產值勞動生產力趨勢分析報告

THE TRENDS IN LABOR PRODUCTIVITY, 2009

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前　　言

PREFACE

前　　言

「生產力」觀念係由18世紀經濟學者奎內（F・Quesnay）所提出，在2次大戰後才普遍受到重視。當年在美國推動下的馬歇爾計劃，實際上就是如何提高生產力的計劃，透過此一計劃使得西歐在短短數年間，便從戰爭的廢墟中重建起來可見生產力提高的重要性。

「生產力」在經濟學的概念爲產出與投入的比率；而生產力的提高，即意謂以相同的投入生產較多的產出，或同樣的產出使用較少的投入。不過，提高生產力的真諦，並非完全在於減少投入，相反的，應該是在於增加產出，或提高產出之品質，以創造就業機會、增進社會福利及提升全民福祉。

我國自民國44年推行生產力運動以來，由於政府與民間的共同努力，雖在地狹人稠，資源貧乏的限制下，仍能積極促進企業生產力之提高，使得商品生產成本降低，就業市場活絡，出口能力增強，工商企業乃蓬勃發展，創造了舉世欽羨的經濟奇蹟，而躋身爲新興工業化國家之林。

展望未來對外貿易仍爲我國經濟發展之命脈，而面臨國際間日益劇烈的挑戰，充分且有效地運用各項有限資源，乃爲致勝關鍵之所繫，換言之，惟有不斷加速生產力的提升，方能於現今國際競賽中脫穎而出。

生產力的重要性已廣爲大眾所接納，惟生產力有否提升，則必需經由生產力統計指標的測定方能確認，而這正是爲一般人所忽略。本處有鑑於此，自民國61年7月起採用「工業生產指數除以受僱者投入工時指數」的方法，按月編製製造業及水電燃氣業的勞動生產力指數，以供政府制訂勞工、產業政策、學術界從事學術研究、產業界從事決策運用之參考，然因限於產出資料的取得，故涵蓋業別範圍未盡周延，致陳示全國總勞動生產力及產業間勞動生產力之差異性，則付之闕如，爲改進此一缺憾，本處特

從75年起採用國內生產毛額（GDP）與就業者投入工時配合的觀念，編製全國各產業之產值勞動生產力，其較原方法改進之處如下：

1.行業範圍較爲周延，亦即涵蓋全國16大行業。

2.投入範圍擴大至全體就業者，而不僅止於受僱者。

3.由於附加價值率的變動，使得產出的衡量較為正確。

其目的在於正確反應我國勞動生產力之變動趨勢，指出未來資源流向及利用方式，惟受到時間與人力所限，報告中若有疏漏之處，尚期各界多予指正，以使本報告更臻完美。

Preface

The concept of “productivity” was first put forth by F. Quesnay, an eighteenth century economist, but it had not received widespread attention until the World War II ended. In fact, the Marshall Plan launched by the United States at that time was a program designed to raise productivity. The plan which helped rebuild the Western Europe on the war-torn ruins in just a few years has demonstrated the importance of raising productivity.

Economically, “productivity” is a ration between output and input. Producing can do raising productivity more output without increasing input or by cutting input without reducing output. In reality, raising productivity should not lie in cutting input. Instead, it should rest on increasing output or upgrading quality in order to create employment opportunity and enhance social welfare and well-being of the people.

Since the first campaign to enhance productivity in this country was launched in 1955. Due to the government and the private sector have closely worked together, as a result, despite heavy population living on a piece of very limited land and despite scarcity of resources, the program has made a great contribution to improvement of productivity, lowering production cost, activating employment market, sharpening this country’s competitive edge in the export market, and leading to quick industrial and commercial development. This program, among other things, has created an economic miracle renowned in the world and sent this country to become one of the newly industrialized nations.

The prospect for the future is that external trade will remain to be a backbone to this country’s economic development. As a challenge facing this country arising from competition in international market is getting stronger, how to maximize utilization of resources is a key point for the future efforts to score victory in the contest. In other words, the only way to lead an international race in the modern times is to constantly raise productivity without interruption.

The importance of productivity has already been widely recognized. To determine whether the productivity is lifted or not should rely on a statistical indicator to measure it, but the measurement and the indicator have very often been neglected. In view of this point, the DGBAS began to prepare labor productivity indices for manufacturing

and electricity, gas & water industries in July of 1972. The productivity was calculated by “dividing input of total work hours into industrial production index.” The productivity indices have been used as a reference by government in its manipulating labor and industrial policies, by academic circles in their research and study, and by businessmen in their management. As the availability of output data is limited, the productivity indices did not cover all industries, resulting in lack of labor productivity indicators for the entire economy and for all individual industries. Comparison of labor productivity between industries was impossible. To correct the shortcoming, the DGBAS adopted a new concept to calculate the labor productivity statistics in1986. Specifically, gross domestic product (GDP) , instead of industrial production index, is compared with input of work hours. The new method has three advantages over the old one; they are as follows:

1. Scope is expanded. Now all of the sixteen major industries in this country are included.
2. Coverage of input is broadened to include the entire employment, instead of JUSI employed workers.
3. With the rate of change in value-added increment being available, output can be more correctly measured.

The change in calculation method is primarily designed to reflect the accurate trend of labor productivity over a series of time in order to indicate flow and utilization of resources and to project the trend to go in the future. However, due to limitation in time and manpower available, there may be mistakes and omissions overseen and thus contained in this report. We would appreciate your correction and advice in a hope to make the report to become better in the future.

目　　錄

前　　言

壹、產值勞動生產力統計圖

1.全體產業勞動生產力與單位產出勞動成本指數……(2)
2.農林漁牧業勞動生產力與單位產出勞動成本指數……(2)
3.工業勞動生產力與單位產出勞動成本指數……(3)
4.服務業勞動生產力與單位產出勞動成本指數……(3)
5.製造業勞動生產力與單位產出勞動成本指數……(4)

貳、提要分析……(6)

參、統計結果表

歷年全體產業生產力統計主要指標……2
1.產業別產值勞動生產力指數……4
2.產業別每工時產出……8
3.產業別每就業者產出……12
4.產業別每一等就業者產出……16
5.產業別單位產出勞動成本指數……20
6.產業別就業者工時指數……24

CONTENTS

Preface

Ⅰ. Statistical Diagrams for Labor Productivity

1.The indexes of Labor Productivity and Unit Labor Cost of All Industries…… (2)

2.The indexes of Labor Productivity and Unit Labor Cost of Agriculture…… (2)

3.The indexes of Labor Productivity and Unit Labor Cost of Industry…… (3)

4.The indexes of Labor Productivity and Unit Labor Cost of Services…… (3)

5.The indexes of Labor Productivity and Unit Labor Cost of Manufacturing…… (4)

Ⅱ. Summary Analysis…… (6)

Ⅲ. Statistical Results

Indicators In Labor Productivity……2

1.Indexes of Labor Productivity by Industry……4

2.Output Per Hour by Industry……8

3.Output Per Employed Person by Industry……12

4.Output Per Equi-employed Person by Industry……16

5.Indexes of Unit Output Labor Costs by Industry……..20

6.Indexes of Employed Hours by Industry……24

7.產業別就業者指數……28
8.產業別等就業者指數……32
9.產業別總薪資指數……36
10.製造業產值勞動生產力指數……40
11.製造業每工時產出……42
12.製造業每就業者產出……44
13.製造業每一等就業者產出……46
14.製造業單位產出勞動成本指數……48
15.製造業就業者工時指數……50
16.製造業就業者指數……52
17.製造業等就業者指數……54
18.製造業總薪資指數……56

肆、國際比較

1.各主要國家勞動生產力……60
2.各主要國家製造業勞動生產指數成長率……61

伍、編製方法說明……64

7.Indexes of Employed Persons by Industry·····28
8.Indexes of Equi-employed Persons by Industry·····32
9.Indexes of Total Earnings by Industry·····36
10.Indexes of Labor Productivity of Manufacturing·····40
11.Output Per Hour by Manufacturing·····42
12.Output Per Employed Person of Manufacturing·····44
13.Output Per Equi-employed Person of Manufacturing·····46
14.Indexes of Unit Output Labor Costs of Manufacturing·····48
15.Indexes of Employed Hours of Manufacturing·····50
16.Indexes of Employed Persons of Manufacturing·····52
17.Indexes of Equi-employed Persons of Manufacturing·····54
18.Indexes of Total Earnings of Manufacturing·····56

Ⅳ. International Comparison

1.Level of Labor Productivity in Major Countries·····60
2.Growth Rate of the Labor Productivity Indexes of Manufacturing in Major Countries···61

Ⅴ. Description of Methods Used in Compilation·····64

壹、產值勞動生產力統計圖

Ⅰ、STATISTICAL DIAGRAMS FOR LABOR PRODUCTIVITY

(2)

圖1、全體產業勞動生產力與單位產出勞動成本指數

The Indexes of Labor Productivity and Unit Labor Cost of All Industries

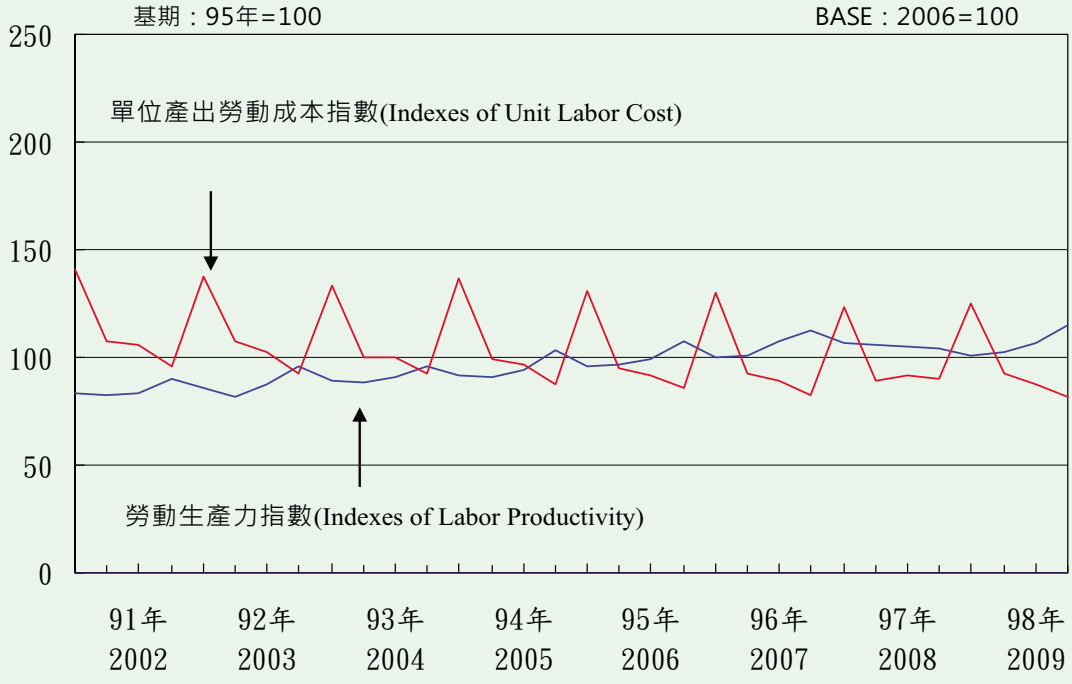


圖2、農林漁牧業勞動生產力與單位產出勞動成本指數

The Indexes of Labor Productivity and Unit Labor Cost of Agriclture

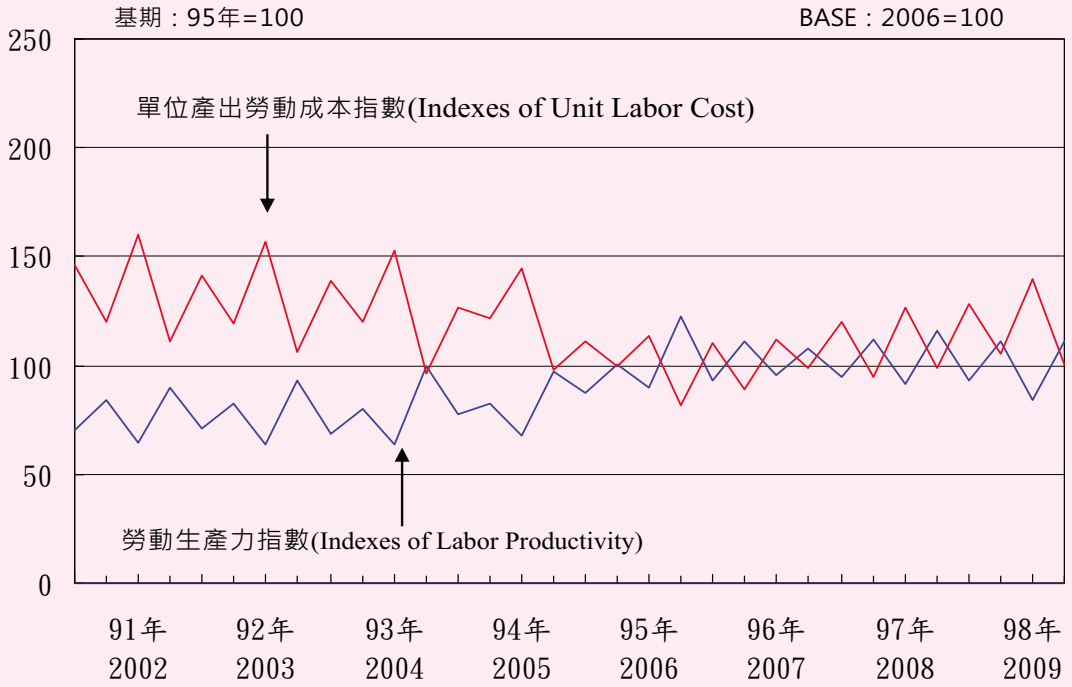


圖3、工業勞動生產力與單位產出勞動成本指數

The Indexes of Labor Productivity and Unit Labor Cost of Industry

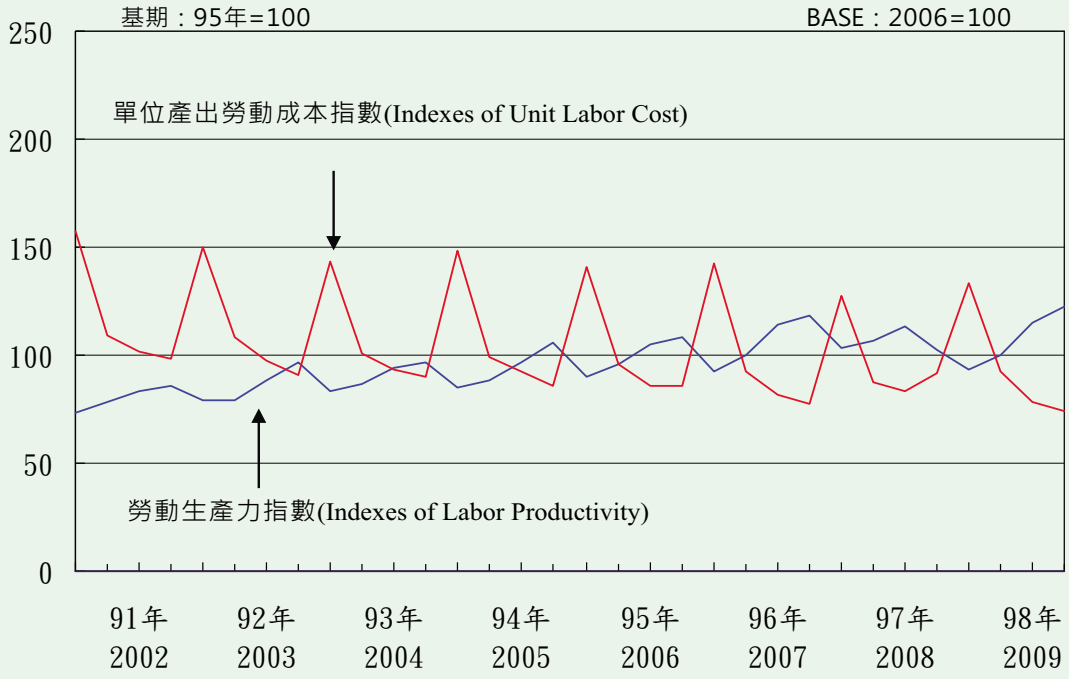
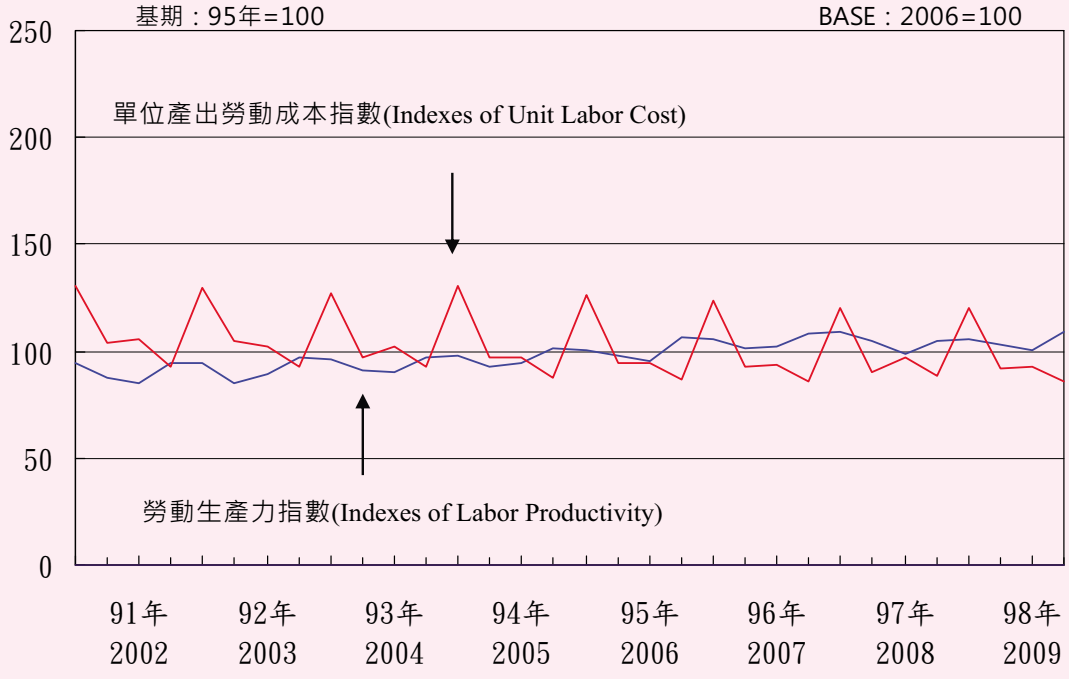


圖4、服務業勞動生產力與單位產出勞動成本指數

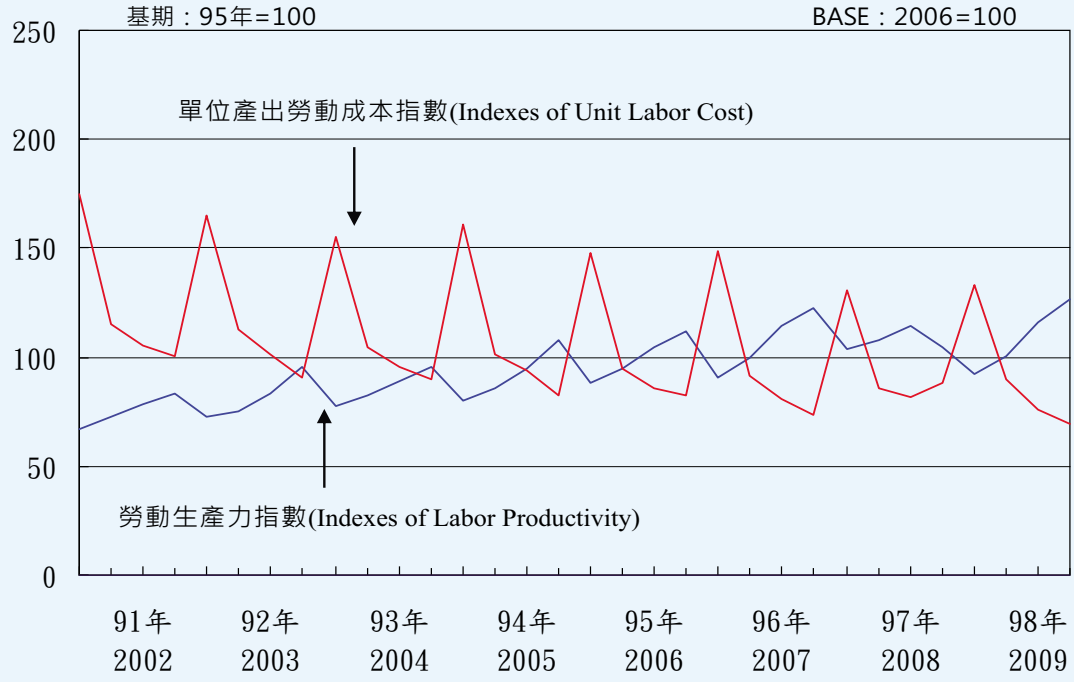
The Indexes of Labor Productivity and Unit Labor Cost of Services



(4)

圖5、製造業勞動生產力與單位產出勞動成本指數

The Indexes of Labor Productivity and Unit Labor Cost of Manufacturing



貳、提要分析

Ⅱ、SUMMARY ANALYSIS

提 要 分 析

對國內產業發展而言，提升勞動生產力不僅可促進經濟持續成長，並有助於穩定物價、降低生產成本，以及提升薪資水準。鑒於產業在經營及生產活動過程中，最主要之投入要素為勞動與資本二項，因此研究國內產業之勞動生產力趨勢，可了解產出與勞動投入之間的消長關係，亦有助釐析勞動生產力受資本密集度與技術進步率之影響。

有關產業勞動生產力之研究，係衡量每單位勞動投入所獲得之產出，通常以（總產出／總勞動投入）表示，可作為各產業勞動投入使用效率，以及潛在經濟生產量之指標，其中總產出以「實質國內生產毛額」衡量，即以產值概念來衡量，總勞動投入則以「就業投入總工時」衡量。

此外，研究產業之單位產出勞動成本，係衡量每單位生產所付出之勞動成本，通常以（總勞動成本／總產出）表示，可視為產業競爭力之指標，其中總勞動成本以「就業者總薪資」衡量，總產出亦以「實質國內生產毛額」衡量。

為觀察國內產業之勞動生產力與單位產出勞動成本變動趨勢，茲根據前述說明，將二者之涵義以公式表示如下：

（1）產值勞動生產力（以下簡稱勞動生產力）＝實質國內生產毛額／就業投入總工時

（2）單位產出勞動成本＝就業者總薪資／實質國內生產毛額

由（1）與（2）之關係導出

（3）單位產出勞動成本＝（就業者總薪資／就業投入總工時）／（實質國內生產毛額／就業投入總工時）

＝平均每工時薪資／勞動生產力

對產業經營而言，單位產出勞動成本係產業競爭力重要指標，故由（3）即可顯示，欲降低勞動成本以提升產業競爭力，主要須藉由提高勞動生產力以達成目標。

全體產業

我國屬開放之淺碟型經濟體，景氣波動深受國際環境影響，98年上半年景氣持續衰退，下半年隨先進經濟體大規模金融紓困方案和各國財政與貨幣政策漸次發揮成效，以及新興經濟體景氣復甦力道增強，經濟衰退情況漸獲控制，國內進出口、消費及廠商產能利用率亦漸趨好轉，復以政府加速執行公共建設特別預算，尤以自第四季起在外貿及內需接續強力復甦影響下，景氣轉為正成長，企業僱用意願漸呈增加，失業率亦呈下降，惟尚未能恢復金融海嘯前水準，全年經濟仍呈負成長，國內平均失業率亦創歷年新高。

98年全年國內全體產業實質生產毛額（本報告中之GDP不含國外要素所得淨額、住宅服務、政府服務及誤差項，計算方式詳後附「編製方法說明」）較上（97）年負成長2.40%，低於就業投入總工時之減幅3.16%，因全年總產出衰退幅度低於勞動投入，致勞動生產力較上年上升0.80%。

單位產出勞動成本方面，因平均每工時薪資負成長2.29%，而勞動生產力呈現微增，致全體產業單位產出勞動成本較上年下降3.04%。

(一) 農林漁牧業

98年農林漁牧業受莫拉克風災重創等因素影響，全年農林漁牧業實質GDP負成長3.12%，而就業投入總工時微增0.42%，致勞動生產力較上年下降3.53%，單位產出勞動成本上升6.90%。

