreational Services	其他 服務業 Other Services	公共行政業 Public Adminis- tration	
518	498	365	70	267	494	264	170	665	342	民國90年 9月
546	494	372	65	268	488	279	167	670	344	10月
558	491	375	61	283	479	287	177	676	341	11月
565	488	379	67	278	478	289	178	675	339	12月
564	485	383	66	283	476	285	186	673	339	91年 1月
570	478	386	57	288	467	277	190	663	332	2月
572	480	380	52	293	470	280	182	658	323	3月
575	474	381	55	294	473	284	176	663	317	4月
579	470	376	61	291	476	279	181	667	320	5月
577	474	379	65	287	481	275	184	660	322	6月
578	476	381	61	285	486	270	187	658	327	7月
573	479	378	65	281	493	273	191	662	329	8月
577	481	372	60	277	498	276	183	667	331	9月
573	478	374	60	274	504	277	180	672	333	10月
575	477	372	60	279	509	284	186	671	337	11月
581	473	367	64	284	505	289	185	681	341	12月
587	471	372	61	285	506	293	182	689	346	92年 1月
585	470	376	58	290	502	292	177	681	348	2月
579	475	382	62	292	499	289	173	686	350	3月
582	479	388	60	289	503	292	178	693	352	4月
576	481	384	61	291	505	288	180	696	352	5月
575	486	385	64	288	503	288	185	692	353	6月
577	490	378	68	280	511	286	191	682	376	7月

資料來源：同表5。

每人每月平均工作時數 Hours of Employees by Industry

批發零售及餐飲業 Trade & Eating- drinking Places		運輸倉儲及通信業 Transport, Storage & Communications		金融保險及不動產業 Financing, Insurance, Real Estate		工商服務業 Business Services		社會服務及個人服務業 Community, Social & Personal Services		時 期 PERIOD
千 人 1,000 persons	時 數 hours	千 人 1,000 persons	時 數 hours	千 人 1,000 persons	時 數 hours	千 人 1,000 persons	時 數 hours	千 人 1,000 persons	時 數 hours	
1,379	184	325	183	440	172	222	176	412	188	民國90年 7月
1,370	189	323	191	441	183	221	186	411	193	8月
1,364	172	322	165	441	155	216	163	408	179	9月
1,355	180	320	181	437	170	217	176	405	185	10月
1,354	182	318	185	434	175	218	180	404	187	11月
1,352	181	317	180	432	170	217	175	403	186	12月
1,350	185	312	186	427	176	218	178	404	189	91年 1月
1,357	136	310	133	424	122	220	130	402	149	2月
1,356	178	311	180	421	165	218	173	402	186	3月
1,355	177	311	179	418	169	218	175	401	183	4月
1,352	185	310	188	417	177	219	183	399	191	5月
1,362	173	312	173	416	164	218	169	399	180	6月
1,375	188	312	191	416	184	219	190	404	195	7月
1,382	185	314	186	417	178	219	188	407	193	8月
1,380	175	313	178	418	168	218	176	405	183	9月
1,379	183	313	187	416	178	218	182	407	190	10月
1,381	178	314	179	417	170	221	177	409	186	11月
1,390	183	314	185	419	180	223	183	409	190	12月
1,390	177	313	178	422	171	225	176	407	185	92年 1月
1,387	144	310	142	419	134	227	140	406	154	2月
1,383	177	309	178	420	169	227	174	407	185	3月
1,381	180	308	181	418	176	227	184	406	185	4月
1,376	180	306	176	418	171	229	181	404	183	5月
1,377	171	305	171	419	164	233	171	402	177	6月

資料來源：行政院主計處編印中華民國臺灣地區薪資與生產力統計月報。

8. 各業受雇員工每 Average Monthly Earnings

Unit: N.T.\$

時期 PERIOD	礦業及土石採取業 Mining & Quarrying	製造業 Manufacturing	水電燃氣業 Electricity, Gas & Water	營造業 Construction
2001 July	40,530	35,184	65,234	35,736
Aug.	39,298	34,785	67,243	35,498
Sept.	40,774	35,474	66,917	35,138
Oct.	40,637	34,702	231,584	37,295
Nov.	41,106	34,154	73,026	35,900
Dec.	43,801	37,178	105,162	36,318
2002 Jan.	55,914	53,284	135,593	41,630
Feb.	64,747	49,883	126,593	42,123
Mar.	40,949	34,759	67,770	34,998
Apr.	40,482	35,188	69,334	35,476
May	40,368	35,557	109,594	36,336
June	41,040	36,023	69,852	35,447
July	42,295	36,025	67,691	35,872
Aug.	41,687	34,898	102,358	36,100
Sept.	45,750	35,541	102,437	35,833
Oct.	41,314	34,995	66,242	35,715
Nov.	40,743	34,578	68,223	35,597
Dec.	40,799	38,090	107,773	36,904
2003 Jan.	70,761	69,791	185,543	51,669
Feb.	77,340	36,782	68,148	33,859
Mar.	40,883	35,214	68,892	35,086
Apr.	40,995	35,289	68,676	35,921
May	41,799	36,294	112,488	36,982
June	41,494	35,593	67,822	35,124

Source: See Table 7.

9. 各業受雇員工 Indices of Average Earnings

Base: 1996=100

時期 PERIOD	礦業及土石採取業 Mining & Quarrying	製造業 Manufacturing	水電燃氣業 Electricity, Gas & Water	營造業 Construction
2001 July	107.24	103.79	84.42	99.76
Aug.	103.98	102.61	87.02	99.10
Sept.	107.88	104.64	86.59	98.09
Oct.	107.52	102.37	299.68	104.11
Nov.	108.76	100.75	94.50	100.22
Dec.	115.89	109.67	136.08	101.39
2002 Jan.	147.94	157.18	175.46	116.22
Feb.	171.32	147.15	163.82	117.59
Mar.	108.35	102.53	87.70	97.70
Apr.	107.11	103.80	89.72	99.04
May	106.81	104.89	141.82	101.44
June	108.59	106.26	90.39	98.96
July	111.91	106.27	87.60	100.14
Aug.	110.30	102.94	132.46	100.78
Sept.	121.05	104.84	132.56	100.03
Oct.	109.31	103.23	85.72	99.70
Nov.	107.80	102.00	88.28	99.37
Dec.	107.95	112.36	139.46	103.02
2003 Jan.	187.23	205.87	240.10	144.24
Feb.	204.64	108.50	88.19	94.52
Mar.	108.17	103.88	89.15	97.95
Apr.	108.47	104.10	88.87	100.28
May	110.60	107.06	145.56	103.24
June	109.79	104.99	87.76	98.05

Source: See Table 7.

人每月平均薪資 of Employees by Industry

單位：新臺幣元

批發零售及餐飲業 Trade & Eating- drinking Places	運輸倉儲及通信業 Transport, Storage & Communications	金融保險及不動產業 Financing, Insurance, Real Estate	工商服務業 Business Services	社會服務及個人服務業 Community, Social & Personal Services	時 期 PERIOD
34,164	58,380	54,827	45,946	38,835	民國90年 7月
34,119	69,456	59,759	46,940	39,601	8月
34,697	44,172	52,880	48,877	39,467	9月
34,466	45,036	49,343	45,309	39,677	10月
34,341	45,593	48,949	45,356	39,219	11月
38,466	48,481	57,054	56,376	40,341	12月
45,791	70,093	85,977	49,361	47,551	91年 1月
51,424	67,483	83,863	68,562	59,331	2月
34,694	47,135	57,207	45,666	39,331	3月
35,128	44,269	59,430	46,499	38,807	4月
34,978	45,456	55,938	45,090	38,489	5月
34,945	45,971	60,063	46,998	40,328	6月
34,855	44,783	54,098	50,372	40,656	7月
34,109	58,102	62,592	45,933	39,145	8月
34,781	62,454	54,340	45,942	40,308	9月
33,808	44,213	51,140	44,590	39,416	10月
33,809	44,511	49,853	45,057	38,747	11月
38,407	50,940	61,128	47,235	39,670	12月
65,523	85,427	122,382	75,969	64,597	92年 1月
35,320	46,478	54,579	46,575	44,197	2月
34,807	48,275	48,473	44,610	41,054	3月
34,955	43,864	54,903	44,530	41,056	4月
34,738	43,640	51,740	46,129	40,309	5月
34,494	44,925	55,523	44,899	40,595	6月

資料來源：同表7。

平均薪資指數 of Employees by Industry

基期：民國85年=100

批發零售及餐飲業 Trade & Eating- drinking Places	運輸倉儲及通信業 Transport, Storage & Communications	金融保險及不動產業 Financing, Insurance, Real Estate	工商服務業 Business Services	社會服務及個人服務業 Community, Social & Personal Services	時 期 PERIOD
101.84	129.48	102.98	102.25	110.94	民國90年 7月
101.70	154.05	112.25	104.46	113.13	8月
103.43	97.97	99.33	108.77	112.75	9月
102.74	99.88	92.68	100.83	113.35	10月
102.37	101.12	91.94	100.94	112.04	11月
114.66	107.53	107.17	125.46	115.25	12月
136.50	155.46	161.49	109.85	135.84	91年 1月
153.29	149.67	157.52	152.58	169.50	2月
103.42	104.54	107.45	101.63	112.36	3月
104.71	98.18	111.63	103.48	110.86	4月
104.27	100.82	105.07	100.34	109.96	5月
104.17	101.96	112.82	104.59	115.21	6月
103.90	99.32	101.61	112.10	116.15	7月
101.68	128.86	117.57	102.22	111.83	8月
103.68	138.52	102.07	102.24	115.15	9月
100.78	98.06	96.06	99.23	112.60	10月
100.78	98.72	93.64	100.27	110.69	11月
114.49	112.98	114.82	105.12	113.33	12月
195.32	189.47	229.87	169.06	184.54	92年 1月
105.29	103.08	102.52	103.65	126.26	2月
103.76	107.07	91.05	99.28	117.28	3月
104.20	97.29	103.13	99.10	117.29	4月
103.55	96.79	97.18	102.66	115.16	5月
102.82	99.64	104.29	99.92	115.97	6月

資料來源：同表7。

10. 製造業受雇員工

Indices of Labor Productivity

Base: 1996=100

時期 PERIOD	製造業 Manufacturing	食品及飲料製造業 Food and beverages manufacturing	菸草製造業 Tobacco manufacturing	紡織業 Textile mill products	成衣服飾品及其他紡織製品製造業 Apparel, accessory & textile products	皮革、毛皮及其製品製造業 Leather, fur and related products	木竹製品製造業 Wood & bamboo products	家具及裝設品製造業 Furniture & fixtures products
1992 Ave.	82.65	88.01	87.23	84.38	130.75	112.29	132.85	113.33
1993 Ave.	85.38	89.61	92.08	86.26	116.46	103.36	128.30	105.94
1994 Ave.	88.36	93.72	93.25	91.13	104.73	102.28	108.86	102.52
1995 Ave.	94.86	97.63	114.46	93.50	103.29	96.68	98.62	99.36
1996 Ave.	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1997 Ave.	106.96	96.04	102.88	104.56	96.70	90.66	96.31	96.29
1998 Ave.	111.69	96.41	112.02	107.85	103.61	90.55	90.30	94.11
1999 Ave.	119.56	95.32	107.97	110.94	101.73	85.12	78.72	96.23
2000 Ave.	126.88	95.57	90.57	111.82	94.21	79.07	66.29	95.49
2001 Ave.	131.97	104.77	97.00	115.60	87.91	72.99	67.75	76.31
2002 Ave.	142.08	99.96	92.53	114.72	87.73	81.12	62.80	62.84
2001 July	124.86	101.05	91.70	112.39	96.51	75.14	60.98	65.41
Aug.	127.61	102.96	94.58	110.36	101.28	71.03	66.09	67.94
Sept.	134.65	103.83	90.11	111.93	96.05	70.22	69.19	65.69
Oct.	140.82	106.07	101.27	115.29	87.74	70.53	71.29	71.86
Nov.	135.63	101.70	111.56	109.70	81.29	71.04	68.05	76.13
Dec.	136.92	109.63	111.28	109.51	94.05	74.95	75.35	74.73
2002 Jan.	131.47	106.75	101.51	110.77	80.55	72.17	60.14	68.28
Feb.	150.83	118.96	80.34	122.32	93.16	66.20	60.69	65.63
Mar.	144.92	104.39	88.27	122.17	82.22	76.87	60.58	67.54
Apr.	144.46	102.43	73.11	125.81	80.86	81.84	60.99	61.35
May	144.18	98.25	103.34	122.25	82.92	86.57	60.89	60.83
June	144.52	98.35	99.94	114.31	91.65	89.52	62.86	57.96
July	134.12	96.11	86.73	106.48	89.67	78.79	59.25	54.25
Aug.	137.30	100.45	92.09	107.96	99.60	80.78	65.66	59.14
Sept.	142.91	98.79	97.97	112.04	97.13	82.37	62.24	58.02
Oct.	143.87	91.55	102.05	113.76	84.05	80.93	63.01	61.96
Nov.	145.59	91.99	93.35	111.92	81.44	82.47	72.96	68.45
Dec.	143.75	97.20	88.32	109.00	90.38	91.25	65.49	71.10
2003 Jan.	143.93	104.80	103.24	109.32	92.60	83.02	58.93	67.35
Feb.	154.29	95.76	99.68	116.99	78.37	88.33	57.56	61.66
Mar.	145.40	96.11	115.16	115.04	77.80	87.27	55.48	60.02
Apr.	139.74	90.04	90.81	110.25	74.74	82.21	60.19	58.39
May	140.28	91.48	90.35	109.04	69.39	87.91	52.79	54.21
June	145.14	87.28	91.14	111.57	81.81	91.50	50.36	52.63

Source: See Table 7.

勞動生產力指數

in Manufacturing Industry

基期：民國85年=100

紙漿、紙及紙 製品製造業	印刷及 有關事業	化學材料 製造業	化學製品 製造業	石油及煤製 品製造業	橡膠製品 製造業	塑膠製品 製造業	非金屬礦物 製品製造業	時 期
Pulp & paper products	Printing & kindred products	Industrial chemicals	Chemical products	Petroleum & coal products	Rubber products	Plastic products	Nonmetallic mineral products	PERIOD
97.45	103.40	72.97	85.33	68.38	98.15	96.69	86.00	民國 81年 平均
93.73	105.51	77.27	85.53	76.64	93.15	97.50	89.42	82年 平均
95.65	99.79	89.92	91.82	75.58	92.50	98.63	90.95	83年 平均
96.76	102.45	95.11	94.27	90.21	98.39	93.01	98.16	84年 平均
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	85年 平均
105.28	100.21	106.61	108.96	112.03	96.90	102.96	107.82	86年 平均
105.10	110.28	109.71	110.49	123.64	94.77	99.47	112.86	87年 平均
106.86	99.90	106.75	109.52	136.88	93.87	103.07	111.47	88年 平均
108.10	105.64	113.74	109.38	143.02	93.50	97.94	111.57	89年 平均
110.71	115.32	135.61	106.14	168.29	92.71	97.65	117.98	90年 平均
112.56	111.92	148.50	108.82	194.22	104.14	105.07	120.86	91年 平均
109.55	113.25	132.70	97.94	148.17	89.35	94.21	112.46	90年 7月
109.48	123.50	132.90	102.45	158.45	88.74	96.57	116.34	8月
107.47	125.39	149.48	102.15	183.34	88.56	96.46	111.73	9月
115.22	127.88	148.30	111.06	183.04	96.51	100.11	121.83	10月
113.33	110.11	133.04	105.64	156.16	94.61	97.22	119.50	11月
114.97	112.90	134.67	105.32	164.08	96.04	101.75	126.88	12月
115.31	118.68	131.66	104.20	166.53	93.08	106.58	116.82	91年 1月
106.08	133.81	168.70	109.87	187.94	102.79	110.79	126.02	2月
125.99	111.63	152.04	112.74	180.81	111.77	111.21	117.64	3月
122.28	110.77	158.26	112.15	179.62	107.00	114.98	121.01	4月
111.55	98.06	149.95	111.77	190.65	105.63	109.55	121.61	5月
112.30	103.69	145.53	107.93	198.14	106.17	101.32	126.36	6月
107.84	99.12	137.78	104.78	195.53	96.98	100.18	113.85	7月
109.98	109.42	149.57	106.20	216.71	99.61	102.31	115.93	8月
107.71	120.30	147.34	108.05	208.83	103.18	98.78	121.08	9月
109.27	126.43	143.54	111.84	207.42	106.55	100.88	126.38	10月
112.11	106.29	151.55	109.70	205.85	107.61	102.34	122.33	11月
110.03	111.45	152.32	107.01	194.17	109.55	102.81	123.32	12月
110.23	105.53	158.68	112.39	215.39	115.02	104.38	122.90	92年 1月
114.51	120.74	179.05	115.46	224.17	109.78	105.89	117.83	2月
119.26	142.63	147.40	119.19	199.60	115.31	109.16	122.23	3月
116.38	111.69	138.03	118.17	190.65	117.01	103.12	117.91	4月
113.79	105.68	148.43	124.68	228.03	115.20	99.63	119.99	5月
115.41	115.23	165.20	114.18	235.28	117.69	100.64	116.00	6月

資料來源：同表7。

10. 製造業受雇員工勞動生產力指數 (續)

Indices of Labor Productivity in Manufacturing

Industry(Continued)

Base: 1996=100

基期：民國85年=100

時期	金屬基本工業	金屬製品製造業	機械設備製造修配業	電力及電子機械器材製造修配業	運輸工具製造修配業	精密器械製造業	其他工業製品製造業	時期
PERIOD	Primary metal industries	Fabricated metal products	Machinery except electrical equipment	Electrical and electronic equipment	Transportation equipment	Precision equipment	Other industrial products	PERIOD
1992 Ave.	82.17	102.38	94.94	70.22	103.22	99.05	92.89	民國 81年 平均
1993 Ave.	85.80	93.99	91.01	77.34	100.50	103.70	92.88	82年 平均
1994 Ave.	87.87	93.66	92.45	82.79	99.70	105.71	88.36	83年 平均
1995 Ave.	91.90	99.97	95.56	93.69	102.36	104.30	95.42	84年 平均
1996 Ave.	100.00	100.00	100.00	100.00	100.00	100.00	100.00	85年 平均
1997 Ave.	116.74	99.80	104.27	113.06	102.33	96.43	101.38	86年 平均
1998 Ave.	126.41	97.04	97.98	123.94	105.43	89.71	96.03	87年 平均
1999 Ave.	139.47	97.85	100.17	145.29	100.06	103.17	91.94	88年 平均
2000 Ave.	141.60	95.93	107.59	159.43	105.68	125.16	96.84	89年 平均
2001 Ave.	144.16	89.61	99.54	163.58	104.91	124.89	105.89	90年 平均
2002 Ave.	159.17	90.53	109.48	178.71	119.19	147.57	104.55	91年 平均
2001 July	136.44	87.57	90.87	153.18	103.48	119.96	94.58	90年 7月
Aug.	137.31	87.59	91.12	159.46	100.16	116.18	102.49	8月
Sept.	145.14	89.54	95.58	170.76	103.38	122.66	111.30	9月
Oct.	142.31	91.46	95.61	184.96	109.56	133.37	110.74	10月
Nov.	145.32	85.79	94.78	179.59	110.19	121.67	109.47	11月
Dec.	147.40	85.85	114.84	175.01	101.98	141.61	109.06	12月
2002 Jan.	147.27	82.71	92.80	164.71	107.67	123.44	90.99	91年 1月
Feb.	170.04	91.42	104.68	188.83	109.00	130.30	107.52	2月
Mar.	161.64	91.11	96.64	188.16	119.95	126.34	103.73	3月
Apr.	162.78	88.88	102.84	182.78	120.69	146.12	108.07	4月
May	162.89	92.51	108.51	184.70	126.25	151.98	105.03	5月
June	162.93	90.84	120.54	182.54	123.57	154.70	105.80	6月
July	154.02	91.90	102.08	166.62	118.30	133.58	93.46	7月
Aug.	153.44	93.34	115.08	166.79	107.43	151.33	98.95	8月
Sept.	161.72	95.44	109.01	178.55	116.70	155.58	106.04	9月
Oct.	159.98	87.52	115.26	181.40	124.06	162.87	108.90	10月
Nov.	156.47	89.51	120.87	184.88	125.26	166.63	118.91	11月
Dec.	160.50	91.58	124.52	175.90	128.30	163.78	109.73	12月
2003 Jan.	162.09	93.09	105.74	171.93	134.71	162.32	108.33	92年 1月
Feb.	177.13	88.77	106.02	191.12	122.63	177.09	110.53	2月
Mar.	165.44	87.25	113.29	182.81	129.19	154.75	106.95	3月
Apr.	159.12	89.18	115.33	172.10	126.23	156.72	114.35	4月
May	158.37	85.90	112.28	174.36	122.39	156.78	106.10	5月
June	158.13	85.97	120.51	180.90	120.96	160.08	106.25	6月

11. 製造業受雇員工單位產出勞動成本指數

Indices of Unit Labor Costs in Manufacturing Industry

Base: 1996=100

基期：民國85年=100

時 期	製 造 業	食 品 及 飲 料 製 造 業	菸 草 製 造 業	紡 織 業	成 衣 服 飾 品 及 其 他 紡 織 製 品 製 造 業	皮 革、毛 皮 及 其 製 品 製 造 業	木 竹 製 品 製 造 業	時 期
PERIOD	Manufacturing	Food and beverages manufacturing	Tobacco manufacturing	Textile mill products	Apparel, accessory & textile products	Leather, fur and related products	Wood & bamboo products	PERIOD
1992 Ave.	95.64	91.52	99.48	103.49	66.29	63.76	57.50	民國 81年 平均
1993 Ave.	99.18	95.55	93.41	106.88	77.99	78.55	66.19	82年 平均
1994 Ave.	101.89	97.53	102.44	102.34	90.48	85.67	84.97	83年 平均
1995 Ave.	100.83	98.00	84.28	105.69	96.29	95.97	98.56	84年 平均
1996 Ave.	100.00	100.00	100.00	100.00	100.00	100.00	100.00	85年 平均
1997 Ave.	97.42	109.64	102.34	103.46	108.58	111.92	106.09	86年 平均
1998 Ave.	97.88	112.72	86.08	103.04	106.65	118.73	122.34	87年 平均
1999 Ave.	94.16	119.44	94.90	100.69	112.43	128.50	141.05	88年 平均
2000 Ave.	91.55	120.90	119.34	102.12	123.54	139.29	168.79	89年 平均
2001 Ave.	93.64	118.10	132.98	104.45	141.37	158.34	175.95	90年 平均
2002 Ave.	85.42	122.41	151.03	102.73	150.69	144.61	195.44	91年 平均
2001 July	88.72	103.57	88.28	96.63	118.12	142.75	174.79	90年 7月
Aug.	83.00	103.63	186.12	95.02	108.30	147.38	158.65	8月
Sept.	89.71	113.78	100.07	106.71	124.95	166.24	168.93	9月
Oct.	79.01	105.87	93.23	97.87	134.08	158.13	160.93	10月
Nov.	79.02	105.85	80.33	98.66	145.52	151.27	161.50	11月
Dec.	87.67	120.52	76.06	101.89	134.56	152.05	151.38	12月
2002 Jan.	125.20	160.49	419.55	135.99	193.16	226.93	238.95	91年 1月
Feb.	139.90	180.85	231.00	152.26	267.30	292.40	334.21	2月
Mar.	74.97	106.55	95.18	90.33	146.77	127.37	187.12	3月
Apr.	76.96	107.93	115.78	88.29	149.36	126.62	189.43	4月
May	74.53	114.93	77.25	87.49	137.83	118.64	184.91	5月
June	81.27	117.84	192.85	98.74	132.98	123.61	191.69	6月
July	80.14	109.86	159.07	98.98	131.74	133.39	180.58	7月
Aug.	77.81	101.48	105.20	97.96	119.75	135.46	165.88	8月
Sept.	79.89	111.07	101.92	100.86	130.59	140.07	184.89	9月
Oct.	74.64	114.45	93.78	96.45	145.40	135.33	182.95	10月
Nov.	74.58	115.64	104.28	98.00	151.59	135.38	162.54	11月
Dec.	81.64	131.42	109.52	103.12	140.26	125.34	178.69	12月
2003 Jan.	153.88	201.22	448.04	162.58	248.01	287.57	337.88	92年 1月
Feb.	95.11	150.96	122.49	125.52	203.88	170.58	261.04	2月
Mar.	75.81	112.22	86.84	95.73	159.90	127.09	209.54	3月
Apr.	78.33	117.33	107.99	99.67	161.05	136.13	188.55	4月
May	80.29	116.78	107.17	100.58	169.56	126.05	216.36	5月
June	79.79	136.97	113.91	101.10	156.11	129.06	229.74	6月

Source: See Table 7.

