



VICTORIAN YEAR BOOK

1991



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VICTORIAN YEAR BOOK 1991

Number 104

**VICTORIAN
YEAR BOOK
1991**

NUMBER 104

R.A. CROCKETT

DEPUTY COMMONWEALTH STATISTICIAN

AUSTRALIAN BUREAU OF STATISTICS

VICTORIAN OFFICE

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	ACKNOWLEDGEMENTS <i>The feature article 'Tourism in Victoria' was compiled with the assistance of the Victorian Tourism Commission. Particular thanks are extended to Ms Karina Veal and to Mr King Bush for their assistance and advice.</i>	

Preface

The *Victorian Year Book* is an excellent general reference to key economic and social statistics on Victoria. The 104 editions, since the *Year Book* was first issued in 1873, provide an authoritative statistical record of Victoria's development. Most editions also contain feature articles; this year the topic is tourism.

The *Year Book* continues to play an important role in pursuit of the ABS mission: (ie) to assist and encourage informed decision-making, research and discussion within governments and the community by providing a high-quality, user-oriented and dynamic statistical service.

In addition to being a first point of reference for people from throughout the community who are trying to satisfy their information needs, the *Year Book* also includes references to more detailed sources and to the overall services offered by the Australian Bureau of Statistics (ABS). I encourage readers to provide the ABS with any comments for improving this important statistical product.

I have much pleasure in introducing the 1991 edition of the *Victorian Year Book*.

R.A. CROCKETT
Deputy Commonwealth Statistician
March 1991

General Information

Symbols

The following symbols mean:

- cr. credit
 - dr. debit
 - n.a. not available
 - n.e.c. not elsewhere classified
 - n.e.i. not elsewhere included
 - n.e.s. not elsewhere specified
 - n.p. not available for publication, but included in totals where applicable
 - n.y.a. not yet available
 - p preliminary - figure or series subject to revision
 - r figure or series revised since previous issue
 - .. not applicable
 - nil or rounded down to zero
 - break in continuity of series (where a line drawn across a column between two consecutive figures)
 - * subject to sampling variability too high for most practical purposes
- M, males; F, females; T, total

Other forms of usage

The following abbreviations are used for the titles of the Australian States and Territories and Australia: NSW (New South Wales), Vic. (Victoria), Qld (Queensland), SA (South Australia), WA (Western Australia), Tas. (Tasmania), NT (Northern Territory), ACT (Australian Capital Territory), and Aust. (Australia).

Yearly periods shown as, e.g. 1989 refer to the year ended 31 December 1989. Those shown as, e.g. 1988-89 refer to the year ended 30 June 1989. Other yearly periods are specifically indicated.

Values are shown in Australian dollars (\$) or cents (c) unless another currency is specified.

All data are presented in metric terms.

Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

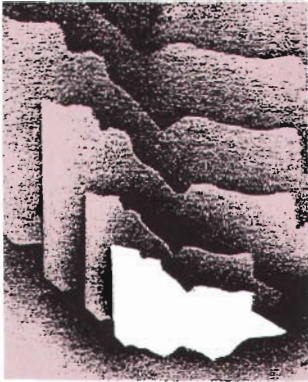
Availability of ABS publications

The Victorian Office of the Australian Bureau of Statistics (ABS) maintains an Information Consultancy Service, which provides advice on what products are available to best meet users needs, as well as a library in which all publications of the ABS are available for reference. Businesspeople, government officers, students, and members of the public are invited to make use of these services.

Information regarding the availability of ABS publications can be obtained from the Information Services Section, Australian Bureau of Statistics, Box 2796Y, G.P.O., Melbourne, 3001, phone (03) 615 7000.

All publications issued by the ABS are contained in the *Catalogue of Publications, Australia* (1101.0) which is available from any ABS Office.

Tourism in Victoria



INTRODUCTION

There is a growing trend for international travellers to include Australia on their holiday destination list. The Bureau of Tourism Research (BTR) has forecast that the number of short-term visitor arrivals to Australia will rise to 3,332,000 in 1995 and 4,847,000 by the year 2000.