(二) 工業

98年初國內工業部門產出因受金融海嘯影響，出口萎縮，且國內需求疲弱，製造業生產仍少，景氣尚未恢復；自98年中以來，隨美、歐等先進經濟體大規模紓困方案、以及各國貨幣與財政政策效果逐步顯現，國際景氣逐漸擺脫金融海嘯的影響，惟全年工業部門實質GDP仍呈負成長4.73%，且就業投入總工時減少6.32%，致勞動生產力較上年上升1.70%。單位產出勞動成本方面，受全年平均每工時薪資負成長4.36%，及勞動生產力上升1.70%影響，致較上年下降5.96%。

就各大行業勞動生產力觀察，礦業及土石採取業實質GDP較上年負成長11.84%，低於就業投入總工時之減幅18.61%，致勞動生產力上升8.30%；製造業受上半年出口不彰影響，實質GDP負成長4.76%，低於就業投入總工時減幅6.36%，致勞動生產力上升1.70%；電力及燃氣供應業因國內工業生產下滑，水電用量減少，實質GDP負成長2.82%，惟就業投入總工時增加2.71%，致勞動生產力下降5.40%；營造業受景氣低迷影響，房市推案保守，營建工程投資動能薄弱，致實質GDP負成長6.94%，因就業投入總工時亦減少7.04%，致勞動生產力較上年微增0.09%。用水供應及污染整治業因近年來受惠於原物料價格上揚，環保意識抬頭，實質GDP成長4.72%尤為顯著，就業投入總工時亦增加0.60%，致勞動生產力上升4.10%，為工業部門中唯一實質GDP及就業投入總工時均呈正成長之行業。

就單位產出勞動成本觀察，除電力及燃氣供應業與營造業因每工時薪資分別成長7.58%及1.19%，致單位產出勞動成本分別上升13.71%及1.08%外，其餘各業均呈下降，又以礦業及土石採取業下降8.85%最顯著。

(三) 服務業

98年上半年服務業部門，雖有政府發放消費券、減稅、中短期促進就業、開放中國觀光客來台及包機直航等激勵，惟相關政策對經濟之實質挹注效果受時間延遲，效果不如預期，且因失業率攀高、薪資縮減、部分企業陸續施行無薪休假、緊縮人力等措施，民間消費力及意願低。自下半年起雖部分產業受H1N1流感疫情的負面影響，惟隨景氣穩步復甦走出低迷，外貿動能逐漸回升，民間消費增溫，股市交投轉趨活絡、汽機車受貨物稅優惠激勵誘發搶購效應，新車掛牌數增加，加以宅經濟盛行等助益下，整體服務業營業額轉趨回升，但全年實質GDP仍較上年微幅下降0.70%，且就業投入總工時減少1.14%，致勞動生產力上升0.43%。另因每工時薪資負成長1.15%，致單位產出勞動成本較上年下降1.59%。

就各大行業觀察，藝術、娛樂及休閒服務業實質GDP成長4.20%，又就業投入總工時減少4.98%，勞動生產力因而上升9.67%表現最佳；不動產業因市場景氣下滑房市推案保守，實質GDP負成長0.63%，又就業投入總工時亦較上年減少7.59%，致勞動生產力上升7.56%表現次佳。金融及保險業因受金融海嘯直接衝擊，放款餘額持續縮減，復以利差仍處低點等因素影響，實質GDP負成長7.20%，就業投入總工時則較上年增加0.77%，致勞動生產力下降7.91%，減幅最大；支援服務業實質GDP負成長2.15%，就業投入總工時亦較上年減少0.29%，致勞動生產力下降1.86%，表現次差。

在單位產出勞動成本方面，除批發及零售業、住宿及餐飲業、其他服務業外，其餘各大行業每工時薪資均較上年減少，其中住宿及餐飲業每工時薪資較上年成長3.04%，致單位產出勞動成本上升3.59%最多；金融及保險業因平均每工時薪資較上年負成長5.88%，低於勞動生產力之減幅7.91%，致單位產出勞動成本較上年上升2.19%次之，其餘行業單位產出勞動成本均較上年下降，其中又以藝術、娛樂及休閒服務業、專業、科學及技術服務業、不動產業分別下降12.61%、11.49%、11.46%較多。

全體產業產值勞動生產力與單位產出勞動成本

指數基期：民國９５年＝１００　　單位：%

項目別	勞動生產力(每工時產出)		產出(實質GDP)		就業投入總工時		單位產出勞動成本		平均每工時薪資	
	指數	年增率	指數	年增率	指數	年增率	指數	年增率	指數	年增率
９３年2004										
全體產業	91.13	3.72	89.05	7.16	97.73	3.33	105.51	-3.07	96.14	0.53
農林漁牧業	77.74	0.37	91.73	-5.39	118.00	-5.74	123.60	-3.53	96.08	-3.17
工業	90.12	4.66	86.73	9.55	96.24	4.68	105.08	-3.88	94.69	0.59
製造業	86.53	5.64	85.00	10.33	98.23	4.43	108.57	-4.65	93.94	0.72
服務業	93.71	2.43	90.58	6.14	96.66	3.62	104.59	-1.99	98.01	0.39
９４年2005										
全體產業	94.95	4.19	93.89	5.44	98.89	1.19	103.71	-1.71	98.47	2.42
農林漁牧業	81.40	4.71	87.84	-4.24	107.91	-8.55	120.88	-2.20	98.40	2.41
工業	94.21	4.54	92.73	6.92	98.43	2.28	104.08	-0.95	98.06	3.56
製造業	92.47	6.86	91.71	7.89	99.18	0.97	105.93	-2.43	97.94	4.26
服務業	96.61	3.09	94.92	4.79	98.26	1.66	102.63	-1.87	99.15	1.15
９５年2006										
全體產業	100.00	5.32	100.00	6.51	100.00	1.12	100.00	-3.58	100.00	1.55
農林漁牧業	100.00	22.85	100.00	13.84	100.00	-7.33	100.00	-17.27	100.00	1.63
工業	100.00	6.15	100.00	7.84	100.00	1.60	100.00	-3.92	100.00	1.98
製造業	100.00	8.14	100.00	9.04	100.00	0.83	100.00	-5.60	100.00	2.10
服務業	100.00	3.51	100.00	5.35	100.00	1.77	100.00	-2.56	100.00	0.86
９６年2007										
全體產業	105.42	5.42	106.76	6.76	101.27	1.27	97.30	-2.70	102.57	2.57
農林漁牧業	101.80	1.80	97.58	-2.42	95.86	-4.14	101.75	1.75	103.58	3.58
工業	106.73	6.73	109.02	9.02	102.15	2.15	95.60	-4.40	102.03	2.03
製造業	107.38	7.38	109.82	9.82	102.27	2.27	94.83	-5.17	101.83	1.83
服務業	104.28	4.28	105.51	5.51	101.19	1.19	98.49	-1.51	102.70	2.70
９７年2008										
全體產業	105.47	0.05	107.28	0.49	101.71	0.43	98.20	0.92	103.58	0.99
農林漁牧業	103.61	1.78	98.12	0.55	94.71	-1.20	108.67	6.80	112.59	8.70
工業	106.63	-0.09	108.84	-0.17	102.07	-0.08	96.75	1.20	103.16	1.12
製造業	107.86	0.45	110.29	0.43	102.26	-0.01	95.63	0.84	103.15	1.30
服務業	104.24	-0.04	106.52	0.96	102.19	0.99	98.85	0.37	103.03	0.33
９８年2009										
全體產業	106.31	0.80	104.71	-2.40	98.50	-3.16	95.21	-3.04	101.21	-2.29
農林漁牧業	99.95	-3.53	95.06	-3.12	95.11	0.42	116.17	6.90	116.11	3.13
工業	108.44	1.70	103.69	-4.73	95.62	-6.32	90.98	-5.96	98.66	-4.36
製造業	109.69	1.70	105.04	-4.76	95.76	-6.36	87.99	-7.99	96.52	-6.42
服務業	104.69	0.43	105.77	-0.70	101.03	-1.14	97.28	-1.59	101.85	-1.15

Summary Analysis

As far as the development of domestic industries are concerned, raising labor productivity can not only promote sustainable economic growth, but also stabilize commodity prices, lower production costs, and raise the level of salary. Research on the labor productivity trend of domestic industries has been made after learning the fact that an industry, in the process of management and production activities, has the two main input factors of labor and capital. This research also contributes to further analysis on the level of capital-intensiveness and the effect of the rate of progress of technological advancement.

As for the research on the labor productivity of industry, it evaluates the output attained from unit labor input, which is usually indicated with “total output divided by total labor input.” This in turn can serve as an indicator of the efficiency of labor input by industry as well as potential economic production. Of it, the total output is evaluated with “real GDP,” namely an evaluation based on the concept of output value. As for the total labor input, it is evaluated with total employed hours.”

In addition, unit labor costs on research industries is meant to evaluate labor cost spent on unit output. It is usually indicated by total labor cost divided by total output and can be deemed as an indicator on the competitiveness of such industries. Of them total labor cost is evaluated with total employee earnings, while total output is evaluated with real GDP.

In order to observe the changing trend of labor productivity of domestic industries and their unit labor costs, we have indicated the meaning of the two with the following formulae based on the above-mentioned explanation:

(1) Labor productivity ＝ real GDP／total employed hours

(2) Unit labor Costs ＝ total employed earnings／real GDP

From (1) and (2) we can lead to the following:

(3) Unit labor Costs ＝ （ total employed earnings／total employed hours)／
(real GDP／total employed hours）
＝ average earnings per working hour／labor productivity

As far as the management of an industry is concerned, unit labor costs are an important indicator of its competitiveness. As indicated in (3), we have to mainly resort to raising labor productivity in order to achieve the goal of lowering labor cost with the intention of raising industrial competitiveness.

All Industries

Taiwan is a shallow-plate economy. As such its economic cycle is deeply affected by the international environment. In the first half 2009, Taiwan's economy had persistently declined. In the second half of 2009, as large-scale financial bailout plans implemented by advanced economies and their respective monetary policies had gradually taken effect and newly rising economies had experienced a stronger force of economic recovery and economic declines in these economies had been gradually put under control, Taiwan's import and export, consumption, and capacity utilization rate had also turned for the better with a slow pace. This was reinforced by the vigorously increasing budgets of the government in order to speedily implement many public construction projects. Supported by a strong recovery in foreign trade and domestic demand in the fourth quarter of 2009, Taiwan's economy had again turned from minus to plus in growth rates. The willingness for enterprises to hire more workers had strengthened. This in turned had caused the unemployment rate to go down. However, the unemployment rate was still not recovering to the level before the financial crisis. The 2009 economic growth rate for Taiwan was still in the minus territory, and the average unemployment rate was still a record low.

The 2009 real GDP of all industries in Taiwan had recorded a decrease of 2.40% compared with the year before, which was with a lower rate of reduction compared with a decrease of 3.16% recorded for its total employed hours. Because the 2009 rate of decrease in the total output was lower than the labor input, labor productivity for the said year had increased 0.80% compared with the year before. (GDP cited in this report does not include net factor income from abroad, housing services, government services, and error term. As for its method of calculation, please refer to the attached "compilation explanation.").

As for unit labor costs, as the average earnings per working hour had recorded a decrease of 2.29% in 2009 compared with the year before and labor productivity had recorded a slight increase, the unit labor costs of all industries had decreased 3.04% compared with the year before.

(1) Agriculture, Forestry, Fishing, and livestock industry

Affected by such factors as Typhoon Morakot which had cause heavy damage to the industry in 2009, the real GDP in agriculture, forestry, fishing, and livestock industry had recorded a decrease of 3.12%, while the total employed

hours had slighted increased 0.42%. This had caused its labor productivity to decrease 3.53% and its unit labor costs to increase 6.90% compared with the year before.

(2) Industry

Affected by the financial crisis in the beginning of 2009, the output of the industrial sector had seen shrinking exports, a weak domestic demand, and sluggish manufacturing output. The economy had not recovered. Since the middle of 2009, because large-scale financial bailout plans had been implemented by advanced economies in Europe and America and monetary and financial policies of various countries had gradually taken effect, the world economy had gradually shaken off the adverse effects of the financial crisis. However, the 2009 real GDP of the industrial sector had recorded a decrease of 4.73% in 2009, with a decrease of 6.32% in its total employed hours. This had caused labor productivity to increase 1.70%. As for unit labor costs, it was affected by the 4.36% decrease of the annual average earnings per working hour and the 1.70% increase of labor productivity and had thus recorded a decrease of 5.96% compared with the year before.

When observing labor productivity of various industries in 2009, the real GDP of Mining and Quarrying had recorded a decrease of 11.84% growth compared with the year before, which was lower than the 18.61% decrease rate recorded for its total employed hours. This had in turn caused its labor productivity to increase 8.30%. Affected by sluggish exports in the first half of 2009, the real GDP of Manufacturing had recorded a decrease of 4.76% growth in 2009, which was lower than the 6.36% decrease rate recorded for its total employed hours. This had in turn caused its labor productivity to increase 1.70%. Because of decreasing domestic industrial output and lower consumption of water and electricity, the real GDP of Electricity and gas supply had recorded a decrease of 2.82% growth. However, its total employed hours had increased 2.71% .This had caused its labor productivity to decrease 5.40%. Affected by the sluggish economy, Construction had seen a decrease in construction projects and feeble investment momentum for these projects in 2009. This had in turn caused its real GDP to record a decrease of 6.94% growth. Because its total employed hours had also decreased 7.04%, its labor productivity had slightly increased 0.09% compared with the year before. Benefited by rising material prices and increased

awareness of environmental protection in recent years, the real GDP of Water supply and remediation services had recorded a remarkable 4.72% growth in 2009. Its total employed hours had also increased 0.60%. This in turn had caused its labor productivity to increase 4.10%. It was the only industry in the industrial sector which had seen its real GDP and total employed hours to record positive growths.

When observing unit labor costs, except for Electricity and gas supply and Construction which has recorded a 7.58% and 1.19% increase in average earnings per working hour respectively, which had caused their unit labor costs to increase 13.71% and 1.08% respectively, all other industries in the industrial sector had recorded decreases in unit labor costs. Among the latter, Mining and quarrying had recorded the biggest decrease of 8.85% in unit labor costs.

(3) Services

In the first half of 2009, although the service sector was encouraged by such government measures as issuance of consumption coupon, tax reduction, short- and long–term employment promotion, opening Taiwan to tourists from mainland China, and direct air routes flown by charter planes across the Taiwan Strait, the effects fell short of expectations because the actual effects of these measures to the economy had lagged when timing was considered. Also because of rising unemployment rate, salary cuts, implementation of offering employee vacations without pay and manpower reduction by some enterprises among others, private consumption power and willingness had decreased. In the second half of 2009, although some industries had been adversely affected by Influenza A (H1N1) virus, the economy had steadily recovered and walked out of recession. The foreign trade momentum had gradually recovered; private consumption had persistently increased; and stock market transactions had revived. Hot buying of motorcycles and cars prompted by a most favorable reduction of the excise tax had appeared, with an increase in licensed new cars and motorcycles. Supported by the prevalent Stay-at-Home-Economy, the revenue of the service sector was back on the increasing track. However, the 2009 real GDP of the said sector had recorded a slight decrease of 0.70% and its total employed hours had also decreased 1.14%. This in turn had caused its labor productivity to increase 0.43%. Moreover, its average earnings per working hour had recorded a decrease of 1.15% in 2009, and this had caused its unit labor costs to decrease 1.59% compared with the year before.

When observing various industries, the real GDP of Arts, entertainment, and recreation had increased 4.20% in 2009, while its total employed hours had decreased 4.98%. This in turn had caused it labor productivity to increase 9.67%, which was the best performance among all industries in this sector. Because the launchings of construction projects were getting slower as a result of economic recession, the real GDP of Real estate had recorded a decrease of 0.63% growth in 2009, while its total employed hours also had decreased 7.59% compared with the year before. This had caused its labor productivity to increase 7.56% in 2009, which was the second best performance among all industries in this sector. Hit directly by the financial crisis and affected by such factors as a persistent decrease in its loan balances and low interest gaps, the real GDP of Finance and insurance, had recorded a decrease of 7.20% growth, while its total employed hours had increased 0.77% compared with the year before. This had caused its labor productivity to decrease 7.91% in 2009, which was the biggest decrease among all industries in this sector. The real GDP of Support services had recorded a decrease of 2.15% growth, while its total employed hours had decreased 0.29% compared with the year before. This had caused its labor productivity to decrease 1.86%, which ranked second among all industries in this sector.

As for unit labor costs, except for Wholesale and retail trade, Accommodation and food services, and Other services, all other industries in the service sector had seen a reduction in average earnings per working hour in 2009 compared with the year before. Of them, the average earnings per working hour of Accommodation and food services had recorded a 3.04% growth compared with the year before and this had caused its unit output labor productivity to increase 3.59%, which was the highest among all. The average earnings per working hour of Finance and insurance had recorded a decrease of 5.88% growth in 2009 compared with the year before, and were lower than a decrease of 7.91% growth of its labor productivity recorded for 2009 compared with the year before. This in turn had caused its unit labor costs to increase 2.19% in 2009 compared with the year before, which ranked second among all. The unit labor costs for the remaining industries had all recorded a decrease in 2009 compared with the year before. Of them, arts, Entertainment, and recreation; Professional, scientific, and technical services; and Real estate had decreased 12.61%, 11.49%, and 11.46% respectively. These three industries had seen bigger decreases compared with the others.

Labor Productivity and Unit Output Labor Cost of All Industries

Base Period：2006＝100 Unit：%

Item	Labor productivity (Output per hour)		Output (Real GDP)		Employed hours		Unit output labor cost		Average earning per working hour	
	Index	Annual rate of change	Index	Annual rate of change	Index	Annual rate of change	Index	Annual rate of change	Index	Annual rate of change
2004										
All Industries	91.13	3.72	89.05	7.16	97.73	3.33	105.51	-3.07	96.14	0.53
Agriculture	77.74	0.37	91.73	-5.39	118.00	-5.74	123.60	-3.53	96.08	-3.17
Industry	90.12	4.66	86.73	9.55	96.24	4.68	105.08	-3.88	94.69	0.59
Manufacturing	86.53	5.64	85.00	10.33	98.23	4.43	108.57	-4.65	93.94	0.72
Services	93.71	2.43	90.58	6.14	96.66	3.62	104.59	-1.99	98.01	0.39
2005										
All Industries	94.95	4.19	93.89	5.44	98.89	1.19	103.71	-1.71	98.47	2.42
Agriculture	81.40	4.71	87.84	-4.24	107.91	-8.55	120.88	-2.20	98.40	2.41
Industry	94.21	4.54	92.73	6.92	98.43	2.28	104.08	-0.95	98.06	3.56
Manufacturing	92.47	6.86	91.71	7.89	99.18	0.97	105.93	-2.43	97.94	4.26
Services	96.61	3.09	94.92	4.79	98.26	1.66	102.63	-1.87	99.15	1.15
2006										
All Industries	100.00	5.32	100.00	6.51	100.00	1.12	100.00	-3.58	100.00	1.55
Agriculture	100.00	22.85	100.00	13.84	100.00	-7.33	100.00	-17.27	100.00	1.63
Industry	100.00	6.15	100.00	7.84	100.00	1.60	100.00	-3.92	100.00	1.98
Manufacturing	100.00	8.14	100.00	9.04	100.00	0.83	100.00	-5.60	100.00	2.10
Services	100.00	3.51	100.00	5.35	100.00	1.77	100.00	-2.56	100.00	0.86
2007										
All Industries	105.42	5.42	106.76	6.76	101.27	1.27	97.30	-2.70	102.57	2.57
Agriculture	101.80	1.80	97.58	-2.42	95.86	-4.14	101.75	1.75	103.58	3.58
Industry	106.73	6.73	109.02	9.02	102.15	2.15	95.60	-4.40	102.03	2.03
Manufacturing	107.38	7.38	109.82	9.82	102.27	2.27	94.83	-5.17	101.83	1.83
Services	104.28	4.28	105.51	5.51	101.19	1.19	98.49	-1.51	102.70	2.70
2008										
All Industries	105.47	0.05	107.28	0.49	101.71	0.43	98.20	0.92	103.58	0.99
Agriculture	103.61	1.78	98.12	0.55	94.71	-1.20	108.67	6.80	112.59	8.70
Industry	106.63	-0.09	108.84	-0.17	102.07	-0.08	96.75	1.20	103.16	1.12
Manufacturing	107.86	0.45	110.29	0.43	102.26	-0.01	95.63	0.84	103.15	1.30
Services	104.24	-0.04	106.52	0.96	102.19	0.99	98.85	0.37	103.03	0.33
2009										
All Industries	106.31	0.80	104.71	-2.40	98.50	-3.16	95.21	-3.04	101.21	-2.29
Agriculture	99.95	-3.53	95.06	-3.12	95.11	0.42	116.17	6.90	116.11	3.13
Industry	108.44	1.70	103.69	-4.73	95.62	-6.32	90.98	-5.96	98.66	-4.36
Manufacturing	109.69	1.70	105.04	-4.76	95.76	-6.36	87.99	-7.99	96.52	-6.42
Services	104.69	0.43	105.77	-0.70	101.03	-1.14	97.28	-1.59	101.85	-1.15

參、統計結果表

Ⅲ、STATISTICAL RESULTS

歷年全體產業生產力統計主要指標

基期：民國95年=100

項目別	勞動生產力指數 Indexes of labor productivity	每工時產出（新台幣元／小時） Output per hour（N.T. Dollar／Hour）（註1）	每就業者產出（新台幣元／每人每月） Output per employed person（N.T. Dollar／Per month per employed）（註1）	每一等就業者產出（新台幣元／每人每月） Output per equi-employed person（N.T. Dollar／Per month per equi-employed）（註1）
81年1992	51.40	240.57	47882	49473
82年1993	53.85	252.05	50083	51795
83年1994	56.49	264.42	52680	55431
84年1995	59.89	280.33	55207	56113
85年1996	62.91	294.47	57895	58848
86年1997	65.99	308.88	60832	61911
87年1998	69.07	323.29	62572	63335
88年1999	75.03	351.19	68208	68860
89年2000	78.58	367.77	71442	72049
90年2001	80.87	378.49	69986	70469
91年2002	84.84	397.09	73605	74117
92年2003	87.86	411.21	76114	76659
93年2004	91.13	426.51	79760	80388
94年2005	94.95	444.43	82613	83422
95年2006	100.00	468.05	86429	87337
96年2007	105.42	493.43	90680	91086
97年2008	105.47	493.67	90344	90831
第1季 Ⅰ	106.67	499.29	87964	88524
第2季 Ⅱ	105.83	495.33	91683	92033
第3季 Ⅲ	105.04	491.63	92048	92512
第4季 Ⅳ	104.41	488.69	89665	90235
98年2009	106.31	497.58	89850	90392
第1季 Ⅰ	101.07	473.05	79139	79657
第2季 Ⅱ	102.19	478.28	85823	86285
第3季 Ⅲ	106.27	497.40	92813	93483
第4季 Ⅳ	114.81	537.35	101489	101995

註1：產出係以95年價格計算之實質國民生產毛額。

2：配合國民所得統計發布時程，本表70~80年資料於網站上公布。

INDICATORS IN LABOR PRODUCTIVITY

Base Period：2006=100

單位產出勞動成本指數 Indexes of unit output labor cost	就業者工時指數 Indexes of employed hours	就業者指數 Indexes of employed persons	等就業者指數 Indexes of equi-employed persons	總薪資指數 Indexes of total earnings	每工時薪資指數 Indexes of per hour earnings
123.07	94.68	87.84	85.91	59.89	63.26
127.97	95.89	89.11	87.08	66.08	68.91
129.83	98.31	91.12	87.50	72.10	73.35
129.78	98.29	92.17	91.63	76.41	77.73
128.94	98.23	92.26	91.72	79.69	81.12
129.03	99.64	93.43	92.77	84.85	85.15
129.04	99.30	94.74	94.58	88.51	89.13
122.35	97.69	92.88	92.97	89.68	91.80
119.86	98.91	94.02	94.21	93.15	94.18
118.63	93.14	93.02	93.35	89.36	95.94
111.55	94.09	93.74	94.07	89.05	94.64
108.85	94.58	94.36	94.67	90.45	95.63
105.51	97.73	96.50	96.75	93.96	96.14
103.71	98.89	98.23	98.30	97.38	98.47
100.00	100.00	100.00	100.00	100.00	100.00
97.30	101.27	101.75	102.37	103.87	102.57
98.20	101.71	102.63	103.15	105.35	103.58
122.93	97.64	102.34	102.76	128.04	131.13
89.17	102.94	102.70	103.39	97.14	94.37
91.51	104.46	103.03	103.59	100.41	96.12
90.12	101.79	102.44	102.87	95.78	94.10
95.21	98.50	100.73	101.18	99.69	101.21
125.08	91.05	100.50	100.89	115.10	126.41
92.67	97.37	100.20	100.71	92.21	94.70
87.47	101.76	100.70	101.03	94.59	92.95
81.27	103.82	101.51	102.07	96.88	93.32

Note 1 : Output is real gross domestic product at the constant prices of 2006.