資料來源：同表7。

11. 製造業受雇員工單

Indices of Unit Labor Costs

Base: 1996=100

時 期	家具及裝設 品 製 造 業	紙漿、紙 及紙製品 製造業	印刷及有 關事業	化學材料 製造業	化學製品 製造業	石油及煤製 品製造業	橡膠製品 製造業	塑膠製品 製造業
PERIOD	Furniture & fixtures products	Pulp & paper products	Printing & kindred products	Industrial chemicals	Chemical products	Petroleum & coal products	Rubber products	Plastic products
1992 Ave.	71.95	84.69	76.69	106.72	91.90	118.57	83.83	78.39
1993 Ave.	82.63	91.38	82.03	101.32	94.81	108.02	92.09	85.00
1994 Ave.	90.72	95.69	88.45	89.87	96.89	121.90	97.57	89.11
1995 Ave.	97.20	102.42	94.75	97.53	98.30	108.77	97.68	101.64
1996 Ave.	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1997 Ave.	106.40	96.90	101.85	94.13	93.97	102.20	107.08	100.43
1998 Ave.	113.39	98.89	93.55	94.07	97.88	94.81	112.73	110.39
1999 Ave.	111.58	98.97	105.12	99.51	102.16	97.96	119.71	111.60
2000 Ave.	118.95	103.71	101.78	96.46	103.14	89.16	122.29	118.23
2001 Ave.	156.75	107.91	98.89	89.00	116.93	77.44	129.13	125.18
2002 Ave.	178.93	98.63	92.78	79.60	111.39	65.37	116.11	118.97
2001 July	164.54	95.07	86.86	76.57	122.08	69.36	121.49	114.85
Aug.	154.19	91.07	77.59	75.19	95.25	64.36	117.58	109.64
Sept.	172.81	98.20	82.21	80.24	116.66	63.49	129.22	132.16
Oct.	154.45	87.73	77.99	71.07	95.76	60.71	117.93	113.21
Nov.	136.45	87.73	87.88	75.21	96.26	67.84	113.51	112.18
Dec.	144.77	89.17	92.42	85.69	115.54	98.96	116.33	112.72
2002 Jan.	211.01	156.94	118.94	132.00	193.12	126.57	169.73	191.54
Feb.	272.29	163.91	131.39	111.66	174.65	78.68	218.25	174.11
Mar.	158.67	79.39	84.98	67.13	95.71	60.73	100.96	98.12
Apr.	169.87	86.25	86.91	68.60	94.77	63.28	106.39	98.26
May	164.92	84.99	93.63	68.87	93.51	53.19	102.45	102.16
June	182.38	93.12	105.50	85.30	104.98	54.91	109.67	124.01
July	187.87	85.50	91.51	73.60	98.31	56.71	107.63	106.54
Aug.	172.94	89.47	81.26	68.15	93.02	56.32	107.77	106.42
Sept.	181.87	91.34	79.85	76.20	101.92	52.85	107.75	117.26
Oct.	167.91	91.58	72.56	70.73	89.86	49.96	100.10	106.82
Nov.	150.51	88.57	85.83	68.95	93.83	52.82	100.85	107.70
Dec.	149.40	92.46	87.15	74.67	124.39	89.05	100.22	107.65
2003 Jan.	273.24	157.48	154.70	176.16	191.84	85.05	187.56	259.99
Feb.	219.32	110.23	94.77	81.43	120.06	59.18	120.32	138.15
Mar.	175.30	84.26	64.40	71.83	88.98	61.90	94.93	102.50
Apr.	178.72	88.04	80.36	77.62	87.82	54.25	92.96	109.39
May	191.34	88.26	86.31	77.67	83.81	48.72	91.10	114.31
June	200.67	93.43	82.20	72.43	94.46	46.75	95.13	115.09

位產出勞動成本指數(續) In Manufacturing Industry (Continued)

基期：民國85年=100

非金屬礦物 製品製造業	金屬基 本工業	金屬製品 製造業	機械設備製 造修配業	電力及電子 機械器材製 造修配業	運輸工具製 造修配業	精密器械 製造業	其他工業 製品製造業	時 期
Nonmetallic mineral products	Primary metal industries	Fabricated metal products	Machinery except electrical equipment	Electrical and electronic equipment	Transportation equipment	Precision equipment	Other industrial products	PERIOD
99.44	108.01	80.14	85.10	105.97	83.45	77.09	81.21	民國 81年 平均
100.93	106.27	92.39	92.94	105.45	91.52	79.21	86.88	82年 平均
103.90	108.32	98.78	97.20	107.21	94.69	84.44	99.59	83年 平均
100.13	107.11	97.20	101.08	100.23	94.06	86.63	100.34	84年 平均
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	85年 平均
96.01	88.00	104.26	97.94	91.62	105.65	111.70	103.32	86年 平均
96.12	86.23	112.08	109.76	88.67	107.91	126.41	112.56	87年 平均
97.26	84.00	110.52	108.72	78.47	115.60	110.30	120.33	88年 平均
99.95	86.11	115.60	105.83	74.84	108.96	96.22	118.73	89年 平均
101.09	93.11	128.94	119.38	76.92	115.80	103.19	119.91	90年 平均
98.36	78.89	123.88	105.43	70.23	94.78	87.52	120.13	91年 平均
97.15	87.54	119.62	115.64	74.61	103.71	101.35	138.69	90年 7月
90.25	75.12	116.37	110.64	67.74	110.39	94.73	110.12	8月
107.82	83.91	124.41	120.37	75.01	107.09	121.41	112.88	9月
89.71	80.99	117.12	111.51	61.17	95.37	86.35	105.69	10月
88.40	79.16	120.59	108.81	60.06	91.27	89.30	103.20	11月
85.68	113.15	133.17	96.17	66.07	122.45	92.19	107.21	12月
138.10	95.34	156.92	145.63	103.28	145.52	119.77	201.33	91年 1月
161.30	124.04	231.01	223.15	118.85	177.39	197.04	210.59	2月
91.79	69.53	113.69	106.69	59.47	82.78	86.35	107.90	3月
89.34	74.12	117.52	103.53	62.67	83.86	78.23	106.69	4月
87.39	69.75	108.93	96.52	60.00	77.54	74.67	105.15	5月
88.85	75.99	119.89	91.13	65.73	86.03	81.45	112.78	6月
92.18	74.14	108.54	99.82	69.07	82.38	83.73	117.17	7月
91.32	70.67	107.20	88.86	67.19	95.03	75.44	106.41	8月
97.77	71.84	111.68	100.29	66.92	88.19	89.68	110.89	9月
85.97	69.77	117.29	88.28	60.64	80.41	68.27	101.49	10月
87.84	71.90	114.37	85.72	60.20	80.50	69.07	94.91	11月
87.49	90.79	115.98	87.39	65.26	94.83	78.45	106.54	12月
164.54	127.30	225.06	205.27	128.63	161.72	147.08	228.14	92年 1月
118.78	100.43	150.51	136.08	78.57	112.83	87.22	135.11	2月
89.08	69.56	118.83	90.63	62.45	78.25	76.05	105.27	3月
94.52	72.08	116.14	88.67	65.37	79.12	75.74	100.44	4月
93.66	72.97	120.85	94.68	69.72	85.54	79.40	105.11	5月
101.99	75.22	126.76	89.19	65.99	94.12	75.19	108.83	6月

12. 國 際 收

Balance of

Unit: US\$ million

ITEM	民國88年 1999	民國89年 2000	民國90年 2001	民國91年 2002
A. Current Account	8,384	8,905	17,921	25,678
Goods: Exports f.o.b	121,119	147,548	122,079	129,850
Goods: Imports f.o.b	-106,077	-133,529	-101,898	-105,080
Balance on Goods	15,042	14,019	20,181	24,770
Services: Credit	17,259	19,952	19,495	21,208
Services: Debit	-24,405	-26,930	-24,700	-25,161
Balance on Goods and Services	7,896	7,041	14,976	20,817
Income: Credit	6,965	9,166	9,327	10,336
Income: Debit	-4,160	-4,698	-3,648	-2,983
Balance on Goods, Services and Income	10,701	11,509	20,655	28,170
Current Transfers: Credit	3,126	3,202	3,607	2,621
Current Transfers: Debit	-5,443	-5,806	-5,341	-5,113
B. Capital Account*	-173	-287	-163	-139
Capital Account: Credit	...	...	...	1
Capital Account: Debit	-173	-287	-163	-140
Total, Groups A plus B	8,211	8,618	17,758	25,539
C. Financial Account*	9,220	-8,019	-384	8,410
Direct Investment Abroad	-4,420	-6,701	-5,480	-4,886
Direct Investment In Taiwan, R.O.C.	2,926	4,928	4,109	1,445
Portfolio Investment (Assets)	-4,835	-10,087	-12,427	-15,711
Equity Securities	-5,058	-9,265	-9,358	-10,949
Debt Securities	223	-822	-3,069	-4,762
Portfolio Investment (Liabilities)	13,914	9,559	11,136	6,274
Equity Securities	14,765	8,489	11,298	3,296
Debt Securities	-851	1,070	-162	2,978
Other Investment (Assets)	2,334	-8,368	-1,770	12,020
Monetary Authorities	...	...	...	...
General Government	-11	-13	8	2
Banks	-923	-10,105	-7,341	3,022
Other Sectors	3,268	1,750	5,563	8,996
Other Investment (Liabilities)	-699	2,650	4,048	9,268
Monetary Authorities	...	...	...	...
General Government	-7	-7	-4	-5
Banks	-4,645	-1,705	636	4,677
Other Sectors	3,953	4,362	3,416	4,596
Total, Groups A through C	17,431	599	17,374	33,949
D. Net Errors and Omissions	1,162	1,878	-21	-285
Total, Groups A through D	18,593	2,477	17,353	33,664
E. Reserves and Related Items	-18,593	-2,477	-17,353	-33,664
Reserve Assets	-18,593	-2,477	-17,353	-33,664
Use of Fund Credit and Loans	-	-	-	-
Exceptional Financing	-	-	-	-

* Excludes components that have been classified in the categories of Group E.

Source: The Central Bank of China, R.O.C., *Financial Statistics Monthly, Taiwan District, R.O.C.*

支 平 衡 表

Payments

單位：百萬美元

民國91年7-9月 July-Sept. 2002	民國91年10-12月 Oct.-Dec. 2002	民國92年1-3月 Jan.-Mar. 2003	民國92年4-6月 Apr.-June 2003	項 目
5,040	7,851	7,439	6,582	A. 經常帳
33,082	34,854	32,300	34,140	商品出口(f.o.b.)
-28,334	-27,344	-26,810	-28,461	商品進口(f.o.b.)
4,748	7,510	5,490	5,679	商品貿易淨額
5,509	5,672	5,580	5,038	勞務：收入
-6,576	-6,577	-6,317	-5,897	勞務：支出
3,681	6,605	4,753	4,820	商品與勞務收支淨額
2,962	2,712	3,725	3,224	所得：收入
-962	-854	-440	-823	所得：支出
5,681	8,463	8,038	7,221	商品、勞務與所得收支淨額
673	617	642	615	經常移轉：收入
-1,314	-1,229	-1,241	-1,254	經常移轉：支出
-28	-27	-17	-22	B. 資本帳*
1	...	...	...	資本帳：收入
-29	-27	-17	-22	資本帳：支出
5,012	7,824	7,422	6,560	合計，A 加 B
3,019	-4,245	-1,296	-2,092	C. 金融帳*
-922	-1,664	-1,074	-1,087	對外直接投資
433	656	232	327	外資來臺直接投資
-4,030	-3,660	-7,575	-12,456	證券投資(資產)
-3,189	-2,645	-3,766	-8,351	股權證券
-841	-1,015	-3,809	-4,105	債權證券
-1,964	1,263	2,100	5,313	證券投資(負債)
-2,554	1,144	1,214	4,953	股權證券
590	119	886	360	債權證券
10,157	-2,630	2,696	2,661	其他投資(資產)
...	...	...	...	貨幣當局
2	1	2	8	政府
7,627	-5,545	1,517	1,140	銀行
2,528	2,914	1,177	1,513	其他部門
-655	1,790	2,325	3,150	其他投資(負債)
0	0	0	0	貨幣當局
8	-10	3	-6	政府
-1,842	614	2,063	2,660	銀行
1,179	1,186	259	496	其他部門
8,031	3,579	6,126	4,468	合計，A 至 C
951	-1,310	-225	1,353	D. 誤差與遺漏淨額
8,982	2,269	5,901	5,821	合計，A 至 D
-8,982	-2,269	-5,901	-5,821	E. 準備與相關項目
-8,982	-2,269	-5,901	-5,821	準備資產
-	-	-	-	基金信用的使用及自基金的借款
-	-	-	-	特殊融資

*剔除已列入項目E之範圍。

資料來源：中央銀行編印中華民國臺灣地區金融統計月報。

13. 進 出 口

Indices of

時 期 PERIOD	定 基 指 數 INDEX OF FIXED BASE PERIOD						(Base:2001=100)	
	價值指數 Value Index		數量指數 Quantum Index		單位價值指數 Unit Value Index		純貿易條件 Net Terms	所得貿易條件 Income
	出 口 Exports	進 口 Imports	出 口 Exports	進 口 Imports	出 口 Exports	進 口 Imports	of Trade	Terms of Trade
1992 Ave.	49.49	50.20	76.17	69.45	64.97	72.28	89.89	68.47
1993 Ave.	54.11	56.22	79.27	72.79	68.26	77.24	88.37	70.05
1994 Ave.	59.36	62.49	83.95	73.76	70.71	84.72	83.46	70.07
1995 Ave.	71.28	75.78	88.00	80.66	81.00	93.95	86.22	75.87
1996 Ave.	76.77	77.78	92.68	81.74	82.83	95.16	87.04	80.67
1997 Ave.	84.14	90.51	100.02	95.34	84.12	94.93	88.61	88.63
1998 Ave.	89.26	96.80	101.29	99.04	88.12	97.74	90.16	91.32
1999 Ave.	94.68	98.81	106.45	102.08	88.94	96.80	91.88	97.81
2000 Ave.	111.57	120.70	117.11	112.52	95.27	107.27	88.81	104.01
2001 Ave.	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2002 Ave.	108.94	107.58	108.96	107.86	99.98	99.74	100.24	109.22
2001 Aug.	94.78	88.43	96.40	87.89	98.32	100.62	97.71	94.20
Sept.	88.67	89.16	89.04	85.78	99.59	103.94	95.81	85.31
Oct.	114.45	111.42	115.79	110.81	98.84	100.55	98.30	113.82
Nov.	101.66	91.03	101.75	91.25	99.91	99.76	100.15	101.90
Dec.	102.51	97.37	104.28	100.01	98.30	97.36	100.97	105.29
2002 Jan.	98.11	85.42	99.71	86.10	98.40	99.21	99.18	98.90
Feb.	81.66	75.92	80.95	72.02	100.88	105.41	95.70	77.47
Mar.	116.19	118.23	116.89	116.80	99.40	101.22	98.20	114.79
Apr.	110.09	113.22	109.82	110.87	100.25	102.12	98.17	107.81
May	110.75	108.52	108.18	108.66	102.38	99.87	102.51	110.90
June	111.18	109.19	110.10	110.00	100.98	99.26	101.73	112.01
July	108.05	118.28	110.28	118.24	97.98	100.03	97.95	108.02
Aug.	106.32	101.89	106.82	104.30	99.53	97.69	101.88	108.83
Sept.	111.47	119.83	110.22	118.11	101.13	101.46	99.67	109.86
Oct.	116.36	118.39	115.32	112.25	100.90	105.47	95.67	110.32
Nov.	119.60	107.63	116.34	105.59	102.80	101.93	100.85	117.33
Dec.	117.47	114.41	112.62	111.84	104.31	102.30	101.96	114.83
2003 Jan.	101.13	109.39	96.06	104.59	105.28	104.59	100.66	96.69
Feb.	98.73	96.86	93.34	87.03	105.77	111.30	95.03	88.70
Mar.	126.64	125.65	121.47	117.51	104.26	106.93	97.50	118.44
Apr.	115.52	120.41	109.16	114.07	105.83	105.56	100.26	109.44
* May	113.49	109.88	106.31	104.48	106.75	105.17	101.50	107.91
June	116.51	118.52	108.54	110.82	107.34	106.95	100.36	108.94
July	116.02	118.45	108.12	109.48	107.31	108.19	99.19	107.24

* Revised figure.

Source: Ministry of Finance, R.O.C., *Monthly Statistics of Exports and Imports, Taiwan Area, R.O.C.*

貿易指數

Foreign Trade

較上年(月)變動率 Compared with Last Year (Month)						單位: % Unit: %		時 期 PERIOD
價值指數 Value Index		數量指數 Quantum Index		單位價值指數 Unit Value Index		純貿易條件 Net Terms of Trade	所得貿易條件 Income Terms of Trade	
出 口 Exports	進 口 Imports	出 口 Exports	進 口 Imports	出 口 Exports	進 口 Imports			
0.34	7.47	5.21	12.32	-4.62	-4.33	-0.31	4.89	民國 81年平均
9.34	11.99	4.07	4.81	5.06	6.86	-1.69	2.31	82年平均
9.70	11.15	5.90	1.33	3.59	9.68	-5.56	0.03	83年平均
20.08	21.27	4.82	9.35	14.55	10.89	3.31	8.28	84年平均
7.70	2.64	5.32	1.34	2.26	1.29	0.95	6.33	85年平均
9.60	16.37	7.92	16.64	1.56	-0.24	1.80	9.87	86年平均
6.09	6.95	1.27	3.88	4.76	2.96	1.75	3.04	87年平均
6.07	2.08	5.09	3.07	0.93	-0.96	1.91	7.11	88年平均
17.84	22.15	10.01	10.23	7.12	10.82	-3.34	6.34	89年平均
-10.37	-17.15	-14.61	-11.13	4.96	-6.78	12.60	-3.86	90年平均
8.94	7.58	8.96	7.86	-0.02	-0.26	0.24	9.22	91年平均
-2.72	-16.31	0.76	-14.38	-3.46	-2.25	-1.23	-0.48	90年 8月
-6.45	0.83	-7.63	-2.40	1.29	3.30	-1.94	-9.44	9月
29.07	24.97	30.04	29.18	-0.75	-3.26	2.60	33.42	10月
-11.18	-18.30	-12.13	-17.65	1.08	-0.79	1.88	-10.47	11月
0.84	6.96	2.49	9.60	-1.61	-2.41	0.82	3.33	12月
-4.29	-12.27	-4.38	-13.91	0.10	1.90	-1.77	-6.07	91年 1月
-16.77	-11.12	-18.81	-16.35	2.52	6.25	-3.51	-21.67	2月
42.29	55.73	44.40	62.18	-1.47	-3.97	2.61	48.17	3月
-5.25	-4.24	-6.05	-5.08	0.86	0.89	-0.03	-6.08	4月
0.60	-4.15	-1.49	-1.99	2.12	-2.20	4.42	2.87	5月
0.39	0.62	1.77	1.23	-1.37	-0.61	-0.76	1.00	6月
-2.82	8.32	0.16	7.49	-2.97	0.78	-3.72	-3.56	7月
-1.60	-13.86	-3.14	-11.79	1.58	-2.34	4.01	0.75	8月
4.84	17.61	3.18	13.24	1.61	3.86	-2.17	0.95	9月
4.39	-1.20	4.63	-4.96	-0.23	3.95	-4.01	0.42	10月
2.78	-9.09	0.88	-5.93	1.88	-3.36	5.41	6.35	11月
-1.78	6.30	-3.20	5.92	1.47	0.36	1.10	-2.13	12月
-13.91	-4.39	-14.70	-6.48	0.93	2.24	-1.28	-15.80	92年 1月
-2.37	-11.45	-2.83	-16.79	0.47	6.42	-5.59	-8.26	2月
28.27	29.72	30.14	35.02	-1.43	-3.93	2.60	33.53	3月
-8.78	-4.17	-10.13	-2.93	1.51	-1.28	2.83	-7.60	4月
-1.76	-8.75	-2.61	-8.41	0.87	-0.37	1.24	-1.40	*5月
2.66	7.86	2.10	6.07	0.55	1.69	-1.12	0.95	6月
-0.42	-0.06	-0.39	-1.21	-0.03	1.16	-1.17	-1.56	7月

*係修正數。

資料來源：財政部編印中華民國臺灣地區進出口貿易統計月報。

14. 主 要 進 口

Unit : US\$ million at C.I.F. prices

Value of Principal

時 期 PERIOD	合 計 Total	農、林、漁、 AGRICULTURAL, FORESTRY, FISHING,					
		小 計 Subtotal		水 果 類 Fruits		麥 類 Wheat, Barley and Similar Articles Thereof	
		價 值	占總額 百分比	價 值	占總額 百分比	價 值	占總額 百分比
		Amount	%	Amount	%	Amount	%
2002 Jan.-July	63,462.7	1,498.2	2.4	172.2	0.3	121.5	0.2
Feb.	6,522.0	197.7	3.0	18.4	0.3	20.4	0.3
Mar.	10,159.9	201.8	2.0	22.9	0.2	15.9	0.2
Apr.	9,740.2	213.8	2.2	17.7	0.2	22.0	0.2
May	9,435.1	224.1	2.4	23.6	0.3	15.8	0.2
June	9,616.1	204.5	2.1	29.4	0.3	12.0	0.1
July	10,636.9	223.5	2.1	37.0	0.3	13.6	0.1
Aug.	9,100.1	216.6	2.4	32.4	0.4	15.1	0.2
Sept.	10,549.7	251.6	2.4	25.8	0.2	15.6	0.1
Oct.	10,190.7	194.9	1.9	13.4	0.1	9.8	0.1
Nov.	9,341.7	243.3	2.6	25.0	0.3	20.8	0.2
Dec.	9,885.3	285.8	2.9	19.2	0.2	40.3	0.4
2003 Jan.-July	69,414.8	1,718.7	2.5	191.3	0.3	130.7	0.2
Jan.	9,492.2	282.3	3.0	28.9	0.3	29.9	0.3
Feb.	8,407.5	185.9	2.2	12.7	0.2	3.1	0.0
Mar.	10,915.3	248.8	2.3	23.0	0.2	19.2	0.2
Apr.	10,425.8	248.3	2.4	21.3	0.2	27.3	0.3
* May	9,510.2	245.0	2.6	28.8	0.3	17.1	0.2
June	10,298.8	278.0	2.7	36.0	0.3	25.8	0.3
July	10,365.0	225.3	2.2	40.5	0.4	8.3	0.1

時 期 PERIOD	礦 產 品 MINERALS							
	小 計 Subtotal		煤 Coal		原 油 Crude Petroleum		金屬礦石及其精砂 Ores and Concentrates	
	價 值	占總額 百分比	價 值	占總額 百分比	價 值	占總額 百分比	價 值	占總額 百分比
	Amount	%	Amount	%	Amount	%	Amount	%
2002 Jan.-July	6,522.5	10.3	1,025.3	1.6	3,155.9	5.0	264.5	0.4
Feb.	565.9	8.7	109.0	1.7	256.0	3.9	35.1	0.5
Mar.	1,095.8	10.8	155.2	1.5	571.5	5.6	38.7	0.4
Apr.	1,050.0	10.8	141.6	1.5	501.5	5.1	40.6	0.4
May	1,051.3	11.1	154.6	1.6	567.3	6.0	31.9	0.3
June	1,011.5	10.5	169.3	1.8	466.1	4.8	39.6	0.4
July	987.3	9.3	155.3	1.5	459.2	4.3	42.1	0.4
Aug.	1,141.6	12.5	149.3	1.6	562.1	6.2	38.8	0.4
Sept.	1,684.0	16.0	168.2	1.6	1,143.1	10.8	32.4	0.3
Oct.	1,341.2	13.2	141.8	1.4	802.8	7.9	41.5	0.4
Nov.	1,074.0	11.5	125.5	1.3	624.3	6.7	42.9	0.5
Dec.	854.6	8.6	111.6	1.1	464.3	4.7	35.8	0.4
2003 Jan.-July	9,118.5	13.1	1,087.0	1.6	5,236.2	7.5	311.9	0.4
Jan.	1,325.5	14.0	150.7	1.6	726.4	7.7	46.4	0.5
Feb.	1,176.5	14.0	102.4	1.2	744.4	8.9	34.9	0.4
Mar.	1,184.8	10.9	183.7	1.7	653.7	6.0	54.7	0.5
Apr.	1,414.5	13.6	170.3	1.6	811.8	7.8	34.8	0.3
* May	1,445.1	15.2	146.6	1.5	894.5	9.4	52.9	0.6
June	1,432.8	13.9	168.2	1.6	833.3	8.1	34.1	0.3
July	1,139.4	11.0	165.0	1.6	572.1	5.5	53.9	0.5

*Revised figure.

Source: See Table 13.