Victoria, being a most desirable tourist destination in terms of its variety of attractions, its excellent climate, its compact size and its central location within Australia, is well placed to increase its market share of the Australian tourism industry.

It is estimated that Tourism contributed around 7 per cent of GDP in Victoria in 1987-88. With current employment estimates for the industry of 130,000 people, it has been calculated that approximately 7 per cent of the Victorian workforce is reliant to some extent on tourist expenditure.

The Bureau of Industry Economics estimated tourism expenditure in Victoria at \$4.2 billion in 1988-89, approximately 19 per cent of the estimated total tourism expenditure in Australia.

The statistics contained in this article were produced by the Australian Bureau of Statistics (ABS) and the Bureau of Tourism Research (BTR).

The BTR was established in late 1987, in accordance with the recommendations of the Australian Government Inquiry into Tourism. It is a co-operative venture, jointly funded by the Commonwealth and State/Territory governments.

At the State level, the Victorian Tourism Commission (VTC) was established under the *Victorian Tourism Act 1982*, to market Victoria as a tourist destination to Victorians, other Australians and overseas visitors.

The VTC has recently launched tourism campaigns for the Gippsland Lakes and Murray regions of Victoria, and has promoted Melbourne as the 'City of Gold' in a publicity campaign in South East Asia. The VTC has also assisted with enhancing Melbourne's reputation as a leading convention city, with the number of conventions held in Melbourne in 1989-90 increasing by 30 over the previous year. The World Congress Centre opened in April 1990.

OVERSEAS VISITORS

Arrivals of overseas visitors for short-term visits

The number of short-term visitor arrivals to Australia in 1989 was 2,080,300, a decrease of 8 per cent from the record figure in 1988 (2,249,300) but 17 per cent higher than in 1987. The major source countries were New Zealand (22 per cent), Japan (17 per cent), the United Kingdom and Ireland (14 per cent) and the United States of America (13 per cent).

Short-term visitor arrivals to Australia more than doubled between 1984 (1,015,100) and 1989. In 1989, the majority of visitors came for the purpose of "holiday or accompanying business traveller" (54 per cent) and "visiting relatives" (22 per cent).

By way of comparison, the number of Australian residents departing for short-term visits overseas in 1989 totalled 1,989,800.

SHORT-TERM MOVEMENT
Overseas visitors arriving in Australia

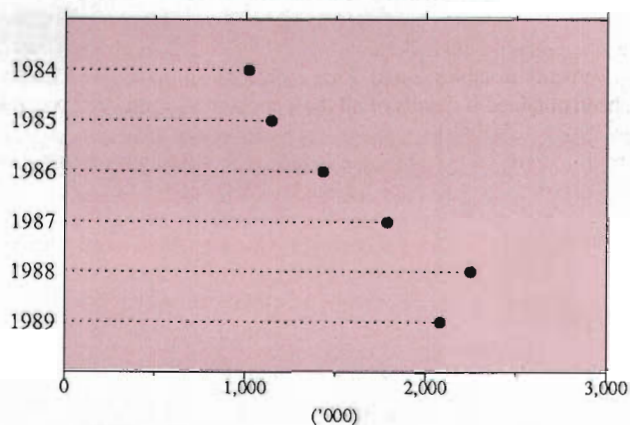


TABLE 1 SHORT-TERM MOVEMENT (a) - OVERSEAS VISITORS ARRIVING BY INTENDED LENGTH OF STAY AND MAIN PURPOSE OF JOURNEY, AUSTRALIA, 1989