2 : In line with the National income statistics release schedule, 1981-1991 data in this table published on the website.

表１　產業別產值勞動生產力指數

基期：民國９５年＝100

項目別	全體產業 All Industries	農林漁牧業 Agriculture, forestry, fishing & animal husbandry	工業 Industry	礦業及土石採取業 Mining & quarrying
９０年２００１	80.87	70.78	72.57	111.22
９１年２００２	84.84	77.24	80.39	120.91
９２年２００３	87.86	77.45	86.11	104.46
第１季 Ⅰ	86.21	70.69	78.96	111.54
第２季 Ⅱ	81.89	82.53	79.56	98.97
第３季 Ⅲ	87.14	63.72	88.07	112.92
第４季 Ⅳ	95.86	92.91	96.99	93.88
９３年２００４	91.13	77.74	90.12	120.09
第１季 Ⅰ	89.08	68.61	82.96	113.77
第２季 Ⅱ	88.38	80.31	86.31	121.17
第３季 Ⅲ	90.62	63.36	93.92	134.63
第４季 Ⅳ	96.17	99.36	96.48	110.84
９４年２００５	94.95	81.40	94.21	121.11
第１季 Ⅰ	91.71	77.78	85.28	141.50
第２季 Ⅱ	90.46	82.83	88.36	130.00
第３季 Ⅲ	94.20	67.98	96.49	112.42
第４季 Ⅳ	103.07	97.40	105.76	101.12
９５年２００６	100.00	100.00	100.00	100.00
第１季 Ⅰ	95.96	87.52	90.04	103.44
第２季 Ⅱ	96.80	100.10	95.47	88.23
第３季 Ⅲ	99.34	89.96	105.06	96.78
第４季 Ⅳ	107.62	122.89	108.65	112.25
９６年２００７	105.42	101.80	106.73	130.22
第１季 Ⅰ	99.97	92.90	92.42	135.45
第２季 Ⅱ	101.15	110.72	100.12	115.57
第３季 Ⅲ	107.56	95.75	114.55	142.01
第４季 Ⅳ	112.46	107.49	118.32	127.93
９７年２００８	105.47	103.61	106.63	119.21
第１季 Ⅰ	106.67	94.66	103.32	139.58
第２季 Ⅱ	105.83	111.56	106.69	125.35
第３季 Ⅲ	105.04	91.42	113.52	112.38
第４季 Ⅳ	104.41	116.07	102.48	101.40
９８年２００９	106.31	99.95	108.44	129.11
第１季 Ⅰ	101.07	92.74	93.13	116.39
第２季 Ⅱ	102.19	110.98	99.87	142.16
第３季 Ⅲ	106.27	84.29	115.07	108.20
第４季 Ⅳ	114.81	110.99	122.82	154.85

註：本報告書各表之行業分類係依第８次修訂之中華民國行業標準分類。

TABLE 1 INDEXES OF LABOR PRODUCTIVITY BY INDUSTRY

Base Period：2006=100

Industry				服務業 Services	
製造業 Manufacturing	電力及燃氣供應業 Electricity & gas supply	用水供應及污染整治業 Water supply & remediation services	營造業 Construction		批發及零售業 Wholesale & retail trade
68.08	78.04	67.90	99.46	89.38	82.48
75.48	82.49	74.63	107.94	90.37	84.53
81.91	86.66	77.03	107.44	91.49	86.67
72.62	80.84	77.33	118.56	94.34	89.54
75.15	79.92	65.10	108.45	85.32	79.10
83.41	90.41	79.72	110.35	89.33	81.41
95.28	94.50	87.04	93.29	96.99	96.68
86.53	89.99	77.91	108.95	93.71	88.54
77.85	82.95	76.77	113.30	96.07	88.59
82.42	80.25	67.72	114.04	91.47	85.36
89.41	97.71	88.21	118.25	90.61	84.11
95.44	98.87	80.00	91.03	96.77	96.04
92.47	95.62	87.80	102.00	96.61	95.36
80.34	85.26	80.50	113.52	97.83	95.77
85.70	84.08	86.85	105.08	92.84	90.29
94.59	108.54	89.00	106.84	94.08	90.29
108.25	104.97	94.60	84.81	101.66	105.04
100.00	100.00	100.00	100.00	100.00	100.00
88.17	94.10	98.20	101.91	100.86	100.22
95.00	90.19	98.97	102.60	97.70	95.59
104.35	108.01	103.43	110.71	95.37	93.06
111.61	107.10	99.19	85.05	106.16	111.36
107.38	104.82	98.80	100.36	104.28	104.91
90.63	97.26	100.01	101.71	105.42	107.30
99.93	94.09	98.60	103.77	101.26	99.60
114.72	116.62	107.46	110.13	102.40	99.47
122.42	110.46	90.06	86.20	108.00	113.24
107.86	104.13	94.87	95.72	104.24	106.40
103.59	101.84	94.22	99.68	109.03	113.98
108.09	98.27	94.61	97.44	104.59	105.86
114.65	110.85	100.00	102.84	98.80	97.94
104.53	105.25	90.85	82.72	104.83	108.34
109.69	98.51	98.76	95.81	104.69	108.04
92.55	89.56	96.99	95.18	106.08	111.02
100.10	86.15	99.84	97.79	103.05	103.23
115.69	110.17	100.97	105.52	100.47	101.16
126.82	106.27	97.08	84.89	109.11	116.69

Note : Data in this report is based on the eighth revised edition of standard industrial classification system in R.O.C.

表1　產業別產值勞動生產力指數（續）

基期：民國95年=100

項目別	服務業			
	運輸及倉儲業 Transportation & storage	住宿及餐飲業 Accommodation & food services	資訊及通訊傳播業 Information & communication	金融及保險業 Finance & insurance
90年2001	85.00	107.34	88.05	93.21
91年2002	91.03	99.27	92.29	92.44
92年2003	90.92	95.23	98.72	93.40
第1季 Ⅰ	99.98	95.20	98.94	94.87
第2季 Ⅱ	85.79	80.83	94.44	87.93
第3季 Ⅲ	84.18	97.94	97.36	99.82
第4季 Ⅳ	94.53	106.34	103.91	91.12
93年2004	92.71	101.96	99.93	96.79
第1季 Ⅰ	96.32	107.17	103.73	103.46
第2季 Ⅱ	88.94	99.17	98.96	99.13
第3季 Ⅲ	89.80	96.94	102.35	95.28
第4季 Ⅳ	95.90	104.71	95.32	90.14
94年2005	97.72	100.48	100.93	97.98
第1季 Ⅰ	100.24	101.43	102.33	98.34
第2季 Ⅱ	92.94	95.47	100.66	100.30
第3季 Ⅲ	94.61	100.07	107.81	100.09
第4季 Ⅳ	103.13	104.83	93.92	93.39
95年2006	100.00	100.00	100.00	100.00
第1季 Ⅰ	101.92	99.34	100.50	100.56
第2季 Ⅱ	95.87	95.54	92.68	104.04
第3季 Ⅲ	97.05	95.70	105.46	98.74
第4季 Ⅳ	105.34	109.22	101.58	96.77
96年2007	105.98	102.79	104.22	107.76
第1季 Ⅰ	111.35	106.74	104.65	105.39
第2季 Ⅱ	101.97	97.42	99.42	110.99
第3季 Ⅲ	103.32	99.67	107.87	112.48
第4季 Ⅳ	107.61	107.43	104.84	102.14
97年2008	107.27	100.12	110.54	103.35
第1季 Ⅰ	113.41	106.61	112.60	110.23
第2季 Ⅱ	103.02	99.55	105.92	112.22
第3季 Ⅲ	102.54	92.85	111.21	97.82
第4季 Ⅳ	110.67	101.70	112.56	93.98
98年2009	107.17	99.58	112.23	95.18
第1季 Ⅰ	112.65	106.99	111.10	94.59
第2季 Ⅱ	103.90	99.81	108.54	102.09
第3季 Ⅲ	101.71	93.27	113.30	93.37
第4季 Ⅳ	110.87	98.74	115.72	91.08

註：本報告書各表之行業分類係依第8次修訂之中華民國行業標準分類。

TABLE 1 INDEXES OF LABOR PRODUCTIVITY BY INDUSTRY（CONT.）

Base Period：2006=100

Services					
不動產業 Real estate	專業、科學及技術服務業 Professional, scientific & technical services	支援服務業 Support services	醫療保健服務業 Human health services	藝術、娛樂及休閒服務業 Art, entertainment & recreational	其他服務業 Other services
83.61	97.72	86.13	114.03	95.35	87.57
70.62	93.96	91.78	114.51	86.66	93.26
80.91	95.98	82.24	112.65	87.80	95.69
85.28	104.02	81.52	115.17	98.87	102.78
84.02	86.42	78.28	107.74	84.90	91.48
51.27	96.75	80.41	111.51	83.79	97.26
104.24	97.86	88.30	116.17	84.43	91.88
76.11	96.54	88.56	110.95	87.08	91.88
86.87	104.30	87.44	111.19	93.57	97.46
74.56	91.81	83.93	106.53	86.45	87.85
53.31	95.33	90.36	111.29	84.28	90.95
91.53	95.47	92.38	114.71	84.51	91.63
76.42	91.92	93.68	103.00	89.84	96.32
78.97	92.89	95.41	105.84	93.81	105.20
64.82	83.05	89.29	98.54	88.68	91.49
56.92	93.08	91.75	99.39	86.87	95.17
105.52	98.88	98.39	108.69	90.16	94.25
100.00	100.00	100.00	100.00	100.00	100.00
102.68	101.25	94.75	99.49	98.65	106.48
84.77	99.32	97.16	99.30	100.66	100.97
76.31	100.00	100.97	94.26	103.52	95.88
136.10	99.50	106.69	107.34	97.36	97.45
93.91	95.67	105.33	103.11	114.28	103.90
87.80	99.14	101.15	106.04	117.23	108.30
89.00	96.28	101.05	101.64	110.30	100.88
78.38	95.48	105.04	102.56	117.72	103.76
121.10	92.35	113.85	102.45	111.93	102.84
84.68	91.03	105.73	103.26	124.18	107.24
86.62	92.78	103.90	102.24	130.48	114.69
94.20	92.49	102.43	101.24	118.45	100.95
60.09	89.54	104.40	102.59	125.00	107.16
99.84	89.48	112.14	106.85	123.11	106.50
91.08	95.59	103.76	104.11	136.19	112.85
76.07	91.80	99.47	107.60	148.70	120.61
80.81	101.04	99.43	104.44	135.92	107.30
80.13	96.97	101.49	100.08	132.92	109.07
123.87	92.53	114.40	104.71	128.21	114.82

Note : Data in this report is based on the eighth revised edition of standard industrial classification system in R.O.C.

表２　產業別每工時產出（按９５年價格計算）

單位：新台幣元／小時

項目別	全體產業 All Industries	農林漁牧業 Agriculture, forestry, fishing & animal husbandry	工業 Industry	礦業及土石採取業 Mining & quarrying
９０年２００１	378.49	118.40	337.37	3031.21
９１年２００２	397.09	129.21	373.73	3295.34
９２年２００３	411.21	129.57	400.35	2847.02
第１季 Ⅰ	403.52	118.26	367.10	3040.10
第２季 Ⅱ	383.27	138.06	369.90	2697.52
第３季 Ⅲ	407.85	106.60	409.45	3077.66
第４季 Ⅳ	448.67	155.44	450.91	2558.59
９３年２００４	426.51	130.05	418.98	3273.03
第１季 Ⅰ	416.92	114.77	385.70	3100.66
第２季 Ⅱ	413.65	134.35	401.30	3302.36
第３季 Ⅲ	424.16	106.00	436.64	3669.35
第４季 Ⅳ	450.13	166.21	448.54	3020.83
９４年２００５	444.43	136.18	438.03	3300.78
第１季 Ⅰ	429.26	130.12	396.47	3856.66
第２季 Ⅱ	423.37	138.57	410.82	3543.11
第３季 Ⅲ	440.91	113.73	448.59	3063.90
第４季 Ⅳ	482.40	162.94	491.72	2755.86
９５年２００６	468.05	167.29	464.92	2725.46
第１季 Ⅰ	449.14	146.42	418.63	2819.20
第２季 Ⅱ	453.06	167.46	443.86	2404.68
第３季 Ⅲ	464.94	150.49	488.45	2637.66
第４季 Ⅳ	503.73	205.58	505.14	3059.34
９６年２００７	493.43	170.30	496.20	3549.22
第１季 Ⅰ	467.91	155.42	429.68	3691.62
第２季 Ⅱ	473.44	185.22	465.46	3149.71
第３季 Ⅲ	503.43	160.18	532.58	3870.37
第４季 Ⅳ	526.37	179.81	550.10	3486.78
９７年２００８	493.67	173.33	495.73	3248.99
第１季 Ⅰ	499.29	158.36	480.38	3804.25
第２季 Ⅱ	495.33	186.63	496.03	3416.47
第３季 Ⅲ	491.63	152.93	527.76	3062.99
第４季 Ⅳ	488.69	194.17	476.44	2763.50
９８年２００９	497.58	167.21	504.17	3518.92
第１季 Ⅰ	473.05	155.14	433.00	3172.14
第２季 Ⅱ	478.28	185.66	464.33	3874.50
第３季 Ⅲ	497.40	141.01	535.00	2949.03
第４季 Ⅳ	537.35	185.68	571.02	4220.28

TABLE 2 OUTPUT PER HOUR BY INDUSTRY（AT 2006 CONSTANT PRICES）

Unit：N.T. Dollar／Hour

Industry				服務業	
製造業	電力及燃氣供應業	用水供應及污染整治業	營造業	Services	批發及零售業
Manufacturing	Electricity & gas supply	Water supply & remediation services	Construction		Wholesale & retail trade
352.50	1986.16	400.45	184.61	449.44	464.16
390.79	2099.64	440.16	200.35	454.39	475.68
424.09	2205.75	454.32	199.43	460.04	487.71
375.98	2057.51	456.12	220.05	474.35	503.89
389.11	2034.02	383.98	201.29	429.03	445.16
431.87	2301.23	470.22	204.82	449.16	458.11
493.33	2405.12	513.34	173.16	487.71	544.09
448.02	2290.54	459.50	202.22	471.18	498.24
403.09	2111.16	452.79	210.30	483.08	498.51
426.74	2042.64	399.45	211.67	459.93	480.36
462.94	2486.82	520.29	219.49	455.60	473.31
494.17	2516.41	471.87	168.95	486.61	540.48
478.79	2433.59	517.84	189.32	485.76	536.65
415.97	2170.15	474.78	210.70	491.91	538.97
443.70	2139.90	512.22	195.04	466.83	508.11
489.75	2762.47	524.95	198.31	473.08	508.10
560.49	2671.68	557.94	157.41	511.20	591.11
517.77	2545.23	589.81	185.61	502.83	562.75
456.54	2395.08	579.19	189.15	507.14	563.96
491.87	2295.50	583.73	190.44	491.27	537.96
540.29	2749.07	610.06	205.49	479.57	523.70
577.87	2725.79	585.05	157.87	533.81	626.67
555.99	2667.76	582.73	186.28	524.33	590.37
469.24	2475.40	589.87	188.79	530.11	603.84
517.42	2394.71	581.56	192.60	509.18	560.50
593.96	2968.22	633.82	204.42	514.90	559.79
633.87	2811.45	531.17	159.99	543.06	637.28
558.45	2650.24	559.57	177.66	524.13	598.76
536.36	2591.90	555.71	185.01	548.22	641.41
559.66	2501.29	558.03	180.86	525.90	595.73
593.60	2821.28	589.82	190.88	496.82	551.14
541.22	2678.80	535.82	153.54	527.14	609.67
567.93	2507.39	582.49	177.83	526.41	607.98
479.17	2279.56	572.07	176.66	533.42	624.75
518.28	2192.65	588.88	181.51	518.19	580.93
599.02	2804.03	595.52	195.86	505.22	569.29
656.62	2704.72	572.58	157.56	548.63	656.69

表2　產業別每工時產出（按９５年價格計算）（續）

單位：新台幣元／小時

項目別	服務業			
	運輸及倉儲業 Transportation & storage	住宿及餐飲業 Accommodation & food services	資訊及通訊傳播業 Information & communication	金融及保險業 Finance & insurance
９０年２００１	355.62	170.58	871.89	1008.56
９１年２００２	380.86	157.76	913.90	1000.22
９２年２００３	380.39	151.34	977.57	1010.62
第１季 Ⅰ	418.27	151.29	979.73	1026.54
第２季 Ⅱ	358.93	128.45	935.19	951.44
第３季 Ⅲ	352.18	155.64	964.11	1080.08
第４季 Ⅳ	395.47	168.99	1028.91	986.01
９３年２００４	387.86	162.03	989.56	1047.28
第１季 Ⅰ	402.98	170.31	1027.22	1119.49
第２季 Ⅱ	372.12	157.60	979.93	1072.62
第３季 Ⅲ	375.70	154.05	1013.49	1031.03
第４季 Ⅳ	401.23	166.41	943.87	975.32
９４年２００５	408.85	159.68	999.44	1060.21
第１季 Ⅰ	419.39	161.19	1013.27	1064.05
第２季 Ⅱ	388.83	151.72	996.81	1085.34
第３季 Ⅲ	395.82	159.03	1067.54	1083.04
第４季 Ⅳ	431.47	166.60	930.06	1010.50
９５年２００６	418.37	158.92	990.24	1082.05
第１季 Ⅰ	426.39	157.87	995.23	1088.08
第２季 Ⅱ	401.08	151.83	917.78	1125.77
第３季 Ⅲ	406.03	152.08	1044.34	1068.42
第４季 Ⅳ	440.73	173.58	1005.90	1047.06
９６年２００７	443.40	163.34	1032.07	1165.99
第１季 Ⅰ	465.87	169.62	1036.28	1140.34
第２季 Ⅱ	426.63	154.82	984.52	1200.95
第３季 Ⅲ	432.25	158.39	1068.16	1217.07
第４季 Ⅳ	450.21	170.73	1038.12	1105.19
９７年２００８	448.80	159.11	1094.60	1118.28
第１季 Ⅰ	474.48	169.42	1115.02	1192.76
第２季 Ⅱ	431.01	158.20	1048.90	1214.27
第３季 Ⅲ	429.00	147.55	1101.21	1058.46
第４季 Ⅳ	463.03	161.61	1114.66	1016.95
９８年２００９	448.37	158.25	1111.35	1029.91
第１季 Ⅰ	471.30	170.03	1100.19	1023.56
第２季 Ⅱ	434.68	158.62	1074.76	1104.65
第３季 Ⅲ	425.51	148.22	1121.98	1010.35
第４季 Ⅳ	463.85	156.91	1145.92	985.57

TABLE 2 OUTPUT PER HOUR BY INDUSTRY（AT 2006 CONSTANT PRICES）(CONT.)

Unit：N.T. Dollar／Hour

Services					
不動產業 Real estate	專業、科學及技術服務業 Professional, scientific & technical services	支援服務業 Support services	醫療保健服務業 Human health services	藝術、娛樂及休閒服務業 Art, entertainment & recreational	其他服務業 Other services
1025.34	437.66	290.32	559.09	436.63	234.37
866.01	420.79	309.37	561.43	396.83	249.61
992.27	429.85	277.21	552.34	402.04	256.10
1045.78	465.84	274.81	564.66	452.71	275.09
1030.42	387.03	263.88	528.25	388.74	244.84
628.70	433.30	271.05	546.72	383.69	260.32
1278.31	438.25	297.66	569.57	386.60	245.91
933.36	432.36	298.51	543.98	398.73	245.90
1065.34	467.10	294.75	545.14	428.44	260.84
914.35	411.19	282.93	522.33	395.85	235.13
653.73	426.93	304.59	545.63	385.91	243.42
1122.43	427.57	311.41	562.41	386.99	245.24
937.19	411.68	315.80	505.01	411.37	257.79
968.47	416.02	321.61	518.94	429.58	281.56
794.98	371.94	300.97	483.12	406.07	244.88
698.01	416.85	309.27	487.31	397.76	254.72
1294.04	442.84	331.67	532.92	412.84	252.25
1226.35	447.86	337.09	490.30	457.90	267.64
1259.18	453.44	319.39	487.78	451.73	285.00
1039.63	444.81	327.51	486.86	460.90	270.24
935.77	447.88	340.37	462.18	474.00	256.60
1669.04	445.60	359.63	526.29	445.79	260.82
1151.64	428.45	355.05	505.55	523.29	278.08
1076.69	444.02	340.97	519.92	536.81	289.85
1091.47	431.18	340.63	498.36	505.08	269.99
961.23	427.63	354.08	502.87	539.02	277.70
1485.16	413.61	383.79	502.29	512.54	275.23
1038.52	407.70	356.42	506.28	568.63	287.02
1062.29	415.54	350.24	501.30	597.45	306.95
1155.28	414.24	345.26	496.40	542.40	270.19
736.93	400.99	351.92	503.02	572.37	286.81
1224.40	400.72	378.02	523.89	563.71	285.04
1116.90	428.12	349.75	510.44	623.62	302.04
932.87	411.11	335.29	527.57	680.90	322.80
991.06	452.53	335.17	512.06	622.38	287.17
982.67	434.30	342.10	490.69	608.65	291.93
1519.07	414.42	385.63	513.42	587.08	307.31

表３　產業別每就業者產出（按９５年價格計算）

單位：新台幣元／每人每月

項目別	全體產業 All Industries	農林漁牧業 Agriculture, forestry, fishing & animal husbandry	工業 Industry	礦業及土石採取業 Mining & quarrying
９０年２００１	69986	20967	62187	546471
９１年２００２	73605	22884	69375	607568
９２年２００３	76114	22948	74482	518429
第１季 Ⅰ	70700	20768	63957	527232
第２季 Ⅱ	71225	24609	69296	485265
第３季 Ⅲ	77095	18757	77948	575312
第４季 Ⅳ	85363	27768	86672	484050
９３年２００４	79760	23537	78893	606991
第１季 Ⅰ	74508	20683	68880	552781
第２季 Ⅱ	77881	24282	76292	621058
第３季 Ⅲ	80278	19218	83186	683808
第４季 Ⅳ	86271	30205	86898	571877
９４年２００５	82613	24509	81898	597721
第１季 Ⅰ	75708	23224	69752	651063
第２季 Ⅱ	79471	24837	78026	649475
第３季 Ⅲ	83450	20562	85532	568879
第４季 Ⅳ	91703	29568	94052	517100
９５年２００６	86429	29706	86390	498118
第１季 Ⅰ	80117	26462	74721	487952
第２季 Ⅱ	83819	29880	83124	443392
第３季 Ⅲ	88053	26198	93045	499509
第４季 Ⅳ	93579	36397	94421	565895
９６年２００７	90680	29588	91988	653929
第１季 Ⅰ	82039	27016	75489	644040
第２季 Ⅱ	87171	32760	86424	582924
第３季 Ⅲ	93810	27025	100413	729357
第４季 Ⅳ	99608	31576	105351	660295
９７年２００８	90344	30186	90789	593872
第１季 Ⅰ	87964	26738	84834	676623
第２季 Ⅱ	91683	32906	92549	621112
第３季 Ⅲ	92048	26711	99904	566284
第４季 Ⅳ	89665	34333	85767	515240
９８年２００９	89850	28837	89964	633264
第１季 Ⅰ	79139	25987	69396	536987
第２季 Ⅱ	85823	32107	81974	679379
第３季 Ⅲ	92813	24201	99955	554563
第４季 Ⅳ	101489	32979	108584	804249