貨物價值 (中華民國商品標準分類)

Imports (by C.C.C. Code)

價值單位：起岸價格百萬美元

牧、狩獵品 LIVESTOCK AND HUNTING PRODUCTS								時 期 PERIOD
玉蜀黍 Maize		大豆 Soybeans		肉及食用雜碎 Meat and Edible Meat Offal		漁類 Fishery Products		
價值 Amount	占總額 百分比 %	價值 Amount	占總額 百分比 %	價值 Amount	占總額 百分比 %	價值 Amount	占總額 百分比 %	
327.0	0.5	287.8	0.5	176.7	0.3	150.1	0.2	民國91年 1-7月 2月 3月 4月 5月 6月 7月 8月 9月 10月 11月 12月
48.5	0.7	48.6	0.7	16.8	0.3	17.8	0.3	
41.3	0.4	36.6	0.4	27.1	0.3	21.0	0.2	
49.8	0.5	34.3	0.4	27.1	0.3	20.2	0.2	
44.0	0.5	56.2	0.6	29.9	0.3	17.8	0.2	
35.9	0.4	42.6	0.4	26.7	0.3	19.7	0.2	
57.0	0.5	28.6	0.3	25.5	0.2	22.3	0.2	
36.0	0.4	52.6	0.6	22.3	0.2	17.2	0.2	
58.1	0.6	54.5	0.5	26.8	0.3	25.5	0.2	
36.7	0.4	36.4	0.4	26.9	0.3	28.9	0.3	
61.1	0.7	48.1	0.5	24.5	0.3	22.3	0.2	
71.4	0.7	56.8	0.6	26.9	0.3	25.7	0.3	
402.4	0.6	355.1	0.5	227.6	0.3	130.3	0.2	92年 1-7月 1月 2月 3月 4月 *5月 6月 7月
61.0	0.6	57.2	0.6	35.4	0.4	28.5	0.3	
55.4	0.7	45.1	0.5	25.3	0.3	15.0	0.2	
62.6	0.6	48.6	0.4	38.6	0.4	18.6	0.2	
52.6	0.5	49.1	0.5	36.1	0.3	18.5	0.2	
67.5	0.7	37.5	0.4	36.1	0.4	17.0	0.2	
56.2	0.5	70.4	0.7	31.3	0.3	16.1	0.2	
47.1	0.5	47.2	0.5	24.8	0.2	16.7	0.2	

製 造 業 產 品 MANUFACTURING PRODUCTS								時 期 PERIOD
小 計 Subtotal		棉 花 Raw Cotton		原 木 Rough Wood		乳類製品 Dairy Products		
價值 Amount	占總額 百分比 %	價值 Amount	占總額 百分比 %	價值 Amount	占總額 百分比 %	價值 Amount	占總額 百分比 %	
55,442.0	87.4	215.8	0.3	78.2	0.1	75.5	0.1	民國91年 1-7月 2月 3月 4月 5月 6月 7月 8月 9月 10月 11月 12月
5,758.4	88.3	21.5	0.3	8.5	0.1	8.8	0.1	
8,862.3	87.2	37.8	0.4	11.7	0.1	9.0	0.1	
8,476.4	87.0	43.3	0.4	11.3	0.1	12.0	0.1	
8,159.7	86.5	39.3	0.4	10.6	0.1	12.1	0.1	
8,400.1	87.4	33.5	0.3	13.0	0.1	11.8	0.1	
9,426.1	88.6	33.1	0.3	14.2	0.1	10.6	0.1	
7,741.9	85.1	19.0	0.2	12.8	0.1	9.0	0.1	
8,614.1	81.7	23.9	0.2	13.5	0.1	9.6	0.1	
8,654.6	84.9	20.0	0.2	9.7	0.1	11.7	0.1	
8,024.4	85.9	24.2	0.3	10.0	0.1	8.9	0.1	
8,744.9	88.5	27.0	0.3	13.2	0.1	11.3	0.1	
58,577.6	84.4	178.8	0.3	91.1	0.1	67.2	0.1	92年 1-7月 1月 2月 3月 4月 *5月 6月 7月
7,884.4	83.1	23.5	0.2	13.4	0.1	10.5	0.1	
7,045.1	83.8	28.4	0.3	11.3	0.1	7.5	0.1	
9,481.7	86.9	29.0	0.3	16.1	0.1	11.3	0.1	
8,763.0	84.1	23.6	0.2	17.0	0.2	9.3	0.1	
7,820.1	82.2	28.4	0.3	14.4	0.2	10.2	0.1	
8,588.0	83.4	21.8	0.2	7.8	0.1	9.4	0.1	
9,000.3	86.8	24.1	0.2	11.1	0.1	8.9	0.1	

*係修正數。

資料來源：同表13。

14. 主要進口

Value of Principal

Unit : US\$ million at C.I.F. prices

時 期 PERIOD		製 造 業 MANUFACTURING							
		飲料及酒類 Beverages & Spirits		皮革、毛皮及其製品 Leather, Fur & Articles Thereof		人造纖維 Man-Made Staple Fibres & Filaments		其他紡織品及 紡織製品 Other Textiles and Textile Articles	
		價 值	占總額 百分比	價 值	占總額 百分比	價 值	占總額 百分比	價 值	占總額 百分比
		Amount	%	Amount	%	Amount	%	Amount	%
2002	Jan.-July	173.6	0.3	382.5	0.6	342.8	0.5	1,073.7	1.7
	Feb.	19.1	0.3	35.7	0.5	28.2	0.4	101.6	1.6
	Mar.	21.9	0.2	54.4	0.5	55.9	0.6	196.9	1.9
	Apr.	23.0	0.2	60.7	0.6	62.0	0.6	194.5	2.0
	May	26.5	0.3	58.9	0.6	66.6	0.7	166.0	1.8
	June	23.9	0.2	60.9	0.6	57.0	0.6	151.0	1.6
	July	30.3	0.3	69.2	0.7	51.3	0.5	159.0	1.5
	Aug.	34.7	0.4	64.3	0.7	45.5	0.5	149.7	1.6
	Sept.	29.7	0.3	59.1	0.6	50.4	0.5	174.4	1.7
	Oct.	18.2	0.2	50.7	0.5	44.9	0.4	182.4	1.8
	Nov.	25.8	0.3	62.0	0.7	40.7	0.4	156.2	1.7
	Dec.	37.9	0.4	69.5	0.7	47.1	0.5	162.5	1.6
2003	Jan.-July	193.2	0.3	456.7	0.7	302.9	0.4	1,093.4	1.6
	Jan.	35.1	0.4	61.0	0.6	42.5	0.4	145.1	1.5
	Feb.	18.3	0.2	51.0	0.6	38.3	0.5	127.1	1.5
	Mar.	31.1	0.3	71.5	0.7	56.5	0.5	189.0	1.7
	Apr.	25.8	0.2	72.6	0.7	47.8	0.5	164.4	1.6
	* May	25.1	0.3	66.7	0.7	40.8	0.4	189.8	2.0
	June	30.5	0.3	63.8	0.6	41.3	0.4	142.6	1.4
	July	27.4	0.3	70.2	0.7	35.6	0.3	135.4	1.3

時 期 PERIOD		製 造 業 MANUFACTURING							
		其他非金屬礦物製品 Other Non-metallic Mineral Products		鋼鐵及鋼鐵製品 Iron, Steel & Articles Thereof		銅及其製品 Copper and Articles Thereof		鋁及其製品 Aluminium and Articles Thereof	
		價 值	占總額 百分比	價 值	占總額 百分比	價 值	占總額 百分比	價 值	占總額 百分比
		Amount	%	Amount	%	Amount	%	Amount	%
2002	Jan.-July	116.6	0.2	2,517.3	4.0	960.4	1.5	727.6	1.1
	Feb.	12.0	0.2	252.1	3.9	102.9	1.6	67.5	1.0
	Mar.	19.9	0.2	369.0	3.6	146.8	1.4	116.4	1.1
	Apr.	17.3	0.2	401.2	4.1	160.4	1.6	122.0	1.3
	May	17.2	0.2	395.4	4.2	150.7	1.6	127.3	1.3
	June	16.6	0.2	369.9	3.8	151.2	1.6	111.8	1.2
	July	19.6	0.2	500.4	4.7	170.1	1.6	123.8	1.2
	Aug.	16.4	0.2	476.6	5.2	144.3	1.6	116.8	1.3
	Sept.	18.4	0.2	470.9	4.5	131.7	1.2	115.6	1.1
	Oct.	17.7	0.2	517.5	5.1	142.5	1.4	119.7	1.2
	Nov.	17.5	0.2	442.8	4.7	118.3	1.3	110.9	1.2
	Dec.	19.6	0.2	426.7	4.3	150.5	1.5	113.9	1.2
2003	Jan.-July	127.6	0.2	3,512.6	5.1	984.9	1.4	847.9	1.2
	Jan.	16.6	0.2	511.1	5.4	124.2	1.3	102.5	1.1
	Feb.	13.1	0.2	409.1	4.9	117.6	1.4	96.1	1.1
	Mar.	19.8	0.2	556.2	5.1	169.4	1.6	146.3	1.3
	Apr.	19.6	0.2	548.6	5.3	128.1	1.2	134.5	1.3
	* May	18.5	0.2	476.7	5.0	146.4	1.5	125.3	1.3
	June	20.0	0.2	514.7	5.0	167.7	1.6	117.8	1.1
	July	19.9	0.2	496.2	4.8	131.5	1.3	125.4	1.2

貨物價值(中華民國商品標準分類)(續)

Imports (by C.C.C. Code) (Continued)

價值單位：起岸價格百萬美元

產 品 PRODUCTS										時 期 PERIOD
紙漿、紙及印刷品 Pulp, Paper, Allied Products & Printed Matter		化學及有關工業產品 Products of the Chemical & Allied Industries		橡膠及塑膠製品 Rubber & Plastic Products		陶瓷產品 Ceramic Products		玻璃及玻璃器 Glass and Glassware		
價 值 Amount	占總額 百分比 %	價 值 Amount	占總額 百分比 %	價 值 Amount	占總額 百分比 %	價 值 Amount	占總額 百分比 %	價 值 Amount	占總額 百分比 %	
1,024.4	1.6	6,440.5	10.1	2,165.7	3.4	110.9	0.2	332.6	0.5	民國91年 1-7月
93.4	1.4	640.7	9.8	206.5	3.2	11.1	0.2	38.3	0.6	2月
179.4	1.8	965.8	9.5	363.9	3.6	16.7	0.2	50.1	0.5	3月
171.0	1.8	1,017.1	10.4	361.1	3.7	18.4	0.2	48.5	0.5	4月
165.0	1.7	1,016.8	10.8	375.1	4.0	17.6	0.2	52.1	0.6	5月
160.8	1.7	1,039.8	10.8	344.3	3.6	17.0	0.2	53.2	0.6	6月
177.0	1.7	1,071.7	10.1	344.4	3.2	19.1	0.2	57.2	0.5	7月
144.6	1.6	973.5	10.7	293.0	3.2	16.6	0.2	45.4	0.5	8月
140.2	1.3	976.3	9.3	315.3	3.0	17.4	0.2	51.6	0.5	9月
139.3	1.4	1,015.0	10.0	316.1	3.1	17.8	0.2	50.0	0.5	10月
126.8	1.4	922.9	9.9	295.5	3.2	16.3	0.2	50.2	0.5	11月
133.3	1.3	1,011.8	10.2	331.4	3.4	16.8	0.2	52.7	0.5	12月
1,143.6	1.6	7,544.0	10.9	2,339.4	3.4	128.1	0.2	404.1	0.6	92年 1-7月
149.1	1.6	936.1	9.9	296.1	3.1	16.6	0.2	48.2	0.5	1月
133.7	1.6	908.5	10.8	274.1	3.3	11.8	0.1	43.8	0.5	2月
182.2	1.7	1,293.8	11.9	388.8	3.6	19.5	0.2	69.3	0.6	3月
185.6	1.8	1,226.8	11.8	358.5	3.4	21.5	0.2	51.9	0.5	4月
162.7	1.7	1,021.7	10.7	330.1	3.5	19.2	0.2	62.7	0.7	*5月
169.4	1.6	1,067.6	10.4	361.9	3.5	21.7	0.2	66.7	0.6	6月
160.8	1.6	1,089.3	10.5	329.8	3.2	17.9	0.2	61.5	0.6	7月

產 品 PRODUCTS										時 期 PERIOD
其他卑金屬及製品 Other Base Metals and Articles Thereof		機 械 Machinery		電子、電機及電器 Electronic, Electrical Machinery and Apparatus		運輸工具 Transportation Equipment		精密儀器設備 Precision Instruments and Equipment		
價 值 Amount	占總額 百分比 %	價 值 Amount	占總額 百分比 %	價 值 Amount	占總額 百分比 %	價 值 Amount	占總額 百分比 %	價 值 Amount	占總額 百分比 %	
798.3	1.3	10,332.7	16.3	18,342.9	28.9	2,108.6	3.3	3,783.4	6.0	民國91年 1-7月
71.7	1.1	937.9	14.4	2,019.7	31.0	287.7	4.4	325.8	5.0	2月
137.5	1.4	1,564.9	15.4	3,110.5	30.6	379.9	3.7	614.4	6.0	3月
133.1	1.4	1,697.3	17.4	2,646.0	27.2	235.9	2.4	571.5	5.9	4月
128.9	1.4	1,484.0	15.7	2,560.4	27.1	219.7	2.3	539.4	5.7	5月
120.5	1.3	1,540.4	16.0	2,777.9	28.9	268.8	2.8	603.5	6.3	6月
134.8	1.3	1,772.7	16.7	2,953.9	27.8	492.6	4.6	707.8	6.7	7月
123.5	1.4	1,345.7	14.8	2,445.8	26.9	187.5	2.1	574.9	6.3	8月
117.9	1.1	1,521.5	14.4	2,869.1	27.2	393.6	3.7	546.8	5.2	9月
118.5	1.2	1,661.4	16.3	2,883.9	28.3	236.5	2.3	600.8	5.9	10月
105.6	1.1	1,490.7	16.0	2,618.2	28.0	286.3	3.1	506.4	5.4	11月
121.0	1.2	1,668.9	16.9	2,934.7	29.7	257.0	2.6	548.4	5.5	12月
967.8	1.4	9,873.1	14.2	18,588.6	26.8	2,148.0	3.1	4,114.7	5.9	92年 1-7月
114.0	1.2	1,375.2	14.5	2,628.6	27.7	259.9	2.7	429.1	4.5	1月
121.4	1.4	1,319.5	15.7	2,308.5	27.5	202.7	2.4	462.5	5.5	2月
154.2	1.4	1,578.8	14.5	2,971.7	27.2	291.9	2.7	693.8	6.4	3月
150.7	1.4	1,437.0	13.8	2,730.5	26.2	300.3	2.9	593.1	5.7	4月
138.3	1.5	1,216.0	12.8	2,336.3	24.6	297.8	3.1	592.2	6.2	*5月
135.9	1.3	1,415.6	13.7	2,765.2	26.8	288.2	2.8	688.1	6.7	6月
153.2	1.5	1,531.1	14.8	2,847.7	27.5	507.1	4.9	656.0	6.3	7月

15. 按 國 別 分 之 Value of Imports

Unit : US\$ million at C.I.F. prices

時 期 PERIOD	合計 Total	香港 Hong Kong		印尼 Indonesia		日本 Japan		韓國 Republic of Korea		馬來西亞 Malaysia		菲律賓 Philippines	
		價值	占總 額百 分比	價值	占總 額百 分比	價值	占總 額百 分比	價值	占總 額百 分比	價值	占總 額百 分比	價值	占總 額百 分比
		Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%
2001 Dec.	8,507.3	147.1	1.7	204.2	2.4	2,010.1	23.6	667.3	7.8	328.3	3.9	309.5	3.6
2002 Jan.-July	63,462.7	951.9	1.5	1,433.9	2.3	15,241.7	24.0	4,504.8	7.1	2,455.0	3.9	2,321.7	3.7
Jan.	7,352.4	127.1	1.7	142.1	1.9	1,648.3	22.4	541.2	7.4	331.3	4.5	359.9	4.9
Feb.	6,522.0	99.9	1.5	158.9	2.4	1,563.6	24.0	489.2	7.5	234.8	3.6	293.3	4.5
Mar.	10,159.9	155.5	1.5	175.0	1.7	2,438.1	24.0	780.6	7.7	430.8	4.2	418.7	4.1
Apr.	9,740.2	151.7	1.6	199.2	2.0	2,376.0	24.4	723.6	7.4	402.6	4.1	333.5	3.4
May	9,435.1	138.3	1.5	265.1	2.8	2,168.4	23.0	670.1	7.1	349.8	3.7	346.5	3.7
June	9,616.1	134.8	1.4	280.0	2.9	2,411.4	25.1	641.4	6.7	341.9	3.6	311.2	3.2
July	10,636.9	144.5	1.4	213.7	2.0	2,636.0	24.8	658.8	6.2	363.8	3.4	258.6	2.4
Aug.	9,100.1	151.8	1.7	281.7	3.1	2,184.5	24.0	562.9	6.2	310.9	3.4	228.0	2.5
Sept.	10,549.7	150.0	1.4	214.5	2.0	2,347.1	22.2	681.8	6.5	368.1	3.5	277.2	2.6
Oct.	10,190.7	177.9	1.7	212.7	2.1	2,604.0	25.6	669.6	6.6	339.6	3.3	286.0	2.8
Nov.	9,341.7	153.8	1.6	238.9	2.6	2,273.4	24.3	606.7	6.5	319.7	3.4	247.9	2.7
Dec.	9,885.3	153.3	1.6	206.4	2.1	2,626.7	26.6	685.3	6.9	358.5	3.6	290.8	2.9
2003 Jan.-July	69,414.8	891.7	1.3	1,702.2	2.5	17,475.0	25.2	4,814.2	6.9	2,638.2	3.8	1,741.4	2.5
Jan.	9,492.2	141.1	1.5	243.0	2.6	2,207.3	23.3	701.1	7.4	332.9	3.5	261.9	2.8
Feb.	8,407.5	87.7	1.0	218.9	2.6	2,170.4	25.8	582.9	6.9	321.5	3.8	254.5	3.0
Mar.	10,915.3	152.4	1.4	221.1	2.0	2,990.7	27.4	787.2	7.2	442.5	4.1	266.4	2.4
Apr.	10,425.8	142.0	1.4	270.9	2.6	2,693.6	25.8	707.2	6.8	421.0	4.0	249.1	2.4
* May	9,510.2	117.3	1.2	263.2	2.8	2,228.7	23.4	628.5	6.6	348.4	3.7	223.1	2.3
June	10,298.8	129.1	1.3	253.4	2.5	2,615.2	25.4	678.2	6.6	396.7	3.9	257.0	2.5
July	10,365.0	122.2	1.2	231.8	2.2	2,569.0	24.8	729.1	7.0	375.2	3.6	229.5	2.2

時 期 PERIOD	比利時 Belgium		法國 France		德國 Germany		義大利 Italy		荷蘭 Netherlands		瑞典 Sweden		瑞士 Switzerland	
	價值	占總 額百 分比	價值	占總 額百 分比	價值	占總 額百 分比	價值	占總 額百 分比	價值	占總 額百 分比	價值	占總 額百 分比	價值	占總 額百 分比
	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%
2001 Dec.	44.0	0.5	125.4	1.5	388.4	4.6	75.6	0.9	123.2	1.4	37.7	0.4	74.1	0.9
2002 Jan.-July	265.0	0.4	861.2	1.4	2,490.3	3.9	616.7	1.0	809.2	1.3	266.7	0.4	432.3	0.7
Jan.	27.0	0.4	121.6	1.7	286.7	3.9	69.3	0.9	79.7	1.1	28.8	0.4	56.4	0.8
Feb.	22.0	0.3	201.3	3.1	232.1	3.6	54.7	0.8	56.1	0.9	29.3	0.4	43.4	0.7
Mar.	39.3	0.4	113.1	1.1	385.5	3.8	124.4	1.2	113.5	1.1	45.5	0.4	79.6	0.8
Apr.	46.0	0.5	105.1	1.1	378.5	3.9	91.3	0.9	124.4	1.3	45.9	0.5	62.1	0.6
May	45.6	0.5	99.0	1.0	372.8	4.0	75.5	0.8	114.0	1.2	37.6	0.4	54.5	0.6
June	41.9	0.4	99.4	1.0	407.5	4.2	87.8	0.9	141.1	1.5	39.4	0.4	61.9	0.6
July	43.1	0.4	121.7	1.1	427.3	4.0	113.7	1.1	180.4	1.7	40.2	0.4	74.4	0.7
Aug.	43.8	0.5	129.9	1.4	379.7	4.2	95.2	1.0	148.7	1.6	41.9	0.5	70.6	0.8
Sept.	44.6	0.4	116.8	1.1	381.1	3.6	96.5	0.9	111.7	1.1	37.4	0.4	72.9	0.7
Oct.	41.7	0.4	131.5	1.3	399.7	3.9	99.4	1.0	151.3	1.5	41.7	0.4	73.9	0.7
Nov.	40.9	0.4	149.4	1.6	386.9	4.1	81.5	0.9	102.7	1.1	42.1	0.5	64.1	0.7
Dec.	40.7	0.4	162.5	1.6	383.9	3.9	100.3	1.0	114.5	1.2	47.8	0.5	93.2	0.9
2003 Jan.-July	267.5	0.4	929.7	1.3	2,752.3	4.0	680.4	1.0	628.3	0.9	365.6	0.5	590.2	0.9
Jan.	37.4	0.4	119.9	1.3	369.3	3.9	98.3	1.0	80.8	0.9	38.2	0.4	57.6	0.6
Feb.	33.7	0.4	94.3	1.1	314.9	3.7	72.5	0.9	59.2	0.7	40.4	0.5	68.9	0.8
Mar.	45.7	0.4	127.0	1.2	484.6	4.4	106.4	1.0	103.1	0.9	59.8	0.5	103.4	0.9
Apr.	35.8	0.3	120.5	1.2	404.2	3.9	100.1	1.0	92.4	0.9	59.9	0.6	101.0	1.0
* May	34.5	0.4	104.5	1.1	392.1	4.1	90.4	1.0	79.1	0.8	71.8	0.8	85.3	0.9
June	45.9	0.4	123.7	1.2	413.7	4.0	101.5	1.0	112.4	1.1	39.3	0.4	94.8	0.9
July	34.6	0.3	239.8	2.3	373.4	3.6	111.1	1.1	101.2	1.0	56.2	0.5	79.1	0.8

* Revised figure.

Source: See Table 13.