Intended length of stay	In transit	Purpose of Journey					Other and not stated	Total
		Visiting relatives	Holiday, accompanying business traveller	Business	Employment	Attending convention		
Under 1 week	78,400	31,400	268,900	93,500	1,900	6,400	19,200	499,800
1 week and under								
2 weeks	100	54,000	341,000	68,700	1,700	11,200	17,400	494,000
2 weeks and under								
3 weeks	-	71,100	170,100	30,600	800	4,800	9,200	286,600
3 weeks and under								
1 month	-	60,400	87,100	7,400	500	1,300	5,300	161,900
1 month and under								
2 months	-	117,100	120,100	14,200	2,000	1,200	11,000	265,600
2 months and under								
3 months	-	44,500	39,400	5,200	2,000	300	7,500	98,900
3 months and under								
6 months	-	42,200	43,900	5,700	5,000	100	13,800	110,700
6 months and under								
12 months	100	39,200	55,700	5,600	16,000	200	45,800	162,700
Not stated	-	-	-	-	-	-	-	100
Total	78,600	459,900	1,126,400	230,800	30,000	25,400	129,200	2,080,300

(a) Figures show movement by sea and air combined. Figures for movement by air are largely based on a sample and are subject to sampling error.

Source: *Overseas Arrivals and Departures, Australia* (ABS Cat. No. 3404.0).

Short-term overseas visitors to Victoria

Movement of travellers whose intended or actual period of stay is less than twelve months is classified by the ABS as short-term, with the exception of travel by those who on arrival hold migrant visas.

Persons arriving in Australia are required to complete prescribed questionnaires in the form of Incoming Passenger cards. These cards provide information to the Department of Immigration, Local Government and Ethnic Affairs and also serve as the source of statistics of overseas arrivals.

Overseas arrival statistics are derived from a combination of full enumeration and sampling. Fully enumerated strata cover all permanent movements and all movements with a duration of stay of more than one year. All movements with a duration of stay of less than one year are sampled and statistics relating to these movements in tables 2 and 3 are therefore estimates, which may differ from statistics which would have been obtained if details of all these movements had been processed.

Tables 2 and 3 provide details of the estimated number of short-term overseas visitors who nominated Victoria as their intended address whilst in Australia. They do not reflect the total number of overseas visitors who visited Victoria whilst in Australia.

In 1989-90, 338,800 short-term visitor arrivals from overseas nominated Victoria as their intended address in Australia. Of these visitors, 35 per cent came from Asia, 29 per cent from Europe, 21 per cent from Oceania, 14 per cent from America and 1 per cent from Africa.

It is interesting to note that 55 per cent of our short-term visitors from overseas came from just four countries, namely New Zealand (19 per cent), the United Kingdom (13 per cent), Japan (12 per cent), and the United States (11 per cent).

The Bureau of Tourism Research conducts an International Visitors Survey. This survey is administered to international visitors at their point of departure and is the only official statistical information on the travel behaviour of international visitors *within* Australia. Tables 4 and 5 indicate that there were 686,500 international short term visitors to Victoria in 1989. This figure represented approximately 33 per cent of all international visitors to Australia. Over recent years, Victoria (together with Australia) has experienced considerable growth rates in most of its major markets. In the five years to 1989, visitors from Victoria's major markets doubled, with exceptionally high numbers in 1988.

TABLE 2 SHORT-TERM VISITOR ARRIVALS (a) BY MAIN PURPOSE OF JOURNEY AND WHERE STATE OF INTENDED STAY IS VICTORIA, 1989-90

<i>Main purpose of journey</i>	<i>Sept. qtr</i>	<i>Dec. qtr</i>	<i>Mar. qtr</i>	<i>June qtr</i>
In transit	1,000	800	700	900
Visiting relatives	19,100	35,800	24,800	18,900
Holiday, accompanying				
business traveller	29,100	44,900	41,800	31,900
Attending convention	800	1,200	700	600
Business	12,400	13,700	15,100	12,200
Employment	1,300	1,500	1,800	1,400
Other and not stated	5,200	5,700	9,500	6,300
Total	68,800	103,500	94,300	72,100

(a) Figures for short-term movement are largely based on a sample and are subject to sampling error.

Source: *Overseas Arrivals and Departures, Australia* (ABS Cat. No. 3402.0).