TABLE 3 OUTPUT PER EMPLOYED PERSON BY INDUSTRY（AT 2006 CONSTANT PRICES）

Unit：N.T. Dollar／Per month per employed

Industry				服務業 Services	
製造業 Manufacturing	電力及燃氣供應業 Electricity & gas supply	用水供應及污染整治業 Water supply & remediation services	營造業 Construction		批發及零售業 Wholesale & retail trade
65180	343716	73645	33752	83868	87232
73458	362700	80341	35674	84721	89002
79983	378262	82941	35397	85387	90579
66352	329944	79628	36635	83430	87735
73836	350062	71709	36054	79744	83279
83365	405360	86326	37226	85350	87190
96232	427353	94886	31644	92927	104074
85570	394421	84706	36282	88048	94779
73125	349478	78129	35593	86276	91067
82221	354995	73556	38508	86447	91931
89567	427669	97931	39687	86287	90966
96951	447935	91122	31321	93134	105181
90625	415492	96339	34022	90252	100629
74346	350475	82876	35104	86789	96075
85420	370257	94351	35504	87349	96372
94499	478482	101335	36372	89533	96686
108150	470192	107723	29281	97245	113349
97197	437390	109066	33407	92816	103694
82235	395954	103000	32821	90283	100569
93114	393381	108055	34508	90423	99330
104153	489712	115430	37678	91251	99191
108996	470357	109581	28691	99219	115706
104286	457739	109135	33227	96291	108416
83462	402164	104377	31865	92888	105098
97156	408627	107492	34518	93555	102678
113421	518609	120298	36956	96079	104891
122666	501921	104474	29551	102633	121111
103172	457641	104708	31561	96354	110437
95729	421964	101272	31490	96838	113244
105579	433887	105700	32516	97237	110639
113961	501909	111681	34453	92892	103697
97313	473075	100358	27665	98462	114206
101614	432275	106857	31382	96338	112088
76433	366500	97088	28613	91984	108104
91656	375174	107595	31783	94453	106915
112590	496502	113099	35814	95003	107883
125586	487637	109671	29373	103777	125402

表3　產業別每就業者產出（按９５年價格計算）（續）

單位：新台幣元／每人每月

項目別	服務業			
	運輸及倉儲業 Transportation & storage	住宿及餐飲業 Accommodation & food services	資訊及通訊傳播業 Information & communication	金融及保險業 Finance & insurance
９０年2001	68064	32033	145091	167774
９１年2002	72530	29570	154814	168693
９２年2003	71674	28554	165087	170551
第１季 Ⅰ	74184	28127	154164	161529
第２季 Ⅱ	66760	24112	158228	162115
第３季 Ⅲ	68383	29743	168914	187763
第４季 Ⅳ	77390	32099	178877	171162
９３年2004	74434	29022	168271	177551
第１季 Ⅰ	73952	28953	165936	179951
第２季 Ⅱ	72211	27992	168797	183665
第３季 Ⅲ	72153	28408	173391	177123
第４季 Ⅳ	79405	30717	165229	169644
９４年2005	77466	29315	169016	178548
第１季 Ⅰ	75370	28772	161531	168437
第２季 Ⅱ	74074	27502	170311	184363
第３季 Ⅲ	76249	29741	185827	186704
第４季 Ⅳ	84216	31240	160154	174590
９５年2006	78686	29318	166132	182455
第１季 Ⅰ	77692	27949	160224	175835
第２季 Ⅱ	75131	27865	153091	189568
第３季 Ⅲ	78605	28845	181931	187218
第４季 Ⅳ	83356	32518	170253	177349
９６年2007	82748	29816	173924	195030
第１季 Ⅰ	82365	30433	163285	180245
第２季 Ⅱ	78923	28663	165448	200855
第３季 Ⅲ	82303	28848	186001	207120
第４季 Ⅳ	87456	31321	181126	191852
９７年2008	83432	29177	185712	187666
第１季 Ⅰ	84809	30484	176197	187324
第２季 Ⅱ	80946	28912	177702	204353
第３季 Ⅲ	81270	27183	194148	182582
第４季 Ⅳ	86814	30149	194967	176304
９８年2009	83566	28831	188249	173398
第１季 Ⅰ	81525	30203	174244	160406
第２季 Ⅱ	80091	28764	181008	185310
第３季 Ⅲ	82805	27267	197086	174442
第４季 Ⅳ	89727	29109	200631	173342

TABLE 3 OUTPUT PER EMPLOYED PERSON BY INDUSTRY（AT 2006 CONSTANT PRICES）(CONT.)

Unit：N.T. Dollar／Per month per employed

Services					
不動產業 Real estate	專業、科學及技術服務業 Professional, scientific & technical services	支援服務業 Support services	醫療保健服務業 Human health services	藝術、娛樂及休閒服務業 Art, entertainment & recreational	其他服務業 Other services
176187	78263	54587	100738	84384	48436
150282	74975	58174	101713	76566	51547
176320	77083	52593	98793	76554	52226
171237	78152	48657	96557	86246	53662
176542	70337	49961	94372	72242	49953
116609	79559	52937	100271	73438	54076
238308	80536	58650	103946	74844	51333
172822	78577	56952	96825	75143	50761
184484	81259	54261	92396	78365	51228
167296	75432	54344	94152	71899	49174
124023	78774	58835	98578	75618	50808
216398	78905	60270	102216	74766	51842
173768	73605	59739	89829	76697	53417
170154	70274	57315	86155	77052	54977
148392	68038	56611	86764	75851	51307
131265	75575	59767	89640	75272	53689
246115	80549	65143	96792	78650	53705
222745	79268	65057	86868	85531	55568
217592	76733	60169	83202	82635	56994
191169	78677	63072	86031	84682	55384
175282	82105	67624	85208	89924	54762
302714	79492	69187	92976	85210	55201
203202	76258	67263	89328	97649	57677
179595	74440	61446	87287	100291	57643
191915	77521	64403	88228	93694	55968
173961	76908	68330	90480	99992	58672
270642	76106	75137	91236	96670	58413
184998	72514	67103	89004	103658	59381
173849	70469	63170	85390	107007	61941
203124	74854	64589	88151	98235	56754
137615	72797	68244	89061	106692	59483
228464	71948	72475	93330	103008	59365
201000	74995	65400	89347	115506	61192
157605	66965	59391	85971	123297	61481
176437	78834	62354	89436	118002	57654
182231	78484	65703	89318	112912	60846
283596	75770	74368	92529	108441	64745

表４　產業別每一等就業者產出（按９５年價格計算）

單位：新台幣元／每等就業者每月

項目別	全體產業 All Industries	農林漁牧業 Agriculture, forestry, fishing & animal husbandry	工業 Industry	礦業及土石採取業 Mining & quarrying
９０年２００１	70469	21224	62611	557800
９１年２００２	74117	23169	69839	615156
９２年２００３	76659	23244	74991	525530
第１季 Ⅰ	71211	21026	64438	528143
第２季 Ⅱ	71769	24901	69754	500486
第３季 Ⅲ	77576	19000	78400	586854
第４季 Ⅳ	86005	28163	87315	484978
９３年２００４	80388	23833	79488	609713
第１季 Ⅰ	75101	20963	69472	557272
第２季 Ⅱ	78597	24547	76904	621058
第３季 Ⅲ	80931	19423	83856	688432
第４季 Ⅳ	86808	30668	87381	573569
９４年２００５	83422	24879	82710	603312
第１季 Ⅰ	76257	23590	70267	651063
第２季 Ⅱ	80058	25097	78565	657313
第３季 Ⅲ	84056	20806	86122	580376
第４季 Ⅳ	93290	30238	95782	520290
９５年２００６	87337	30342	87249	503774
第１季 Ⅰ	81359	27023	75920	491403
第２季 Ⅱ	85176	30854	84194	452593
第３季 Ⅲ	88603	26750	93602	508288
第４季 Ⅳ	93987	36791	94904	565895
９６年２００７	91086	29916	92412	660220
第１季 Ⅰ	82336	27236	75754	644041
第２季 Ⅱ	87542	32986	86799	589359
第３季 Ⅲ	94331	27439	101060	749633
第４季 Ⅳ	100055	32014	105787	660295
９７年２００８	90831	30499	91352	595011
第１季 Ⅰ	88524	27056	85480	676623
第２季 Ⅱ	92033	33131	92952	625934
第３季 Ⅲ	92512	27034	100350	566284
第４季 Ⅳ	90235	34700	86492	515240
９８年２００９	90392	29157	90620	633264
第１季 Ⅰ	79657	26273	70132	536988
第２季 Ⅱ	86285	32362	82526	679379
第３季 Ⅲ	93483	24636	100607	554563
第４季 Ⅳ	101995	33233	109164	804249

TABLE 4 OUTPUT PER EQUI-EMPLOYED PERSON BY INDUSTRY（AT 2006 CONSTANT PRICES）

Unit：N.T. Dollar／Per month per equi-employed

Industry				服務業 Services	
製造業 Manufacturing	電力及燃氣供應業 Electricity & gas supply	用水供應及污染整治業 Water supply & remediation services	營造業 Construction		批發及零售業 Wholesale & retail trade
65451	344534	73814	34309	84381	87641
73758	363417	80506	36263	85256	89434
80333	379289	83145	35984	85944	91031
66642	330181	79707	37376	83948	88136
74141	350213	71880	36640	80364	83777
83703	406254	86440	37696	85824	87564
96707	430576	95373	32187	93541	104609
86026	394820	84861	36882	88706	95278
73524	350846	78385	36342	86855	91526
82712	354995	73556	39154	87295	92602
90142	427669	97931	40280	86965	91413
97289	447935	91473	31747	93653	105583
91185	417205	96899	34823	91071	101391
74719	350475	83195	35691	87318	96512
85779	370257	95053	36093	87991	96962
94998	478482	101658	36838	90158	97248
109253	478293	108702	30683	98789	114921
97758	439046	109650	34232	93719	104491
82915	396492	103640	34283	91587	101666
93776	394888	108446	35666	91946	100654
104541	494630	116279	38180	91689	99646
109441	470357	110043	28944	99527	115941
104643	461396	109528	33512	96645	108711
83693	402164	104629	32063	93187	105371
97445	415191	107601	34821	93921	102994
113913	521920	120612	37463	96446	105163
123106	506735	105324	29715	103017	121428
103692	462030	105103	31889	96764	110817
96256	427422	101720	31961	97308	113780
105884	436718	106250	32813	97538	110887
114358	506220	111681	34731	93333	104069
98120	477944	100898	27922	98890	114569
102344	433341	107487	31634	96778	112460
77311	370195	97725	28841	92270	108291
92283	375174	108154	31998	94844	107248
113218	496502	113653	36186	95628	108526
126201	487637	110435	29580	104237	125719

表４　產業別每一等就業者產出（按９５年價格計算）（續）

單位：新台幣元／每等就業者每月

項目別	服務業			
	運輸及倉儲業 Transportation & storage	住宿及餐飲業 Accommodation & food services	資訊及通訊傳播業 Information & communication	金融及保險業 Finance & insurance
９０年２００１	68580	32364	145590	168231
９１年２００２	73075	29881	155388	169160
９２年２００３	72219	28861	165799	171038
第１季 Ⅰ	74731	28401	154658	161897
第２季 Ⅱ	67268	24457	158997	162520
第３季 Ⅲ	68872	30021	169739	188460
第４季 Ⅳ	78032	32412	179654	171669
９３年２００４	75130	29382	169147	178241
第１季 Ⅰ	74510	29218	166422	180735
第２季 Ⅱ	73107	28501	170175	183953
第３季 Ⅲ	72851	28794	174618	178363
第４季 Ⅳ	80024	30988	165716	170090
９４年２００５	78166	29752	169959	179174
第１季 Ⅰ	75985	28988	162115	169065
第２季 Ⅱ	74576	27841	171220	184790
第３季 Ⅲ	77006	30127	186829	187617
第４季 Ⅳ	85168	32080	161399	175127
９５年２００６	79378	29834	167077	182961
第１季 Ⅰ	78838	28679	161090	176419
第２季 Ⅱ	76006	28812	153890	190280
第３季 Ⅲ	78930	29073	182902	187499
第４季 Ⅳ	83749	32643	171404	177796
９６年２００７	83209	29942	174602	195616
第１季 Ⅰ	82743	30543	163482	180404
第２季 Ⅱ	79448	28794	166122	201610
第３季 Ⅲ	82743	29031	187280	207674
第４季 Ⅳ	87958	31397	181760	192755
９７年２００８	83977	29314	186443	188031
第１季 Ⅰ	85107	30613	177324	187607
第２季 Ⅱ	81241	29020	178373	204595
第３季 Ⅲ	81892	27341	194814	183039
第４季 Ⅳ	87803	30298	195392	176758
９８年２００９	84328	28951	188904	174117
第１季 Ⅰ	82025	30287	174353	160756
第２季 Ⅱ	80772	28829	181586	185842
第３季 Ⅲ	83934	27447	198526	175142
第４季 Ⅳ	90464	29251	201194	174627

TABLE 4 OUTPUT PER EQUI-EMPLOYED PERSON BY INDUSTRY（AT 2006 CONSTANT PRICES）(CONT.)

Unit：N.T. Dollar／Per month per equi-employed

Services					
不動產業 Real estate	專業、科學及技術服務業 Professional, scientific & technical services	支援服務業 Support services	醫療保健服務業 Human health services	藝術、娛樂及休閒服務業 Art, entertainment & recreational	其他服務業 Other services
176885	78662	55085	101429	85304	48791
150949	75367	58729	102413	77410	51943
177132	77512	53119	99476	77409	52634
172530	78559	49036	97287	87571	54104
177161	70704	50666	95122	73099	50457
117275	79978	53308	100900	73856	54334
238798	81065	59320	104556	75759	51746
173821	79109	57592	97672	76122	51198
187179	81639	54600	93225	79493	51707
168325	75906	55214	95191	73229	49703
124475	79332	59689	99556	76238	51208
216440	79602	60758	102739	75597	52176
175107	74101	60664	90496	77719	54055
171011	70684	58027	86562	78124	55412
148800	68144	57430	87445	76772	51824
133449	75984	60161	90077	75349	54000
247715	81700	67002	97978	80782	54985
223645	79864	66089	87606	87083	56297
220930	77649	61660	84169	84799	58205
191672	79678	65045	87087	87162	56831
175283	82431	67823	85720	90970	54986
302715	79657	69564	93374	85653	55332
203446	76568	67639	89714	98410	57867
179971	74606	61667	87716	101655	57872
191916	77745	64900	88648	93996	56128
174425	77376	68625	90897	100438	58742
270642	76481	75642	91515	97635	58713
186057	72798	67534	89536	104475	59612
174479	70883	63626	86128	108575	62156
204758	75100	64861	88523	98444	56982
138475	73079	68733	89606	107218	59815
229587	72141	72998	93797	104048	59515
201910	75312	65767	89750	116988	61498
157718	67337	59752	86167	124935	61736
177566	79128	62659	89671	119927	58046
184235	78915	66213	89905	114293	61065
283596	75932	74646	93130	109501	65096

表５　產業別單位產出勞動成本指數

基期：民國９５年＝100

項目別	全體產業 All Industries	農林漁牧業 Agriculture, forestry, fishing & animal husbandry	工業 Industry	礦業及土石採取業 Mining & quarrying
９０年２００１	118.63	144.88	128.46	73.64
９１年２００２	111.55	131.73	114.47	67.45
９２年２００３	108.85	128.12	109.32	85.11
第１季 Ⅰ	137.25	141.66	149.68	114.80
第２季 Ⅱ	107.30	119.04	108.34	78.02
第３季 Ⅲ	102.19	157.22	97.78	67.20
第４季 Ⅳ	92.78	105.88	90.74	78.80
９３年２００４	105.51	123.60	105.08	71.61
第１季 Ⅰ	133.10	138.96	143.23	99.43
第２季 Ⅱ	99.66	120.08	101.15	63.31
第３季 Ⅲ	100.09	153.01	93.54	58.59
第４季 Ⅳ	92.32	96.25	90.10	68.53
９４年２００５	103.71	120.88	104.08	74.68
第１季 Ⅰ	136.93	126.42	148.10	78.70
第２季 Ⅱ	98.82	122.12	99.32	61.51
第３季 Ⅲ	96.47	144.90	92.57	78.23
第４季 Ⅳ	87.40	98.05	86.20	81.71
９５年２００６	100.00	100.00	100.00	100.00
第１季 Ⅰ	131.10	111.29	140.81	117.64
第２季 Ⅱ	95.09	99.67	95.61	91.76
第３季 Ⅲ	91.53	113.96	86.03	89.90
第４季 Ⅳ	86.15	81.71	85.81	99.17
９６年２００７	97.30	101.75	95.60	73.05
第１季 Ⅰ	129.70	110.59	142.34	85.05
第２季 Ⅱ	92.47	89.23	92.76	69.10
第３季 Ⅲ	88.96	111.65	81.97	65.43
第４季 Ⅳ	82.88	98.57	77.82	73.05
９７年２００８	98.20	108.67	96.75	80.47
第１季 Ⅰ	122.93	120.09	127.78	80.43
第２季 Ⅱ	89.17	94.64	87.71	64.56
第３季 Ⅲ	91.51	126.97	83.28	85.79
第４季 Ⅳ	90.12	99.17	91.68	93.47
９８年２００９	95.21	116.17	90.98	73.35
第１季 Ⅰ	125.08	128.05	133.72	101.54
第２季 Ⅱ	92.67	105.46	92.45	58.87
第３季 Ⅲ	87.47	139.78	77.97	85.15
第４季 Ⅳ	81.27	100.17	74.46	52.47

TABLE 5 INDEXES OF UNIT OUTPUT LABOR COSTS BY INDUSTRY

Base Period：2006=100

Industry				服務業 Services	
製造業 Manufacturing	電力及燃氣供應業 Electricity & gas supply	用水供應及污染整治業 Water supply & remediation services	營造業 Construction		批發及零售業 Wholesale & retail trade
135.65	126.35	144.80	95.48	110.54	120.45
120.48	113.70	128.21	88.05	107.64	116.35
113.87	112.48	123.37	89.60	106.71	115.57
164.84	152.49	137.35	93.75	129.41	144.80
112.59	109.28	126.83	85.15	104.70	116.06
101.29	93.00	121.72	82.40	102.14	109.69
90.83	101.99	110.54	98.36	92.56	95.66
108.57	106.98	118.98	89.18	104.59	111.30
154.93	140.13	138.02	98.70	126.85	136.52
104.36	110.86	121.67	81.01	97.00	104.52
95.92	98.18	110.83	79.41	102.58	110.38
89.76	84.83	107.90	101.10	93.15	96.35
105.93	98.64	116.87	96.27	102.63	104.08
160.65	144.27	159.53	100.83	130.88	135.76
101.31	84.85	101.29	88.16	97.03	100.81
93.71	65.64	105.54	86.89	97.50	98.35
82.61	106.21	105.33	112.09	87.60	85.12
100.00	100.00	100.00	100.00	100.00	100.00
148.11	133.52	126.72	111.31	126.37	128.85
95.17	95.74	87.97	92.90	94.30	96.42
85.45	76.40	98.82	85.30	94.79	94.16
82.21	99.96	88.25	114.84	86.41	83.12
94.83	95.59	95.94	103.32	98.49	95.90
149.00	118.59	120.60	119.53	123.33	119.92
91.44	93.51	88.40	95.74	92.36	93.18
81.22	71.86	89.06	88.33	93.74	91.90
73.79	103.46	88.30	113.51	86.12	80.66
95.63	86.82	99.74	109.87	98.85	95.13
130.92	115.07	121.32	122.53	120.41	113.43
85.64	84.55	84.38	102.26	89.89	88.53
81.66	70.50	97.38	96.33	96.90	93.93
88.35	80.82	97.80	121.64	88.40	84.44
87.99	98.72	97.14	111.06	97.28	94.15
133.56	145.28	125.02	133.25	120.68	116.47
89.76	90.54	83.16	105.51	91.96	91.95
76.03	63.47	88.96	92.51	93.01	90.95
69.81	106.54	94.60	117.68	85.51	79.40

表５　產業別單位產出勞動成本指數（續）

基期：民國９５年＝100

項目別	服務業			
	運輸及倉儲業 Transportation & storage	住宿及餐飲業 Accommodation & food services	資訊及通訊傳播業 Information & communication	金融及保險業 Finance & insurance
９０年２００１	115.21	95.79	116.85	98.60
９１年２００２	104.77	102.70	105.01	102.88
９２年２００３	104.43	103.05	99.81	100.02
第１季 Ⅰ	112.68	120.22	134.49	131.57
第２季 Ⅱ	98.59	109.76	87.83	94.09
第３季 Ⅲ	118.84	94.70	99.97	86.58
第４季 Ⅳ	88.77	91.03	80.04	90.31
９３年２００４	102.91	100.56	96.14	98.69
第１季 Ⅰ	118.38	113.15	122.04	133.39
第２季 Ⅱ	94.10	98.74	83.39	84.27
第３季 Ⅲ	110.92	97.57	92.36	89.66
第４季 Ⅳ	89.28	92.89	87.27	88.70
９４年２００５	102.24	100.12	99.03	96.30
第１季 Ⅰ	121.66	114.05	128.69	138.28
第２季 Ⅱ	91.57	101.41	85.07	81.54
第３季 Ⅲ	110.56	94.99	93.28	84.00
第４季 Ⅳ	86.30	91.20	90.46	85.43
９５年２００６	100.00	100.00	100.00	100.00
第１季 Ⅰ	114.85	120.46	133.84	138.56
第２季 Ⅱ	95.11	101.50	95.52	83.97
第３季 Ⅲ	105.41	97.47	86.80	89.39
第４季 Ⅳ	85.39	84.19	86.66	89.52
９６年２００７	96.08	100.04	99.88	102.66
第１季 Ⅰ	110.37	111.47	144.40	144.77
第２季 Ⅱ	89.15	97.95	85.73	88.75
第３季 Ⅲ	100.99	99.08	91.61	92.83
第４季 Ⅳ	84.17	91.88	80.66	88.26
９７年２００８	96.11	107.85	93.44	100.23
第１季 Ⅰ	111.15	117.69	128.42	145.00
第２季 Ⅱ	88.76	101.76	82.84	81.11
第３季 Ⅲ	103.99	109.29	88.57	89.88
第４季 Ⅳ	80.90	102.37	76.61	85.88
９８年２００９	92.14	111.72	89.60	102.43
第１季 Ⅰ	106.79	123.65	120.29	144.21
第２季 Ⅱ	86.18	104.89	80.98	85.65
第３季 Ⅲ	93.12	110.39	86.58	89.71
第４季 Ⅳ	83.51	107.61	73.74	95.25

TABLE 5 INDEXES OF UNIT OUTPUT LABOR COSTS BY INDUSTRY (CONT.)