進口貨物價值

by Origin

價值單位：起岸價格百萬美元

新加坡 Singapore		印度 India		越南 Vietnam		泰國 Thailand		科威特 Kuwait		沙烏地阿拉伯 Saudi Arabia		阿拉伯聯合大公國 United Arab Emirates		時 期
價值	占總額百分比	價值	占總額百分比	價值	占總額百分比	價值	占總額百分比	價值	占總額百分比	價值	占總額百分比	價值	占總額百分比	PERIOD
Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	
254.3	3.0	40.4	0.5	33.4	0.4	171.9	2.0	77.7	0.9	212.6	2.5	43.7	0.5	民國90年 12月
2,035.2	3.2	303.8	0.5	256.6	0.4	1,306.9	2.1	702.6	1.1	1,240.9	2.0	333.7	0.5	91年 1-7月
276.4	3.8	33.4	0.5	29.6	0.4	166.2	2.3	17.3	0.2	181.3	2.5	37.9	0.5	1月
205.6	3.2	47.3	0.7	24.0	0.4	117.1	1.8	73.4	1.1	64.6	1.0	48.3	0.7	2月
334.7	3.3	53.3	0.5	40.6	0.4	212.7	2.1	97.0	1.0	216.4	2.1	74.8	0.7	3月
309.0	3.2	47.4	0.5	44.8	0.5	217.2	2.2	183.3	1.9	134.8	1.4	19.0	0.2	4月
297.3	3.2	39.3	0.4	41.9	0.4	205.0	2.2	102.4	1.1	350.0	3.7	37.4	0.4	5月
304.2	3.2	37.0	0.4	36.9	0.4	195.0	2.0	113.1	1.2	150.3	1.6	59.9	0.6	6月
308.1	2.9	46.2	0.4	38.7	0.4	193.6	1.8	116.0	1.1	143.5	1.3	56.3	0.5	7月
284.2	3.1	33.7	0.4	35.2	0.4	152.4	1.7	75.2	0.8	214.1	2.4	42.7	0.5	8月
324.3	3.1	53.5	0.5	43.3	0.4	165.0	1.6	137.6	1.3	323.3	3.1	12.8	0.1	9月
337.7	3.3	57.6	0.6	41.6	0.4	176.5	1.7	187.2	1.8	259.6	2.5	109.1	1.1	10月
287.3	3.1	43.5	0.5	36.3	0.4	176.7	1.9	75.6	0.8	210.7	2.3	54.7	0.6	11月
275.0	2.8	58.7	0.6	35.6	0.4	193.4	2.0	110.5	1.1	157.8	1.6	46.1	0.5	12月
2,118.4	3.1	372.4	0.5	245.0	0.4	1,334.6	1.9	1,061.2	1.5	2,416.0	3.5	489.9	0.7	92年 1-7月
316.5	3.3	43.9	0.5	38.3	0.4	175.9	1.9	171.6	1.8	356.6	3.8	62.8	0.7	1月
268.9	3.2	50.2	0.6	19.9	0.2	165.9	2.0	140.8	1.7	382.6	4.6	31.4	0.4	2月
334.9	3.1	60.4	0.6	42.2	0.4	214.2	2.0	83.6	0.8	396.1	3.6	92.9	0.9	3月
293.4	2.8	64.4	0.6	40.7	0.4	183.9	1.8	215.3	2.1	322.3	3.1	76.1	0.7	4月
278.0	2.9	69.8	0.7	34.6	0.4	186.9	2.0	199.6	2.1	360.8	3.8	62.1	0.7	*5月
301.1	2.9	46.9	0.5	35.4	0.3	211.1	2.0	191.9	1.9	266.5	2.6	75.8	0.7	6月
325.7	3.1	37.0	0.4	33.9	0.3	196.8	1.9	58.5	0.6	331.1	3.2	88.8	0.9	7月

英國 United Kingdom		加拿大 Canada		美國 United States		巴西 Brazil		智利 Chile		澳洲 Australia		紐西蘭 New Zealand		時 期
價值	占總額百分比	價值	占總額百分比	價值	占總額百分比	價值	占總額百分比	價值	占總額百分比	價值	占總額百分比	價值	占總額百分比	PERIOD
Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	
131.7	1.5	71.4	0.8	1,258.1	14.8	38.7	0.5	21.4	0.3	215.3	2.5	25.9	0.3	民國90年 12月
782.5	1.2	504.6	0.8	10,642.3	16.8	307.9	0.5	327.2	0.5	1,665.1	2.6	210.8	0.3	91年 1-7月
94.4	1.3	56.8	0.8	1,179.8	16.0	32.5	0.4	30.1	0.4	208.7	2.8	24.9	0.3	1月
83.5	1.3	40.0	0.6	1,136.3	17.4	31.8	0.5	37.2	0.6	190.6	2.9	20.0	0.3	2月
122.0	1.2	79.5	0.8	1,592.6	15.7	41.6	0.4	41.7	0.4	278.4	2.7	28.5	0.3	3月
110.1	1.1	78.4	0.8	1,515.2	15.6	42.7	0.4	53.8	0.6	220.5	2.3	34.9	0.4	4月
121.7	1.3	78.9	0.8	1,577.3	16.7	66.6	0.7	42.6	0.5	253.8	2.7	35.8	0.4	5月
110.5	1.1	78.7	0.8	1,597.8	16.6	40.1	0.4	58.4	0.6	262.4	2.7	35.4	0.4	6月
140.4	1.3	92.3	0.9	2,044.8	19.2	52.5	0.5	63.3	0.6	250.7	2.4	31.3	0.3	7月
110.6	1.2	76.0	0.8	1,462.7	16.1	39.5	0.4	56.4	0.6	220.4	2.4	27.5	0.3	8月
122.9	1.2	90.7	0.9	1,746.1	16.6	72.0	0.7	42.3	0.4	249.2	2.4	22.7	0.2	9月
110.9	1.1	66.7	0.7	1,374.3	13.5	46.8	0.5	45.0	0.4	275.3	2.7	27.9	0.3	10月
115.8	1.2	109.1	1.2	1,431.2	15.3	59.1	0.6	39.1	0.4	198.0	2.1	24.0	0.3	11月
114.1	1.2	98.0	1.0	1,437.8	14.5	58.0	0.6	46.8	0.5	224.5	2.3	27.5	0.3	12月
760.1	1.1	627.9	0.9	9,178.1	13.2	507.3	0.7	313.1	0.5	1,586.5	2.3	240.8	0.3	92年 1-7月
105.0	1.1	85.6	0.9	1,308.0	13.8	78.6	0.8	38.0	0.4	229.6	2.4	37.9	0.4	1月
104.0	1.2	67.5	0.8	1,114.8	13.3	42.1	0.5	37.3	0.4	192.4	2.3	23.8	0.3	2月
125.5	1.1	93.9	0.9	1,370.4	12.6	64.9	0.6	53.8	0.5	262.4	2.4	32.1	0.3	3月
109.4	1.0	89.9	0.9	1,321.4	12.7	49.9	0.5	44.4	0.4	242.6	2.3	40.1	0.4	4月
98.2	1.0	97.1	1.0	1,195.5	12.6	83.9	0.9	39.6	0.4	216.3	2.3	36.3	0.4	*5月
108.3	1.1	87.7	0.9	1,252.3	12.2	91.9	0.9	60.2	0.6	209.7	2.0	42.8	0.4	6月
109.7	1.1	106.0	1.0	1,615.6	15.6	96.0	0.9	39.8	0.4	233.5	2.3	27.8	0.3	7月

*係修正數。

資料來源：同表13。

16. 主要出口

Value of Principal

Unit : US\$ million at F.O.B. prices

時 期 PERIOD	合計 Total	農、林、漁、牧、 AGRICULTURAL, FORESTRY, FISHING, LIVESTOCK AND					
		小計 Subtotal		蔬菜類 Vegetables		漁 類 Fishery Products	
		價 值	占總額 百分比	價 值	占總額 百分比	價 值	占總額 百分比
		Amount	%	Amount	%	Amount	%
2002 Jan.-July	73,436.8	856.5	1.2	46.2	0.1	625.1	0.9
Feb.	8,042.4	93.9	1.2	3.2	0.0	70.7	0.9
Mar.	11,446.9	126.0	1.1	5.2	0.0	90.9	0.8
Apr.	10,858.3	123.1	1.1	8.1	0.1	86.7	0.8
May	11,039.9	130.9	1.2	9.5	0.1	90.9	0.8
June	11,225.4	125.7	1.1	8.1	0.1	90.7	0.8
July	11,141.8	137.5	1.2	8.3	0.1	102.2	0.9
Aug.	10,887.6	122.5	1.1	8.7	0.1	92.9	0.9
Sept.	11,251.6	116.3	1.0	4.9	0.0	85.9	0.8
Oct.	11,483.4	129.9	1.1	3.0	0.0	101.2	0.9
Nov.	11,901.6	139.7	1.2	3.3	0.0	111.4	0.9
Dec.	11,635.6	144.3	1.2	3.0	0.0	116.8	1.0
2003 Jan.-July	78,464.9	957.8	1.2	56.2	0.1	723.3	0.9
Jan.	10,060.4	134.5	1.3	4.4	0.0	108.6	1.1
Feb.	9,825.1	108.2	1.1	4.5	0.0	84.7	0.9
Mar.	12,612.9	144.0	1.1	9.8	0.1	105.1	0.8
Apr.	11,458.3	149.2	1.3	10.5	0.1	112.1	1.0
* May	11,260.9	144.4	1.3	10.6	0.1	108.1	1.0
June	11,607.9	134.9	1.2	9.0	0.1	96.3	0.8
July	11,639.3	142.7	1.2	7.4	0.1	108.3	0.9

時 期 PERIOD	製 造 業 MANUFACTURING							
	人 造 纖 維 Man-Made Staple Fibres & Filaments		針織、鉤針織品及服飾 Knitted or Crocheted Fabrics & Their Clothing Accessories		其他紡織品及紡織製品 Other Textiles and Textile Articles		皮革、毛皮及其製品 Leather, Fur & Articles Thereof	
	價 值	占總額 百分比	價 值	占總額 百分比	價 值	占總額 百分比	價 值	占總額 百分比
	Amount	%	Amount	%	Amount	%	Amount	%
2002 Jan.-July	2,643.4	3.6	1,917.5	2.6	2,383.8	3.2	553.5	0.8
Feb.	267.8	3.3	158.0	2.0	233.1	2.9	40.8	0.5
Mar.	424.5	3.7	245.5	2.1	372.2	3.3	84.1	0.7
Apr.	412.1	3.8	292.1	2.7	382.5	3.5	94.1	0.9
May	413.6	3.7	328.5	3.0	397.5	3.6	98.1	0.9
June	417.2	3.7	369.0	3.3	367.3	3.3	92.3	0.8
July	380.1	3.4	385.5	3.5	362.5	3.3	86.9	0.8
Aug.	375.9	3.5	329.0	3.0	329.7	3.0	75.0	0.7
Sept.	396.5	3.5	293.2	2.6	353.2	3.1	82.4	0.7
Oct.	422.9	3.7	270.2	2.4	360.4	3.1	82.5	0.7
Nov.	398.5	3.3	241.7	2.0	350.8	2.9	81.7	0.7
Dec.	385.5	3.3	242.2	2.1	361.4	3.1	81.3	0.7
2003 Jan.-July	2,725.9	3.5	1,817.9	2.3	2,289.4	2.9	547.0	0.7
Jan.	335.5	3.3	177.3	1.8	284.6	2.8	63.4	0.6
Feb.	355.0	3.6	171.5	1.7	258.6	2.6	52.4	0.5
Mar.	426.3	3.4	264.6	2.1	391.1	3.1	89.4	0.7
Apr.	397.6	3.5	277.8	2.4	364.5	3.2	88.3	0.8
* May	394.0	3.5	296.2	2.6	344.4	3.1	95.9	0.9
June	423.4	3.6	324.4	2.8	324.9	2.8	84.7	0.7
July	394.0	3.4	306.1	2.6	321.4	2.8	72.9	0.6

*Revised figure.

Source: See Table 13.

貨物價值(中華民國商品標準分類)

Exports (by C.C.C. Code)

價值單位：離岸價格百萬美元

狩獵品 HUNTING PRODUCTS		礦產品 MINERAL PRODUCTS		製造業產品 MANUFACTURING PRODUCTS				時 期 PERIOD
肉及食用雜碎 Meat and Edible Meat Offal				小計 Subtotal		已調製魚類魚子醬 Prepared Fish and Caviar		
價 值 Amount	占總額 百分比 %	價 值 Amount	占總額 百分比 %	價 值 Amount	占總額 百分比 %	價 值 Amount	占總額 百分比 %	
8.6	0.0	1,168.0	1.6	71,412.3	97.2	40.0	0.1	民國91年 1-7月
0.9	0.0	126.1	1.6	7,822.4	97.3	4.1	0.1	2月
1.7	0.0	172.2	1.5	11,148.7	97.4	6.7	0.1	3月
1.0	0.0	178.9	1.6	10,556.3	97.2	5.7	0.1	4月
1.1	0.0	132.5	1.2	10,776.5	97.6	6.0	0.1	5月
1.2	0.0	208.3	1.9	10,891.4	97.0	8.2	0.1	6月
1.2	0.0	199.4	1.8	10,804.9	97.0	5.3	0.0	7月
1.1	0.0	126.9	1.2	10,638.2	97.7	3.2	0.0	8月
1.4	0.0	244.4	2.2	10,890.9	96.8	3.1	0.0	9月
1.9	0.0	198.7	1.7	11,154.8	97.1	4.0	0.0	10月
2.2	0.0	281.3	2.4	11,480.6	96.5	3.8	0.0	11月
2.4	0.0	235.7	2.0	11,255.6	96.7	4.0	0.0	12月
7.7	0.0	1,925.9	2.5	75,581.2	96.3	16.6	0.0	92年 1-7月
1.5	0.0	245.9	2.4	9,680.0	96.2	3.1	0.0	1月
0.9	0.0	291.9	3.0	9,425.0	95.9	1.4	0.0	2月
0.9	0.0	306.9	2.4	12,162.0	96.4	2.9	0.0	3月
0.6	0.0	266.7	2.3	11,042.4	96.4	3.3	0.0	4月
1.1	0.0	228.2	2.0	10,888.3	96.7	2.4	0.0	*5月
1.7	0.0	270.5	2.3	11,202.5	96.5	1.6	0.0	6月
1.0	0.0	315.7	2.7	11,180.9	96.1	1.9	0.0	7月

產 品 PRODUCTS								時 期 PERIOD
木竹籐製材及其製品 Wood, Bamboo and Rattan Products		紙漿、紙、及印刷品 Pulp, Paper & Allied Products, & Printed Matter		化學及有關工業產品 Products of the Chemical & Allied Industries		橡膠及其製品 Rubber and Articles Thereof		
價 值 Amount	占總額 百分比 %	價 值 Amount	占總額 百分比 %	價 值 Amount	占總額 百分比 %	價 值 Amount	占總額 百分比 %	
174.6	0.2	595.2	0.8	2,480.0	3.4	651.4	0.9	民國91年 1-7月
17.5	0.2	55.1	0.7	252.4	3.1	65.4	0.8	2月
26.7	0.2	91.0	0.8	384.8	3.4	104.6	0.9	3月
26.3	0.2	87.6	0.8	374.7	3.5	98.9	0.9	4月
25.4	0.2	93.7	0.8	384.1	3.5	94.2	0.9	5月
26.7	0.2	95.4	0.8	362.7	3.2	101.3	0.9	6月
26.5	0.2	94.7	0.8	389.9	3.5	100.5	0.9	7月
26.6	0.2	92.2	0.8	448.1	4.1	100.1	0.9	8月
25.8	0.2	85.5	0.8	444.3	3.9	92.3	0.8	9月
24.6	0.2	94.6	0.8	434.4	3.8	93.3	0.8	10月
23.6	0.2	89.9	0.8	428.3	3.6	97.1	0.8	11月
25.6	0.2	85.8	0.7	432.0	3.7	100.8	0.9	12月
167.6	0.2	620.1	0.8	3,098.6	3.9	738.5	0.9	92年 1-7月
21.4	0.2	69.9	0.7	382.2	3.8	95.7	1.0	1月
19.9	0.2	75.1	0.8	378.7	3.9	83.3	0.8	2月
28.1	0.2	102.7	0.8	478.9	3.8	117.7	0.9	3月
25.7	0.2	95.3	0.8	415.6	3.6	106.4	0.9	4月
24.1	0.2	93.0	0.8	430.7	3.8	107.4	1.0	*5月
24.6	0.2	92.8	0.8	532.3	4.6	116.8	1.0	6月
23.9	0.2	91.3	0.8	480.2	4.1	111.1	1.0	7月

*係修正數。

資料來源：同表13。

16. 主要出口 Value of Principal

Unit : US\$ million at F.O.B. prices

時 期 PERIOD		製 造 業 MANUFACTURING							
		塑膠及其製品 Plastics and Articles Thereof		鞋 靴 及 零 件 Footwear & Parts		玻璃及玻璃器 Glass and Glassware		陶 瓷 產 品 Ceramic Products	
		價 值	占總額 百分比	價 值	占總額 百分比	價 值	占總額 百分比	價 值	占總額 百分比
		Amount	%	Amount	%	Amount	%	Amount	%
2002	Jan.-July	4,351.4	5.9	262.1	0.4	400.7	0.5	56.1	0.1
	Feb.	447.3	5.6	29.4	0.4	42.6	0.5	6.0	0.1
	Mar.	703.7	6.1	46.0	0.4	62.3	0.5	7.4	0.1
	Apr.	653.4	6.0	38.2	0.4	62.5	0.6	8.7	0.1
	May	644.1	5.8	36.7	0.3	61.0	0.6	8.9	0.1
	June	660.0	5.9	34.4	0.3	61.5	0.5	8.4	0.1
	July	668.5	6.0	35.0	0.3	59.0	0.5	9.0	0.1
	Aug.	674.0	6.2	31.6	0.3	58.0	0.5	8.9	0.1
	Sept.	630.6	5.6	34.9	0.3	57.2	0.5	7.6	0.1
	Oct.	671.0	5.8	36.0	0.3	54.2	0.5	8.0	0.1
	Nov.	677.7	5.7	38.2	0.3	56.4	0.5	7.2	0.1
	Dec.	659.1	5.7	39.1	0.3	58.7	0.5	8.1	0.1
2003	Jan.-July	4,797.7	6.1	231.8	0.3	415.9	0.5	49.7	0.1
	Jan.	613.3	6.1	37.3	0.4	53.5	0.5	7.1	0.1
	Feb.	638.0	6.5	29.5	0.3	48.2	0.5	5.5	0.1
	Mar.	755.1	6.0	39.5	0.3	67.8	0.5	8.1	0.1
	Apr.	678.7	5.9	35.7	0.3	64.5	0.6	7.1	0.1
	* May	701.5	6.2	31.3	0.3	58.1	0.5	7.2	0.1
	June	713.2	6.1	29.6	0.3	62.6	0.5	7.5	0.1
July	698.1	6.0	28.9	0.2	61.1	0.5	7.3	0.1	

時 期 PERIOD		製 造 業 MANUFACTURING							
		縫 紉 機 Sewing Machines		機 械 (縫紉機除外) Machinery (Except Sewing Machines)		電 子、電 機 及 電 器 Electronic, Electrical Machinery and Apparatus		運 輸 工 具 Transportation Equipment	
		價 值	占總額 百分比	價 值	占總額 百分比	價 值	占總額 百分比	價 值	占總額 百分比
		Amount	%	Amount	%	Amount	%	Amount	%
2002	Jan.-July	290.9	0.4	18,735.7	25.5	20,750.5	28.3	2,638.7	3.6
	Feb.	27.7	0.3	2,244.9	27.9	2,395.6	29.8	268.7	3.3
	Mar.	52.2	0.5	3,034.4	26.5	3,163.3	27.6	426.9	3.7
	Apr.	41.0	0.4	2,788.5	25.7	2,991.5	27.6	368.6	3.4
	May	43.5	0.4	2,689.1	24.4	3,190.5	28.9	381.8	3.5
	June	45.3	0.4	2,740.4	24.4	3,153.8	28.1	433.4	3.9
	July	49.7	0.4	2,685.0	24.1	3,135.5	28.1	383.9	3.4
	Aug.	41.5	0.4	2,640.3	24.3	3,129.4	28.7	408.7	3.8
	Sept.	46.8	0.4	2,690.6	23.9	3,317.8	29.5	400.9	3.6
	Oct.	44.8	0.4	2,856.2	24.9	3,319.2	28.9	449.9	3.9
	Nov.	42.8	0.4	2,947.0	24.8	3,526.7	29.6	460.0	3.9
	Dec.	38.2	0.3	2,772.7	23.8	3,448.2	29.6	472.4	4.1
2003	Jan.-July	271.6	0.3	16,985.3	21.6	22,837.6	29.1	3,305.8	4.2
	Jan.	36.5	0.4	2,223.6	22.1	2,971.3	29.5	407.2	4.0
	Feb.	31.3	0.3	2,333.7	23.8	2,887.7	29.4	414.5	4.2
	Mar.	46.3	0.4	2,785.4	22.1	3,632.7	28.8	549.1	4.4
	Apr.	42.5	0.4	2,459.2	21.5	3,311.9	28.9	460.5	4.0
	* May	35.4	0.3	2,328.3	20.7	3,330.4	29.6	433.4	3.8
	June	39.3	0.3	2,445.8	21.1	3,306.0	28.5	526.3	4.5
July	40.4	0.3	2,409.2	20.7	3,397.6	29.2	514.9	4.4	

貨物價值(中華民國商品標準分類)(續)

Exports (by C.C.C. Code)(Continued)

價值單位：離岸價格百萬美元

產 品 PRODUCTS								時 期 PERIOD
鋼鐵及鋼鐵製品 Iron, Steel & Articles Thereof		銅及其製品 Copper and Articles Thereof		鋁及其製品 Aluminium and Articles Thereof		其他卑金屬及製品 Other Base Metals and Articles Thereof		
價 值 Amount	占總額 百分比 %	價 值 Amount	占總額 百分比 %	價 值 Amount	占總額 百分比 %	價 值 Amount	占總額 百分比 %	
4,302.1	5.9	744.5	1.0	472.5	0.6	1,449.9	2.0	民國91年 1-7月
434.6	5.4	74.0	0.9	47.6	0.6	148.4	1.8	2月
677.9	5.9	118.7	1.0	78.2	0.7	205.8	1.8	3月
612.2	5.6	116.6	1.1	68.0	0.6	224.3	2.1	4月
635.2	5.8	117.0	1.1	72.0	0.7	229.3	2.1	5月
677.6	6.0	115.1	1.0	72.3	0.6	210.1	1.9	6月
662.9	5.9	110.7	1.0	72.6	0.7	235.2	2.1	7月
658.7	6.1	110.9	1.0	70.8	0.7	217.4	2.0	8月
682.7	6.1	111.8	1.0	74.4	0.7	226.5	2.0	9月
675.5	5.9	116.1	1.0	74.2	0.6	218.7	1.9	10月
737.4	6.2	113.9	1.0	70.8	0.6	220.4	1.9	11月
769.3	6.6	117.9	1.0	77.7	0.7	228.7	2.0	12月
5,275.1	6.7	763.1	1.0	518.2	0.7	1,499.2	1.9	92年 1-7月
736.7	7.3	101.5	1.0	69.8	0.7	213.3	2.1	1月
626.9	6.4	88.0	0.9	62.6	0.6	166.4	1.7	2月
867.6	6.9	127.1	1.0	87.0	0.7	239.9	1.9	3月
767.1	6.7	114.9	1.0	74.2	0.6	234.6	2.0	4月
747.1	6.6	114.8	1.0	75.2	0.7	220.8	2.0	*5月
742.5	6.4	109.4	0.9	72.9	0.6	208.1	1.8	6月
787.3	6.8	107.4	0.9	76.5	0.7	215.9	1.9	7月

產 品 PRODUCTS								時 期 PERIOD
鐘錶及其零件 Clocks, Watches & Parts		其他精密儀器設備 Other Precision Instruments and Equipment		玩具、遊戲品與運動用品 Toys, Games and Sports Goods		家 具 Furniture		
價 值 Amount	占總額 百分比 %	價 值 Amount	占總額 百分比 %	價 值 Amount	占總額 百分比 %	價 值 Amount	占總額 百分比 %	
57.0	0.1	2,297.7	3.1	975.2	1.3	705.6	1.0	民國91年 1-7月
6.3	0.1	233.7	2.9	103.1	1.3	80.0	1.0	2月
8.4	0.1	347.3	3.0	155.7	1.4	117.6	1.0	3月
8.9	0.1	331.3	3.1	151.3	1.4	105.1	1.0	4月
8.5	0.1	351.4	3.2	148.2	1.3	102.7	0.9	5月
8.0	0.1	382.2	3.4	137.0	1.2	96.1	0.9	6月
8.4	0.1	389.7	3.5	150.3	1.3	97.7	0.9	7月
7.8	0.1	376.0	3.5	139.6	1.3	88.5	0.8	8月
7.7	0.1	371.8	3.3	155.5	1.4	100.8	0.9	9月
9.0	0.1	397.1	3.5	148.5	1.3	98.6	0.9	10月
8.3	0.1	395.0	3.3	159.0	1.3	106.5	0.9	11月
7.9	0.1	393.0	3.4	151.4	1.3	98.8	0.8	12月
44.8	0.1	3,511.2	4.5	947.8	1.2	695.6	0.9	92年 1-7月
7.0	0.1	366.2	3.6	132.3	1.3	97.8	1.0	1月
5.8	0.1	349.3	3.6	109.0	1.1	83.5	0.8	2月
7.0	0.1	553.7	4.4	156.8	1.2	120.6	1.0	3月
6.3	0.1	547.6	4.8	144.4	1.3	103.8	0.9	4月
5.8	0.1	562.2	5.0	130.9	1.2	98.8	0.9	*5月
6.5	0.1	554.0	4.8	135.6	1.2	97.1	0.8	6月
6.4	0.1	578.1	5.0	138.7	1.2	94.0	0.8	7月