TABLE 3 SHORT-TERM VISITOR ARRIVALS BY COUNTRY OF RESIDENCE, REASON FOR STAY, AND WHERE STATE OF INTENDED STAY IS VICTORIA, 1989-90

Country of Residence	Reason for journey				Total
	Visiting relatives	Holiday, accompanying business traveller	Business, employment, attending convention	Other and not stated	
Africa					
South Africa	1,000	300	200	100	1,500
Other Africa	1,000	400	200	100	1,700
Total Africa	2,000	700	400	200	3,200
North America					
Canada	2,900	3,300	1,100	500	7,700
United States	7,400	16,900	11,700	2,700	38,700
Total	10,300	20,100	12,800	3,200	46,400
Central America	100	100	-	-	300
South America	700	400	100	100	1,400
Total America	11,200	20,700	13,000	3,400	48,300
Asia					
Western Asia					
(Middle East)(a)	2,500	1,500	500	200	4,700
South Central Asia (b)	1,900	1,300	1,100	1,100	5,300
South East Asia					
Indonesia	1,200	2,200	400	900	4,700
Malaysia	4,600	3,500	800	2,800	11,700
Singapore	2,200	4,200	1,900	700	9,000
Other	1,900	2,800	1,200	1,200	7,100
Total	9,900	12,700	4,300	5,600	32,500
East Asia					
China	600	1,400	1,200	4,400	7,600
Hong Kong	3,200	8,700	2,000	2,000	15,900
Japan	1,500	33,300	6,100	1,300	42,200
Taiwan	300	6,200	800	500	7,800
Other	200	300	500	400	1,400
Total	5,800	49,900	10,600	8,600	74,900
Total Asia	20,100	65,400	16,400	15,500	117,400
Europe					
United Kingdom	21,300	15,400	6,600	2,100	45,400
Germany	3,000	7,700	2,100	700	13,500
Greece	2,200	600	100	200	3,100
Italy	2,400	2,000	800	300	5,500
Netherlands	2,500	1,500	600	200	4,800
Sweden	400	2,100	900	300	3,700
Switzerland	700	2,100	400	100	3,400
Other	8,200	6,100	3,400	1,200	18,800
Total Europe	40,700	37,500	14,900	5,100	98,200

TABLE 3 SHORT-TERM VISITOR ARRIVALS BY COUNTRY OF RESIDENCE, REASON FOR STAY, AND STATE OF INTENDED STAY, VICTORIA, 1989-90 - continued

Country of Residence	Reason for journey				Total
	Visiting relatives	Holiday, accompanying business traveller	Business, employment, attending convention	Other and not stated	
Oceania					
New Zealand	22,200	21,000	17,100	4,100	64,400
Other	2,300	2,400	800	1,700	7,100
Total Oceania	24,500	23,400	17,900	5,800	71,500
Grand Total	98,500	147,700	62,500	30,100	338,800

(a) Includes Cyprus, Israel, Lebanon, Saudi Arabia, Turkey and other Western Asia.

(b) Includes India, Nepal, Pakistan, Sri Lanka and other South-Central Asia.

Note: The Statistics in this table have been rounded to the nearest 100. The sums of the components may, due to rounding, not add exactly to totals.

Source: Unpublished data (ABS Table No. 31)

TABLE 4 ALL SHORT-TERM OVERSEAS VISITORS TO VICTORIA BY PURPOSE OF VISIT AND COUNTRY OF ORIGIN, 1989

	Holiday	Visiting friends and relatives	Business	Other	Total
Japan	106,900	900	8,200	13,400	129,300
Europe (excl. UK & Ire.)	65,100	23,000	12,100	10,300	110,500
USA	57,000	9,300	26,200	17,000	109,500
Asia (excl. Japan)	46,500	18,300	14,000	24,000	102,700
UK and Ireland	42,100	39,900	12,800	7,900	102,600
New Zealand	29,800	29,000	21,800	9,200	89,900
Canada	11,100	4,700	1,700	3,600	21,100
Other	9,700	6,900	3,800	400	20,800
Total	368,300	131,900	100,600	85,700	686,500

Source: *International Visitors Survey*, Bureau of Tourism Research.

Note: Totals may not add due to rounding.