Base Period：2006=100

Services					
不動產業 Real estate	專業、科學及技術服務業 Professional, scientific & technical services	支援服務業 Support services	醫療保健服務業 Human health services	藝術、娛樂及休閒服務業 Art, entertainment & recreational	其他服務業 Other services
138.53	96.14	128.79	84.82	90.78	113.52
159.34	93.38	118.33	83.29	99.62	104.53
134.59	94.41	124.25	88.78	98.55	102.24
165.82	105.98	146.71	106.86	98.64	108.18
122.80	95.03	124.94	89.85	95.85	101.67
192.89	88.80	120.32	80.25	99.85	95.09
95.83	88.50	108.75	79.09	99.58	104.01
135.44	96.72	113.74	89.79	109.21	106.73
146.41	108.88	131.59	110.82	120.20	119.54
132.67	91.86	115.89	86.06	104.03	102.60
180.37	92.74	106.64	83.26	105.25	104.42
103.96	93.54	103.32	80.14	106.92	100.33
130.62	106.65	108.68	97.10	106.61	104.99
154.76	139.75	128.74	123.42	114.40	119.89
148.80	104.09	110.52	94.27	104.42	104.54
162.63	95.48	102.90	91.15	105.49	97.16
87.07	90.73	95.87	82.22	101.89	98.49
100.00	100.00	100.00	100.00	100.00	100.00
129.12	128.19	118.40	124.79	120.38	114.49
108.70	91.43	100.34	93.70	95.43	92.84
116.01	88.68	92.43	95.58	87.33	93.37
68.41	93.21	91.47	88.52	95.97	99.30
109.31	107.12	97.96	99.26	88.15	95.28
154.58	130.89	116.85	121.95	100.29	108.26
104.54	94.67	99.90	93.16	86.45	92.48
115.31	98.24	92.83	91.10	79.55	87.22
77.85	106.43	85.07	92.15	85.94	93.12
127.28	114.65	97.36	102.27	83.97	90.89
161.85	139.91	113.20	127.42	93.83	95.70
107.17	100.02	98.49	94.16	83.76	91.99
162.65	108.59	92.40	96.14	77.01	87.75
95.67	111.35	87.26	93.07	80.86	88.02
112.70	101.48	95.19	101.32	73.38	89.86
158.54	129.32	111.91	124.60	74.01	100.83
121.53	90.57	98.47	95.75	68.91	91.67
119.98	93.10	91.67	95.54	73.08	85.98
78.97	96.68	81.93	91.13	77.55	81.53

表6　產業別就業者工時指數

基期：民國95年=100

項目別	全體產業 All Industries	農林漁牧業 Agriculture, forestry, fishing & animal husbandry	工業 Industry	礦業及土石採取業 Mining & quarrying
90　年2001	93.14	126.99	91.99	148.24
91　年2002	94.09	127.64	91.47	141.41
92　年2003	94.58	125.18	91.94	132.11
第1季 Ⅰ	89.22	125.19	86.08	133.24
第2季 Ⅱ	94.75	126.17	92.27	132.78
第3季 Ⅲ	96.68	124.96	94.16	134.56
第4季 Ⅳ	97.68	124.39	95.25	127.86
93　年2004	97.73	118.00	96.24	113.34
第1季 Ⅰ	92.52	120.98	89.81	111.28
第2季 Ⅱ	98.17	119.14	96.76	113.89
第3季 Ⅲ	99.32	117.06	97.87	113.18
第4季 Ⅳ	100.89	114.82	100.51	115.02
94　年2005	98.89	107.91	98.43	106.29
第1季 Ⅰ	93.17	108.64	92.15	105.56
第2季 Ⅱ	99.67	109.36	99.30	104.72
第3季 Ⅲ	100.88	108.10	100.37	107.25
第4季 Ⅳ	101.83	105.53	101.88	107.66
95　年2006	100.00	100.00	100.00	100.00
第1季 Ⅰ	95.68	102.30	95.21	99.86
第2季 Ⅱ	99.74	100.78	100.09	102.18
第3季 Ⅲ	103.01	98.43	102.81	101.21
第4季 Ⅳ	101.56	98.50	101.89	96.75
96　年2007	101.27	95.86	102.15	92.45
第1季 Ⅰ	96.18	95.49	96.17	89.36
第2季 Ⅱ	101.20	96.75	101.78	93.70
第3季 Ⅲ	103.00	93.77	104.23	94.74
第4季 Ⅳ	104.68	97.43	106.41	92.00
97　年2008	101.71	94.71	102.07	87.05
第1季 Ⅰ	97.64	92.13	98.21	82.62
第2季 Ⅱ	102.94	95.98	104.22	86.11
第3季 Ⅲ	104.46	93.92	106.12	89.39
第4季 Ⅳ	101.79	96.79	99.74	90.11
98　年2009	98.50	95.11	95.62	70.85
第1季 Ⅰ	91.05	91.16	86.07	76.91
第2季 Ⅱ	97.37	94.80	94.47	69.89
第3季 Ⅲ	101.76	94.93	100.18	73.87
第4季 Ⅳ	103.82	99.54	101.76	62.72

TABLE 6 INDEXES OF EMPLOYED HOURS BY INDUSTRY

Base Period：2006=100

Industry				服務業 Services	
製造業 Manufacturing	電力及燃氣供應業 Electricity & gas supply	用水供應及污染整治業 Water supply & remediation services	營造業 Construction		批發及零售業 Wholesale & retail trade
92.00	101.81	90.75	91.26	90.37	97.37
92.72	101.33	92.01	86.35	92.45	97.73
94.06	101.78	99.26	83.36	93.28	97.28
87.84	98.49	91.46	78.79	87.71	90.73
94.26	96.20	107.51	83.72	93.23	97.95
96.28	108.19	99.54	85.56	95.53	100.02
97.85	104.23	98.53	85.38	96.63	100.43
98.23	102.28	108.05	88.08	96.66	101.31
91.83	101.94	104.72	81.10	91.49	96.56
98.67	101.32	112.74	88.62	96.97	102.51
99.81	104.68	99.44	90.63	98.51	102.78
102.61	101.19	115.29	91.96	99.68	103.39
99.18	100.75	103.97	95.27	98.26	99.86
93.90	101.15	103.88	84.78	92.27	94.32
100.39	101.96	97.29	95.51	98.90	100.99
100.59	99.24	108.77	98.96	100.48	101.85
101.81	100.66	105.94	101.82	101.38	102.30
100.00	100.00	100.00	100.00	100.00	100.00
95.26	95.81	95.14	95.00	95.33	96.36
100.15	99.84	96.27	100.16	99.37	100.53
102.99	103.36	103.50	102.11	103.65	103.01
101.60	100.99	105.09	102.74	101.65	100.10
102.27	99.65	111.94	101.16	101.19	100.99
96.20	94.20	101.43	95.80	96.27	96.10
101.76	99.67	110.37	101.37	101.25	101.18
104.46	101.50	112.71	102.95	103.07	102.84
106.66	103.24	123.24	104.52	104.16	103.83
102.26	99.79	121.56	100.19	102.19	100.73
98.41	94.49	113.33	96.63	97.81	96.40
104.43	99.73	123.29	102.40	102.73	100.69
106.91	101.93	121.36	102.51	104.35	103.36
99.29	102.99	128.26	99.20	103.87	102.46
95.76	102.49	122.29	93.14	101.03	98.70
85.24	94.28	113.39	86.76	94.78	93.36
94.21	100.32	122.18	93.36	99.83	98.08
100.96	106.36	126.90	95.50	103.68	100.88
102.64	108.99	126.66	96.94	105.84	102.47

表6　產業別就業者工時指數（續）

基期：民國95年=100

項目別	服務業			
	運輸及倉儲業 Transportation & storage	住宿及餐飲業 Accommodation & food services	資訊及通訊傳播業 Information & communication	金融及保險業 Finance & insurance
90年2001	102.69	81.31	90.20	90.47
91年2002	98.58	88.35	92.34	93.36
92年2003	99.28	90.61	90.25	92.97
第1季 Ⅰ	91.45	89.04	85.06	87.01
第2季 Ⅱ	96.85	88.94	88.56	96.12
第3季 Ⅲ	104.74	91.12	93.38	95.11
第4季 Ⅳ	104.06	93.35	93.98	93.63
93年2004	102.52	88.19	94.57	96.62
第1季 Ⅰ	96.73	85.13	89.26	88.17
第2季 Ⅱ	102.43	86.51	92.08	98.10
第3季 Ⅲ	104.64	90.07	93.69	99.66
第4季 Ⅳ	106.28	91.05	103.26	100.54
94年2005	99.34	94.81	95.99	99.56
第1季 Ⅰ	95.33	91.28	90.69	91.90
第2季 Ⅱ	99.14	93.99	94.20	98.85
第3季 Ⅲ	101.22	96.80	93.14	103.08
第4季 Ⅳ	101.66	97.19	105.91	104.43
95年2006	100.00	100.00	100.00	100.00
第1季 Ⅰ	96.53	93.22	94.42	96.90
第2季 Ⅱ	99.89	98.45	102.84	99.32
第3季 Ⅲ	103.70	105.12	99.01	103.21
第4季 Ⅳ	99.88	103.20	103.73	100.57
96年2007	98.66	101.23	99.44	98.50
第1季 Ⅰ	92.97	98.46	93.82	93.08
第2季 Ⅱ	98.02	101.37	99.07	98.58
第3季 Ⅲ	101.93	102.84	102.35	100.49
第4季 Ⅳ	101.72	102.25	102.52	101.85
97年2008	97.92	102.56	98.58	100.45
第1季 Ⅰ	93.09	100.53	91.28	93.52
第2季 Ⅱ	100.31	100.83	100.05	101.09
第3季 Ⅲ	100.70	104.26	101.48	104.21
第4季 Ⅳ	97.59	104.61	101.49	102.97
98年2009	95.42	102.89	100.38	101.22
第1季 Ⅰ	87.60	98.19	93.78	92.47
第2季 Ⅱ	94.18	100.05	99.77	99.55
第3季 Ⅲ	99.46	104.17	104.10	104.40
第4季 Ⅳ	100.45	109.17	103.87	108.47

TABLE 6 INDEXES OF EMPLOYED HOURS BY INDUSTRY (CONT.)

Base Period：2006=100

Services					
不動產業 Real estate	專業、科學及技術服務業 Professional, scientific & technical services	支援服務業 Support services	醫療保健服務業 Human health services	藝術、娛樂及休閒服務業 Art, entertainment & recreational	其他服務業 Other services
57.92	76.61	72.68	81.90	84.27	92.42
59.22	82.92	75.30	86.31	99.57	92.50
65.23	85.13	86.34	88.42	101.63	91.51
53.94	77.18	81.10	85.23	96.51	86.30
56.44	89.13	82.57	88.04	95.82	93.17
74.04	86.03	90.94	89.24	106.65	91.06
76.50	88.18	90.75	91.17	107.53	95.52
84.77	89.95	88.69	91.73	104.62	97.30
71.52	82.20	82.88	88.82	99.71	92.00
81.65	89.54	90.90	91.72	101.24	98.48
91.82	93.35	88.71	92.56	108.59	99.78
94.09	94.70	92.27	93.84	108.93	98.95
94.99	97.53	93.15	97.17	105.27	98.42
81.91	91.20	83.09	88.68	103.30	90.84
101.80	100.50	95.14	100.13	101.61	98.79
97.50	99.56	96.32	101.36	110.28	100.83
98.74	98.87	98.06	98.50	105.89	103.22
100.00	100.00	100.00	100.00	100.00	100.00
84.77	94.74	96.44	93.24	105.65	93.42
101.63	95.73	99.04	100.55	95.14	96.99
106.87	103.79	101.49	106.70	98.49	105.27
106.73	105.75	103.02	99.51	100.72	104.33
109.58	113.50	103.19	101.76	91.04	100.22
102.70	102.65	98.99	94.64	91.66	96.66
112.01	113.25	104.84	102.26	91.72	99.39
114.80	115.94	104.40	102.90	89.60	101.70
108.82	122.18	104.53	107.23	91.18	103.13
110.89	119.40	110.15	105.61	85.72	101.11
102.31	113.15	104.10	101.41	84.21	98.07
111.18	119.95	112.52	106.84	88.66	102.80
119.35	123.37	112.64	105.90	84.91	100.59
110.72	121.12	111.32	108.31	85.11	102.98
102.47	117.15	109.83	108.98	81.45	98.68
93.06	109.39	103.77	100.19	77.39	92.75
99.23	114.75	111.80	107.22	80.86	97.48
107.91	121.27	112.51	113.08	83.01	101.02
109.66	123.20	111.25	115.43	84.53	103.47

表7　產業別就業者指數

基期：民國95年=100

項目別	全體產業 All Industries	農林漁牧業 Agriculture, forestry, fishing & animal husbandry	工業 Industry	礦業及土石採取業 Mining & quarrying
90　年2001	93.02	127.34	92.73	150.28
91　年2002	93.74	127.97	91.56	140.18
92　年2003	94.36	125.51	91.83	132.60
第1季 Ⅰ	94.04	126.59	91.81	140.42
第2季 Ⅱ	94.15	125.69	91.51	134.90
第3季 Ⅲ	94.45	126.11	91.90	131.56
第4季 Ⅳ	94.81	123.64	92.08	123.52
93　年2004	96.50	115.78	94.97	111.70
第1季 Ⅰ	95.60	119.22	93.45	114.08
第2季 Ⅱ	96.28	117.06	94.57	110.68
第3季 Ⅲ	96.91	114.65	95.45	111.00
第4季 Ⅳ	97.21	112.20	96.40	111.04
94　年2005	98.23	106.47	97.82	107.28
第1季 Ⅰ	97.55	108.09	97.33	114.28
第2季 Ⅱ	98.05	108.34	97.15	104.41
第3季 Ⅲ	98.42	106.18	97.82	105.57
第4季 Ⅳ	98.91	103.27	98.98	104.87
95　年2006	100.00	100.00	100.00	100.00
第1季 Ⅰ	99.05	100.51	99.12	105.45
第2季 Ⅱ	99.55	100.29	99.31	101.28
第3季 Ⅲ	100.44	100.40	100.28	97.68
第4季 Ⅳ	100.96	98.79	101.29	95.59
96　年2007	101.75	97.97	102.38	91.71
第1季 Ⅰ	101.30	97.55	101.72	93.62
第2季 Ⅱ	101.50	97.13	101.86	92.53
第3季 Ⅲ	102.07	98.69	102.72	91.88
第4季 Ⅳ	102.15	98.52	103.24	88.79
97　年2008	102.63	96.56	103.56	87.04
第1季 Ⅰ	102.34	96.90	103.34	84.90
第2季 Ⅱ	102.70	96.67	103.79	86.57
第3季 Ⅲ	103.03	95.49	104.17	88.36
第4季 Ⅳ	102.44	97.20	102.95	88.33
98　年2009	100.73	97.93	99.57	71.96
第1季 Ⅰ	100.50	96.64	99.79	83.03
第2季 Ⅱ	100.20	97.34	99.44	72.85
第3季 Ⅲ	100.70	98.22	99.63	71.80
第4季 Ⅳ	101.51	99.52	99.44	60.15

TABLE 7 INDEXES OF EMPLOYED PERSONS BY INDUSTRY

Base Period：2006=100

Industry				服務業 Services	
製造業 Manufacturing	電力及燃氣供應業 Electricity & gas supply	用水供應及污染整治業 Water supply & remediation services	營造業 Construction		批發及零售業 Wholesale & retail trade
93.40	101.10	91.25	89.84	89.39	95.46
92.60	100.80	93.22	87.29	91.52	96.24
93.62	101.99	100.54	84.53	92.76	96.52
93.43	105.55	96.88	85.18	92.05	96.02
93.25	96.06	106.46	84.13	92.59	96.48
93.64	105.55	100.26	84.73	92.80	96.84
94.16	100.80	98.57	84.09	93.61	96.74
96.54	102.08	108.38	88.36	95.48	98.13
95.02	105.83	112.23	86.25	94.56	97.39
96.14	100.19	113.21	87.68	95.24	98.70
96.84	104.61	97.70	90.21	96.01	98.53
98.18	97.69	110.40	89.29	96.13	97.89
98.36	101.41	103.34	95.41	97.62	98.13
98.62	107.63	110.05	91.59	96.54	97.50
97.89	101.27	97.67	94.43	97.56	98.11
97.87	98.46	104.19	97.11	98.00	98.62
99.05	98.29	101.47	98.52	98.38	98.30
100.00	100.00	100.00	100.00	100.00	100.00
99.28	99.59	98.92	98.54	98.84	99.56
99.31	100.12	96.17	99.49	99.65	100.32
100.30	99.71	101.15	100.23	100.55	100.21
101.12	100.58	103.75	101.75	100.95	99.90
102.36	99.81	110.53	102.07	101.71	101.33
101.53	99.65	106.00	102.15	101.41	101.74
101.73	100.37	110.42	101.80	101.72	101.77
102.69	99.83	109.82	102.50	101.96	101.13
103.46	99.38	115.87	101.85	101.74	100.67
103.91	99.31	120.13	101.50	102.61	100.63
103.51	99.74	115.00	102.19	102.21	100.61
103.91	98.80	120.36	102.52	102.56	99.90
104.54	98.46	118.52	102.22	103.02	101.22
103.66	100.22	126.63	99.09	102.65	100.78
100.48	102.16	123.26	94.99	101.90	98.64
100.32	100.77	123.55	96.41	101.46	99.41
100.01	100.75	123.66	95.96	101.09	98.20
100.83	103.22	123.56	94.01	101.78	98.09
100.74	103.89	122.28	93.59	103.29	98.87

表7　產業別就業者指數（續）

基期：民國95年＝100

項目別	服務業			
	運輸及倉儲業 Transportation & storage	住宿及餐飲業 Accommodation & food services	資訊及通訊傳播業 Information & communication	金融及保險業 Finance & insurance
90年2001	100.91	79.89	90.94	91.70
91年2002	97.36	86.96	91.45	93.34
92年2003	99.10	88.60	89.66	92.89
第1季 Ⅰ	96.98	88.36	90.70	93.24
第2季 Ⅱ	97.94	87.41	87.82	95.12
第3季 Ⅲ	101.45	87.96	89.42	92.26
第4季 Ⅳ	100.01	90.67	90.70	90.95
93年2004	100.47	90.84	93.30	96.10
第1季 Ⅰ	99.13	92.38	92.71	92.49
第2季 Ⅱ	99.28	89.86	89.68	96.60
第3季 Ⅲ	102.47	90.12	91.87	97.82
第4季 Ⅳ	101.00	91.00	98.96	97.47
94年2005	98.61	95.28	95.22	99.69
第1季 Ⅰ	99.77	94.34	95.44	97.89
第2季 Ⅱ	97.88	95.67	92.50	98.13
第3季 Ⅲ	98.83	95.50	89.77	100.83
第4季 Ⅳ	97.96	95.62	103.19	101.92
95年2006	100.00	100.00	100.00	100.00
第1季 Ⅰ	99.64	97.15	98.39	101.11
第2季 Ⅱ	100.29	98.97	103.44	99.45
第3季 Ⅲ	100.75	102.25	95.35	99.32
第4季 Ⅳ	99.32	101.63	102.82	100.12
96年2007	99.43	102.31	99.00	99.30
第1季 Ⅰ	98.90	101.24	99.89	99.30
第2季 Ⅱ	99.66	101.01	98.90	99.39
第3季 Ⅲ	100.69	104.18	98.61	99.57
第4季 Ⅳ	98.49	102.83	98.58	98.93
97年2008	99.07	103.18	97.48	100.93
第1季 Ⅰ	97.95	103.08	96.91	100.41
第2季 Ⅱ	100.46	101.79	99.08	101.29
第3季 Ⅲ	99.97	104.40	96.57	101.87
第4季 Ⅳ	97.89	103.45	97.35	100.15
98年2009	96.29	104.20	99.42	101.38
第1季 Ⅰ	95.24	101.98	99.34	99.49
第2季 Ⅱ	96.14	101.78	99.39	100.06
第3季 Ⅲ	96.13	104.46	99.43	101.96
第4季 Ⅳ	97.66	108.57	99.53	103.99

TABLE 7 INDEXES OF EMPLOYED PERSONS BY INDUSTRY (CONT.)

Base Period：2006=100

Services					
不動產業 Real estate	專業、科學及技術服務業 Professional, scientific & technical services	支援服務業 Support services	醫療保健服務業 Human health services	藝術、娛樂及休閒服務業 Art, entertainment & recreational	其他服務業 Other services
61.23	75.83	74.60	80.53	81.44	92.85
61.99	82.37	77.29	84.41	96.40	92.99
66.68	84.02	87.83	87.58	99.69	93.17
59.83	81.43	88.40	88.31	94.62	91.85
59.83	86.81	84.17	87.31	96.31	94.81
72.51	82.93	89.87	86.21	104.09	91.02
74.53	84.93	88.89	88.51	103.75	95.00
83.16	87.60	89.72	91.31	103.69	97.87
75.01	83.63	86.89	92.85	101.83	97.26
81.05	86.39	91.33	90.15	104.11	97.77
87.91	89.55	88.64	90.77	103.51	99.26
88.65	90.83	92.01	91.48	105.32	97.19
93.05	96.55	95.04	96.78	105.46	98.61
84.67	95.56	89.98	94.64	107.58	96.59
99.06	97.24	97.62	98.78	101.61	97.89
94.17	97.19	96.20	97.63	108.85	99.32
94.30	96.21	96.36	96.08	103.82	100.65
100.00	100.00	100.00	100.00	100.00	100.00
89.10	99.09	98.81	96.85	107.88	96.99
100.39	95.79	99.26	100.81	96.72	98.26
103.63	100.21	98.59	102.54	96.97	102.41
106.88	104.92	103.35	99.79	98.43	102.34
112.80	112.87	105.12	102.03	91.13	100.32
111.83	108.37	106.01	99.87	91.64	100.91
115.70	111.49	107.01	102.34	92.36	99.55
115.22	114.10	104.41	101.33	90.22	99.94
108.46	117.52	103.04	104.60	90.30	100.89
113.07	118.81	112.91	106.44	87.84	101.47
113.55	118.09	111.40	105.48	87.82	100.90
114.86	117.49	116.09	106.59	91.44	101.62
116.09	120.28	112.10	105.97	85.09	100.70
107.77	119.40	112.06	107.72	87.00	102.66
103.42	118.37	113.36	110.31	82.14	101.13
100.05	118.87	113.06	108.93	79.83	101.11
101.24	116.58	115.99	108.76	79.66	100.81
105.70	118.78	113.06	110.07	83.58	100.63
106.69	119.27	111.33	113.48	85.48	101.97

表8　產業別等就業者指數

基期：民國95年=100

項目別	全體產業 All Industries	農林漁牧業 Agriculture, forestry, fishing & animal husbandry	工業 Industry	礦業及土石採取業 Mining & quarrying
90　年2001	93.35	128.49	93.02	148.90
91　年2002	94.07	129.10	91.86	140.02
92　年2003	94.67	126.57	92.11	132.29
第1季 Ⅰ	94.34	127.72	92.03	141.77
第2季 Ⅱ	94.42	126.87	91.82	132.28
第3季 Ⅲ	94.85	127.16	92.28	130.44
第4季 Ⅳ	95.09	124.52	92.31	124.68
93　年2004	96.75	116.79	95.19	112.46
第1季 Ⅰ	95.84	120.14	93.57	114.45
第2季 Ⅱ	96.41	118.27	94.75	111.94
第3季 Ⅲ	97.14	115.87	95.63	111.50
第4季 Ⅳ	97.62	112.87	96.82	111.97
94　年2005	98.30	107.13	97.82	107.49
第1季 Ⅰ	97.87	108.68	97.57	115.57
第2季 Ⅱ	98.35	109.52	97.45	104.33
第3季 Ⅲ	98.74	107.18	98.11	104.65
第4季 Ⅳ	98.25	103.14	98.15	105.41
95　年2006	100.00	100.00	100.00	100.00
第1季 Ⅰ	98.57	100.53	98.52	105.90
第2季 Ⅱ	99.00	99.21	99.02	100.35
第3季 Ⅲ	100.86	100.43	100.68	97.08
第4季 Ⅳ	101.57	99.83	101.77	96.68
96　年2007	102.37	98.98	102.93	91.86
第1季 Ⅰ	102.00	98.83	102.37	94.68
第2季 Ⅱ	102.13	98.53	102.43	92.56
第3季 Ⅲ	102.57	99.28	103.08	90.41
第4季 Ⅳ	102.76	99.26	103.84	89.80
97　年2008	103.15	97.62	103.95	87.86
第1季 Ⅰ	102.76	97.81	103.58	85.86
第2季 Ⅱ	103.39	98.07	104.37	86.87
第3季 Ⅲ	103.59	96.37	104.74	89.37
第4季 Ⅳ	102.87	98.24	103.10	89.34
98　年2009	101.18	98.92	99.83	72.77
第1季 Ⅰ	100.89	97.63	99.72	83.98
第2季 Ⅱ	100.71	98.64	99.75	73.68
第3季 Ⅲ	101.03	98.55	99.97	72.61
第4季 Ⅳ	102.07	100.87	99.89	60.83