17. 按國別分之

Value of Exports

Unit: US\$ million at F.O.B. prices

時期 PERIOD	合計 Total	香 港 Hong Kong		印 度 India		印 尼 Indonesia		日 本 Japan		韓 國 Republic of Korea		馬來西亞 Malaysia	
		價 值	占總 額百 分比	價 值	占總 額百 分比	價 值	占總 額百 分比	價 值	占總 額百 分比	價 值	占總 額百 分比	價 值	占總 額百 分比
		Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%
2001 Dec.	10,268.9	2,402.4	23.4	48.8	0.5	88.5	0.9	959.5	9.3	282.1	2.7	252.0	2.5
2002 Jan.-July	73,436.8	17,389.3	23.7	368.0	0.5	858.3	1.2	7,163.9	9.8	2,179.7	3.0	1,828.6	2.5
Jan.	9,682.2	2,365.8	24.4	47.3	0.5	101.8	1.1	959.8	9.9	283.4	2.9	226.6	2.3
Feb.	8,042.4	1,735.8	21.6	42.1	0.5	100.3	1.2	866.6	10.8	256.9	3.2	185.4	2.3
Mar.	11,446.9	2,722.4	23.8	54.0	0.5	130.0	1.1	1,112.8	9.7	328.5	2.9	290.2	2.5
Apr.	10,858.3	2,587.4	23.8	52.8	0.5	139.0	1.3	981.4	9.0	335.3	3.1	268.7	2.5
May	11,039.9	2,690.3	24.4	54.4	0.5	125.3	1.1	1,097.2	9.9	339.4	3.1	302.6	2.7
June	11,225.4	2,708.0	24.1	58.8	0.5	130.1	1.2	1,122.7	10.0	324.3	2.9	272.9	2.4
July	11,141.8	2,579.5	23.2	58.7	0.5	131.8	1.2	1,023.3	9.2	311.9	2.8	282.2	2.5
Aug.	10,887.6	2,633.2	24.2	54.9	0.5	118.1	1.1	919.1	8.4	307.2	2.8	264.3	2.4
Sept.	11,251.6	2,643.1	23.5	55.6	0.5	121.3	1.1	923.3	8.2	335.2	3.0	254.6	2.3
Oct.	11,483.4	2,750.3	24.0	57.2	0.5	140.4	1.2	975.9	8.5	306.4	2.7	263.3	2.3
Nov.	11,901.6	2,749.5	23.1	50.4	0.4	97.4	0.8	1,014.5	8.5	372.7	3.1	266.5	2.2
Dec.	11,635.6	2,679.9	23.0	61.3	0.5	127.4	1.1	987.1	8.5	365.2	3.1	255.3	2.2
2003 Jan.-July	78,464.9	16,269.6	20.7	405.1	0.5	864.9	1.1	6,827.4	8.7	2,573.9	3.3	1,664.5	2.1
Jan.	10,060.4	2,265.9	22.5	53.6	0.5	107.3	1.1	900.9	9.0	338.6	3.4	206.1	2.0
Feb.	9,825.1	2,120.8	21.6	55.9	0.6	91.7	0.9	907.2	9.2	361.2	3.7	203.9	2.1
Mar.	12,612.9	2,910.5	23.1	62.8	0.5	149.4	1.2	1,074.8	8.5	432.8	3.4	259.7	2.1
Apr.	11,458.3	2,526.4	22.0	56.0	0.5	129.3	1.1	936.5	8.2	372.9	3.3	245.8	2.1
* May	11,260.9	2,209.0	19.6	55.5	0.5	126.1	1.1	989.6	8.8	346.2	3.1	256.8	2.3
June	11,607.9	2,136.2	18.4	59.1	0.5	139.9	1.2	1,033.2	8.9	374.9	3.2	243.6	2.1
July	11,639.3	2,100.8	18.0	62.1	0.5	121.2	1.0	985.1	8.5	347.2	3.0	248.7	2.1

時期 PERIOD	法 國 France		德 國 Germany		義 大 利 Italy		荷 蘭 Netherlands		西 班 牙 Spain		瑞 典 Sweden		瑞 士 Switzerland	
	價 值	占總 額百 分比	價 值	占總 額百 分比	價 值	占總 額百 分比	價 值	占總 額百 分比	價 值	占總 額百 分比	價 值	占總 額百 分比	價 值	占總 額百 分比
	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%
2001 Dec.	97.2	0.9	398.0	3.9	108.0	1.1	386.0	3.8	64.1	0.6	30.9	0.3	20.1	0.2
2002 Jan.-July	641.8	0.9	2,086.1	2.8	710.7	1.0	2,157.0	2.9	364.3	0.5	206.1	0.3	139.4	0.2
Jan.	112.2	1.2	316.4	3.3	103.9	1.1	328.2	3.4	48.6	0.5	29.1	0.3	22.4	0.2
Feb.	71.0	0.9	272.7	3.4	96.6	1.2	313.7	3.9	49.1	0.6	24.8	0.3	19.5	0.2
Mar.	119.9	1.0	333.5	2.9	109.0	1.0	365.8	3.2	58.2	0.5	31.0	0.3	22.4	0.2
Apr.	79.0	0.7	318.7	2.9	112.6	1.0	316.1	2.9	57.9	0.5	28.4	0.3	18.9	0.2
May	76.6	0.7	298.6	2.7	108.8	1.0	272.9	2.5	50.1	0.5	30.6	0.3	21.1	0.2
June	102.4	0.9	261.3	2.3	105.8	0.9	283.8	2.5	55.8	0.5	32.5	0.3	16.7	0.1
July	80.6	0.7	285.0	2.6	73.9	0.7	276.5	2.5	44.6	0.4	29.9	0.3	18.5	0.2
Aug.	85.5	0.8	283.5	2.6	92.6	0.9	292.4	2.7	68.4	0.6	27.7	0.3	22.3	0.2
Sept.	81.0	0.7	338.1	3.0	103.5	0.9	305.9	2.7	47.0	0.4	26.7	0.2	18.5	0.2
Oct.	97.9	0.9	361.4	3.1	113.8	1.0	343.2	3.0	58.9	0.5	31.7	0.3	22.6	0.2
Nov.	126.5	1.1	374.1	3.1	109.6	0.9	358.7	3.0	73.3	0.6	30.0	0.3	30.1	0.3
Dec.	90.1	0.8	392.7	3.4	123.7	1.1	314.8	2.7	69.1	0.6	37.1	0.3	27.5	0.2
2003 Jan.-July	715.5	0.9	2,269.3	2.9	810.8	1.0	1,980.2	2.5	457.2	0.6	208.5	0.3	160.9	0.2
Jan.	82.5	0.8	330.6	3.3	102.8	1.0	225.9	2.2	61.4	0.6	31.7	0.3	22.6	0.2
Feb.	79.8	0.8	354.1	3.6	105.9	1.1	240.0	2.4	53.4	0.5	26.3	0.3	21.9	0.2
Mar.	92.0	0.7	358.7	2.8	136.0	1.1	336.8	2.7	67.4	0.5	31.7	0.3	30.6	0.2
Apr.	88.1	0.8	337.6	2.9	135.7	1.2	280.1	2.4	69.9	0.6	32.2	0.3	21.9	0.2
* May	85.9	0.8	298.7	2.7	123.5	1.1	289.2	2.6	68.2	0.6	30.2	0.3	22.0	0.2
June	173.0	1.5	292.4	2.5	124.4	1.1	304.1	2.6	75.8	0.7	27.3	0.2	19.1	0.2
July	114.2	1.0	297.2	2.6	82.5	0.7	304.1	2.6	61.1	0.5	29.1	0.3	22.8	0.2

* Revised figure.

Source: See Table 13.

出口貨物價值

by Destination

價值單位：離岸價格百萬美元

菲律賓		越南		新加坡		泰國		沙烏地阿拉伯		阿拉伯聯合大公國		比利時		時期 PERIOD
Philippines		Vietnam		Singapore		Thailand		Saudi Arabia		United Arab Emirates		Belgium		
價值	占總額百分比	價值	占總額百分比	價值	占總額百分比	價值	占總額百分比	價值	占總額百分比	價值	占總額百分比	價值	占總額百分比	
Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	
120.1	1.2	165.8	1.6	360.6	3.5	174.1	1.7	27.3	0.3	60.8	0.6	59.1	0.6	民國90年 12月
1,158.7	1.6	1,198.8	1.6	2,426.2	3.3	1,332.8	1.8	194.9	0.3	425.4	0.6	365.8	0.5	91年 1-7月
128.3	1.3	142.6	1.5	323.6	3.3	168.0	1.7	26.8	0.3	58.3	0.6	57.0	0.6	1月
126.7	1.6	93.7	1.2	287.7	3.6	157.8	2.0	21.6	0.3	49.1	0.6	45.7	0.6	2月
182.0	1.6	186.1	1.6	347.0	3.0	233.9	2.0	28.6	0.2	65.1	0.6	62.7	0.5	3月
178.9	1.6	200.1	1.8	362.3	3.3	190.2	1.8	29.9	0.3	69.3	0.6	50.3	0.5	4月
185.4	1.7	198.9	1.8	358.7	3.2	197.3	1.8	28.4	0.3	66.0	0.6	49.3	0.4	5月
177.8	1.6	197.5	1.8	367.3	3.3	189.6	1.7	26.1	0.2	53.9	0.5	51.5	0.5	6月
180.2	1.6	179.8	1.6	379.7	3.4	196.1	1.8	33.5	0.3	63.8	0.6	49.2	0.4	7月
182.6	1.7	181.7	1.7	384.9	3.5	184.8	1.7	28.1	0.3	55.7	0.5	52.0	0.5	8月
160.4	1.4	198.1	1.8	367.4	3.3	191.3	1.7	31.4	0.3	63.7	0.6	49.6	0.4	9月
160.5	1.4	224.3	2.0	390.8	3.4	196.9	1.7	26.1	0.2	61.3	0.5	56.6	0.5	10月
162.9	1.4	239.5	2.0	386.9	3.3	195.0	1.6	27.0	0.2	57.8	0.5	54.1	0.5	11月
146.4	1.3	244.9	2.1	421.6	3.6	192.5	1.7	27.9	0.2	61.3	0.5	63.4	0.5	12月
1,253.5	1.6	1,456.9	1.9	2,680.7	3.4	1,437.4	1.8	205.0	0.3	416.0	0.5	421.9	0.5	92年 1-7月
159.9	1.6	172.3	1.7	320.6	3.2	188.0	1.9	26.8	0.3	54.8	0.5	54.5	0.5	1月
182.1	1.9	158.3	1.6	339.4	3.5	178.7	1.8	19.2	0.2	41.5	0.4	52.5	0.5	2月
211.3	1.7	256.4	2.0	411.8	3.3	246.8	2.0	30.8	0.2	59.3	0.5	70.6	0.6	3月
184.2	1.6	229.5	2.0	365.0	3.2	199.7	1.7	24.6	0.2	51.3	0.4	65.5	0.6	4月
166.6	1.5	234.6	2.1	375.1	3.3	206.0	1.8	31.0	0.3	68.5	0.6	60.9	0.5	*5月
172.7	1.5	223.8	1.9	395.8	3.4	210.6	1.8	35.4	0.3	78.8	0.7	60.7	0.5	6月
176.7	1.5	182.0	1.6	473.0	4.1	207.5	1.8	37.2	0.3	61.8	0.5	57.2	0.5	7月

英國		巴西		加拿大		美國		巴拿馬		澳洲		紐西蘭		時期 PERIOD
United Kingdom		Brazil		Canada		United States		Panama		Australia		New Zealand		
價值	占總額百分比	價值	占總額百分比	價值	占總額百分比	價值	占總額百分比	價值	占總額百分比	價值	占總額百分比	價值	占總額百分比	
Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	
268.3	2.6	47.9	0.5	126.1	1.2	2,172.5	21.2	10.0	0.1	111.2	1.1	14.8	0.1	民國90年 12月
1,676.7	2.3	299.3	0.4	881.8	1.2	15,395.7	21.0	82.8	0.1	870.7	1.2	113.6	0.2	91年 1-7月
217.5	2.2	39.4	0.4	121.0	1.2	2,050.3	21.2	12.3	0.1	106.3	1.1	13.0	0.1	1月
206.7	2.6	36.4	0.5	101.3	1.3	1,716.4	21.3	8.8	0.1	95.9	1.2	12.1	0.2	2月
279.8	2.4	46.8	0.4	143.5	1.3	2,269.9	19.8	10.1	0.1	133.2	1.2	16.6	0.1	3月
246.4	2.3	45.5	0.4	127.9	1.2	2,229.8	20.5	12.3	0.1	134.2	1.2	17.3	0.2	4月
251.6	2.3	48.8	0.4	119.2	1.1	2,238.9	20.3	12.8	0.1	123.3	1.1	17.4	0.2	5月
238.2	2.1	43.8	0.4	125.4	1.1	2,366.9	21.1	11.9	0.1	128.2	1.1	18.0	0.2	6月
236.0	2.1	38.6	0.3	143.7	1.3	2,523.5	22.6	14.5	0.1	149.6	1.3	19.3	0.2	7月
229.6	2.1	29.9	0.3	129.1	1.2	2,289.1	21.0	9.5	0.1	141.0	1.3	19.1	0.2	8月
225.3	2.0	37.3	0.3	128.6	1.1	2,325.7	20.7	11.5	0.1	145.0	1.3	19.8	0.2	9月
254.3	2.2	34.4	0.3	142.6	1.2	2,192.5	19.1	8.8	0.1	151.1	1.3	21.8	0.2	10月
261.6	2.2	37.0	0.3	127.5	1.1	2,394.0	20.1	6.1	0.1	158.1	1.3	19.4	0.2	11月
261.5	2.2	33.1	0.3	124.0	1.1	2,166.7	18.6	8.6	0.1	120.7	1.0	19.0	0.2	12月
1,577.1	2.0	243.4	0.3	834.6	1.1	14,583.1	18.6	62.4	0.1	1,020.3	1.3	177.7	0.2	92年 1-7月
195.9	1.9	30.0	0.3	113.5	1.1	1,934.1	19.2	5.8	0.1	146.0	1.5	25.7	0.3	1月
200.2	2.0	33.7	0.3	104.0	1.1	1,825.3	18.6	5.5	0.1	117.7	1.2	14.0	0.1	2月
255.3	2.0	32.6	0.3	136.3	1.1	2,251.5	17.9	8.0	0.1	142.8	1.1	19.6	0.2	3月
246.3	2.1	36.6	0.3	127.1	1.1	2,163.1	18.9	11.0	0.1	158.6	1.4	28.0	0.2	4月
215.2	1.9	33.3	0.3	118.7	1.1	2,047.5	18.2	10.0	0.1	123.5	1.1	36.1	0.3	*5月
227.4	2.0	37.4	0.3	113.6	1.0	2,116.8	18.2	12.0	0.1	172.1	1.5	27.2	0.2	6月
236.7	2.0	39.8	0.3	121.5	1.0	2,244.9	19.3	10.1	0.1	159.5	1.4	27.0	0.2	7月

* 係修正數。

資料來源：同表13。

18. 核准華僑及外 Approved Private Foreign and Overseas

Unit: US\$ 1,000

時 期 PERIOD	合 計 Total		華 僑 OVERSEAS CHINESE							
			小 計 Subtotal		香 港 Hong Kong		菲 律 賓 Philippines		其 他 地 區 Others	
	件 數 Cases	金 額 Amount	件 數 Cases	金 額 Amount	件 數 Cases	金 額 Amount	件 數 Cases	金 額 Amount	件 數 Cases	金 額 Amount
2001 Aug.	97	292,606	3	1,926	1	101	-	-	2	1,825
Sept.	81	214,053	1	754	-	166	-	-	1	588
Oct.	89	265,134	-	19	-	-	-	-	-	19
Nov.	76	364,268	2	136	-	-	-	-	2	136
Dec.	115	492,618	3	9,173	-	-	-	24	3	9,149
2002 Jan.	73	358,092	2	10,234	-	661	-	-	2	9,573
Feb.	57	206,256	-	25,752	-	-	-	-	-	25,752
Mar.	89	193,270	1	71	-	-	-	-	1	71
Apr.	105	173,809	4	84	1	1	-	-	3	83
May	108	351,201	2	335	-	-	1	197	1	138
June	112	205,331	3	544	-	-	-	49	3	495
July	83	351,567	1	1,645	-	-	-	-	1	1,645
Aug.	89	212,025	2	816	1	395	-	-	1	421
Sept.	108	221,197	2	738	-	8	1	134	1	596
Oct.	100	410,484	3	2,262	1	354	-	-	2	1,908
Nov.	103	315,749	2	280	-	-	-	-	2	280
Dec.	115	272,766	3	2,199	-	-	-	26	3	2,173
2003 Jan.	91	210,283	1	43	-	-	-	-	1	43
Feb.	77	81,580	1	66	1	14	-	-	-	52
Mar.	88	308,287	2	129	-	-	-	-	2	129
Apr.	88	139,491	1	3	-	-	-	-	1	3
May	74	261,382	1	574	-	-	-	-	1	574
June	85	165,825	1	591	1	3	-	-	-	588

Source: Investment Commission, Ministry of Economic Affairs, R.O.C., *Statistics on Overseas Chinese & Foreign Investment, Outward Investment, Indirect Mainland Investment, R.O.C.*

19. 核准華僑及外 Approved Private Foreign and Overseas

Unit: US\$ 1,000

民國41年—91年 (1952-2002)

單位：千美元

業 別 INDUSTRIES	合 計 Total		華 僑 Overseas Chinese		外 國 人 Private Foreign	
	件 數 Cases	金 額 Amount	件 數 Cases	金 額 Amount	件 數 Cases	金 額 Amount
	合 計 Total	14,839	52,966,585	2,793	3,901,815	12,046	49,064,770
食品及飲料製造業 Food & Beverages	341	1,338,799	123	73,307	218	1,265,492
電子及電器產品製造業 Electronic & Electric Products	2,043	12,239,449	211	217,222	1,832	12,022,227
紡織及服飾品業 Textiles & Apparels	378	780,064	197	254,593	181	525,471
造紙及印刷業 Paper & Paper Products	90	203,116	37	66,591	53	136,525
化學品製造業 Chemicals	648	4,163,430	123	105,389	525	4,058,041
非金屬及礦產物製品製造業 Non-metallic Mineral Products	257	851,584	104	293,273	153	558,311
基本金屬及金屬製品製造業 Basic Metals & Metal Products	661	2,458,796	110	130,374	551	2,328,422
機械製造業 Machinery, Equipment & Instruments	584	1,906,818	75	61,542	509	1,845,276
運 輸 業 Transportation	332	1,081,690	99	183,819	233	897,871
建築營造業 Construction of Buildings	477	765,700	168	139,803	309	625,897
金融保險業 Banking & Insurance	889	9,151,456	84	1,343,505	805	7,807,951
服 務 業 Services	2,225	5,932,732	328	668,106	1,897	5,264,626
其 他 Others	5,914	12,092,951	1,134	364,291	4,780	11,728,660

Source: See Table 18.

國人投資地區別

Chinese Investment by Area

單位：千美元

外 國 人 PRIVATE FOREIGN										時 期 PERIOD	
小 計 Subtotal		美 國 U.S.A.		日 本 Japan		歐 洲 地 區 Europe		其 他 地 區 Others			
件 數 Cases	金 額 Amount	件 數 Cases	金 額 Amount	件 數 Cases	金 額 Amount	件 數 Cases	金 額 Amount	件 數 Cases	金 額 Amount		
94	290,680	8	67,106	17	50,808	13	4,774	56	167,992	民國90年 8月 9月 10月 11月 12月	
80	213,299	9	17,429	12	12,093	5	7,240	54	176,537		
89	265,115	13	31,698	12	14,982	12	95,149	52	123,286		
74	364,132	13	59,773	16	80,538	15	113,759	30	110,062		
112	483,445	15	111,258	27	34,030	8	162,377	62	175,780		
71	347,858	7	53,108	15	20,753	9	8,551	40	265,446		91年 1月 2月 3月 4月 5月 6月 7月 8月 9月 10月 11月 12月
57	180,504	5	14,659	10	38,900	10	37,600	32	89,345		
88	193,199	10	35,061	14	34,416	14	32,130	50	91,592		
101	173,725	13	33,385	18	11,623	7	37,164	63	91,553		
106	350,866	19	86,118	23	135,607	10	32,656	54	96,485		
109	204,787	20	24,005	22	23,831	7	17,081	60	139,870		
82	349,922	8	91,568	17	56,834	8	64,461	49	137,059		
87	211,209	11	9,901	17	54,041	10	78,117	49	69,150		
106	220,459	17	108,068	19	12,827	7	4,154	63	95,410		
97	408,222	11	65,666	21	145,007	8	55,834	57	141,715		
101	315,469	9	28,593	19	43,444	16	172,210	57	71,222		
112	270,567	22	23,521	16	30,821	13	69,148	61	147,077		
90	210,240	15	16,468	19	25,688	6	53,124	50	114,960	92年 1月 2月 3月 4月 5月 6月	
76	81,514	11	19,827	15	3,981	7	5,099	43	52,607		
86	308,158	13	68,236	18	7,835	7	34,822	48	197,265		
87	139,488	13	26,103	18	29,114	8	18,665	48	65,606		
73	260,808	9	165,316	18	26,943	8	5,302	38	63,247		
84	165,234	7	13,343	11	12,135	9	9,034	57	130,722		

資料來源：經濟部投資審議委員會編印中華民國華僑及外國人投資、對外投資、對大陸間接投資統計月報。

國人投資業別

Chinese Investment by Industry

Unit: US\$ 1,000

民國 92年1-6月 (Jan.-June 2003)

單位：千美元

業 別 INDUSTRIES	合 計 Total		華 僑 Overseas Chinese		外 國 人 Private Foreign	
	件 數 Cases	金 額 Amount	件 數 Cases	金 額 Amount	件 數 Cases	金 額 Amount
合 計 Total	503	1,166,848	7	1,406	496	1,165,442
食品及飲料製造業 Food & Beverages	4	11,136	-	-	4	11,136
電子及電器產品製造業 Electronic & Electric Products	64	230,660	-	-	64	230,660
紡織及服飾品業 Textiles & Apparels	7	15,567	-	588	7	14,979
造紙及印刷業 Paper & Paper Products	4	3,767	-	-	4	3,767
化學品製造業 Chemicals	12	105,966	-	-	12	105,966
非金屬及礦產物製品製造業 Non-metallic Mineral Products	2	3,245	-	-	2	3,245
基本金屬及金屬製品製造業 Basic Metals & Metal Products	6	7,872	-	-	6	7,872
機械製造業 Machinery, Equipment & Instruments	11	14,621	-	-	11	14,621
運 輸 業 Transportation	9	12,186	-	29	9	12,157
建築營造業 Construction of Buildings	29	17,033	-	-	29	17,033
金融保險業 Banking & Insurance	56	199,924	1	611	55	199,313
服 務 業 Services	71	200,259	-	15	71	200,244
其 他 Others	228	344,612	6	163	222	344,449

資料來源：同表18。

20. 核准對外投資分區統計表 Approved Outward Investment by Area

Unit : US\$1,000

單位：千美元

時 期 PERIOD	合 計 Total		亞洲地區 Asian Countries		美洲地區 American Countries		歐洲地區 European Countries		其他地區 Others		時 期 PERIOD
	件 數 Cases	金 額 Amount	件 數 Cases	金 額 Amount	件 數 Cases	金 額 Amount	件 數 Cases	金 額 Amount	件 數 Cases	金 額 Amount	
1992	300	887,259	156	369,929	100	449,096	36	45,933	8	22,301	民國 81年
1993	326	1,660,935	181	663,514	115	740,110	27	255,913	3	1,398	82年
1994	324	1,616,764	170	559,471	129	988,336	21	22,209	4	46,748	83年
1995	339	1,356,878	175	467,743	134	787,105	16	59,868	14	42,162	84年
1996	470	2,165,404	197	661,717	245	1,442,953	10	11,875	18	48,859	85年
1997	759	2,893,826	204	818,743	521	1,915,948	26	58,508	8	100,627	86年
1998	897	3,296,302	226	580,819	610	2,637,021	50	33,828	11	44,634	87年
1999	774	3,269,013	153	836,378	555	2,267,710	48	60,982	18	103,943	88年
2000	1,391	5,077,062	222	851,065	1,094	3,946,021	42	62,225	33	217,751	89年
2001	1,388	4,391,654	222	814,981	1,080	3,460,902	45	45,594	41	70,177	90年
2002	925	3,370,046	182	528,054	654	2,475,575	32	123,416	57	243,001	91年
2001 July	122	245,764	24	28,876	93	213,191	4	3,486	1	211	90年 7月
Aug.	103	251,075	19	19,580	73	223,750	6	7,045	5	700	8月
Sept.	158	261,649	26	157,067	129	98,927	1	3,760	2	1,895	9月
Oct.	125	359,512	9	152,846	103	160,020	5	1,757	8	44,889	10月
Nov.	124	484,251	19	32,643	99	449,564	6	2,044	-	-	11月
Dec.	118	260,329	21	34,803	84	208,238	2	5,294	11	11,994	12月
2002 Jan.	116	326,356	21	21,207	84	272,857	6	11,874	5	20,418	91年 1月
Feb.	46	172,584	11	16,490	28	143,678	3	10,147	4	2,269	2月
Mar.	57	447,699	15	29,418	34	398,507	1	1,658	7	18,116	3月
Apr.	79	189,442	12	48,030	63	128,454	1	7,966	3	4,992	4月
May	58	201,128	17	129,348	34	63,547	2	3,563	5	4,670	5月
June	72	193,072	15	15,404	52	176,192	1	1,128	4	348	6月
July	86	299,404	18	115,983	61	108,960	3	5,681	4	68,780	7月
Aug.	97	160,568	12	11,353	75	119,618	5	25,783	5	3,814	8月
Sept.	109	370,319	15	32,790	85	277,527	7	13,797	2	46,205	9月
Oct.	73	333,941	13	25,686	55	303,008	-	2,564	5	2,683	10月
Nov.	78	465,130	13	58,109	56	343,747	2	37,704	7	25,570	11月
Dec.	54	210,403	20	24,236	27	139,480	1	1,551	6	45,136	12月
2003 Jan.	84	419,035	19	46,628	50	354,936	8	10,333	7	7,138	92年 1月
Feb.	64	242,026	8	13,586	47	220,129	3	982	6	7,329	2月
Mar.	78	250,141	26	41,473	36	175,125	6	9,546	10	23,997	3月
Apr.	60	280,675	20	27,757	29	229,311	2	17,059	9	6,548	4月
May	66	310,893	16	20,565	38	274,256	3	568	9	15,504	5月
June	62	188,382	12	18,151	35	147,508	3	5,198	12	17,525	6月

Source: See Table 18.