TABLE 5 INTERNATIONAL VISITORS TO VICTORIA 1987 TO 1989

	1987	1988	1989	Percentage change between 1987 and 1989
Japan	103,500	179,700	129,300	25
Europe (excl. UK & Ire.)	89,400	115,300	110,500	24
U.S.A.	132,900	145,000	109,500	-18
Asia (excl. Japan)	102,100	126,300	102,700	1
U.K. and Ireland	73,000	90,200	102,600	41
New Zealand	99,200	90,800	89,900	-9
Canada	22,100	29,300	21,100	-5
Other	20,300	55,600	20,800	2
Total	642,800	832,500	686,500	7

Source: *International Visitors Survey*, Bureau of Tourism Research.

Note: Totals may not add due to rounding.

The International Visitors Survey, conducted by the Bureau of Tourism Research, indicates that in 1989 international visitors spent an average of 14.4 nights in Victoria. People on business stayed an average of 7.3 nights, those on holiday stayed an average of 8.9 nights, while those visiting friends and relatives spent an average of 24.4 nights in Victoria.

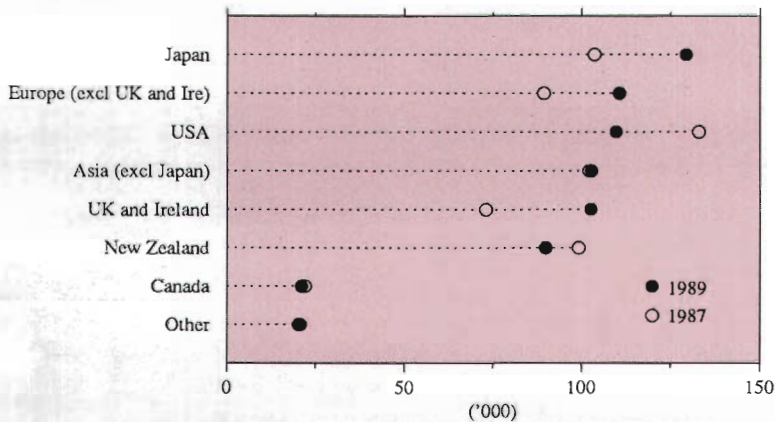
TABLE 6 INTERNATIONAL VISITORS: AVERAGE LENGTH OF STAY IN VICTORIA (NIGHTS), 1989

Asia (excl. Japan)	20.7	U.S.A.	13.7
U.K. & Ireland	19.7	New Zealand	11.1
Canada	17.4	Japan	3.8
Europe (excl. UK and Ire.)	16.7	Average	14.4

Note: Apart from Japan and Europe (excluding UK and Ireland), which remained constant, international visitors have been steadily extending their length of stay in Victoria.

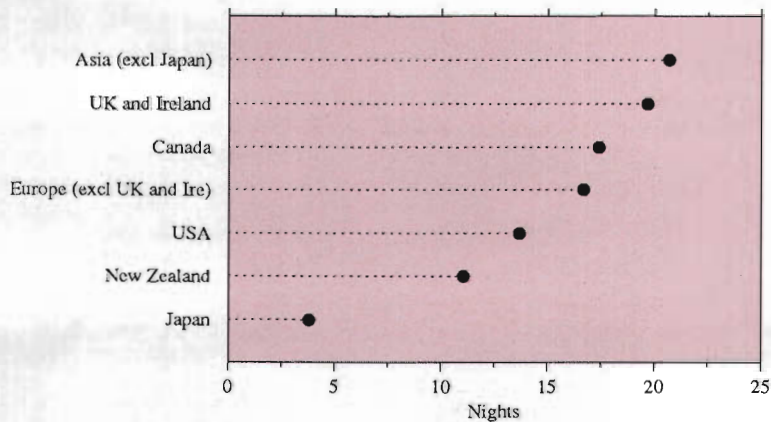
Source: *International Visitors Survey*, Bureau of Tourism Research