TABLE 8 INDEXES OF EQUI-EMPLOYED PERSONS BY INDUSTRY

Base Period：2006=100

Industry				服務業 Services	
製造業 Manufacturing	電力及燃氣供應業 Electricity & gas supply	用水供應及污染整治業 Water supply & remediation services	營造業 Construction		批發及零售業 Wholesale & retail trade
93.55	101.24	91.53	90.56	89.71	95.75
92.75	100.99	93.53	87.99	91.83	96.51
93.75	102.10	100.83	85.21	93.06	96.78
93.56	105.87	97.30	85.55	92.37	96.32
93.40	96.38	106.77	84.83	92.77	96.64
93.80	105.71	100.66	85.74	93.18	97.17
94.24	100.43	98.59	84.71	93.90	96.99
96.59	102.36	108.77	89.06	95.70	98.37
95.05	105.81	112.46	86.55	94.84	97.65
96.12	100.57	113.81	88.36	95.23	98.74
96.78	105.00	98.22	91.08	96.19	98.81
98.40	98.06	110.57	90.27	96.53	98.27
98.32	101.38	103.30	95.52	97.68	98.14
98.70	108.04	110.21	92.31	96.89	97.80
98.05	101.65	97.46	95.19	97.79	98.26
97.92	98.83	104.42	98.25	98.27	98.81
98.62	96.99	101.09	96.34	97.78	97.70
100.00	100.00	100.00	100.00	100.00	100.00
99.03	99.83	98.84	96.66	98.38	99.25
99.18	100.11	96.34	98.64	98.96	99.76
100.50	99.09	100.95	101.35	101.05	100.53
101.29	100.96	103.87	103.35	101.62	100.46
102.60	99.39	110.72	103.71	102.32	101.83
101.84	100.02	106.31	104.03	102.07	102.26
102.02	99.16	110.90	103.41	102.31	102.24
102.84	99.58	110.12	103.61	102.56	101.65
103.69	98.81	115.55	103.79	102.34	101.18
103.98	98.74	120.32	102.94	103.17	101.05
103.54	98.84	115.11	103.17	102.70	100.90
104.21	98.53	120.38	104.09	103.24	100.44
104.78	97.99	119.16	103.90	103.53	101.64
103.40	99.58	126.62	100.61	103.20	101.23
100.33	102.30	123.20	96.56	102.43	99.07
99.76	100.15	123.40	98.01	102.13	100.01
99.90	101.14	123.68	97.67	101.66	98.64
100.85	103.62	123.62	95.34	102.10	98.26
100.83	104.28	122.09	95.23	103.83	99.38

表8　產業別等就業者指數（續）

基期：民國95年=100

項目別	服務業			
	運輸及倉儲業 Transportation & storage	住宿及餐飲業 Accommodation & food services	資訊及通訊傳播業 Information & communication	金融及保險業 Finance & insurance
90年2001	101.03	80.46	91.14	91.71
91年2002	97.48	87.57	91.64	93.34
92年2003	99.21	89.20	89.78	92.88
第1季 I	97.12	89.05	90.92	93.29
第2季 II	98.05	87.69	87.89	95.15
第3季 III	101.62	88.68	89.49	92.17
第4季 IV	100.06	91.37	90.82	90.93
93年2004	100.42	91.31	93.35	95.99
第1季 I	99.26	93.16	92.96	92.35
第2季 II	98.92	89.80	89.46	96.72
第3季 III	102.38	90.47	91.75	97.41
第4季 IV	101.11	91.80	99.23	97.49
94年2005	98.58	95.53	95.23	99.62
第1季 I	99.83	95.29	95.64	97.79
第2季 II	98.08	96.16	92.53	98.17
第3季 III	98.72	95.93	89.80	100.61
第4季 IV	97.71	94.75	102.97	101.89
95年2006	100.00	100.00	100.00	100.00
第1季 I	99.05	96.34	98.42	101.05
第2季 II	100.00	97.40	103.49	99.36
第3季 III	101.22	103.23	95.38	99.45
第4季 IV	99.72	103.02	102.71	100.14
96年2007	99.75	103.67	99.17	99.28
第1季 I	99.32	102.65	100.34	99.49
第2季 II	99.87	102.32	99.06	99.29
第3季 III	101.03	105.34	98.50	99.58
第4季 IV	98.79	104.38	98.79	98.74
97年2008	99.29	104.51	97.65	101.01
第1季 I	98.47	104.45	96.84	100.53
第2季 II	100.97	103.19	99.26	101.45
第3季 III	100.09	105.63	96.78	101.90
第4季 IV	97.64	104.75	97.69	100.17
98年2009	96.26	105.59	99.64	101.24
第1季 I	95.49	103.48	99.84	99.55
第2季 II	96.16	103.34	99.64	100.05
第3季 III	95.67	105.60	99.27	101.83
第4季 IV	97.72	109.94	99.82	103.51

TABLE 8 INDEXES OF EQUI-EMPLOYED PERSONS BY INDUSTRY (CONT.)

Base Period：2006=100

Services					
不動產業 Real estate	專業、科學及技術服務業 Professional, scientific & technical services	支援服務業 Support services	醫療保健服務業 Human health services	藝術、娛樂及休閒服務業 Art, entertainment & recreational	其他服務業 Other services
61.23	76.01	75.10	80.66	82.03	93.38
61.96	82.55	77.78	84.54	97.08	93.50
66.64	84.19	88.34	87.72	100.38	93.66
59.62	81.62	89.11	88.39	94.88	92.30
59.86	87.01	84.31	87.36	96.91	95.09
72.39	83.12	90.66	86.40	105.37	91.77
74.68	85.01	89.28	88.74	104.35	95.48
83.01	87.67	90.13	91.29	104.22	98.31
74.23	83.87	87.72	92.80	102.21	97.63
80.88	86.50	91.32	89.93	104.08	98.00
87.94	89.58	88.76	90.64	104.53	99.77
88.99	90.71	92.72	91.79	106.05	97.83
92.71	96.62	95.08	96.89	105.97	98.73
84.59	95.72	90.29	94.99	108.03	97.09
99.19	97.81	97.75	98.84	102.21	98.19
93.00	97.40	97.09	97.98	110.72	100.04
94.07	95.56	95.17	95.73	102.92	99.60
100.00	100.00	100.00	100.00	100.00	100.00
88.11	98.66	97.95	96.55	107.03	96.22
100.53	95.30	97.77	100.44	95.68	97.01
104.04	100.56	99.86	102.80	97.60	103.33
107.31	105.49	104.42	100.21	99.69	103.44
113.12	113.26	106.20	102.46	92.06	101.31
112.05	108.94	107.31	100.23	92.05	101.83
116.17	112.01	107.88	102.72	93.73	100.57
115.38	114.26	105.61	101.72	91.45	101.13
108.90	117.83	103.98	105.16	91.03	101.69
112.88	119.24	113.97	106.71	88.73	102.40
113.60	118.28	112.35	105.47	88.13	101.87
114.40	117.99	117.43	107.04	92.90	102.54
115.83	120.71	113.07	106.22	86.21	101.46
107.68	119.97	113.02	108.10	87.69	103.74
103.37	118.76	114.52	110.75	82.57	101.95
100.38	119.10	114.16	109.61	80.21	102.01
101.00	117.02	117.25	109.40	79.80	101.44
104.97	119.02	113.97	110.28	84.07	101.59
107.12	119.91	112.68	113.71	86.19	102.75

表9　產業別總薪資指數

基期：民國95年=100

項目別	全體產業 All Industries	農林漁牧業 Agriculture, forestry, fishing & animal husbandry	工業 Industry	礦業及土石採取業 Mining & quarrying
90　年2001	89.36	130.22	85.75	121.41
91　年2002	89.05	129.86	84.17	115.33
92　年2003	90.45	124.22	86.55	117.46
第1季 Ⅰ	105.58	125.37	101.74	170.62
第2季 Ⅱ	83.26	123.94	79.53	102.53
第3季 Ⅲ	86.09	125.19	81.09	102.11
第4季 Ⅳ	86.88	122.37	83.83	94.58
93　年2004	93.96	113.38	91.13	97.47
第1季 Ⅰ	109.69	115.34	106.72	125.88
第2季 Ⅱ	86.47	114.89	84.48	87.36
第3季 Ⅲ	90.10	113.49	85.97	89.28
第4季 Ⅳ	89.57	109.80	87.37	87.36
94　年2005	97.38	106.18	96.52	96.14
第1季 Ⅰ	117.01	106.82	116.38	117.55
第2季 Ⅱ	89.09	110.62	87.15	83.73
第3季 Ⅲ	91.67	106.49	89.65	94.32
第4季 Ⅳ	91.73	100.78	92.88	88.95
95　年2006	100.00	100.00	100.00	100.00
第1季 Ⅰ	120.37	99.65	120.72	121.52
第2季 Ⅱ	91.81	100.55	91.36	82.73
第3季 Ⅲ	93.66	100.91	92.92	88.06
第4季 Ⅳ	94.16	98.90	94.99	107.70
96　年2007	103.87	99.29	104.22	87.94
第1季 Ⅰ	124.72	98.11	126.52	102.94
第2季 Ⅱ	94.66	95.58	94.53	74.82
第3季 Ⅲ	98.55	100.25	97.87	88.03
第4季 Ⅳ	97.57	103.22	97.98	85.97
97　年2008	105.35	106.63	105.30	83.50
第1季 Ⅰ	128.04	104.74	129.66	92.75
第2季 Ⅱ	97.14	101.34	97.52	69.68
第3季 Ⅲ	100.41	109.02	100.32	86.18
第4季 Ⅳ	95.78	111.41	93.71	85.40
98　年2009	99.69	110.43	94.34	67.10
第1季 Ⅰ	115.10	108.25	107.19	90.89
第2季 Ⅱ	92.21	110.96	87.23	58.50
第3季 Ⅲ	94.59	111.85	89.88	68.06
第4季 Ⅳ	96.88	110.67	93.06	50.96

TABLE 9 INDEXES OF TOTAL EARNINGS BY INDUSTRY

Base Period：2006=100

Industry				服務業 Services	
製造業 Manufacturing	電力及燃氣供應業 Electricity & gas supply	用水供應及污染整治業 Water supply & remediation services	營造業 Construction		批發及零售業 Wholesale & retail trade
84.96	100.39	89.21	86.66	89.29	96.73
84.31	95.05	88.04	82.07	89.92	96.11
87.73	99.21	94.33	80.26	91.07	97.44
105.14	121.41	97.15	87.57	107.08	117.64
79.76	84.02	88.77	77.31	83.29	89.93
81.34	90.97	96.59	77.80	87.16	89.32
84.68	100.45	94.80	78.34	86.75	92.88
92.28	98.48	100.15	85.57	94.74	99.83
110.76	118.49	110.96	90.69	111.49	116.77
84.87	90.14	92.90	81.87	86.04	91.46
85.60	100.42	97.22	85.10	91.56	95.41
87.90	84.87	99.52	84.63	89.85	95.67
97.14	95.02	106.68	93.54	97.42	99.12
121.19	124.42	133.40	97.04	118.15	122.64
87.16	72.74	85.58	88.48	89.09	91.92
89.17	70.71	102.17	91.86	92.17	90.43
91.05	112.23	105.56	96.79	90.28	91.47
100.00	100.00	100.00	100.00	100.00	100.00
124.41	120.38	118.39	107.76	121.49	124.43
90.54	86.21	83.82	95.47	91.55	92.66
91.84	85.29	105.79	96.42	93.71	90.26
93.22	108.12	92.00	100.35	93.25	92.65
104.14	99.85	106.10	104.90	103.92	101.61
129.91	108.66	122.34	116.46	125.16	123.67
92.98	87.69	96.20	100.70	94.69	93.90
97.32	85.06	107.87	100.16	98.94	94.01
96.35	117.99	98.01	102.27	96.89	94.85
105.48	90.21	115.03	105.36	105.29	101.95
133.47	110.72	129.54	118.02	128.40	124.63
96.67	82.87	98.43	102.03	96.59	94.37
100.09	79.65	118.19	101.55	99.91	95.08
91.69	87.61	113.96	99.82	96.26	93.73
92.43	99.67	117.31	99.11	102.90	100.39
105.37	122.68	137.50	110.03	121.34	120.71
84.65	78.25	101.44	96.33	94.61	93.10
88.81	74.37	113.98	93.23	96.89	92.82
90.87	123.40	116.33	96.84	98.75	94.93

表9　產業別總薪資指數（續）

基期：民國95年=100

項目別	服務業			
	運輸及倉儲業 Transportation & storage	住宿及餐飲業 Accommodation & food services	資訊及通訊傳播業 Information & communication	金融及保險業 Finance & insurance
90年2001	100.57	83.61	92.80	83.14
91年2002	94.02	90.08	89.50	88.78
92年2003	94.26	88.92	88.92	86.84
第1季 Ⅰ	103.03	101.91	113.19	108.60
第2季 Ⅱ	81.92	78.90	73.46	79.53
第3季 Ⅲ	104.78	84.51	90.88	82.20
第4季 Ⅳ	87.32	90.36	78.16	77.05
93年2004	97.81	90.43	90.86	92.29
第1季 Ⅰ	110.30	103.23	113.00	121.68
第2季 Ⅱ	85.73	84.71	75.98	81.95
第3季 Ⅲ	104.22	85.19	88.57	85.15
第4季 Ⅳ	91.00	88.57	85.89	80.38
94年2005	99.25	95.38	95.93	93.95
第1季 Ⅰ	116.26	105.59	119.42	124.96
第2季 Ⅱ	84.37	91.00	80.67	80.85
第3季 Ⅲ	105.88	92.02	93.66	86.67
第4季 Ⅳ	90.48	92.92	89.98	83.32
95年2006	100.00	100.00	100.00	100.00
第1季 Ⅰ	112.99	111.56	127.00	135.01
第2季 Ⅱ	91.08	95.48	91.05	86.76
第3季 Ⅲ	106.10	98.05	90.63	91.11
第4季 Ⅳ	89.84	94.90	91.32	87.12
96年2007	100.47	104.09	103.51	108.96
第1季 Ⅰ	114.26	117.14	141.78	142.01
第2季 Ⅱ	89.12	96.72	84.44	97.10
第3季 Ⅲ	106.36	101.56	101.15	104.93
第4季 Ⅳ	92.14	100.93	86.68	91.82
97年2008	100.96	110.74	101.81	104.05
第1季 Ⅰ	117.35	126.13	131.99	149.47
第2季 Ⅱ	91.73	102.14	87.79	92.02
第3季 Ⅲ	107.38	105.79	99.95	91.63
第4季 Ⅳ	87.38	108.90	87.52	83.10
98年2009	94.23	114.47	100.95	98.68
第1季 Ⅰ	105.37	129.90	125.33	126.13
第2季 Ⅱ	84.33	104.75	87.69	87.05
第3季 Ⅲ	94.20	107.25	102.12	87.45
第4季 Ⅳ	93.00	116.00	88.64	94.10

TABLE 9 INDEXES OF TOTAL EARNINGS BY INDUSTRY (CONT.)

Base Period：2006=100

Services					
不動產業 Real estate	專業、科學及技術服務業 Professional, scientific & technical services	支援服務業 Support services	醫療保健服務業 Human health services	藝術、娛樂及休閒服務業 Art, entertainment & recreational	其他服務業 Other services
67.09	71.98	80.62	79.21	72.94	91.88
66.64	72.75	81.78	82.32	85.97	90.17
71.03	77.14	88.22	88.43	87.93	89.53
76.27	85.08	97.00	104.89	94.12	95.96
58.23	73.20	80.76	85.22	77.97	86.65
73.22	73.91	87.98	79.86	89.24	84.23
76.41	76.37	87.15	83.76	90.40	91.28
87.39	83.99	89.33	91.39	99.49	95.42
90.96	93.34	95.37	109.44	112.14	107.18
80.76	75.52	88.41	84.09	91.05	88.77
88.29	82.52	85.48	85.77	96.32	94.77
89.53	84.57	88.07	86.27	98.43	90.97
94.82	95.61	94.85	97.18	100.82	99.53
100.10	118.39	102.06	115.85	110.87	114.57
98.20	86.88	93.88	93.01	94.09	94.49
90.25	88.48	90.94	91.83	101.06	93.23
90.72	88.70	92.50	88.03	97.28	95.81
100.00	100.00	100.00	100.00	100.00	100.00
112.38	122.96	108.19	115.76	125.47	113.90
93.65	86.92	96.56	93.55	91.38	90.92
94.60	92.04	94.72	96.14	89.04	94.23
99.36	98.07	100.53	94.55	94.11	100.95
112.49	116.32	106.47	104.15	91.71	99.21
139.38	133.21	117.00	122.38	107.77	113.32
104.22	103.23	105.84	96.84	87.46	92.73
103.76	108.76	101.80	96.15	83.90	92.04
102.60	120.09	101.24	101.23	87.71	98.76
119.52	124.61	113.39	111.54	89.38	98.56
143.44	146.88	122.45	132.12	103.10	107.63
112.25	110.97	113.51	101.85	87.97	95.47
116.65	119.94	108.66	104.45	81.74	94.59
105.76	120.67	108.93	107.72	84.73	96.53
105.17	113.64	108.48	114.96	81.40	100.07
112.23	129.86	115.51	134.33	85.17	112.79
97.45	105.01	109.47	107.22	75.73	95.88
103.74	109.49	104.67	108.13	80.64	94.74
107.26	110.22	104.27	110.16	84.05	96.87

表１０　製造業產值勞動生產力指數

基期：民國９５年＝100

項目別	製造業 Manufacturing	食品製造業 Food	飲料及菸草製造業 Beverages & Tobacoo	紡織業 Textiles mills	成衣及服飾品製造業 Wearing apparel & clothing accessories	皮革、毛皮及其製品製造業 Leather, fur & related products
９０　年　２００１	68.08	92.81	152.22	94.91	126.72	80.68
９１　年　２００２	75.48	96.60	103.42	99.26	134.61	98.70
９２　年　２００３	81.91	98.67	103.83	97.66	126.87	100.57
９３　年　２００４	86.53	102.89	96.28	102.14	115.68	102.73
９４　年　２００５	92.47	100.95	100.74	97.79	105.08	105.55
９５　年　２００６	100.00	100.00	100.00	100.00	100.00	100.00
９６　年　２００７	107.38	104.07	103.06	102.90	107.53	88.81
９７　年　２００８	107.86	107.24	101.11	99.35	100.50	89.43
９８　年　２００９	109.69	...	...	...	...	...

項目別	橡膠製品製造業 Rubber products	塑膠製品製造業 Plastic products	非金屬礦物製品製造業 Non-metallic mineral products	基本金屬製造業 Basic metal	金屬製品製造業 Fabricated metal products	電子零組件製造業 Electronic parts & components
９０　年　２００１	65.63	96.43	73.15	82.56	101.51	45.82
９１　年　２００２	76.20	104.90	77.80	100.01	107.01	55.86
９２　年　２００３	81.95	104.89	82.38	101.83	102.87	67.28
９３　年　２００４	87.74	106.38	89.38	106.29	103.40	74.03
９４　年　２００５	99.28	106.78	94.45	96.19	99.09	84.67
９５　年　２００６	100.00	100.00	100.00	100.00	100.00	100.00
９６　年　２００７	101.80	98.41	94.79	99.69	98.09	121.11
９７　年　２００８	101.27	89.10	88.42	93.61	97.86	128.89
９８　年　２００９	...	...	...	...	...	...

註１：其他製造業含「產業用機械設備維修及安裝業」。

２：配合國民所得統計發布時程，製造業各中業資料僅至97年。

TABLE 10 INDEXES OF LABOR PRODUCTIVITY OF MANUFACTURING

Base Period：2006=100

木竹製品製造業 Wood & bamboo products	紙漿、紙及紙製品製造業 Pulp, paper & paper products	印刷及資料儲存媒體複製業 Printing & reproduction of recorded media	石油及煤製品製造業 Petroleum & coal products	化學材料製造業 Chemical material	化學製品製造業 Chemical products	藥品製造業 Medical goods
73.49	72.12	57.16	58.25	62.45	61.69	74.77
76.24	88.81	63.72	74.87	74.28	69.62	75.78
75.95	95.55	80.78	84.99	81.47	77.91	83.82
86.67	99.81	85.50	96.59	87.21	85.23	88.57
81.42	100.64	96.18	104.12	94.61	92.75	86.61
100.00	100.00	100.00	100.00	100.00	100.00	100.00
97.89	108.07	97.72	99.53	112.79	101.64	104.65
91.60	103.24	100.35	90.08	96.66	89.14	102.64
...	...	...	...	...	...	...

電腦、電子產品及光學製品製造業 Computer, electronic & optical products	電力設備製造業 Electronic equipment	機械設備製造業 Machinery & equipment	汽車及其零件製造業 Motor vehicles & parts	其他運輸工具製造業 Other transport equipment	家具製造業 Furniture	其他製造業 Other
65.49	82.64	68.34	82.63	70.23	105.30	88.44
66.07	96.55	78.00	100.82	79.99	91.69	91.84
75.94	102.43	84.47	107.89	81.19	84.60	92.91
76.85	106.99	94.37	118.26	92.52	93.50	92.51
89.08	104.82	97.02	115.55	100.98	93.41	94.98
100.00	100.00	100.00	100.00	100.00	100.00	100.00
93.08	94.03	102.13	94.52	103.23	109.58	97.58
94.54	87.60	92.58	82.08	112.22	108.73	92.30
...	...	...	...	...	...	...

Note 1 : Other manufacturing includes 「Repair & installation of industrial machinery & equipment」.

2 : In line with the National income statistics release schedule, the data of every sub-industries in Manufacturing was to 2008.

表１１　製造業每工時產出（按　９５年價格計算）

單位：新台幣元／小時

項目別	製造業 Manufacturing	食品製造業 Food	飲料及菸草製造業 Beverages & Tobacoo	紡織業 Textiles mills	成衣及服飾品製造業 Wearing apparel & clothing accessories	皮革、毛皮及其製品製造業 Leather, fur & related products
９０　年　２００１	352.50	294.96	3316.52	252.11	170.22	107.99
９１　年　２００２	390.79	307.01	2253.19	263.66	180.81	132.11
９２　年　２００３	424.09	313.59	2262.14	259.44	170.42	134.61
９３　年　２００４	448.02	326.98	2097.68	271.33	155.39	137.50
９４　年　２００５	478.79	320.83	2194.82	259.77	141.15	141.28
９５　年　２００６	517.77	317.81	2178.76	265.64	134.33	133.85
９６　年　２００７	555.99	330.75	2245.52	273.35	144.44	118.88
９７　年　２００８	558.45	340.82	2202.84	263.92	135.00	119.70
９８　年　２００９	567.93	...	...	...	...	...

項目別	橡膠製品製造業 Rubber products	塑膠製品製造業 Plastic products	非金屬礦物製品製造業 Non-metallic mineral products	基本金屬製造業 Basic metal	金屬製品製造業 Fabricated metal products	電子零組件製造業 Electronic parts & components
９０　年　２００１	233.07	178.87	319.08	766.65	223.18	420.91
９１　年　２００２	270.60	194.56	339.36	928.68	235.28	513.12
９２　年　２００３	291.03	194.54	359.30	945.58	226.17	618.01
９３　年　２００４	311.58	197.32	389.83	986.95	227.34	680.01
９４　年　２００５	352.58	198.06	411.97	893.21	217.87	777.79
９５　年　２００６	355.12	185.48	436.17	928.57	219.87	918.57
９６　年　２００７	361.53	182.52	413.46	925.70	215.67	1112.48
９７　年　２００８	359.64	165.27	385.67	869.27	215.15	1183.95
９８　年　２００９	...	...	...	...	...	...

註１：其他製造業含「產業用機械設備維修及安裝業」。

２：配合國民所得統計發布時程，製造業各中業資料僅至97年。

TABLE 11 OUTPUT PER HOUR BY MANUFACTURING（AT 2006 CONSTANT PRICES）

Unit：N.T. Dollar／Hour

木竹製品製造業 Wood & bamboo products	紙漿、紙及紙製品製造業 Pulp, paper & paper products	印刷及資料儲存媒體複製業 Printing & reproduction of recorded media	石油及煤製品製造業 Petroleum & coal products	化學材料製造業 Chemical material	化學製品製造業 Chemical products	藥品製造業 Medical goods
137.30	228.72	115.06	3468.02	892.59	294.27	438.53
142.43	281.66	128.28	4457.85	1061.57	332.13	444.48
141.88	303.01	162.62	5060.31	1164.45	371.64	491.64
161.92	316.54	172.12	5751.13	1246.42	406.60	519.49
152.10	319.17	193.62	6199.11	1352.16	442.44	508.02
186.82	317.13	201.31	5953.86	1429.22	477.03	586.52
182.88	342.73	196.72	5926.09	1612.05	484.84	613.80
171.13	327.41	202.02	5363.57	1381.46	425.25	602.02
...	...	...	...	...	...	...

電腦、電子產品及光學製品製造業 Computer, electronic & optical products	電力設備製造業 Electronic equipment	機械設備製造業 Machinery & equipment	汽車及其零件製造業 Motor vehicles & parts	其他運輸工具製造業 Other transport equipment	家具製造業 Furniture	其他製造業 Other
466.35	317.93	234.51	470.57	257.86	236.56	265.49
470.48	371.46	267.66	574.18	293.67	205.99	275.69
540.78	394.11	289.86	614.41	298.08	190.07	278.93
547.28	411.65	323.84	673.47	339.67	210.06	277.72
634.37	403.29	332.93	658.06	370.75	209.86	285.14
712.11	384.74	343.15	569.49	367.15	224.66	300.20
662.86	361.77	350.45	538.29	379.01	246.18	292.94
673.22	337.05	317.68	467.44	412.02	244.28	277.10
...	...	...	...	...	...	...