21. 核准對外投資分業統計表 Approved Outward Investment by Industry

Unit : US\$1,000

單位：千美元

業 別 INDUSTRIES	民國41年－91年 (1952 - 2002)		民國92年 1-6月 (Jan.-June 2003)	
	件 數 Cases	金 額 Amount	件數 Cases	金額 Amount
合 計 Total	9,130	34,717,684	414	1,691,152
食品及飲料製造業 Food & Beverages	79	491,304	3	9,206
紡織及服飾品業 Textiles & Apparels	256	1,041,366	13	31,135
造紙及印刷業 Paper Products & Printing	34	236,399	-	332
化學品製造業 Chemicals	396	1,660,083	21	38,926
橡膠製品製造業 Rubber Products	80	226,225	1	5,300
非金屬及礦產物製品製造業 Non-metallic Minerals	79	425,596	-	-
基本金屬及金屬製品製造業 Basic Metals & Metal Products	164	894,773	4	4,698
電子及電器產品製造業 Electronic & Electric Appliances	2,611	6,303,429	105	154,742
運輸工具製造業 Transport Equipment	91	576,048	3	6,588
批發零售業 Wholesale & Retail	613	1,346,679	17	43,123
國際貿易業 Trade	1,048	1,879,979	40	47,042
運輸業 Transportation	115	1,342,437	4	60,644
金融保險業 Banking & Insurance	1,470	14,516,100	97	1,120,313
服務業 Services	1,521	2,603,469	68	99,707
其他 Others	573	1,173,797	38	69,396

Source: See Table 18.

資料來源：同表18。

22. 貨 幣 Money

Unit : NT\$ million

年底或月底 END OF PERIOD	貨幣機構與 郵匯局以外 各部門持有 通貨 Currency Held by The Public (1)	存款貨幣 Deposit Money				準 貨 幣		
		計 Subtotal (2)	支票存款 (a) Checking Accounts (3)	活期存款 Passbook Deposits (4)	活期儲蓄存款 Passbook Savings Deposits (5)	計 Subtotal (6)	定期及定期 儲蓄存款 Time & Savings Deposits (7)	外匯存款 Foreign Currency Deposits (8)
1993 Dec.	461,137	2,336,003	304,152	760,301	1,271,550	7,373,059	5,654,447	111,289
1994 Dec.	497,747	2,641,523	320,664	828,483	1,492,376	8,563,516	6,569,393	127,475
1995 Dec.	506,694	2,656,407	324,870	741,166	1,590,371	9,642,264	7,320,199	215,535
1996 Dec.	498,513	2,927,545	314,356	820,573	1,792,616	10,547,818	7,857,957	309,854
1997 Dec.	510,364	3,204,888	308,031	892,481	2,004,376	11,379,107	8,311,358	569,905
1998 Dec.	513,745	3,341,039	293,568	932,201	2,115,270	12,531,938	9,388,854	603,545
1999 Dec.	611,167	3,896,013	332,324	1,025,928	2,537,761	13,237,833	9,695,499	653,883
2000 Dec.	527,748	3,964,324	321,250	1,053,648	2,589,426	14,405,725	9,960,636	1,176,943
2001 Dec.	525,659	4,500,201	274,532	1,118,498	3,107,171	14,711,086	10,106,876	1,118,853
2002 Dec.	527,431	4,962,875	278,668	1,283,786	3,400,421	14,754,701	10,121,407	1,042,687
2001 Oct.	512,805	3,932,516	228,423	953,352	2,750,741	14,925,059	10,226,957	1,151,841
Nov.	514,657	4,057,805	226,069	954,049	2,877,687	14,832,438	10,194,986	1,118,148
Dec.	525,659	4,500,201	274,532	1,118,498	3,107,171	14,711,086	10,106,876	1,118,853
2002 Jan.	547,635	4,576,001	246,319	1,065,290	3,264,392	14,700,119	10,017,023	1,143,866
Feb.	610,967	4,608,348	272,791	1,016,153	3,319,404	14,771,258	10,015,597	1,173,911
Mar.	559,425	4,685,310	257,843	1,039,562	3,387,905	14,769,843	9,992,675	1,207,055
Apr.	540,339	4,679,480	238,572	1,068,721	3,372,187	14,694,196	9,973,148	1,151,155
May	532,305	4,620,462	232,917	1,084,434	3,303,111	14,646,487	9,970,157	1,115,745
June	523,486	4,770,349	287,733	1,155,470	3,327,146	14,745,951	10,066,924	1,026,800
July	509,593	4,650,058	247,272	1,127,867	3,274,919	14,711,490	10,099,894	956,693
Aug.	510,293	4,730,351	281,376	1,136,813	3,312,162	14,695,903	10,128,283	953,064
Sept.	509,972	4,653,037	252,956	1,141,661	3,258,420	14,683,716	10,125,669	954,117
Oct.	508,623	4,673,710	237,181	1,146,304	3,290,225	14,681,492	10,122,344	987,130
Nov.	520,908	4,738,178	271,098	1,135,181	3,331,899	14,753,174	10,148,294	992,041
Dec.	527,278	4,964,311	278,593	1,284,642	3,401,076	14,755,425	10,122,131	1,042,687
2003 Jan.	791,361	4,939,642	302,553	1,065,907	3,571,182	14,859,253	10,149,343	1,042,217
Feb.	595,678	4,950,457	275,569	1,135,025	3,539,863	14,921,067	10,193,441	1,046,911
Mar.	571,935	4,946,302	246,097	1,166,923	3,533,282	14,849,515	10,135,853	1,056,165
Apr.	562,874	4,980,326	244,158	1,177,443	3,558,725	14,808,009	10,109,201	1,048,561
May	567,887	5,042,153	271,436	1,163,576	3,607,141	14,792,885	10,080,888	1,083,220
* June	570,313	5,224,590	272,160	1,277,426	3,675,004	14,739,120	10,057,109	1,126,002
July	568,151	5,267,354	255,676	1,244,855	3,766,823	14,815,267	10,010,520	1,183,933

(a) Includes cashier's checks, certified and traveler's checks.

(b) Includes giro accounts, passbook savings deposits and time savings deposits of the postal savings system.

(c) Represents repurchase agreements sold to enterprises and individuals by monetary institutions and the postal savings system.

Prior to January 1994, the data are not available.

(d) Includes demand and time deposits held by foreign non-financial institutions.

(e) Represents bond funds where bond funds' deposits with banks and bond funds held by banks have been taken off.

Prior to Jan. 1999, the data are not available.

* Revised figure.

Source: The Central Bank of China, R.O.C., *Financial Statistics Monthly, Taiwan District, R.O.C.*

供給額 Supply

單位：新臺幣百萬元

Quasi-Money			貨幣供給額 Money Supply			債券型基金 (淨額) (e) Bond Funds (Net) (15)	M2+ 債券型基金 (淨額) M2+ Bond Funds (Net) (16) =(14)+(15)	年底或月底 END OF PERIOD
郵政儲金 (b) Postal Savings Deposits (9)	附買回 交易餘額 (c) Repurchase Agreements (10)	外國人新 臺幣存款 (d) Non- Residents N.T. Deposits (11)	M1A (12) =(1)+(3)+(4)	M1B (13) =(12)+(5)	M2 (14) =(13)+(6)			
1,607,323	-	-	1,525,590	2,797,140	10,170,199	-	-	民國 82年 12月
1,757,430	94,097	15,121	1,646,894	3,139,270	11,702,786	-	-	83年 12月
1,962,432	117,585	26,513	1,572,730	3,163,101	12,805,365	-	-	84年 12月
2,227,858	109,689	42,460	1,633,442	3,426,058	13,973,876	-	-	85年 12月
2,235,777	224,146	37,921	1,710,876	3,715,252	15,094,359	-	-	86年 12月
2,267,995	237,999	33,545	1,739,514	3,854,784	16,386,722	-	-	87年 12月
2,553,400	285,604	49,447	1,969,419	4,507,180	17,745,013	345,689	18,090,702	88年 12月
2,829,696	356,693	81,757	1,902,646	4,492,072	18,897,797	430,313	19,328,110	89年 12月
3,041,226	349,770	94,361	1,918,689	5,025,860	19,736,946	798,793	20,535,739	90年 12月
3,061,512	423,198	105,897	2,089,885	5,490,306	20,245,007	1,124,544	21,403,581	91年 12月
3,051,130	398,310	96,821	1,694,580	4,445,321	19,370,380	746,229	20,116,609	90年 10月
3,049,112	376,284	93,908	1,694,775	4,572,462	19,404,900	812,632	20,217,532	11月
3,041,226	349,770	94,361	1,918,689	5,025,860	19,736,946	798,793	20,535,739	12月
3,082,296	360,613	96,321	1,859,244	5,123,636	19,823,755	863,027	20,686,782	91年 1月
3,131,795	355,611	94,344	1,899,911	5,219,315	19,990,573	916,307	20,906,880	2月
3,113,059	360,045	97,009	1,856,830	5,244,735	20,014,578	906,443	20,921,021	3月
3,096,208	368,414	105,271	1,847,632	5,219,819	19,914,015	978,303	20,892,318	4月
3,071,860	378,940	109,785	1,849,656	5,152,767	19,799,254	1,016,667	20,815,921	5月
3,073,293	439,000	139,934	1,966,689	5,293,835	20,039,786	1,008,856	21,048,642	6月
3,078,079	434,902	141,922	1,884,732	5,159,651	19,871,141	1,139,260	21,010,401	7月
3,068,454	423,369	122,733	1,928,482	5,240,644	19,936,547	1,149,984	21,086,531	8月
3,052,701	424,053	127,176	1,904,589	5,163,009	19,846,725	1,116,930	20,963,655	9月
3,043,969	417,586	110,463	1,892,108	5,182,333	19,863,825	1,128,299	20,992,124	10月
3,050,803	460,754	101,282	1,927,187	5,259,086	20,012,260	1,158,574	21,170,834	11月
3,061,512	423,198	105,897	2,090,513	5,491,589	20,247,014	1,124,544	21,371,558	12月
3,162,130	398,273	107,290	2,159,821	5,731,003	20,590,256	1,218,723	21,808,979	92年 1月
3,160,266	406,645	113,804	2,006,272	5,546,135	20,467,202	1,233,450	21,700,652	2月
3,135,106	414,290	108,101	1,984,955	5,518,237	20,367,752	1,219,749	21,587,501	3月
3,126,005	425,010	99,232	1,984,475	5,543,200	20,351,209	1,333,790	21,684,999	4月
3,122,355	399,361	107,061	2,002,899	5,610,040	20,402,925	1,350,295	21,753,220	5月
3,109,702	341,196	105,111	2,119,899	5,794,903	20,534,023	1,289,286	21,823,309	* 6月
3,127,714	362,874	130,226	2,068,682	5,835,505	20,650,772	1,390,302	22,041,074	7月

(a) 包括本票、保付支票及旅行支票。

(b) 包括劃撥儲金、存簿儲金及定期儲金。

(c) 係指銀行賣出附買回約定債(票)券交易餘額中，屬企業及個人部分。民國82年12月以前缺該項資料。

(d) 包括國外非金融機構持有之活期性及定期性存款。

(e) 係指債券型基金扣除基金存放在銀行之存款，以及銀行持有之債券型基金，民國87年12月以前缺該項資料。

*係修正數。

資料來源：中央銀行編印中華民國臺灣地區金融統計月報。

23. 主要金融機構 Deposits and Loans of Main

Unit : NT\$ million

年底或月底 END OF PERIOD	存款 DEPOSITS							
	合計 Total	本國一般銀行 All Domestic Banks	外國銀行在臺分行 Local Branches of Foreign Banks	中小企業銀行 Medium Business Banks	信用合作社 Credit Co-operative Associations	農漁會信用部 Farmers' and Fishermen's Associations	信託投資公司 Investment and Trust Companies	郵政儲金 Postal Savings
1993 Dec.	10,713,216	5,102,430	122,456	967,787	1,493,538	1,058,591	361,091	1,607,323
1994 Dec.	12,073,260	5,907,824	148,332	1,110,538	1,650,984	1,221,535	276,617	1,757,430
1995 Dec.	13,091,742	6,580,107	188,725	1,226,045	1,620,175	1,253,527	260,731	1,962,432
1996 Dec.	14,237,548	7,318,876	238,982	1,288,041	1,622,250	1,275,103	266,438	2,227,858
1997 Dec.	15,280,181	8,573,291	358,457	1,350,968	1,194,926	1,302,252	264,510	2,235,777
1998 Dec.	16,497,667	10,240,228	359,433	1,009,553	1,066,319	1,349,105	205,034	2,267,995
1999 Dec.	17,699,251	11,435,213	408,414	806,731	922,573	1,416,619	156,301	2,553,400
2000 Dec.	18,827,347	12,308,285	546,975	822,177	822,916	1,392,360	104,938	2,829,696
2001 Dec.	19,713,065	13,199,493	488,926	861,490	699,555	1,305,268	117,107	3,041,226
2002 Dec.	20,052,341	13,565,396	494,377	902,468	665,145	1,247,210	116,233	3,061,512
2001 Aug.	19,273,816	12,571,063	480,817	864,512	803,739	1,386,695	112,858	3,054,132
2001 Sept.	19,301,221	12,803,190	476,044	856,297	693,143	1,297,071	114,854	3,060,622
2001 Oct.	19,254,730	12,766,465	484,108	843,862	693,399	1,298,354	117,412	3,051,130
2001 Nov.	19,323,584	12,838,210	485,308	843,154	693,473	1,297,582	116,745	3,049,112
2001 Dec.	19,713,065	13,199,493	488,926	861,490	699,555	1,305,268	117,107	3,041,226
2002 Jan.	19,691,940	13,121,219	504,899	854,642	703,175	1,308,294	117,415	3,082,296
2002 Feb.	19,763,744	13,125,012	516,314	854,671	705,677	1,312,737	117,538	3,131,795
2002 Mar.	19,832,823	13,199,048	527,808	851,698	708,858	1,314,988	117,364	3,113,059
2002 Apr.	19,748,691	13,162,429	507,704	847,138	705,922	1,308,690	120,600	3,096,208
2002 May	19,654,101	13,116,105	511,372	838,736	694,723	1,300,826	120,479	3,071,860
2002 June	19,819,650	13,267,849	497,576	855,645	694,805	1,308,548	121,934	3,073,293
2002 July	19,653,982	13,151,418	487,587	853,988	687,457	1,273,311	122,142	3,078,079
2002 Aug.	19,735,083	13,239,759	492,439	866,901	677,298	1,269,129	121,103	3,068,454
2002 Sept.	19,663,964	13,210,681	487,577	861,810	672,465	1,259,332	119,398	3,052,701
2002 Oct.	19,687,831	13,241,691	494,852	864,489	671,624	1,253,144	118,062	3,043,969
2002 Nov.	19,803,828	13,353,448	486,038	874,514	672,942	1,248,200	117,883	3,050,803
2002 Dec.	20,052,341	13,565,396	494,377	902,468	665,145	1,247,210	116,233	3,061,512
2003 Jan.	20,107,221	13,521,847	489,401	915,674	662,898	1,238,346	116,925	3,162,130
2003 Feb.	20,175,509	13,564,618	497,378	915,848	668,368	1,250,975	118,056	3,160,266
2003 Mar.	20,097,876	13,504,506	518,411	909,604	666,891	1,244,824	118,534	3,135,106
2003 Apr.	20,084,348	13,513,368	504,726	911,250	666,434	1,243,862	118,703	3,126,005
2003 May	20,175,357	13,591,339	513,014	917,617	665,923	1,246,739	118,370	3,122,355
* 2003 June	20,385,881	13,795,607	523,970	921,395	665,308	1,252,561	117,338	3,109,702
2003 July	20,448,740	13,842,518	534,704	916,441	650,482	1,260,182	116,699	3,127,714

*Revised figure.

Source: See Table 22.

存款及放款

Financial Institutions

單位：新臺幣百萬元

放款 LOANS								年底或月底
合計	本國一般銀行	外國銀行 在臺分行	中小企業銀行	信用合作社	農漁會信用部	信託投資公司	郵政儲金	END OF PERIOD
Total	All Domestic Banks	Local Bran- ches of For- eign Banks	Medium Business Banks	Credit Co-operative Associations	Farmers' and Fishermen's Associations	Investment and Trust Companies	Postal Savings	
8,713,028	5,652,069	263,390	894,016	921,294	701,077	276,074	5,108	民國82年 12月
10,128,232	6,727,491	280,618	1,054,346	1,020,449	816,967	220,537	2,457	83年 12月
11,016,711	7,383,950	325,236	1,152,905	1,036,354	899,530	215,982	2,574	84年 12月
11,422,982	7,861,661	349,531	1,165,811	962,537	860,117	219,851	3,474	85年 12月
12,789,518	9,289,204	404,639	1,265,182	739,606	760,036	245,874	4,909	86年 12月
13,407,975	10,402,849	385,088	944,628	655,189	717,790	193,867	6,400	87年 12月
13,936,037	11,286,592	382,714	795,456	546,626	670,106	127,284	3,862	88年 12月
14,555,682	11,997,574	391,474	810,777	491,323	635,114	89,782	4,602	89年 12月
13,981,223	11,828,227	369,320	775,842	386,899	547,766	68,260	4,909	90年 12月
13,627,391	11,582,042	357,265	781,652	359,774	491,978	50,364	4,316	91年 12月
13,873,936	11,558,075	381,353	806,225	457,650	586,736	80,666	3,231	90年 8月
13,866,596	11,670,970	376,325	777,434	395,535	560,871	79,192	6,269	9月
13,750,078	11,579,445	372,885	771,990	391,137	555,968	69,974	8,679	10月
13,684,395	11,523,353	374,355	773,695	388,329	550,817	69,518	4,328	11月
13,981,223	11,828,227	369,320	775,842	386,899	547,766	68,260	4,909	12月
13,883,443	11,744,710	368,247	770,710	381,672	537,864	66,774	13,466	91年 1月
13,770,234	11,657,847	368,348	767,079	378,357	529,660	64,779	4,164	2月
13,639,850	11,548,523	360,235	767,652	375,654	522,442	62,237	3,107	3月
13,635,062	11,557,493	358,416	764,141	372,817	516,950	61,204	4,041	4月
13,553,733	11,474,163	370,903	759,469	370,926	512,591	58,126	7,555	5月
13,569,480	11,473,524	385,047	769,530	370,016	509,884	57,872	3,607	6月
13,460,875	11,367,246	403,507	765,987	369,566	498,135	53,936	2,498	7月
13,478,531	11,399,762	398,222	764,930	364,326	494,348	52,567	4,376	8月
13,506,297	11,454,595	386,006	752,346	363,807	495,699	51,691	2,153	9月
13,417,305	11,392,888	375,736	738,842	363,447	493,310	50,239	2,843	10月
13,426,066	11,410,315	369,083	740,043	362,627	491,767	49,312	2,919	11月
13,627,391	11,582,042	357,265	781,652	359,774	491,978	50,364	4,316	12月
13,588,838	11,548,609	365,120	778,175	356,876	484,869	49,948	5,241	92年 1月
13,540,224	11,510,661	359,499	780,112	355,098	480,954	50,249	3,651	2月
13,492,011	11,478,720	353,604	772,574	354,747	478,681	50,896	2,789	3月
13,539,464	11,521,129	357,654	775,645	353,997	476,431	51,633	2,975	4月
13,549,747	11,529,255	355,055	777,800	354,720	473,888	52,481	6,548	5月
13,751,597	11,738,818	356,062	769,528	355,384	471,468	52,712	7,625	* 6月
13,682,877	11,680,284	365,793	762,376	349,542	468,977	51,972	3,933	7月

*係修正數。

資料來源：同表22。

24. 債券及上 Transactions of

1. 債券 BONDS

Unit: NT\$ Million

時 期 PERIOD	債券成交總值 Total Bond Trading			政府債券 Government Bonds	公 司 債 Corporate Bonds	金融債券 Bank Debentures	外國債券 Foreign Securities
	合 計 Total	買 賣 斷 Outright Transactions	附 條 件 REPO & R-REPO				
1993	13,158,239	751,203	12,407,036	13,155,649	2,590	-	-
1994	15,980,709	1,047,730	14,932,979	15,972,914	7,795	-	-
1995	20,802,971	1,774,483	19,028,488	20,795,960	4,693	-	2,318
1996	28,297,525	2,631,834	25,665,691	28,258,786	34,106	-	4,633
1997	40,391,963	2,590,786	37,801,177	40,318,880	46,860	-	26,223
1998	54,957,730	7,157,158	47,800,572	54,678,291	110,467	-	168,972
1999	52,432,572	7,255,824	45,176,748	52,110,611	149,932	-	172,029
2000	68,843,106	16,691,527	52,151,579	68,354,737	243,610	-	244,759
2001	118,992,507	53,023,930	65,968,577	118,334,535	287,897	10,000	360,075
2002	134,399,037	60,659,017	73,740,020	133,187,595	871,335	53,698	286,409
2001 Aug.	10,402,890	4,155,914	6,246,976	10,282,540	20,903	10,000	89,447
2001 Sept.	9,624,059	3,861,589	5,762,470	9,596,218	13,874	-	13,967
2001 Oct.	12,234,006	6,078,589	6,155,417	12,177,611	12,943	-	43,452
2001 Nov.	10,953,426	4,724,656	6,228,770	10,875,297	39,046	-	39,083
2001 Dec.	8,804,598	2,894,048	5,910,550	8,698,196	55,989	-	50,413
2002 Jan.	10,795,701	4,358,209	6,437,492	10,748,622	34,819	2	12,258
2002 Feb.	6,321,608	2,348,369	3,973,239	6,264,383	46,918	-	10,307
2002 Mar.	8,729,836	2,785,631	5,944,205	8,645,289	51,748	627	32,172
2002 Apr.	8,055,448	2,508,457	5,546,991	7,981,122	40,474	1,099	32,753
2002 May	9,129,016	3,073,725	6,055,291	9,028,416	75,489	803	24,308
2002 June	10,465,116	4,666,133	5,798,983	10,404,900	36,650	3,501	20,065
2002 July	11,234,579	4,478,779	6,755,800	11,117,478	65,793	4,277	47,031
2002 Aug.	12,048,722	5,178,716	6,870,006	11,966,833	53,486	15,459	12,944
2002 Sept.	12,045,439	5,661,016	6,384,423	11,941,488	63,167	11,491	29,293
2002 Oct.	13,857,857	7,059,651	6,798,206	13,715,107	105,519	3,627	33,604
2002 Nov.	14,839,284	8,458,201	6,381,083	14,686,457	124,221	10,177	18,429
2002 Dec.	16,876,431	10,082,130	6,794,301	16,687,500	173,051	2,635	13,245
2003 Jan.	15,390,363	8,909,717	6,480,646	15,193,347	147,836	4,189	44,991
2003 Feb.	11,837,947	6,979,191	4,858,756	11,693,595	106,404	8,400	29,548
2003 Mar.	16,493,012	9,850,840	6,642,172	16,256,559	146,074	7,411	82,968
2003 Apr.	21,531,979	14,418,898	7,113,081	21,284,887	176,113	3,749	67,230
2003 May	24,410,841	16,884,089	7,526,752	24,161,050	170,862	19,873	59,056
2003 June	21,811,108	15,128,592	6,682,516	21,539,392	200,030	8,433	63,253
2003 July	18,936,417	12,037,115	6,899,302	18,636,255	226,166	9,239	64,757

*Refer to end of period figures.

Source: See Table 22.