INTERNATIONAL VISITORS TO VICTORIA, 1987 AND 1989



Source: *International Visitors Survey*, Bureau of Tourism Research

AVERAGE LENGTH OF STAY IN VICTORIA, INTERNATIONAL VISITORS, 1989



Source: *International Visitors Survey*, Bureau of Tourism Research

TABLE 7 ESTIMATED EXPENDITURE BY INTERNATIONAL VISITORS TO VICTORIA, 1986 AND 1989

Origin	Average expenditure per visitor			Total visitor expenditure		
	1986	1989 (a)	Growth	1986	1989 (a)	Growth
	\$	\$	Per cent	\$m	\$m	Per cent
International -						
USA	485	1,316	171	48	141	193
Asia (excl. Japan)	1,196	1,176	-2	95	119	25
Japan	296	524	77	19	65	234
Canada	528	1,105	109	10	24	147
New Zealand	585	814	39	47	74	56
UK & Ireland	792	940	19	54	95	77
Europe (excl. UK and Ireland)	860	986	15	61	107	77
Other Countries	812	812	-	18	30	63
All Visitors	699	938	34	352	660	88

(a) Based on average expenditure per day in Australia and length of stay in Victoria.

Source: *International Visitors Survey*, Bureau of Tourism Research.

INTERSTATE VISITORS

The majority of interstate visitors to Victoria come from New South Wales and South Australia. In 1988-89, visitors from these States accounted for 76 per cent of all interstate visitors to Victoria. This illustrates that proximity plays an important role when choosing holiday and travel destinations.

TABLE 8 INTERSTATE VISITS TO VICTORIA 1986-87 TO 1988-89 ('000)

	1986-87	Per cent	1987-88	Per cent	1988-89	Per cent
NSW	1,228	47	1,258	47	1,188	47
Qld	308	12	374	14	275	11
SA	693	27	656	25	747	29
WA	150	6	122	5	128	5
Tas.	76	3	86	3	105	4
NT	10	-	22	1	10	-
ACT	141	5	130	5	95	4
Total	2,606	100	2,648	100	2,548	100

Source: *Domestic Tourism Monitor*, Bureau of Tourism Research

INTRASTATE VISITS

Household surveys conducted on behalf of the BTR indicate that Victorians made over 8 million trips within Victoria during 1988-89. Melburnians made 4.5 million trips while residents of country Victoria made 3.4 million trips. To qualify as a trip residents must have stayed away one or more nights and have been a minimum of 40 kilometres away from home.

TABLE 9 INTRASTATE VISITS WITHIN VICTORIA 1986-87 TO 1988-89 ('000)

	1986-87	1987-88	1988-89
Melbourne	4,646	5,489	4,562
Victoria (country)	3,515	3,374	3,450
Total	8,161	8,863	8,012

Source: *Domestic Tourism Monitor*, Bureau of Tourism Research.

VICTORIANS ON HOLIDAY

For the 12 months to May 1989 1,915,300 Victorians aged 15 years or over had a holiday of 4 consecutive nights or more away from their usual residence. People in the 15-24 year age group were the most likely to have taken a holiday, with 63.2 per cent having done some compared to the Victorian average for all persons of 56.6 per cent.

The proportions of men and women who took holidays were very similar, with the 57.3 per cent figure for women only slightly higher than the 55.9 per cent recorded by males. Of the adults who resided in the Melbourne Statistical Division, 56.2 per cent had spent 4 or more nights away from home, compared to 57.5 per cent who lived in the rest of Victoria.

TABLE 10 PERSONS AGED 15 YEARS OR OVER : WHETHER THEY HAD A HOLIDAY AWAY FROM HOME OF FOUR NIGHTS OR MORE DURING THE 12 MONTH PERIOD TO MAY 1989 (a)

	<i>Males</i>	<i>Females</i>	<i>Persons aged 15-24 years</i>	<i>Persons living in Melbourne Statistical Division</i>	<i>Persons living in the rest of Victoria</i>
Had holiday during 12 month period	931,700	983,600	455,900	1,354,800	560,400
No holiday during 12 month period	735,100	734,100	265,800	1,054,100	415,000

(a) Figures rounded to nearest hundred.