Note 1 : Other manufacturing includes 「Repair & installation of industrial machinery & equipment」.

2 : In line with the National income statistics release schedule, the data of every sub-industries in Manufacturing was to 2008.

表１２　製造業每就業者產出（按　９５年價格計算）

單位：新台幣元／每人每月

項目別	製造業 Manufacturing	食品製造業 Food	飲料及菸草製造業 Beverages & Tobacoo	紡織業 Textiles mills	成衣及服飾品製造業 Wearing apparel & clothing accessories	皮革、毛皮及其製品製造業 Leather, fur & related products
９０　年　２００１	65180	55330	583887	48882	31160	20781
９１　年　２００２	73458	57449	400513	51587	32904	25413
９２　年　２００３	79983	58964	406301	51336	30852	25382
９３　年　２００４	85570	62966	377301	54127	28554	26815
９４　年　２００５	90625	62153	388078	50559	25465	27413
９５　年　２００６	97197	60647	387139	52428	24215	25829
９６　年　２００７	104286	62645	399620	54049	25616	22401
９７　年　２００８	103172	64724	393408	50500	23884	22056
９８　年　２００９	101614	...	...	...	...	...

項目別	橡膠製品製造業 Rubber products	塑膠製品製造業 Plastic products	非金屬礦物製品製造業 Non-metallic mineral products	基本金屬製造業 Basic metal	金屬製品製造業 Fabricated metal products	電子零組件製造業 Electronic parts & components
９０　年　２００１	44470	34124	60695	145156	42285	74952
９１　年　２００２	53044	36826	66124	180401	45484	94290
９２　年　２００３	56850	36667	70508	183266	43990	114504
９３　年　２００４	62320	37567	76883	193880	44685	127278
９４　年　２００５	69301	37083	80662	174251	42360	145257
９５　年　２００６	69301	34566	84321	180853	42428	170830
９６　年　２００７	70783	34340	79786	178981	41142	206451
９７　年　２００８	68037	31003	72827	164904	40656	215298
９８　年　２００９	...	...	...	...	...	...

註１：其他製造業含「產業用機械設備維修及安裝業」。

２：配合國民所得統計發布時程，製造業各中業資料僅至97年。

TABLE 12 OUTPUT PER EMPLOYED PERSON OF MANUFACTURING（AT 2006 CONSTANT PRICES）

Unit：N.T. Dollar／Per month per employed

木竹製品製造業 Wood & bamboo products	紙漿、紙及紙製品製造業 Pulp, paper & paper products	印刷及資料儲存媒體複製業 Printing & reproduction of recorded media	石油及煤製品製造業 Petroleum & coal products	化學材料製造業 Chemical material	化學製品製造業 Chemical products	藥品製造業 Medical goods
25646	42883	22137	614738	163410	52552	76495
26434	53755	24700	796125	193271	59906	76730
27043	58079	31056	917403	210502	66778	85441
31788	61775	33884	1048301	230805	73120	93821
29450	61950	37960	1116592	246061	78842	91922
34788	60923	39071	1061480	262127	85636	105222
34869	65534	38163	1067079	297108	86420	106668
31925	61012	38969	972096	256129	75419	104577
...	...	...	...	...	...	...

電腦、電子產品及光學製品製造業 Computer, electronic & optical products	電力設備製造業 Electronic equipment	機械設備製造業 Machinery & equipment	汽車及其零件製造業 Motor vehicles & parts	其他運輸工具製造業 Other transport equipment	家具製造業 Furniture	其他製造業 Other
83268	57784	43306	83998	45141	42400	47287
85553	68994	50499	107745	53835	37696	50336
98532	73377	55044	116570	55473	34624	50969
100807	77587	62776	128991	65934	38746	51646
117147	74784	63552	124286	70508	38236	52688
128562	70813	65440	101751	68106	40482	54954
119027	66520	67584	99354	71952	44416	53726
118816	61373	59893	83585	78785	43752	50311
...	...	...	...	...	...	...

Note 1 : Other manufacturing includes 「Repair & installation of industrial machinery & equipment」.

2 : In line with the National income statistics release schedule, the data of every sub-industries in Manufacturing was to 2008.

表１３　製造業每一等就業者產出（按　９５年價格計算）

單位：新台幣元／每等就業者每月

項目別	製造業 Manufacturing	食品製造業 Food	飲料及菸草製造業 Beverages & Tobacoo	紡織業 Textiles mills	成衣及服飾品製造業 Wearing apparel & clothing accessories	皮革、毛皮及其製品製造業 Leather, fur & related products
９０　年　２００１	65451	55505	584990	49050	31401	20939
９１　年　２００２	73758	57672	401311	51774	33160	25593
９２　年　２００３	80333	59233	406219	51540	31094	25584
９３　年　２００４	86026	63402	379627	54347	28853	27122
９４　年　２００５	91185	62705	388180	50927	25702	27804
９５　年　２００６	97758	61046	389963	52770	24534	26152
９６　年　２００７	104643	62775	399961	54177	25732	22499
９７　年　２００８	103692	64958	393694	50672	23983	22168
９８　年　２００９	102344	...	...	...	...	...

項目別	橡膠製品製造業 Rubber products	塑膠製品製造業 Plastic products	非金屬礦物製品製造業 Non-metallic mineral products	基本金屬製造業 Basic metal	金屬製品製造業 Fabricated metal products	電子零組件製造業 Electronic parts & components
９０　年　２００１	43859	34234	60875	145595	42534	75204
９１　年　２００２	52326	36950	66317	180925	45750	94596
９２　年　２００３	56052	36799	70770	183875	44250	114896
９３　年　２００４	62364	37695	77435	194817	44958	127798
９４　年　２００５	69517	37374	81145	175588	42689	145738
９５　年　２００６	69738	34761	84789	181414	42727	171518
９６　年　２００７	71291	34494	80127	179489	41296	206987
９７　年　２００８	68289	31062	73248	165788	40862	216565
９８　年　２００９	...	...	...	...	...	...

註１：其他製造業含「產業用機械設備維修及安裝業」。

　２：配合國民所得統計發布時程，製造業各中業資料僅至97年。

TABLE 13 OUTPUT PER EQUI-EMPLOYED PERSON OF MANUFACTURING（AT 2 0 0 6 CONSTANT PRICES）

Unit：N.T. Dollar／Per month per equi-employed

木竹製品製造業 Wood & bamboo products	紙漿、紙及紙製品製造業 Pulp, paper & paper products	印刷及資料儲存媒體複製業 Printing & reproduction of recorded media	石油及煤製品製造業 Petroleum & coal products	化學材料製造業 Chemical material	化學製品製造業 Chemical products	藥品製造業 Medical goods
25725	43085	22172	615870	163646	52452	76639
26521	54007	24748	798171	193407	59799	76856
27202	58365	31137	920758	210831	66655	85629
31921	62014	34028	1048056	231454	73672	94212
29834	62514	38118	1119976	246734	79126	91996
35220	61266	39364	1061415	262490	85949	105560
35181	65727	38323	1069847	297631	86788	107103
32096	61411	39075	973665	256948	76129	104881
...	...	...	...	...	...	...

電腦、電子產品及光學製品製造業 Computer, electronic & optical products	電力設備製造業 Electronic equipment	機械設備製造業 Machinery & equipment	汽車及其零件製造業 Motor vehicles & parts	其他運輸工具製造業 Other transport equipment	家具製造業 Furniture	其他製造業 Other
83514	58052	43453	84312	45288	42460	47640
85784	69295	50668	108195	53995	37753	50714
98816	73754	55235	117137	55640	34705	51369
101140	77958	63077	130018	66240	38904	52102
117342	75317	63847	125091	70724	38460	53494
128935	71395	65637	102405	68381	40514	55645
119598	66778	67696	99748	72303	44546	53840
119462	61726	60170	84259	78957	43964	50471
...	...	...	...	...	...	...

Note 1 : Other manufacturing includes「Repair & installation of industrial machinery & equipment」.

2 : In line with the National income statistics release schedule, the data of every sub-industries in Manufacturing was to 2008.

表１４　製造業單位產出勞動成本指數

基期：民國９５年＝100

項目別	製造業 Manufacturing	食品製造業 Food	飲料及菸草製造業 Beverages & Tobacoo	紡織業 Textiles mills	成衣及服飾品製造業 Wearing apparel & clothing accessories	皮革、毛皮及其製品製造業 Leather, fur & related products
９０　年　２００１	135.65	113.85	62.81	97.08	57.85	106.35
９１　年　２００２	120.48	108.12	92.39	91.04	59.27	90.95
９２　年　２００３	113.87	103.56	90.57	93.22	64.85	93.53
９３　年　２００４	108.57	96.61	95.81	90.06	72.85	90.17
９４　年　２００５	105.93	97.77	99.98	98.49	89.23	91.59
９５　年　２００６	100.00	100.00	100.00	100.00	100.00	100.00
９６　年　２００７	94.83	96.62	99.83	97.82	96.52	114.11
９７　年　２００８	95.63	96.09	106.08	102.10	104.36	118.26
９８　年　２００９	87.99	...	...	...	...	...

項目別	橡膠製品製造業 Rubber products	塑膠製品製造業 Plastic products	非金屬礦物製品製造業 Non-metallic mineral products	基本金屬製造業 Basic metal	金屬製品製造業 Fabricated metal products	電子零組件製造業 Electronic parts & components
９０　年　２００１	138.16	104.99	125.36	103.83	98.83	188.88
９１　年　２００２	120.62	98.90	117.81	79.86	90.84	156.16
９２　年　２００３	111.37	100.66	115.08	84.67	98.82	133.71
９３　年　２００４	107.54	93.90	111.02	91.19	96.02	125.36
９４　年　２００５	98.45	93.23	106.49	103.36	100.43	116.06
９５　年　２００６	100.00	100.00	100.00	100.00	100.00	100.00
９６　年　２００７	101.33	103.14	105.69	106.28	103.42	85.30
９７　年　２００８	101.06	112.77	114.47	111.42	103.30	82.94
９８　年　２００９	...	...	...	...	...	...

註１：其他製造業含「產業用機械設備維修及安裝業」。

２：配合國民所得統計發布時程，製造業各中業資料僅至97年。

TABLE 14 INDEXES OF UNIT OUTPUT LABOR COSTS OF MANUFACTURING

Base Period：2006=100

木竹製品製造業 Wood & bamboo products	紙漿、紙及紙製品製造業 Pulp, paper & paper products	印刷及資料儲存媒體複製業 Printing & reproduction of recorded media	石油及煤製品製造業 Petroleum & coal products	化學材料製造業 Chemical material	化學製品製造業 Chemical products	藥品製造業 Medical goods
123.37	142.70	200.42	154.86	135.25	157.71	134.08
122.69	107.03	163.54	116.92	110.35	135.28	128.22
125.04	97.76	122.33	103.63	108.41	119.67	117.05
107.84	96.90	116.46	87.18	98.59	117.75	112.88
119.16	95.32	105.48	93.93	101.40	113.45	115.70
100.00	100.00	100.00	100.00	100.00	100.00	100.00
101.37	92.17	101.31	101.55	86.93	106.53	96.95
109.67	97.77	96.40	110.26	102.79	124.55	100.46
...	...	...	...	...	...	...

電腦、電子產品及光學製品製造業 Computer, electronic & optical products	電力設備製造業 Electronic equipment	機械設備製造業 Machinery & equipment	汽車及其零件製造業 Motor vehicles & parts	其他運輸工具製造業 Other transport equipment	家具製造業 Furniture	其他製造業 Other
135.25	117.74	141.24	106.41	151.11	94.87	106.53
133.50	99.98	120.04	84.11	118.04	102.34	102.67
118.76	94.41	112.76	82.31	118.28	113.40	104.47
116.46	90.70	102.14	80.31	100.46	102.43	107.35
106.39	95.77	102.81	82.98	96.19	103.58	105.68
100.00	100.00	100.00	100.00	100.00	100.00	100.00
111.88	109.27	96.84	95.01	98.18	90.29	104.64
112.56	114.12	108.57	108.29	91.26	90.55	110.69
...	...	...	...	...	...	...

Note 1 : Other manufacturing includes 「Repair & installation of industrial machinery & equipment」.

2 : In line with the National income statistics release schedule, the data of every sub-industries in Manufacturing was to 2008.

表１５　製造業就業者工時指數

基期：民國９５年＝100

項目別	製造業 Manufacturing	食品製造業 Food	飲料及菸草製造業 Beverages & Tobacoo	紡織業 Textiles mills	成衣及服飾品製造業 Wearing apparel & clothing accessories	皮革、毛皮及其製品製造業 Leather, fur & related products
９０　年　２００１	92.00	100.41	109.67	117.73	136.36	118.56
９１　年　２００２	92.72	100.51	104.29	114.17	128.65	109.10
９２　年　２００３	94.06	100.51	102.66	110.53	122.40	104.25
９３　年　２００４	98.23	99.27	102.13	108.85	118.37	104.45
９４　年　２００５	99.18	100.87	100.36	101.80	108.56	100.94
９５　年　２００６	100.00	100.00	100.00	100.00	100.00	100.00
９６　年　２００７	102.27	99.65	97.76	96.96	92.02	100.15
９７　年　２００８	102.26	101.29	103.33	91.38	89.30	88.95
９８　年　２００９	95.76	102.24	110.80	87.87	88.71	81.89

項目別	橡膠製品製造業 Rubber products	塑膠製品製造業 Plastic products	非金屬礦物製品製造業 Non-metallic mineral products	基本金屬製造業 Basic metal	金屬製品製造業 Fabricated metal products	電子零組件製造業 Electronic parts & components
９０　年　２００１	97.49	106.39	114.83	85.40	87.33	67.44
９１　年　２００２	97.74	104.06	114.15	85.98	89.72	72.22
９２　年　２００３	99.65	103.09	110.96	87.31	93.11	77.50
９３　年　２００４	103.21	104.18	106.80	89.72	96.93	86.79
９４　年　２００５	101.59	101.83	103.50	94.73	98.42	93.24
９５　年　２００６	100.00	100.00	100.00	100.00	100.00	100.00
９６　年　２００７	103.97	100.85	101.98	103.25	102.75	104.31
９７　年　２００８	102.13	100.21	99.24	105.93	101.87	107.09
９８　年　２００９	94.29	98.17	94.44	99.99	92.78	99.12

註：其他製造業含「產業用機械設備維修及安裝業」。

TABLE 15 INDEXES OF EMPLOYED HOURS OF MANUFACTURING

Base Period：2006=100

木竹製品製造業 Wood & bamboo products	紙漿、紙及紙製品製造業 Pulp, paper & paper products	印刷及資料儲存媒體複製業 Printing & reproduction of recorded media	石油及煤製品製造業 Petroleum & coal products	化學材料製造業 Chemical material	化學製品製造業 Chemical products	藥品製造業 Medical goods
126.63	103.10	95.11	95.27	113.93	106.12	95.13
115.79	102.13	94.80	91.88	109.69	106.13	95.65
114.66	101.71	94.11	91.35	104.34	103.48	94.50
116.47	101.30	96.02	94.55	104.13	103.69	96.52
111.99	100.17	98.62	98.95	100.34	101.37	99.54
100.00	100.00	100.00	100.00	100.00	100.00	100.00
97.10	97.12	102.87	101.81	101.12	99.99	102.45
92.47	93.83	101.38	102.24	105.95	104.47	105.41
87.63	95.51	98.72	107.11	111.53	102.61	121.36

電腦、電子產品及光學製品製造業 Computer, electronic & optical products	電力設備製造業 Electronic equipment	機械設備製造業 Machinery & equipment	汽車及其零件製造業 Motor vehicles & parts	其他運輸工具製造業 Other transport equipment	家具製造業 Furniture	其他製造業 Other
86.78	111.52	88.48	84.16	95.25	122.39	94.43
92.78	108.27	87.94	88.16	91.63	117.48	94.19
95.77	106.67	89.95	94.73	95.08	112.08	96.47
98.26	104.57	93.36	100.57	101.71	108.51	102.28
99.56	101.93	95.96	104.76	100.57	105.10	103.48
100.00	100.00	100.00	100.00	100.00	100.00	100.00
102.04	100.16	106.33	106.01	105.76	97.05	106.51
99.26	103.14	108.88	100.69	108.00	94.29	109.54
91.20	101.50	88.74	91.74	99.85	86.06	100.79

Note : Other manufacturing includes 「Repair & installation of industrial machinery & equipment」.

表１６　製造業就業者指數

基期：民國９５年＝100

項目別	製造業 Manufacturing	食品製造業 Food	飲料及菸草製造業 Beverages & Tobacoo	紡織業 Textiles mills	成衣及服飾品製造業 Wearing apparel & clothing accessories	皮革、毛皮及其製品製造業 Leather, fur & related products
９０　年　２００１	93.40	102.15	110.68	119.84	134.28	118.88
９１　年　２００２	92.60	102.50	104.25	115.17	127.44	109.44
９２　年　２００３	93.62	102.01	101.56	110.25	121.88	106.69
９３　年　２００４	96.54	98.37	100.89	107.69	116.12	103.35
９４　年　２００５	98.36	99.36	100.85	103.23	108.47	100.38
９５　年　２００６	100.00	100.00	100.00	100.00	100.00	100.00
９６　年　２００７	102.36	100.40	97.61	96.78	93.53	102.56
９７　年　２００８	103.91	101.78	102.81	94.26	90.99	93.16
９８　年　２００９	100.48	104.97	109.88	92.33	92.01	88.61

項目別	橡膠製品製造業 Rubber products	塑膠製品製造業 Plastic products	非金屬礦物製品製造業 Non-metallic mineral products	基本金屬製造業 Basic metal	金屬製品製造業 Fabricated metal products	電子零組件製造業 Electronic parts & components
９０　年　２００１	99.71	103.93	116.71	87.85	88.95	70.43
９１　年　２００２	97.30	102.45	113.26	86.21	89.56	73.09
９２　年　２００３	99.55	101.93	109.31	87.73	92.37	77.79
９３　年　２００４	100.70	101.98	104.69	88.95	95.16	86.24
９４　年　２００５	100.86	101.36	102.20	94.57	97.68	92.85
９５　年　２００６	100.00	100.00	100.00	100.00	100.00	100.00
９６　年　２００７	103.63	99.89	102.17	104.01	103.94	104.53
９７　年　２００８	105.36	99.55	101.60	108.75	104.03	109.52
９８　年　２００９	101.34	98.61	99.18	106.89	100.84	102.44

註：其他製造業含「產業用機械設備維修及安裝業」。

TABLE 16 INDEXES OF EMPLOYED PERSONS OF MANUFACTURING

Base Period：2006=100

木竹製品製造業 Wood & bamboo products	紙漿、紙及紙製品製造業 Pulp, paper & paper products	印刷及資料儲存媒體複製業 Printing & reproduction of recorded media	石油及煤製品製造業 Petroleum & coal products	化學材料製造業 Chemical material	化學製品製造業 Chemical products	藥品製造業 Medical goods
126.24	105.64	95.94	95.82	114.14	106.67	97.84
116.18	102.80	95.56	91.72	110.50	105.63	99.41
112.02	101.94	95.65	89.83	105.86	103.38	97.56
110.48	99.72	94.66	92.48	103.13	103.51	95.88
107.70	99.15	97.63	97.94	101.13	102.12	98.69
100.00	100.00	100.00	100.00	100.00	100.00	100.00
94.84	97.58	102.92	100.80	100.63	100.71	105.76
92.30	96.73	102.00	100.57	104.80	105.75	108.87
91.74	98.39	101.19	104.12	109.25	106.10	126.38

電腦、電子產品及光學製品製造業 Computer, electronic & optical products	電力設備製造業 Electronic equipment	機械設備製造業 Machinery & equipment	汽車及其零件製造業 Motor vehicles & parts	其他運輸工具製造業 Other transport equipment	家具製造業 Furniture	其他製造業 Other
87.74	112.94	91.37	84.23	100.93	123.04	97.05
92.12	107.29	88.89	83.94	92.72	115.68	94.43
94.90	105.44	90.33	89.21	94.77	110.87	96.64
96.30	102.12	91.84	93.82	97.20	106.00	100.68
97.34	101.17	95.87	99.10	98.10	103.94	102.52
100.00	100.00	100.00	100.00	100.00	100.00	100.00
102.60	100.26	105.14	102.62	103.34	96.92	106.31
101.54	104.26	110.13	100.60	104.77	94.87	110.44
95.20	105.01	99.40	92.23	105.24	88.40	106.61

Note : Other manufacturing includes 「Repair & installation of industrial machinery & equipment」.

表１７　製造業等就業者指數

基期：民國９５年＝100

項目別	製造業 Manufacturing	食品製造業 Food	飲料及菸草製造業 Beverages & Tobacoo	紡織業 Textiles mills	成衣及服飾品製造業 Wearing apparel & clothing accessories	皮革、毛皮及其製品製造業 Leather, fur & related products
９０　年　２００１	93.55	102.49	111.28	120.21	135.01	119.46
９１　年　２００２	92.75	102.78	104.80	115.50	128.13	110.03
９２　年　２００３	93.75	102.22	102.32	110.53	122.52	107.17
９３　年　２００４	96.59	98.34	101.00	107.96	116.43	103.46
９４　年　２００５	98.32	99.14	101.56	103.15	108.89	100.21
９５　年　２００６	100.00	100.00	100.00	100.00	100.00	100.00
９６　年　２００７	102.60	100.85	98.24	97.18	94.34	103.39
９７　年　２００８	103.98	102.08	103.48	94.55	91.81	93.84
９８　年　２００９	100.33	105.39	109.98	92.43	92.34	88.63

項目別	橡膠製品製造業 Rubber products	塑膠製品製造業 Plastic products	非金屬礦物製品製造業 Non-metallic mineral products	基本金屬製造業 Basic metal	金屬製品製造業 Fabricated metal products	電子零組件製造業 Electronic parts & components
９０　年　２００１	101.74	104.18	117.01	87.85	89.05	70.48
９１　年　２００２	99.26	102.69	113.55	86.23	89.66	73.14
９２　年　２００３	101.60	102.14	109.51	87.71	92.48	77.84
９３　年　２００４	101.27	102.20	104.52	88.80	95.25	86.23
９４　年　２００５	101.18	101.14	102.15	94.14	97.61	92.91
９５　年　２００６	100.00	100.00	100.00	100.00	100.00	100.00
９６　年　２００７	103.54	100.01	102.30	104.03	104.28	104.68
９７　年　２００８	105.63	99.92	101.58	108.51	104.23	109.32
９８　年　２００９	101.31	98.60	99.00	106.82	100.84	101.87

註：其他製造業含「產業用機械設備維修及安裝業」。

TABLE 17 INDEXES OF EQUI-EMPLOYED PERSONS OF MANUFACTURING

Base Period：2006=100

木竹製品製造業 Wood & bamboo products	紙漿、紙及紙製品製造業 Pulp, paper & paper products	印刷及資料儲存媒體複製業 Printing & reproduction of recorded media	石油及煤製品製造業 Petroleum & coal products	化學材料製造業 Chemical material	化學製品製造業 Chemical products	藥品製造業 Medical goods
127.41	105.73	96.51	95.64	114.13	107.26	97.97
117.23	102.90	96.09	91.48	110.58	106.20	99.56
112.75	102.01	96.11	89.50	105.84	103.95	97.65
111.38	99.89	94.97	92.49	102.99	103.11	95.79
107.64	98.80	97.96	97.64	100.99	102.13	98.93
100.00	100.00	100.00	100.00	100.00	100.00	100.00
95.16	97.84	103.26	100.53	100.59	100.65	105.67
92.94	96.65	102.49	100.40	104.61	105.14	108.90
92.11	97.88	101.77	103.54	108.71	105.97	126.03

電腦、電子產品及光學製品製造業 Computer, electronic & optical products	電力設備製造業 Electronic equipment	機械設備製造業 Machinery & equipment	汽車及其零件製造業 Motor vehicles & parts	其他運輸工具製造業 Other transport equipment	家具製造業 Furniture	其他製造業 Other
87.73	113.34	91.33	84.46	101.00	122.96	97.54
92.13	107.70	88.86	84.13	92.82	115.60	94.91
94.90	105.77	90.29	89.35	94.87	110.70	97.09
96.26	102.47	91.68	93.68	97.14	105.65	101.05
97.46	101.28	95.72	99.10	98.19	103.42	102.24
100.00	100.00	100.00	100.00	100.00	100.00	100.00
102.40	100.69	105.29	102.87	103.25	96.72	107.42
101.28	104.51	109.95	100.44	104.97	94.49	111.47
95.06	105.17	98.76	92.31	105.00	87.46	101.36

Note : Other manufacturing includes 「Repair & installation of industrial machinery & equipment」.