市 股 票 交 易

Bonds and Listed Stocks

2. 上 市 股 票 LISTED STOCKS

單位：新臺幣百萬元

上 市 股 票 Listed Stock					股 價 指 數	時 期
公司家數* Number of Listed Companies	總 面 值* Total Par Value	總 市 值* Total Market Value	總成交值 Total Trading Value	日平均成交值 Average Daily Trading Value	Stock Price Index 1966=100	PERIOD
285	890,513	5,145,410	9,056,716	31,230	4,214.78	民國 82年
313	1,071,103	6,504,368	18,812,112	65,777	6,252.99	83年
347	1,324,572	5,108,437	10,151,198	35,495	5,543.75	84年
382	1,629,381	7,528,851	12,907,562	44,818	6,003.72	85年
404	2,066,324	9,696,113	37,241,148	130,214	8,410.56	86年
437	2,689,504	8,377,035	29,618,969	109,295	7,737.68	87年
462	3,054,000	11,787,331	29,291,525	110,119	7,426.68	88年
531	3,630,045	8,191,474	30,526,568	112,644	7,847.21	89年
584	4,062,775	10,271,712	18,354,935	75,225	4,907.43	90年
638	4,409,697	9,094,936	21,873,952	88,201	5,225.61	91年
538	3,799,851	7,677,978	1,160,036	50,436	4,495.41	90年 8月
587	3,991,555	6,503,221	654,575	38,504	3,949.18	9月
587	4,033,539	7,055,019	986,744	46,988	3,782.45	10月
585	4,038,092	8,106,287	1,857,508	84,432	4,317.99	11月
584	4,062,775	10,271,712	3,010,881	143,375	5,264.16	12月
587	4,063,348	10,870,374	3,337,920	151,724	5,737.00	91年 1月
591	4,066,217	10,582,999	1,222,272	101,856	5,747.76	2月
595	4,050,424	11,584,560	2,772,202	132,010	6,057.68	3月
593	4,041,874	11,409,823	2,461,936	117,235	6,258.54	4月
593	4,057,912	10,699,983	1,666,380	75,745	5,708.80	5月
593	4,060,275	9,529,134	1,327,307	66,365	5,429.04	6月
595	4,089,998	9,052,555	1,581,684	68,769	5,146.00	7月
631	4,266,318	9,206,092	1,357,766	61,717	4,841.69	8月
636	4,338,873	8,232,312	1,026,598	51,330	4,461.69	9月
643	4,398,245	9,187,928	1,670,499	75,932	4,271.87	10月
637	4,400,075	9,393,675	1,878,515	89,453	4,675.60	11月
638	4,409,697	9,094,936	1,570,873	71,403	4,621.36	12月
637	4,390,964	10,247,852	2,102,160	110,640	4,890.00	92年 1月
637	4,384,525	9,066,135	963,644	60,228	4,585.72	2月
639	4,386,150	8,842,471	954,541	45,454	4,449.20	3月
640	4,371,744	8,492,321	1,180,126	53,642	4,449.61	4月
639	4,377,481	9,319,743	985,831	46,944	4,319.44	5月
638	4,366,927	9,935,601	2,018,128	100,906	4,869.95	6月
639	4,403,203	10,654,345	2,940,538	127,849	5,287.12	7月

*指期底數。

資料來源：同表22。

25. 台灣地區躉

Indices of Wholesale Prices

Base:2001=100

Formula: Weighted Aggregates of Value

時 期 PERIOD	總 指 數 General Index	農林漁牧業產品	礦 產 品	製造業產品	食品及飲料	菸 類	紡 織 品
		Agriculture, Forestry, Livestock & Fishery Products	Minerals Products	Manu- facturing Products	Foods & Beverages	Tobaccos	Textile Products
No. of Items	1033	123	15	886	63	2	54
Weights(%⁰⁰)	1000.00	39.300	37.730	889.180	38.610	4.660	37.110
1996	104.15	114.39	67.15	105.29	110.70	96.77	99.14
1997	103.68	101.44	75.54	105.27	105.63	99.19	104.05
1998	104.30	110.77	70.49	105.75	104.01	100.00	105.33
1999	99.55	117.47	80.79	99.49	101.87	100.00	98.29
2000	101.36	105.00	100.43	101.26	97.18	100.00	99.62
2001	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2002	100.05	99.85	105.22	99.83	106.64	131.47	99.20
2002 Oct.	101.69	99.00	112.23	101.47	106.71	132.05	100.75
2002 Nov.	101.25	102.27	105.45	101.11	106.65	132.05	100.50
2002 Dec.	101.86	101.92	111.91	101.51	107.00	132.05	99.58
2003 Jan.	102.19	104.71	119.73	101.40	106.60	132.20	100.06
2003 Feb.	103.58	101.43	126.58	102.82	107.59	132.34	102.46
2003 Mar.	104.46	104.21	123.93	103.79	107.29	132.00	104.55
2003 Apr.	102.89	105.75	115.86	102.29	107.31	131.94	103.83
2003 May	101.90	109.54	114.86	101.09	107.83	132.34	101.98
2003 June	101.72	104.99	116.38	100.78	107.70	132.70	101.64
2003 July	101.82	103.64	119.50	100.81	107.65	132.34	101.91
2003 Aug.	102.39	107.16	122.18	101.18	107.71	131.92	100.75
2003 Sept.	101.86	107.55	116.95	100.79	107.37	131.94	100.68

時 期 PERIOD	石油及 煤 製 品	橡 膠 及 塑 膠 製 品	非 金 屬 礦 物 製 品	金 屬 基 本 工 業 產 品	金 屬 製 品	機 械 設 備	電 腦、通 信 及 視 聽 電 子 產 品
	Petroleum & Coal Products	Rubber & Plastic Products	Nonmetallic Mineral Products	Primary Metal Products	Metal Products	Machinery	Computer, Communication Equipment, Audio & Video Equipment
No. of Items	13	34	22	75	41	71	52
Weights(%⁰⁰)	41.010	31.420	14.800	57.250	30.520	60.940	129.170
1996	74.78	99.86	107.70	108.40	97.66	95.76	147.44
1997	80.99	102.45	104.68	110.21	97.79	93.96	140.80
1998	75.34	106.04	111.02	109.34	102.61	103.18	131.78
1999	74.95	103.01	104.62	99.88	96.19	102.13	109.09
2000	99.51	100.39	100.58	104.53	97.75	99.43	99.78
2001	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2002	99.89	101.13	99.20	107.45	102.15	99.17	94.41
2002 Oct.	108.32	102.02	99.03	111.83	105.02	100.13	92.74
2002 Nov.	108.70	100.69	98.51	112.46	104.47	99.96	91.91
2002 Dec.	110.62	100.87	99.27	114.23	105.01	100.22	92.09
2003 Jan.	115.11	101.21	100.50	118.49	105.85	100.29	86.83
2003 Feb.	118.56	102.05	100.99	123.32	107.81	100.66	86.94
2003 Mar.	124.64	104.23	100.66	125.96	109.00	100.70	87.20
2003 Apr.	110.58	104.03	100.64	125.01	110.19	100.55	86.37
2003 May	105.16	103.69	101.11	122.93	110.06	101.31	85.40
2003 June	106.62	102.90	101.28	122.24	107.83	100.81	84.19
2003 July	106.80	101.81	100.80	125.21	108.37	99.98	82.76
2003 Aug.	110.95	102.54	100.47	126.92	107.59	99.65	82.25
2003 Sept.	108.41	102.56	100.56	127.81	106.99	99.80	81.45

Source: Directorate-General of Budget, Accounting and Statistics, R.O.C., *Commodity-Price Statistics Monthly in Taiwan Area, R.O.C.*

售 物 價 指 數

by Group in Taiwan Area

基期：民國90年=100
公式：加權總值式

成衣及服飾品 Ready-made Apparel & Accessories	皮革及其製品 Hides, Skins, Leather & Related Products	木竹製品 Lumber & Wood Products	傢俱及裝設品 Furniture & Fixture	紙漿、紙及其製品 Pulp, Paper & Allied Products	化學材料 Chemicals	化學製品 Chemical Products	時 期 PERIOD
37	20	13	11	35	97	46	項 數
12.220	8.470	3.560	8.760	21.450	63.870	30.020	權數(千分比)
88.27	79.22	91.19	90.66	106.78	103.14	90.98	民國 85年
92.19	87.60	95.68	93.20	105.31	100.84	91.68	86年
103.60	96.32	96.97	103.19	103.72	92.47	98.34	87年
100.55	91.55	98.41	99.35	103.53	87.67	98.04	88年
98.35	91.26	95.71	96.08	110.21	106.76	99.00	89年
100.00	100.00	100.00	100.00	100.00	100.00	100.00	90年
96.75	97.08	100.93	101.25	99.11	102.83	98.36	91年
96.75	98.85	102.21	102.05	101.53	109.12	99.20	91年 10月
96.18	97.77	101.15	101.49	100.53	108.25	99.18	11月
96.25	98.06	101.30	101.61	100.12	109.52	99.64	12月
95.50	97.59	101.53	101.52	100.52	115.62	99.79	92年 1月
95.72	98.86	102.21	101.80	102.82	125.72	100.09	2月
95.24	99.27	102.71	102.21	104.96	130.46	98.51	3月
95.54	99.55	105.31	102.61	105.64	121.88	98.46	4月
95.33	98.87	104.29	102.65	103.32	113.28	98.58	5月
95.17	98.82	103.87	102.87	102.59	115.08	98.06	6月
95.11	97.48	103.41	102.88	101.54	115.48	97.48	7月
95.18	97.02	102.95	102.66	101.31	118.23	96.75	8月
94.24	96.36	102.69	101.97	101.36	118.64	96.47	9月
電子零組件 Electronic Components & Accessories	電力機械器材 及設備 Electrical Equipments & Apparatus	運 輸 工 具 及 零 件 Transportation Equipment & Parts	精 密 儀 器 Precision Instruments	雜項工業製品 Miscellaneous Products	水 電 燃 氣 Water Supply, Electricity & Gas		時 期 PERIOD
56	54	48	20	22	9		項 數
176.390	41.650	45.150	19.240	12.910	33.790		權數(千分比)
137.47	107.25	97.12	94.81	93.49	97.29		民國 85年
130.14	105.93	96.30	95.39	96.86	98.47		86年
123.74	107.59	100.51	104.66	105.50	98.87		87年
109.08	101.40	100.67	99.57	100.04	97.84		88年
109.00	99.24	100.60	96.70	97.97	99.87		89年
100.00	100.00	100.00	100.00	100.00	100.00		90年
93.03	98.26	98.73	100.80	99.69	99.60		91年
92.20	98.11	99.42	101.69	100.66	97.81		91年 10月
91.76	97.66	99.56	101.44	99.71	98.02		11月
91.47	97.98	99.79	101.86	99.53	98.17		12月
89.88	97.53	100.02	101.63	99.36	98.49		92年 1月
88.79	98.02	100.20	102.16	99.23	98.61		2月
88.39	97.88	100.03	103.75	99.35	98.86		3月
88.07	97.80	99.99	103.65	100.06	98.86		4月
88.14	97.33	100.30	104.81	99.77	98.07		5月
87.89	96.94	100.19	104.29	99.47	104.34		6月
88.97	96.59	99.88	103.02	98.50	104.69		7月
89.30	96.53	99.64	102.98	98.31	104.77		8月
88.63	96.17	99.75	101.95	97.94	104.85		9月

資料來源：行政院主計處編印中華民國台灣地區物價統計月報。

26. 台灣地區消費者物價指數

Indices of Consumer Prices in Taiwan Area

Base: 2001=100

Formula: Weighted Aggregates of Value

基期：民國90年=100

公式：加權總值式

時 期 PERIOD	總 指 數 General Index	食 物 類 Food	衣 著 類 Clothing	居 住 類 Housing	時 期 PERIOD
No. of Items	389	168	43	50	項 數
Weights (%)	1,000.00	250.54	47.46	307.94	權數(千分比)
1996	96.10	97.68	107.53	97.35	民國 85年
1997	96.96	96.95	108.31	98.46	86年
1998	98.60	101.29	102.78	99.72	87年
1999	98.77	100.52	101.38	99.82	88年
2000	100.01	100.93	101.70	100.34	89年
2001	100.00	100.00	100.00	100.00	90年
2002	99.80	99.80	100.58	98.88	91年
2002 Oct.	100.24	100.44	108.73	98.06	10月
2002 Nov.	100.20	100.38	109.41	97.90	11月
2002 Dec.	99.77	99.51	106.86	97.79	12月
2003 Jan.	100.49	101.12	97.84	99.79	92年 1月
2003 Feb.	99.08	98.62	94.42	97.76	2月
2003 Mar.	98.77	97.19	94.02	97.69	3月
2003 Apr.	99.85	98.71	111.91	97.65	4月
2003 May	99.79	99.91	109.54	97.46	5月
2003 June	99.22	98.70	104.16	98.18	6月
2003 July	98.80	98.36	97.63	97.92	7月
2003 Aug.	99.16	99.89	94.47	97.84	8月
2003 Sept.	99.46	100.63	94.30	98.10	9月

時 期 PERIOD	交 通 類 Transportation and Communi- cations	醫藥保健類 Medicines & Medical Care	教養娛樂類 Education and Entertainment	雜 項 類 Miscellaneous	時 期 PERIOD
No. of Items	29	22	50	27	項 數
Weights (%)	126.25	37.37	161.11	69.33	權數(千分比)
1996	96.49	88.96	87.04	96.37	民國 85年
1997	97.57	91.06	90.19	97.34	86年
1998	96.62	91.91	93.11	98.34	87年
1999	95.89	95.11	95.06	99.83	88年
2000	98.95	98.68	97.92	100.41	89年
2001	100.00	100.00	100.00	100.00	90年
2002	97.78	101.29	100.11	105.09	91年
2002 Oct.	98.18	104.21	100.06	104.23	10月
2002 Nov.	98.48	104.00	99.68	104.36	11月
2002 Dec.	98.29	104.09	99.62	104.35	12月
2003 Jan.	98.86	104.37	99.61	104.96	92年 1月
2003 Feb.	98.76	104.76	99.49	105.39	2月
2003 Mar.	99.63	104.66	99.50	105.08	3月
2003 Apr.	98.38	104.61	99.13	106.22	4月
2003 May	98.01	104.78	98.03	106.60	5月
2003 June	97.76	104.58	97.64	104.77	6月
2003 July	97.95	104.39	98.17	104.14	7月
2003 Aug.	98.58	104.56	98.59	103.98	8月
2003 Sept.	98.53	104.69	98.85	104.00	9月

Source: See Table 25.

資料來源：同表25。

27. 台灣地區都市消費者物價指數

Indices of Urban Consumer Prices in Taiwan Area

Base:2001=100

基期：民國90年=100

Formula: Weighted Aggregates of Value

公式：加權總值式

時 期 PERIOD	總 指 數 General Index	食 物 類 Food	衣 著 類 Clothing	居 住 類 Housing	時 期 PERIOD	
No. of Items	389	168	43	50	項 數	
Weights (%)	1,000.00	239.40	47.45	321.88	權數(千分比)	
1996	95.57	94.99	106.81	97.33	民國 85年	
1997	96.61	94.74	107.55	98.43		
1998	98.43	100.96	102.14	99.72		
1999	98.67	100.25	101.72	99.84		
2000	99.95	100.79	101.76	100.31		
2001	100.00	100.00	100.00	100.00		
2002	99.63	99.54	100.35	98.88		
2002 Oct.	100.13	100.27	109.58	98.01		91年 10月
Nov.	100.03	100.18	109.93	97.84		
Dec.	99.63	99.38	107.20	97.74		
2003 Jan.	100.35	100.94	97.31	99.91	92年 1月	
Feb.	98.86	98.43	93.61	97.71		
Mar.	98.60	97.11	93.68	97.65		
Apr.	99.69	98.54	112.51	97.62		
May	99.54	99.51	109.96	97.48		
June	98.94	98.17	104.02	98.21		
July	98.52	97.88	97.07	97.90		
Aug.	98.88	99.32	93.91	97.84		
Sept.	99.18	100.03	94.13	98.10		

時 期 PERIOD	交 通 類 Transportation and Communi- cations	醫 藥 保 健 類 Medicines & Medical Care	教 養 娛 樂 類 Education and Entertainment	雜 項 類 Miscellaneous	時 期 PERIOD	
No. of Items	29	22	50	27	項 數	
Weights (%)	123.51	34.43	167.95	65.37	權數(千分比)	
1996	95.75	89.05	88.02	94.65	民國 85年	
1997	96.69	91.21	91.08	95.68		
1998	96.04	92.01	93.50	97.80		
1999	95.51	95.23	95.20	99.28		
2000	98.70	98.90	98.05	100.25		
2001	100.00	100.00	100.00	100.00		
2002	97.73	101.10	100.11	104.03		
2002 Oct.	98.11	104.07	100.10	103.23		91年 10月
Nov.	98.46	103.79	99.68	103.32		
Dec.	98.27	103.94	99.60	103.30		
2003 Jan.	98.81	104.19	99.59	103.92	92年 1月	
Feb.	98.75	104.50	99.43	104.28		
Mar.	99.48	104.46	99.54	103.76		
Apr.	98.39	104.42	99.14	104.69		
May	97.98	104.54	97.99	105.09		
June	97.71	104.40	97.53	103.27		
July	97.93	104.18	98.10	102.90		
Aug.	98.57	104.37	98.60	102.92		
Sept.	98.50	104.58	98.87	102.82		

Source: See Table 25.

資料來源：同表25。

28. 台灣地區物價指數變動率 Changes in Prices in Taiwan Area

Unit%

單位：%

時期 PERIOD	消費者物價指數 Indices of Consumer Prices				躉售物價指數 Indices of Wholesale Prices						時期 PERIOD
	不含食物 總指數 Excluding Food	不含新鮮蔬 果、魚介及 能源 Excluding Fresh Fruits、Fish、 Shellfish & Energy	服務類 Services	國產內銷 Domestic Sales of Local Products	進口 Imports		出口 Exports				
					新台幣 計價 in NT\$	美元 計價 in US\$	新台幣 計價 in NT\$	美元 計價 in US\$			
1995	3.68	3.42	3.58	3.89	7.38	6.36	10.15	10.08	6.89	6.78	民國 84年
1996	3.07	2.77	3.07	3.40	-1.00	-1.79	-2.49	-5.99	1.68	-1.95	85年
1997	0.89	1.63	0.96	2.32	-0.46	-1.45	-1.40	-5.59	2.05	-2.34	86年
1998	1.69	0.77	1.07	2.07	0.60	-1.72	0.74	-13.63	5.58	-9.51	87年
1999	0.17	0.53	1.16	1.64	-4.55	-1.67	-4.10	-0.55	-8.53	-5.16	88年
2000	1.26	1.57	0.60	1.85	1.82	2.01	4.63	8.06	-0.88	2.43	89年
2001	-0.01	0.33	0.08	1.17	-1.34	-2.60	-1.25	-8.69	0.32	-7.28	90年
2002	-0.20	-0.20	0.69	-0.38	0.05	0.96	0.40	-1.86	-1.49	-3.72	91年
2001 Oct.	0.96	-0.53	-0.49	0.29	-2.89	-2.62	-5.18	-12.70	-1.15	-9.04	90年 10月
Nov.	-1.14	-0.64	-0.54	-0.14	-5.01	-4.28	-7.69	-13.22	-3.53	-9.33	11月
Dec.	-1.69	-1.00	-0.64	-0.42	-5.30	-4.86	-6.81	-11.07	-4.54	-8.93	12月
2002 Jan.	-1.68	-2.24	-0.93	-3.38	-3.62	-3.34	-5.07	-11.33	-2.72	-9.14	91年 1月
Feb.	1.41	1.20	2.11	2.30	-2.09	-2.33	-3.81	-11.31	-0.21	-8.01	2月
Mar.	0.01	-0.77	0.34	-0.74	-0.42	-1.08	-0.24	-7.11	0.34	-6.62	3月
Apr.	0.21	-0.24	0.66	-0.36	0.46	0.27	1.28	-4.44	0.00	-5.69	4月
May	-0.26	-0.28	0.53	-0.30	0.28	1.03	0.15	-3.48	-0.61	-4.23	5月
June	0.10	-0.21	0.88	-0.32	-1.37	1.51	-2.76	-1.85	-3.91	-3.00	6月
July	0.41	-0.36	0.73	-0.63	-1.90	1.67	-3.07	0.95	-5.60	-1.70	7月
Aug.	-0.28	-0.34	0.62	-0.59	-0.77	1.78	-1.22	0.62	-3.79	-2.01	8月
Sept.	-0.77	0.25	1.10	0.16	0.49	1.71	1.53	1.54	-2.10	-2.07	9月
Oct.	-1.70	0.11	0.81	-0.51	2.16	1.84	5.30	4.05	-0.22	-1.40	10月
Nov.	-0.57	0.16	0.75	-0.07	3.10	3.51	5.67	5.01	0.28	-0.34	11月
Dec.	0.76	0.48	0.74	-0.04	4.65	5.30	7.87	7.39	0.94	0.49	12月
2003 Jan.	1.10	0.88	0.31	1.33	4.49	5.89	9.01	10.36	-1.52	-0.29	92年 1月
Feb.	-1.52	-1.60	-1.84	-3.00	5.58	6.32	11.10	11.99	-0.71	0.11	2月
Mar.	-0.18	0.48	-0.26	-0.16	5.11	7.39	8.19	9.11	-0.91	-0.05	3月
Apr.	-0.11	0.13	-0.26	-0.22	2.65	4.38	4.65	4.90	-1.19	-0.96	4月
May	0.32	-0.24	-0.45	-0.46	2.01	3.05	3.78	2.98	-0.68	-1.44	5月
June	-0.55	-0.75	-0.99	-0.55	1.94	2.23	4.32	2.35	-0.23	-2.13	6月
July	-0.98	-0.50	-0.85	-0.39	2.49	2.24	5.51	2.42	0.51	-2.44	7月
Aug.	-0.59	-0.16	-0.52	-0.25	2.21	3.06	4.65	3.54	-0.71	-1.78	8月
Sept.	-0.22	-0.40	-0.72	-0.72	0.74	3.36	1.47	3.22	-2.88	-1.22	9月
Jan.- Sept.	-0.31	-0.24	-0.63	-0.50	3.00	4.20	5.80	5.55	-0.76	-0.97	1- 9月

Source: See Table 25.

資料來源：同表25。

29. 各國工業生產指數 Indices of Industrial Production in Selected Countries

Base: 1995=100

基期：民國84年=100

時 期	中華民國 Republic of China	印度 India	日本 Japan	德國 Germany	法國 France	義大利 Italy	英國 United Kingdom	美國 United States	加拿大 Canada	時 期
PERIOD	(4)	(3)	(2)	(1)(2)	(2)	(2)	(1)(2)	(1)(2)	(1)(2)	PERIOD
1994	96	89	97	98	98	95	98	95	96	民國 83年
1995	100	100	100	100	100	100	100	100	100	84年
1996	102	106	102	101	101	99	101	104	101	85年
1997	110	113	106	104	105	102	102	112	106	86年
1998	112	118	99	109	110	104	103	118	110	87年
1999	121	126	100	110	112	104	104	123	115	88年
2000	130	132	106	117	116	108	106	129	122	89年
2001	121	135	99	118	118	107	104	125	118	90年
2002	128	143	98	116	116	105	100	124	120	91年
2001 May	125	132	94	116	116	116	104	124	120	90年 5月
June	120	129	99	122	121	114	103	127	119	6月
July	118	130	99	116	113	117	99	122	117	7月
Aug.	124	132	92	108	96	59	97	127	118	8月
Sept.	115	131	98	124	115	109	101	126	115	9月
Oct.	126	132	97	122	126	118	107	124	116	10月
Nov.	123	135	96	122	123	111	109	121	116	11月
Dec.	120	144	93	112	118	94	96	120	115	12月
2002 Jan.	121	144	87	108	119	103	101	121	117	91年 1月
Feb.	102	138	92	111	114	108	99	122	119	2月
Mar.	132	149	105	123	122	114	106	123	119	3月
Apr.	132	135	93	116	119	102	101	122	120	4月
May	138	137	94	112	113	117	102	123	120	5月
June	129	135	97	121	120	109	93	127	120	6月
July	132	139	104	115	114	120	98	122	121	7月
Aug.	132	140	93	108	91	55	93	128	121	8月
Sept.	128	139	103	123	115	112	100	128	121	9月
Oct.	135	141	102	122	127	118	106	126	121	10月
Nov.	133	141	101	125	122	110	104	123	121	11月
Dec.	134	153	99	111	118	97	98	112	121	12月
2003 Jan.	131	153	94	110	120	102	99	123	122	92年 1月
Feb.	110	148	97	114	118	106	99	124	121	2月
Mar.	134	158	110	126	122	113	106	124	121	3月
Apr.	130	141	96	112	...	...	98	121	120	4月

(1) The monthly indexes are adjusted for differences in the number of working days.

(2) Including mining, manufacturing and electric power & gas industries.

(3) Including mining, manufacturing and electric power.

(4) Including mining, manufacturing, construction, and electric power & gas industries.

Sources: All data are derived from the United Nations, *Monthly Bulletin of Statistics*, except those for the Republic of China, which are provided by the Ministry of Economic Affairs, R.O.C.

(1) 月指數已經過工作日數差異的調整。

(2) 包括礦業、製造業及電力煤氣業。

(3) 包括礦業、製造業及電力。

(4) 包括礦業、製造業、建築業及電力煤氣業。

資料來源：中華民國數字係由經濟部提供，其餘採自
聯合國統計月報。

30. 各國躉售

Indices of Wholesale

Base: 1990=100

時 期 PERIOD	中華民國 Republic of China	韓國 Republic of Korea	新加坡 Singapore	日本 Japan (3)	泰國 Thailand (2)(3)(4)	印尼 Indonesia
2001 Apr.	103	144	89	92	145	463
May	103	144	89	91	146	474
June	104	144	89	91	146	484
July	104	144	86	92	146	477
Aug.	104	143	87	91	146	455
Sept.	104	143	86	91	146	461
Oct.	103	143	86	91	145	464
Nov.	101	142	84	90	144	472
Dec.	100	141	83	90	144	468
2002 Jan.	101	142	83	90	144	474
Feb.	101	143	83	91	145	476
Mar.	102	144	85	90	146	471
Apr.	103	145	87	91	147	466
May	103	146	87	91	147	477
June	103	146	86	90	148	465
July	102	145	85	90	147	471
Aug.	103	146	86	90	147	470
Sept.	104	146	87	90	149	473
Oct.	105	147	87	91	150	480
Nov.	104	148	86	91	...	482
Dec.	105	148	87	90	...	486
2003 Jan.	105	149	88	87	151	493
Feb.	107	150	90	88	153	...