Source: *Victorian Social Survey*.

ACCOMMODATION

Tourists use hotels and motels more than any other type of accommodation facility. However when converted to visitor nights, (ie) type of facility used by length of stay, the home of a friend or relative becomes the dominant form of accommodation used.

TABLE 11 TYPE OF ACCOMMODATION USED (VISITOR NIGHTS) IN VICTORIA

	<i>International visitors to Australia, 1989 (a)</i>		<i>Interstate visitors 1988-89</i>		<i>Intrastate visitors 1988-89</i>	
	'000	Per cent	'000	Per cent	'000	Per cent
Hotels/Motels	1,862	18.9	2,329	20.1	2,968	12.2
Hostels	936	9.5	138	1.2	244	1.0
Guest house	59	0.6	163	1.4	318	1.3
Rented house/flat	1,301	13.2	321	2.8	1,259	5.2
Home of friend or relative	4,592	46.6	6,431	55.5	9,472	38.8
Rented farm	39	0.4	243	2.1	389	1.6
Caravan/cabin/tent/ campervan	414	4.2	1,089	9.4	5,438	22.3
Own holiday home	-	-	120	1.0	2,120	8.7
Other	650	6.6	753	6.5	2,177	8.9
Total	9,854	100.0	11,587	100.0	24,384	100.0

(a) Separate data for Victoria is not yet available. It is assumed that these Australian proportions are indicative of the Victorian experience.

Source: *International Visitors Survey and Domestic Tourism Monitor*, Bureau of Tourism Research.

HOSPITALITY SECTOR STATISTICS

The ABS conducted a Service Industries Survey in respect of the 1986-87 financial year. Some comparative statistics for those industries included in the "Hospitality Sector" - the Cafes and Restaurants, Licensed Clubs, Hotels and Bars and Accommodation industries - are provided in Tables 12 and 13.

Growth in the Victorian Hospitality Sector (5 per cent) was less than the national average (8 per cent) during the period 1979-80 to 1986-87. There was a considerable decline in the Licensed Clubs industry (13 per cent) and negligible growth in the Hotels and Bars industry. The accommodation industry grew reasonably strongly (29 per cent).

Of the \$624.5m turnover in the Victorian Cafes and Restaurants industry, \$488.1m comprised takings from meals, \$50.2m came from ready-to-eat take-away food and \$56.2m came from sales of beer, wine and spirits. The balance was made up of takings from accommodation, other retail sales and other revenue.

In 1986-87 the average Cafes and Restaurants industry turnover per capita was about \$150 in Victoria. This compared with about \$260 in the Australian Capital Territory and \$188 in New South Wales.

The Australian Hotels and Bars industry had an estimated employment of about 82,600 persons, of whom 28 per cent (23,000) worked in the industry in Victoria. Based on turnover, the New South Wales industry was only slightly larger than that in Victoria and Queensland. However the Licensed Clubs industry, with which the Hotels and Bars industry is in competition, is very much larger in New South Wales than in all other States combined.

TABLE 12 HOSPITALITY SECTOR : CHANGE IN TURNOVER BETWEEN 1979-80 AND 1986-87, AT AVERAGE 1986-87 PRICES, BY STATE (a)

	<i>Cafes and restaurants industry (ASIC 9231)</i>	<i>Licensed clubs industry (ASIC 9241-3)</i>	<i>Hotels and bars industry (ASIC 9232)</i>	<i>Accommodation (ASIC 9233)</i>	<i>Total hospitality sector</i>
	Per cent				
New South Wales	25.2	-10.7	-15.2	52.3	1.5
Victoria	8.3	-13.3	0.8	28.8	5.1
Queensland	26.3	-1.2	17.8	68.4	24.9
South Australia	18.0	47.7	1.0	35.1	11.5
Western Australia	10.2	3.7	1.6	25.3	7.4
Tasmania	-2.1	-8.7	0.6	-11.1	-3.2
Northern Territory	31.0	46.4	58.8	133.0	71.8
Australian Capital Territory	154.7	55.0	-59.8	35.1	27.4
Australia	20.0	-6.9	-0.4	45.4	8.1

(a) In deriving the statistics in this table, the 1979-80 turnover data have been adjusted to a 1986-87 prices basis, so the change indicated is the extent of "real" change in turnover between 1979-80 and 1986-87.