表１８　製造業總薪資指數

基期：民國９５年＝100

項目別	製造業 Manufacturing	食品製造業 Food	飲料及菸草製造業 Beverages & Tobacoo	紡織業 Textiles mills	成衣及服飾品製造業 Wearing apparel & clothing accessories	皮革、毛皮及其製品製造業 Leather, fur & related products
９０　年　２００１	84.96	106.10	104.86	108.47	99.96	101.73
９１　年　２００２	84.31	104.98	99.64	103.17	102.65	97.93
９２　年　２００３	87.73	102.71	96.53	100.63	100.71	98.07
９３　年　２００４	92.28	98.67	94.21	100.13	99.75	96.75
９４　年　２００５	97.14	99.56	101.08	98.04	101.78	97.58
９５　年　２００６	100.00	100.00	100.00	100.00	100.00	100.00
９６　年　２００７	104.14	100.20	100.58	97.60	95.50	101.50
９７　年　２００８	105.48	104.37	110.82	92.70	93.66	94.07
９８　年　２００９	92.43	102.04	110.56	90.73	86.87	86.37

項目別	橡膠製品製造業 Rubber products	塑膠製品製造業 Plastic products	非金屬礦物製品製造業 Non-metallic mineral products	基本金屬製造業 Basic metal	金屬製品製造業 Fabricated metal products	電子零組件製造業 Electronic parts & components
９０　年　２００１	88.40	107.72	105.31	73.21	87.61	58.37
９１　年　２００２	89.83	107.95	104.64	68.68	87.21	62.99
９２　年　２００３	90.95	108.84	105.19	75.28	94.64	69.72
９３　年　２００４	97.39	104.07	105.98	86.96	96.23	80.55
９４　年　２００５	99.30	101.38	104.11	94.18	97.94	91.63
９５　年　２００６	100.00	100.00	100.00	100.00	100.00	100.00
９６　年　２００７	107.25	102.35	102.17	109.39	104.24	107.76
９７　年　２００８	104.53	100.69	100.45	110.49	102.97	114.48
９８　年　２００９	92.80	95.32	90.99	88.94	89.61	95.48

註：其他製造業含「產業用機械設備維修及安裝業」。

TABLE 18 INDEXES OF TOTAL EARNINGS OF MANUFACTURING

Base Period：2006=100

木竹製品製造業 Wood & bamboo products	紙漿、紙及紙製品製造業 Pulp, paper & paper products	印刷及資料儲存媒體複製業 Printing & reproduction of recorded media	石油及煤製品製造業 Petroleum & coal products	化學材料製造業 Chemical material	化學製品製造業 Chemical products	藥品製造業 Medical goods
114.81	106.11	108.95	85.93	96.24	103.24	95.37
108.31	97.08	98.79	80.43	89.91	99.96	92.94
108.89	95.00	93.00	80.45	92.16	96.48	92.72
108.87	97.97	95.61	79.62	89.53	104.07	96.50
108.64	96.10	100.05	96.77	96.26	106.67	99.76
100.00	100.00	100.00	100.00	100.00	100.00	100.00
96.35	96.74	101.84	102.90	99.15	108.27	103.94
92.89	94.71	98.08	101.54	105.27	116.00	108.70
90.24	85.01	92.10	95.92	94.03	105.97	125.72

電腦、電子產品及光學製品製造業 Computer, electronic & optical products	電力設備製造業 Electronic equipment	機械設備製造業 Machinery & equipment	汽車及其零件製造業 Motor vehicles & parts	其他運輸工具製造業 Other transport equipment	家具製造業 Furniture	其他製造業 Other
76.86	108.51	85.40	74.00	101.09	122.26	88.96
81.83	104.51	82.34	74.76	86.51	110.24	88.81
86.37	103.16	85.67	84.13	91.30	107.53	93.64
87.94	101.49	89.99	95.52	94.53	103.92	101.57
94.36	102.33	95.72	100.45	97.69	101.68	103.88
100.00	100.00	100.00	100.00	100.00	100.00	100.00
106.27	102.91	105.16	95.20	107.19	96.01	108.76
105.63	103.12	109.44	89.49	110.61	92.84	111.92
91.24	95.36	85.64	77.36	104.47	85.26	100.25

Note : Other manufacturing includes 「Repair & installation of industrial machinery & equipment」.

肆、國際比較

Ⅳ、INTERNATIONAL COMPARISON

表 1　各主要國家勞動生產力(按 2000 年價格計算) *

Table 1　Level of Labor Productivity in Major Countries(at 2000 Constant Price)

單位：美元
Unit：U.S. Dollars

國別 Country / 業別 Industry / 年別 Period		中華民國 (R.O.C.)		日本 (Japan)		美國 (U.S.A.)	
		全體產業 All industries	製造業 Manu-facturing	全體產業 All industries	製造業 Manu-facturing	全體產業 All industries	製造業 Manu-facturing
民國 89 年	2000	-	-	67930	73420	71714	71525
民國 90 年	2001	-	-	59643	62249	72230	71002
民國 91 年	2002	26375	29195	66586	70798	73626	78065
民國 92 年	2003	27894	32510	75766	86588	74788	82836
民國 93 年	2004	31117	37027	79909	96538	76665	89681
民國 94 年	2005	31315	38100	71586	90259	77538	91737
民國 95 年	2006	33012	41177	72149	91089	78204	96068
民國 96 年	2007	34807	44398	76700	98511	78905	99288
民國 97 年	2008	34235	43362	95627	122197	80159	98988

資料來源：

中華民國—http://www.stat.gov.tw、勞動生產力趨勢分析報告,2009年
日本— http://www.esri.cao.go.jp/en/sna、Monthly Statistics of Japan：http://www.stat.go.jp/english/data/getujidb/index.htm#g
美國—美國經濟分析局、勞工局 http://www.bea.gov/national/index.htm#gdp、http://www.bls.gov/cps
香港—政府統計處http://www.censtatd.gov.hk/hong_kong_statistics/statistics_by_subject/index_tc.jsp
新加坡—http://www.singstat.gov.sg/stats/themes/economy/natac.html、Singapore Yearbook of Manpower Statistics, 2009
韓國—銀行局http://ecos.bok.or.kr/EIndex_en.jsp、http://www.kosis.kr/eng/index.html

註：1. *每就業者產出=實質國內生產毛額/就業者人數。

單位：美元
Unit：U.S. Dollars

國別 Country / 業別 Industry / 年別 Period		香港 (Hong Kong)		新加坡 (Singapore)		韓國 (Korea)	
		全體產業 All Industries	製造業 Manu-facturing	全體產業 All industries	製造業 Manu-facturing	全體產業 All industries	製造業 Manu-facturing
民國 89 年	2000	-	-	-	-	25966	28717
民國 90 年	2001	52210	24270	38807	-	26817	27074
民國 91 年	2002	53735	24655	43552	53378	31990	31746
民國 92 年	2003	56084	23789	46302	56737	33951	32375
民國 93 年	2004	59208	27977	50836	63452	38946	42587
民國 94 年	2005	62374	29647	51213	63922	42078	45479
民國 95 年	2006	65303	31232	55969	71464	49624	52147
民國 96 年	2007	67581	32843	58662	73280	51829	55397
民國 97 年	2008	68811	32696	54959	68014	38597	43524

Source: R.O.C.—http://www.stat.gov.tw、The trends in Labor Productivity, 2009
Japan— http://www.esri.cao.go.jp/en/sna、Monthly Statistics of Japan：http://www.stat.go.jp/english/data/getujidb/index.htm#g
U. S. A.—http://www.bea.gov/national/index.htm#gdp、http://www.bls.gov/cps
Hong Kong—http://www.censtatd.gov.hk/hong_kong_statistics/statistics_by_subject/index_tc.jsp
Singapore—http://www.singstat.gov.sg/stats/themes/economy/natac.html、Singapore Yearbook of Manpower Statistics, 2009
Korea—http://ecos.bok.or.kr/EIndex_en.jsp、http://www.kosis.kr/eng/index.html

Note :　1. *Output Per Employed Person = Real GDP/Employed Person.

表 2　各主要國家製造業勞動生產力指數成長率

Table 2　Growth Rate of the Labor Productivity Indexes of Manufacturing in Major Countries

國 別 Country		中華民國 R.O.C.	日本 Japan	韓國 Korea	美國 U.S.A.	加拿大 Canada	英國 U.K.	德國 Germany
民國 ９０ 年	2001	-	-2.1	-0.5	1.0	-2.1	3.6	2.6
民國 ９１ 年	2002	10.9	3.7	10.9	10.6	1.7	3.1	1.0
民國 ９２ 年	2003	8.5	6.8	6.8	6.4	0.4	4.2	3.6
民國 ９３ 年	2004	5.6	6.9	10.4	6.1	1.1	6.4	3.8
民國 ９４ 年	2005	6.9	6.5	11.0	2.0	3.4	4.2	5.6
民國 ９５ 年	2006	8.1	1.0	12.2	4.7	2.2	3.8	8.4
民國 ９６ 年	2007	7.4	3.5	7.6	4.7	2.7	3.3	5.0
民國 ９７ 年	2008	0.4	-0.2	1.2	1.2	-2.6	0.3	-0.1

資料來源：中華民國— 勞動生產力趨勢分析報告,2009 年
其他國家— 美國勞工統計局：http://www.bls.gov/fls/ 製造業之生產力與單位勞動成本趨勢之國際比較

Source: R.O.C. — The trends in Labor Productivity, 2009；Other country -- U.S. Department of Labor: International Comparisons of Manufacturing Productivity and Unit Labor Cost Trends.

伍、編製方法說明

Ⅴ、DESCRIPTION OF METHODS USED IN COMPILATION

編製方法說明

一、理論基礎

生產力的衡量有「平均」與「邊際」兩種方法，惟邊際生產力在統計實務中尚停留在理論階段，故目前所編布的勞動生產力，都是以「總產出」除以「總投入」的平均觀念來編製。

依產值編算之勞動生產力指數，其產出部分係採用國民所得生產帳（NIPA）中之實質國內生產毛額（GDP），而投入部分則採用場所面與家計面兩種調查所得之受僱員工與雇主、自營作業者、無酬家屬工作者之人數、工時等資料，以為編製基礎。其計算公式如下：

1. 勞動生產力指數＝$\frac{\text{實質國內生產毛額指數}}{\text{勞動投入指數(工時.就業者.等就業者)}}\times 100$

（以民國95年為基期，並按95年固定價格表示）

2. 勞動生產力＝$\frac{\text{實質國內生產毛額}}{\text{勞動投入量(工時.就業者.等就業者)}}$

（按民國95年固定價格表示）

二、產出的衡量

衡量生產力必須使用固定價格表示的實質產出才有意義。依產值編製之勞動生產力指數，是以國民所得「生產」帳（NIPA）中的實質國民生產毛額（GNP）為衡量產出的基礎。但由於許多國民生產毛額的重要組成項，因找不到適當的相對投入、或產出與投入成比例變動者，如國外要素所得淨額、住宅服務、政府服務、及誤差項等，均不計入產出衡量中。

(一) 國外要素所得淨額：

係本國國民參加國外生產之所得，減外國國民在國內參加生產獲取所得之差額。此項產出在場所面與家計面的人力資源調查中，因找不到相對的勞動投入與之對應，當然必須將其排除於產出之外，以正確反應生產力的變動。

(二) 住宅服務：

係住家用的房屋，其出租或自住的租金部分。此項產出也無適當的勞動投入與之配合，自不應包括在產出範圍內。

(三) 政府服務：

此項產出係指政府機關各部門（包含國防部門）決算書的人事費用項。此項產出在衡量時，是依政府人員受僱小時的改變以為計算之基礎，且採固定價格表示，故生產力的變動在此情形下，因被固定而失去意義，自以將其排除較為適宜。

(四) 誤差項：

1.「設算銀行服務費」項，係指將金融機構的利息收入減除利息支出之餘額。此因屬各業中間消費，理當在各業產出中扣除，唯在技術上目前尚無適當的扣除方法，故在各行業中並不扣除此項目。

2.「進口稅」項，係指關稅、商港建設費與進口貨物稅。此因新的國民經濟會計制度修改為單獨列帳，不再併計各產業帳內，目前無適當之方法可併入各行業中，故在各行業中不計入此項。

三、勞動投入的衡量

(一) 工時：

就常理言，勞動工時的投入比就業人數投入的變動，更能反應生產力的變動，而此一勞動工時應指工作工時而非有酬工時。由於產出資料係採用國內生產毛額，是以勞動的投入應為就業者的工作工時（即除了受僱員工的延人工時之外，尚包括雇主、自營作業者、及無酬家屬工作者的延人工時），較能符合生產力分析之要求。

本處現有由住戶面調查（即人力資源調查）所產生之就業者人數資料，此為研究就業人數結構的常用指標，但考慮工時反應生產力變動之準確性，則應用本處由場所面調查（即受僱員工薪資調查）所產生之受僱員工工時資料，較能反應生產力之變動，因此，本統計目前衡量投入面時，係採用人力資源統計中的就業人數（即雇主、自營作業者、受僱者、及無酬家屬工作者等），配以受僱員工統計中之工時，並經下列公式調整後應用。

1.調整前非農業勞動力雇主（受僱者、無酬家屬工作者、自營作業者）的工時 ×

$$\frac{\text{受僱員工的工時}}{\text{勞動力受僱者的工時}}$$

＝調整後非農業雇主（受僱者、無酬家屬工作者、自營作業者）的工時。

2.調整前每週農業雇主（受僱者、無酬家屬工作者、自營作業者）的工時÷7×當月日數＝調整後每月農業雇主（受僱者、無酬家屬工作者、自營作業者）的工時。

(二) 就業者：

有鑑於部分國家，至今仍沿用較簡單的「每就業者產出」來衡量勞動生產力的變動，故本報告亦將「每就業者產出」（就業者計包括有家計面之雇主、自營作業者、及無酬家屬工作者，與受僱者）列出，以供應用及便於國際比較。

(三) 等就業者：

為將不同工時的勞動投入，化為同一工作時數的就業者，故予以標準化為「等就業者」，其標準化的過程如下：

1.依人力資源調查計算各業全日工作者之平均工時（NH）。

2.依人力資源調查分別計算各從業身分別之平均工時，自營作業者（AH_1），雇主（AH_2），受僱者（AH_3），無酬家屬工作者（AH_4）。

3.求各從業身分別等就業者之比例，即 $Ri=\frac{AH_i}{NH}$，i=1,2,3,4。

4.以Ri乘就業者人數（E'i)(受僱者採受僱員工資料），即為各從業身分之等就業者（E'i），E'i=Ri ×Ei 。

5.各業別等就業者$E'=\sum_{I=1}^{4} E'i$

四、單位產出勞動成本

「單位產出勞動成本」主要在反映廠商勞動成本的變動，其衡量方法是以總薪資指數除以產出（實質國內生產毛額）指數而求得。即

$$\text{單位產出勞動成本指數}=\frac{\text{總薪資指數}}{\text{實質國內生產毛額指數}}\times 100$$

（以民國95年為基期，並按95年固定價格表示）

當單位產出勞動成本指數上升時，表示相同單位的產出需要支付較多的勞動成本，或廠商支付相同的成本，唯生產的產出卻減少。上式中的總薪資指數因雇主、自營作業者、無酬家屬工作者，並沒有薪資報酬，所以總薪資指數係以受僱員工之人數乘以其平均每人之薪資，再加上非受僱員工就業者（包含雇主、自營作業者、無酬家屬工作者）設算總薪資，然後再以民國95年為基期得到。

非受僱員工就業者總薪資設算公式如下：

$$\text{非受僱員工就業者設算總薪資}=\frac{\text{非受僱員工就業者平均工時}}{\text{受僱員工平均工時}}\times\text{受僱員工每人平均薪資}\times\text{非受僱員工就業者人數}$$

而農業部門之平均每人薪資，則以下列方法重新估計：

1. 調整前農業平均薪資$\times\frac{\text{受僱員工非農業平均薪資(5月)}}{\text{勞動力非農業平均薪資(5月)}}$＝調整後農業平均薪資（M t）。

2. 基期（95年5月）農業平均薪資$Mt'=\frac{M_{t-1}+M_t+M_{t+1}}{3}$ 。

3. 各月農業平均薪資M i = 基期農業平均薪資M t' ×農業僱工工資指數。

※其中勞動力非農業與農業之平均薪資係得自行政院主計處之「人力運用調查報告」。

※而農業僱工工資指數則係得自行政院農業委員會之「農業統計月報」。

Compilation Method

1. Theoretical Base

Productivity can be measured in two ways--i.e. in terms of "average productivity" and "marginal productivity". In practice, the marginal productivity is still at the stage of theoretical discussion only. The present labor productivity statistics, are all calculated by dividing "total input" into "total output."

For labor productivity derived from production value-added, the part of output refers to the real gross domestic product (GDP) obtained from the national income production account (NIPA) while the part of input is computed on the basis of the number of persons and working hours of employees, employers, own-account workers, and unpaid family workers, with data obtained from establishment and household surveys. The calculation formulas are as follows:

(1) Labor Productivity Index=

$$\frac{\text{Real Gross Domestic Product Index}}{\text{Labor Input Index(man-hour•number of employed•number of equi-employed)}} \times 100$$

(The base year of the indices is 2006 and GDP is measured in the 2006 constant prices.)

(2) Labor Productivity =

$$\frac{\text{Real Gross Domestic Product}}{\text{Labor Input (man-hour•number of employed•number of equi-employed)}}$$

(GDP is measured in the 2006 constant prices.)

II. Output

It does not make sense unless productivity is measured in real output--i.e. output in terms of constant prices. The labor productivity index computed from production value should have been based on the real gross national product (GNP) derived from the NIPA. However, it is impossible to find counterpart items of input for many components of the gross national product or the change in input match the change in output in proportion, such as net factor income frome abroad; housing services, government services, and errors and omissions. Consequently, they are not included in the output for calculating productivity.

1. Net Factor Income from Abroad:

This item refers to the factor income earned from foreign countries deducted by factor expenditure paid foreign countries. This item of output has no counterpart item of labor input shown in the establishment and household manpower surveys. Because of no counterpart item of labor input, this item should be excluded from the output in order to accurately demonstrate the change in productivity.

2. Housing Services

This item refers to the rent for a house which is either leased or used by the owner himself. This item of output also has no counterpart item of labor input and is, accordingly, excluded from the scope of output.

3. Government Services

This item refers to the amount of money paid for personal included in the settlement statement of all government agencies (including the sector in charge of national defense.) This item of output is measured according to the change in working hours of government employees and the output is denominated in fixed prices. Under the condition, the change in productivity is fixed and thus becomes meaningless. Consequently, this item should be excluded.

4. Errors and Omissions:

(1) The item of "imputed bank service charge" refers to the interests earned by banks deducted by interests paid by these banks. The imputed bank interests represent an intermediate consumption made by all industries and thus should have been deducted from the output of all of the industries. Technically, there is no appropriate method used to do the deduction at present and for every industry, the imputed interests are not excluded from its output. They are thus excluded from the aggregate output of all of the industries.

(2) The item of "import duties" comprises customs duties, harbour construction dues and import commodity duties. Because of some revision in the System of National Accounts(SNA), this item is no longer included in the output of every industry. Nowadays, there is no appropriate method used to include, the import duties is excluded from the output of every industry.

III. Labor Input

(1) Man-hour

Generally, the change in working hours is a better input to show the movement of productivity than the change in the employment population. The working hours should refer to the time used to do a job, rather than just the working time with pay. Because the gross domestic product is used as the output data, the labor input should be the working hours dedicated by the employment population (including not only man-hours of employees but man-hours of employers, own-account workers, and unpaid family workers.) Results produced in this way will then be able to meet the needs required in the analysis on productivity.

Currently, the DGBAS has data on employment population and working hours obtained from household surveys. However, statistics on working hours of employees obtained from establishment surveys should be able to more accurately reflect the movement of productivity. Consequently, labor in this case includes non-agricultural employee, employers, own-account workers, and unpaid family workers obtained from household survey. The labor input, with adjusted working hours obtained from Employee Survey, is calculated on the basis of the following formulas:

1. Prior adjusted working hours of non-agricultural employment population in labor force (including employers, employees, unpaid family workers, and own-account workers) $\times$

$$\frac{\text{Working hours of employees}}{\text{Working hours of employees in labor force}}$$

=adjusted working hours of non-agricultural employment population (including em-ployers, employees, unpaid family workers, and own-account workers)

2.Prior adjusted weekly working hours of agricultural employement population(including employers, employees, unpaid family workers, and own-account workers)/7 X The number of days of the current month
=Adjusted monthly working hours of agricultural employment population (including employers, employee, umpaid family workers, and own-account workers)

(II) Employed Persons

In view of the fact that some countries are still using a much simpler indicator of "output per worker in the employment population" to measure the movement of labor productivity, this report also present the "output per worker in the employment population" for readers to use in their own applications and make the international comparison in this respect possible. (The employment population include employees, employers, own-account workers, and unpaid family workers obtained from household surveys).

(III)Equi-employed Persons:

In order to transfer the employed persons of different working hours into the standard employment, the so-called "equi-employed persons", we must proceed some standardization for the employed persons. The standardized steps are as fellows:

1.Compute full-time worker's average working hour (NH) from household manpower surveys.
2.Compute the average working hours of the different classes of employment from house-hold manpower survey, ex. Own-account workers (AH_1),Employers (AH_2), Employees (AH_3), Unpaid family workers(AH_4).
3.Compute the ratio of the different classes of the equi-employed persons, i.e. Ri=AHi/NH, i=1,2,3,4
4.Using the ratio Ri multiply the different classed of employed persons respectively ($E'i$),(the employee come from the establishment survey), that is the number of the different classes of the equi-employed persons. $E'i=Ri \times E\,i$
5.The number of equi-employed persons for each industry is E',$E'=\sum_{i=1}^{4} E'i$.

IV. Labor Cost Per Unit of Output

The "labor cost per unit of output" is mainly designed to indicate the movement of production cost of the business firms. It is calculated by dividing the output (real GDP) index into the total wage index. The formulas are as follows:

$$\text{Unit Labor Cost Index} = \frac{\text{Total Wage Index}}{\text{Real GDP Index}} \times 100$$

(The base year of the indices is 2006 and The real value is measured in the 2006 constant prices.)

An increase in the unit labor cost index indicates that more labor cost should be paid to produce a unit of output, or that the same amount of labor cost can produce less output. As

employers, own-account workers, and unpaid family workers do not receive wages, the total wage index in the above formula, given the base year of 2006, is derived from multiplying the average wage per person by the number of employees, and adding total imputed wage of employment of non-employees (including employers, own-account workers, unpaid family workers).

Total wage of employment of non-employees is computed by the following method:
Total imputed wage of employment of non-employees

$$= \frac{\text{Average working hours of employment of non-employees}}{\text{Average working hours of employees}}$$

X Average wage per employees X Number of employment of non-employees

The wage per worker in the agricultural sector is re-estimated by the following method:

1.Prior adjusted average agricultural wage X

$$\frac{\text{Average wage per non-agricultural worker (in May)}}{\text{Average wage per non-agricultural worker in labor force (in May)}}$$

= Adjusted average agricultural wage (Mt)

2. Average agricultural wage for base period (May of 2006)

$$Mt' = \frac{M_{t-1}+M_t+M_{t+1}}{3}$$

3. Average monthly agricultural wage Mi =
Average agricultural wage for the base period Mt' X agricultural wage index for employees

** The source of agricultural and non-agricultural average wages in the labor force is the "Report on Manpower Utilization Survey" published by the Directorate-General of Budget, Accounting and Statistics.

** The source of agricultural wage index of the employees is the "Agricultural Statistics Monthly Bulletin" published by the Council of Agriculture, Executive Yuan.

行政院主計處編印之有關薪資與生產力統計報告一覽表：

- 薪資與生產力統計月報（電子書）
- 薪資與生產力統計年報
- 受僱員工動向調查報告
- 產值勞動生產力趨勢分析報告
- 多因素生產力趨勢分析報告
- 事業人力僱用狀況調查報告

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