(1) Index of industrial products.

(4) Agricultural products.

(2) Manufacturing industry only.

(5) Excluding products of electricity, gas & water.

(3) Including export product.

(6) Base: 1991=100.

Sources: All data are derived from the United Nations, *Monthly Bulletin of Statistics*, except those for the Republic of China, which are provided by the Directorate-General of Budget, Accounting and Statistics, R.O.C.

31. 各國消費者

Indices of Consumer Prices

Base: 1990=100

時 期 PERIOD	中華民國 Republic of China	韓國 Republic of Korea	新加坡 Singapore	日本 Japan	泰國 Thailand	印尼 Indonesia (1)
2001 June	128.6	171.2	119.4	107.8	158.7	252.1
July	128.2	171.5	120.1	107.5	158.7	257.4
Aug.	129.0	172.2	120.1	108.0	158.5	256.9
Sept.	129.6	172.0	119.8	107.7	158.9	258.5
Oct.	131.5	172.0	119.6	107.7	158.2	260.3
Nov.	130.0	171.0	119.4	107.2	157.9	264.7
Dec.	127.7	171.4	119.1	107.1	157.4	269.0
2002 Jan.	128.2	172.4	119.2	106.9	157.8	274.4
Feb.	129.8	173.2	119.6	106.3	158.0	278.5
Mar.	127.6	174.2	119.4	106.5	158.5	278.4
Apr.	128.9	175.1	119.6	106.9	159.1	277.8
May	128.3	175.8	119.9	107.2	159.1	280.0
June	128.7	175.6	119.9	107.1	158.7	281.0
July	128.7	175.1	119.9	106.7	158.8	283.3
Aug.	128.7	176.3	119.8	107.0	159.0	284.1
Sept.	128.6	177.3	119.7	107.0	159.6	285.6
Oct.	129.3	176.8	119.7	106.8	160.5	287.1
Nov.	129.3	176.9	119.9	106.8	159.7	292.5
Dec.	128.7	177.8	119.9	106.8	159.9	296.0
2003 Jan.	129.6	178.9	120.3	106.4	161.0	298.3
Feb.	127.8	179.9	120.0	106.1	...	298.9
Mar.	127.4	182.0	120.4	106.4	161.1	298.2
Apr.	128.8	181.7	120.6	106.8	161.7	298.7
May	128.7	181.4	119.9	...	161.9	299.3

(1) Base: 1995=100 (2) Base: 1991=100

Source: See Table 30.

物價指數

Prices in Selected Countries

基期：民國79年=100

印度 India (2)	德國 Germany (6)	法國 France (4)	義大利 Italy (3)(5)	英國 United (1) Kingdom (2)	美國 United States (3)	加拿大 Canada	時 期 PERIOD
218	111	91	146	124	117	137	民國90年 4月
219	112	94	145	124	117	137	5月
220	111	91	145	124	117	134	6月
220	110	90	144	124	115	132	7月
221	110	91	144	124	115	131	8月
221	110	90	146	124	115	135	9月
222	109	89	144	124	112	128	10月
222	108	91	144	124	112	134	11月
221	108	93	144	124	110	133	12月
220	110	96	144	124	110	124	91年 1月
220	110	92	144	124	110	126	2月
...	111	90	144	124	112	133	3月
222	111	89	144	124	112	...	4月
222	110	87	144	124	112	...	5月
225	110	85	144	124	113	...	6月
226	110	86	145	124	113	138	7月
228	109	88	145	124	113	139	8月
229	110	89	145	124	114	141	9月
229	110	...	146	124	115	140	10月
229	109	...	145	124	115	136	11月
228	109	...	146	124	114	142	12月
229	111	...	...	125	117	...	92年 1月
231	...	...	...	125	118	...	2月

(1) 係工業產品指數。

(4) 農產品。

(2) 僅製造業。

(5) 不包括電力、煤氣及自來水產品。

(3) 包括出口產品。

(6) 基期1991年=100。

資料來源：中華民國數字係由行政院主計處提供，其餘採自聯合國統計月報。

物價指數

in Selected Countries

基期：民國79年=100

香港 Hong Kong	德國 Germany (2)	法國 France	義大利 Italy (1)	英國 United Kingdom	美國 United States	加拿大 Canada	時 期 PERIOD
166.4	126.5	121.1	116.2	138.3	136.2	126.0	民國90年 6月
166.6	126.5	120.9	116.3	137.4	135.8	125.5	7月
165.6	126.3	120.9	116.3	138.0	135.8	125.5	8月
165.8	126.3	121.1	116.3	138.5	136.4	125.8	9月
165.6	125.9	121.2	116.5	138.2	136.0	125.2	10月
165.4	125.7	120.9	116.7	137.7	135.7	124.1	11月
161.5	125.8	121.0	116.8	137.5	135.2	124.2	12月
161.5	126.3	121.6	117.4	137.4	135.5	124.6	91年 1月
161.5	126.6	121.7	117.7	137.8	136.0	125.3	2月
162.2	126.9	122.3	118.0	138.4	136.8	126.2	3月
161.7	126.8	122.7	118.3	139.3	137.6	126.9	4月
161.2	126.9	122.8	118.6	139.7	137.6	127.1	5月
160.8	126.9	122.8	118.7	139.7	137.6	127.6	6月
160.8	127.3	122.8	118.9	139.5	137.8	128.2	7月
160.2	127.0	123.1	119.1	139.9	138.3	128.7	8月
159.7	126.9	123.3	119.3	140.8	138.5	128.7	9月
159.7	126.8	123.5	119.6	141.1	138.7	129.2	10月
159.5	126.4	123.5	120.0	141.3	138.7	129.5	11月
159.0	127.6	123.8	120.0	141.6	138.4	129.1	12月
158.8	127.6	124.0	120.5	141.5	139.0	130.1	92年 1月
158.5	128.2	124.8	120.7	142.2	140.1	131.1	2月
158.8	128.4	125.4	121.1	142.7	140.9	131.6	3月
158.8	128.0	125.2	121.4	143.7	140.6	130.7	4月
157.1	127.8	125.0	121.7	143.9	140.4	130.8	5月

(1) 基期：1995=100。(2) 基期：1991=100。

資料來源：同表30。

32. 各國貨幣對 Foreign Exchange Rates

Unit : National Currency Per U.S. Dollar

期 底 END OF PERIOD	中華民國 Republic of china	印 尼 Indonesia	日 本 Japan	韓 國 Republic of Korea	馬來西亞 Malaysia	菲 律 賓 The Philippines	新 加 坡 Singapore
	新 台 幣 元 NT\$	盾 Rupiah	日 圓 Yen	圓 Won	馬 元 Ringgit	披 索 Peso	新 加 坡 幣 Singapore Dollar
1988	28.1700	1,731.0	125.85	684.1	2.7153	21.335	1.9462
1989	26.1700	1,797.0	143.45	679.6	2.7033	22.440	1.8944
1990	27.1075	1,901.0	134.40	716.4	2.7015	28.000	1.7445
1991	25.7475	1,992.0	125.20	760.8	2.7240	26.650	1.6305
1992	25.4025	2,062.0	124.75	788.4	2.6120	25.096	1.6449
1993	26.6260	2,110.0	111.85	808.1	2.7015	27.699	1.6080
1994	26.2400	2,200.0	99.74	788.7	2.5600	24.418	1.4607
1995	27.2650	2,308.0	102.83	774.7	2.5420	26.214	1.4143
1996	27.4910	2,383.0	116.00	844.2	2.5290	26.288	1.3998
1997	32.6380	4,650.0	129.95	1,695.0	3.8919	39.975	1.6755
1998	32.2160	8,025.0	115.60	1,204.0	3.8000	39.059	1.6605
1999	31.3950	7,085.0	102.20	1,138.0	3.8000	40.313	1.6660
2000	32.9920	9,595.0	114.90	1,264.5	3.8000	49.998	1.7315
2001	34.9990	10,400.0	131.80	1,313.5	3.8000	51.404	1.8510
2002	34.7530	8,940.0	119.90	1,186.2	3.8000	53.520	1.7365
2001 Oct.	34.5250	10,485.0	121.83	1,296.1	3.8000	51.955	1.8166
Nov.	34.4660	10,465.0	123.98	1,273.0	3.8000	52.000	1.8312
Dec.	34.9990	10,400.0	131.80	1,313.5	3.8000	51.404	1.8510
2002 Jan.	34.9800	10,320.0	132.94	1,314.4	3.8000	51.235	1.8304
Feb.	35.1120	10,165.0	133.88	1,323.8	3.8000	51.220	1.8330
Mar.	35.0000	9,085.0	132.71	1,325.9	3.8000	51.005	1.8390
Apr.	34.7170	9,340.0	127.96	1,294.0	3.8000	50.540	1.8097
May	34.1450	8,700.0	124.40	1,226.3	3.8000	50.250	1.7845
June	33.5580	8,715.0	119.44	1,201.3	3.8000	50.420	1.7622
July	33.7580	9,060.0	119.82	1,188.0	3.8000	51.255	1.7618
Aug.	34.2470	8,840.0	117.96	1,201.9	3.8000	51.940	1.7487
Sept.	34.9180	9,000.0	121.78	1,227.8	3.8000	52.400	1.7764
Oct.	34.7610	9,235.0	122.73	1,221.6	3.8000	53.140	1.7670
Nov.	34.8120	8,975.0	122.28	1,208.8	3.8000	53.530	1.7638
Dec.	34.7530	8,940.0	119.90	1,186.2	3.8000	53.520	1.7365
2003 Jan.	34.7030	8,850.0	118.14	1,170.3	3.8000	53.755	1.7312
Feb.	34.7460	8,890.0	117.74	1,193.7	3.8000	54.520	1.7380
Mar.	34.7500	8,905.0	118.02	1,254.6	3.8000	53.520	1.7635
Apr.	34.8490	8,670.0	119.46	1,215.3	3.8000	52.550	1.7752
May	34.7120	8,350.0	118.62	1,205.2	3.8000	53.240	1.7318
June	34.6120	8,275.0	119.82	1,193.0	3.8000	53.455	1.7610
July	34.4170	8,510.0	120.10	1,179.7	3.8000	54.720	1.7593
Aug.	34.1700	8,510.0	117.12	1,178.2	3.8000	55.020	1.7537
Sept.	33.7800	8,410.0	110.48	1,150.1	3.8000	54.870	1.7290

Sources: 1. Central Bank of China, ROC, *Financial Statistics, Taiwan District, Republic of China.*

2. IMF, *International Financial Statistics.*

3. *Economic Daily News.*

4. *Commercial Times.*

美元換算率 in Selected Countries

單位：每1美元折合各該國貨幣數

泰國 Thailand	香港 Hong Kong	中國大陸 Mainland China	法國 France	德國 Germany	義大利 Italy	英國 United Kingdom	期 底
泰 銖 Baht	港 元 H. K. Dollar	人 民 幣 Yuan	法 郎 Franc	馬 克 D. Mark	里 拉 Lira	鎊 £	END OF PERIOD
25.240	7.8080	3.7221	6.0590	1.7803	1,305.8	0.553	民國 77年
25.690	7.8070	4.7221	5.7880	1.6978	1,270.5	0.623	78年
25.290	7.8010	5.2221	5.1290	1.4940	1,130.2	0.519	79年
25.280	7.7810	5.4342	5.1800	1.5160	1,151.1	0.535	80年
25.520	7.7430	5.7518	5.5065	1.6140	1,470.9	0.661	81年
25.540	7.7260	5.8000	5.8955	1.7263	1,704.0	0.675	82年
25.090	7.7380	8.4462	5.3460	1.5488	1,629.7	0.640	83年
25.190	7.7320	8.3174	4.9000	1.4335	1,584.7	0.645	84年
25.610	7.7360	8.2982	5.2370	1.5548	1,530.6	0.589	85年
47.247	7.7460	8.2798	5.9881	1.7921	1,759.2	0.605	86年
36.691	7.7460	8.2787	5.6221	1.6730	1,653.1	0.601	87年
37.470	7.7710	8.2795	6.5294	1.9468	1,927.4	0.619	88年
42.268	7.7960	8.2774	7.0535	2.1031	2,082.1	0.670	89年
44.222	7.7970	8.2768	7.4051	2.2079	2,185.9	0.689	90年
43.152	7.7980	8.2773	6.2672	1.8687	1,850.0	0.620	91年
44.665	7.8000	8.2768	7.2700	2.1676	2,146.0	0.688	90年 10月
43.910	7.7995	8.2772	7.3441	2.1897	2,167.8	0.701	11月
44.222	7.7970	8.2768	7.4051	2.2079	2,185.9	0.689	12月
44.000	7.7994	8.2766	7.5960	2.2649	2,242.2	0.707	91年 1月
43.700	7.7991	8.2765	7.5920	2.2637	2,241.0	0.707	2月
43.480	7.7996	8.2774	7.5271	2.2443	2,221.9	0.701	3月
43.235	7.7989	8.2774	7.2746	2.1690	2,147.3	0.686	4月
42.370	7.7998	8.2765	6.9951	2.0857	2,064.8	0.684	5月
41.510	7.7999	8.2773	6.6245	1.9752	1,955.4	0.654	6月
42.020	7.7999	8.2767	6.7091	2.0004	1,980.4	0.642	7月
42.195	7.8000	8.2768	6.6816	1.9922	1,971.7	0.646	8月
43.300	7.7997	8.2773	6.7170	2.0028	1,982.7	0.643	9月
43.305	7.7995	8.2770	6.6501	1.9828	1,963.0	0.641	10月
43.420	7.7986	8.2772	6.6068	1.9699	1,950.2	0.644	11月
43.152	7.7980	8.2773	6.2672	1.8687	1,850.0	0.620	12月
42.660	7.7996	8.2767	6.0686	1.8094	1,791.3	0.610	92年 1月
42.740	7.7990	8.2775	6.0883	1.8153	1,797.2	0.635	2月
42.890	7.7991	8.2774	6.0248	1.7964	1,778.4	0.633	3月
42.850	7.7992	8.2770	5.8915	1.7566	1,739.1	0.626	4月
41.695	7.7984	8.2768	5.5670	1.6599	1,643.3	0.610	5月
42.085	7.7982	8.2775	5.7279	1.7079	1,690.8	0.606	6月
41.940	7.7992	8.2773	5.8116	1.7379	1,715.5	0.622	7月
41.180	7.7993	8.2771	6.0246	1.7963	1,778.3	0.634	8月
39.930	7.7440	8.2770	5.6012	1.6701	1,653.4	0.599	9月

資料來源：1. 中央銀行編印 *Financial Statistics, Taiwan District, Republic of China.*

2. IMF 編印 *International Financial Statistics.*

3. 經濟日報。

4. 工商時報。

33. 各 國 失 業 率

Rate of Unemployment in Selected Countries

Unit: %

單位：%

時 期	中華民國	澳洲	加拿大	德國	日本	韓 國	新加坡	英國	美國	時 期
PERIOD	Republic of China	Australia	Canada	Germany	Japan	Republic of Korea	Singapore	United Kingdom	United States	PERIOD
1992	1.5	10.8	11.3	6.7	2.2	2.4	1.0	9.8	7.4	民國 81年
1993	1.5	10.9	11.2	9.8	2.5	2.8	1.0	10.4	6.9	82年
1994	1.6	9.7	10.3	10.6	2.9	2.4	1.0	9.4	6.1	83年
1995	1.8	8.5	9.6	10.4	3.1	2.0	1.1	8.3	5.6	84年
1996	2.6	8.5	9.7	11.5	3.4	2.0	1.5	7.4	5.4	85年
1997	2.7	8.6	9.2	12.7	3.4	2.6	2.6	5.6	4.9	86年
1998	2.7	8.0	8.3	12.3	4.1	6.8	4.4	4.7	4.5	87年
1999	2.9	7.2	7.6	11.7	...	6.3	5.9	4.3	4.2	88年
2000	3.0	6.6	6.8	10.7	4.7	4.2	4.2	3.8	4.0	89年
2001	4.6	6.7	7.6	10.4	5.0	3.8	6.4	3.3	4.8	90年
2002	5.2	6.3	7.6	10.9	...	3.1	11.6	3.2	5.8	91年
2001	May	4.2	6.9	7.1	9.9	5.1	5.5	3.3	4.1	90年 5月
	June	4.5	6.7	6.7	9.9	5.0	5.5	3.1	4.7	6月
	July	4.9	6.3	7.2	10.1	4.9	6.3	...	4.7	7月
	Aug.	5.2	6.6	7.5	10.1	5.0	6.8	...	4.9	8月
	Sept.	5.3	6.8	6.6	10.0	5.3	6.8	...	4.7	9月
	Oct.	5.3	6.7	6.7	10.0	5.2	3.2	3.0	5.0	10月
	Nov.	5.3	6.4	7.1	10.1	5.2	3.2	8.8	5.3	11月
	Dec.	5.2	6.6	7.6	10.6	5.0	3.5	9.3	5.4	12月
2002	Jan.	5.1	7.4	8.6	11.5	5.2	3.8	10.0	6.3	91年 1月
	Feb.	5.1	7.3	8.4	11.5	5.4	3.8	10.1	6.1	2月
	Mar.	5.2	6.7	8.3	11.1	...	3.6	11.6	6.1	3月
	Apr.	5.0	6.4	8.0	10.8	5.6	3.2	11.0	5.7	4月
	May	5.0	6.3	7.8	10.5	5.6	3.0	11.7	5.5	5月
	June	5.1	6.3	7.1	10.5	5.5	2.8	10.8	6.0	6月
	July	5.2	5.6	7.7	10.8	5.2	2.8	10.9	6.0	7月
	Aug.	5.4	6.0	7.7	10.7	5.4	3.0	10.7	5.7	8月
	Sept.	5.3	6.2	7.0	10.5	5.4	2.6	10.9	5.4	9月
	Oct.	5.3	5.7	6.9	10.5	5.4	2.8	12.1	5.3	10月
	Nov.	5.2	5.8	7.1	10.7	5.1	2.8	14.6	5.7	11月
	Dec.	5.0	6.1	7.1	11.2	5.0	3.1	15.0	5.7	12月
2003	Jan.	5.0	6.5	...	12.3	5.4	3.5	16.4	6.5	92年 1月
	Feb.	5.2	6.7	8.0	12.5	5.3	3.7	15.4	6.4	2月
	Mar.	5.1	6.5	7.9	12.3	5.8	3.6	17.6	6.2	3月
	Apr.	4.9	6.2	...	...	5.8	3.3	17.1	5.8	4月

Source: See Table 30.

資料來源：同表30。

符 號 SYMBOLS

○=表示數字不及一單位	Less than one unit	
…=表示數字不明	Not available	
—=表示無數字	No figure	
*=表示數字已予修正	Revised figure	

度量衡單位簡寫

ABBREVIATIONS OF WEIGHTS AND MEASURES

bbl	美桶	barrel
cu. ft	立方英尺	cubic foot or feet
cu. yd	立方英碼	cubic yard
ft	英尺	foot or feet
g t	總噸	gross ton
hg	公兩	hectogram
hl	公石	hectoliter
Imp. gal	英加侖	Imperial gallon
kg	公斤	kilogram
kl	公秉	kiloliter
km	公里	kilometer
kwh	度	kilowatt-hou
l	公升	liter
lb	磅	pound
t	長噸	long ton
m	公尺	meter
mi	英里	mile
m ² (sq.m)	平方公尺	square meter
m ³ (cu.m)	立方公尺	cubic meter
m t	公噸	metric ton
p-km	延人公里	passenger-kilometer
sq. ft	平方英尺	square foot or feet
sq. yd	平方碼	square yard
s. t.	短噸	short ton
t-km	延噸公里	ton-kilometer
U.S. gal	美加侖	United States gallon
yd	碼	yard

度量衡換算表

CONVERSION EQUIVALENT

重量 WEIGHT

公兩	公斤	公噸	英兩	磅	亨論威(英)	長(英)噸	亨特威(美)	短(美)噸
hg	kg	mt	oz	lb (pound)	Imp. cwt	L. t.	U.S. cwt	S. t.
1	0.100000	0.000100	3.527396	0.220462	0.001968	0.000098	0.002205	0.000110
10.00000	1	0.001000	35.27396	2.204622	0.019684	0.000984	0.022046	0.001102
10000.0	1000.000	1	35373.961	2204.622	19.68413	0.984206	22.04622	1.102311
0.283495	0.028349	0.000028	1	0.062500	0.000558	0.000028	0.000625	0.000030
4.535924	0.453592	0.000454	16.000	1	0.008928	0.000446	0.010000	0.000500
508.0235	50.80235	0.050802	1792.0000	112.0000	1	0.050000	1.120000	0.056000
10160.47	1016.047	1.016047	35840.000	2240.0000	20.00000	1	22.40000	1.120000
453.5924	45.35924	0.045359	1600.000	100.000	0.892857	0.044643	1	0.050000
9071.85	907.185	0.907185	32000.000	2000.000	17.85714	0.892857	20.00000	1

長度 LENGTH

公分	公尺	公里	英寸(吋)	英尺(呎)	碼	英(里)哩
cm	m	km	in	ft	yd	mi
1	0.10001	0.00010	0.393700	0.032808	0.010936	0.000006
100.000	1	0.001000	39.37000	3.280833	1.093611	0.000621
100000.0	1000.000	1	39370.000	3280.833	1093.611	0.621370
2.540005	0.025400	0.000025	1	0.833333	0.027778	0.000016
30.48006	0.404801	0.000305	12.000	1	0.333333	0.000189
91.44018	0.914401	0.000914	36.000	3.000	1	0.000568
160934.7	1609.347	1.609347	63360.000	5280.000	1760.000	1

面積及地積 AREA

平方公尺	公畝	公頃	平方公里	平方英尺	平方碼	英畝	平方英里
m ²	are	ha.	km ²	sq. ft	sq. yd	acre	sq. mi
1	0.010000	0.000100	0.000001	10.76386	1.195985	0.000247	0.0000004
100.00	1	0.010000	0.000100	1076.386	119.5985	0.024710	0.000039
10000.000	100.000	1	0.010000	107638.6	11959.85	2.471045	0.003861
1000000.0	10000.000	10.0000	1	1076386.5	119598.5	27.1045	0.386101
0.092903	0.000929	0.000092	0.000009	1	0.111111	40.000023	0.00000004
0.836131	0.008361	0.000084	0.000001	9.000	1	0.000207	0.0000003
4046.873	40.468732	0.404687	0.004047	43560.000	4840.00	1	0.0015625
258999.8	25899.98	258.9998	2.589998	27878400	3097600	640.0000	1

容量(液質) VOLUME-LIQUID MEASURE

公升	公石	公秉	英加侖	美加侖	美桶
l	hl	kl	Imp gal	U.S. gal	U.S. bbl
1	0.01000	0.001000	0.21997	0.26418	0.00629
100.0000	1	0.100000	21.9975	26.4178	0.62899
1000.0000	10.00000	1	219.975	264.178	6.28994
4.54596	0.04546	0.004546	1	1.20095	0.02859
3.78533	0.3785	0.003785	0.83267	1	0.02381
158.984	1.58984	0.158984	34.9726	42.0000	1

容量(乾質) VOLUME-DRY MEASURE

公升	公石	立方公尺	立方公尺	立方英寸	立方英尺	立方碼	夸脫(英)	蒲式耳(英)	夸脫(美)	蒲式耳(美)
l	hl	dm ³	m ³	cu. in	cu. ft	cu. yd	Imp. qt	Imp. bu	U.S. qt	U.S. bu
1	0.01000	1.00002	0.00100	61.0251	0.03531	0.00130	0.87990	0.02749	0.90811	0.02837
100.0000	1	100.0028	0.10000	6102.510	3.53154	0.13079	87.9902	2.74969	90.8110	2.83782
0.99997	0.01000	1	0.00100	61.0233	0.03531	0.00130	0.87987	0.02749	0.90808	0.02837
999.972	9.99972	1000.000	1	61023.39	35.31445	1.30794	879.8699	27.49593	908.0846	28.37742
0.01638	0.00016	0.01638	0.00001	1	0.00057	0.00002	0.01441	0.00045	0.01488	0.00046
28.31621	0.28316	28.31701	0.02831	1728.00	1	0.03703	24.91529	0.77860	25.71457	0.80356
764.5377	7.64537	764.5593	0.76455	46656.00	27.00000	1	672.71285	21.02228	694.2792	21.69623
1.13649	0.01136	1.13653	0.00113	69.3550	0.04013	0.00148	1	0.03125	1.03053	0.03225
36.3680	0.36368	37.36901	0.03636	2219.36	1.28435	0.04756	32.0000	1	33.02588	1.03205
1.10119	0.01101	1.10122	0.00110	67.2006	0.03888	0.00144	0.96903	0.03027	1	0.03125
85.23832	0.35238	35.23929	0.03523	2150.42	1.24445	0.04609	31.00598	0.96893	32.00000	1