TABLE 13 HOSPITALITY SECTOR : TURNOVER BY STATE, 1986-87

	<i>Cafes and restaurants industry (ASIC 9231)</i>	<i>Licensed clubs industry (ASIC 9241-3)</i>	<i>Hotels and bars industry (ASIC 9232)</i>	<i>Accommodation (ASIC 9233)</i>	<i>Total hospitality sector</i>
			Sm		
New South Wales	1,059.3	1,863.8	1,207.0	873.7	5,003.8
Victoria	624.5	219.0	1,171.9	422.6	2,438.0
Queensland	351.8	229.6	1,176.2	494.8	2,252.4
South Australia	178.6	85.1	497.3	120.9	881.9
Western Australia	226.4	109.6	469.3	171.6	976.9
Tasmania	47.2	31.6	179.3	62.4	320.5
Northern Territory	26.2	28.1	83.2	75.5	213.0
Australian Capital Territory	69.8	69.3	23.4	60.0	222.5
Australia	2,583.9	2,636.1	4,807.6	2,281.5	12,309.0

TOURIST ACCOMMODATION SURVEY

A quarterly accommodation survey is undertaken by the ABS to provide information about the utilisation of available tourist accommodation. These surveys commenced from the September quarter 1975. Data collected include the available capacity, room occupancy, bed occupancy, and takings from accommodation. Currently, the types of accommodation surveyed are hotels, motels, and guest houses with facilities; caravan parks; and holiday flats, units, and houses.

Accommodation establishments in the snow districts of Victoria, which are located within the North Eastern and Goulburn Statistical Divisions, usually experience high occupancy during the September quarter. Occupancy rates in the Northern Mallee Statistical Division tend to be highest in the cooler months of the June and September quarters. For the remainder of the State, high occupancy occurs during the Christmas school holidays, particularly in the statistical divisions with coastal resorts.

TABLE 14 HOTELS, MOTELS AND GUEST HOUSES WITH FACILITIES: NUMBER OF ESTABLISHMENTS (a), NUMBER OF GUEST ROOMS (a), OCCUPANCY RATES (b) AND TAKINGS (b); BY STATISTICAL DIVISION, VICTORIA

		1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
MELBOURNE STATISTICAL DIVISION							
Establishments	No.	178	179	185	188	212	222
Guest rooms	No.	8,566	8,784	9,582	9,661	10,739	11,576
Room occupancy rate	Per cent	64.2	65.8	62.8	65.3	66.3	61.5
Takings from accommodation	\$'000	107,243	123,783	148,567	190,535	230,528	252,224
BARWON STATISTICAL DIVISION							
Establishments	No.	50	52	57	64	70	70
Guest rooms	No.	993	1,025	1,078	1,148	1,315	1,318
Room occupancy rate	Per cent	45.6	45.5	45.0	45.7	44.5	48.0
Takings from accommodation	\$'000	5,829	6,311	7,025	8,416	10,390	12,637
SOUTH WESTERN STATISTICAL DIVISION							
Establishments	No.	50	52	57	61	71	73
Guest rooms	No.	1,038	1,019	1,057	1,145	1,353	1,403
Room occupancy rate	Per cent	48.0	53.8	47.6	47.0	47.1	45.1
Takings from accommodation	\$'000	5,743	6,923	6,877	7,761	9,690	11,175

TABLE 14 HOTELS, MOTELS AND GUEST HOUSES WITH FACILITIES: NUMBER OF ESTABLISHMENTS (a), NUMBER OF GUEST ROOMS (a), OCCUPANCY RATES (b) AND TAKINGS (b); BY STATISTICAL DIVISION, VICTORIA - *continued*

		1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
CENTRAL HIGHLANDS STATISTICAL DIVISION							
Establishments	No.	38	41	44	44	53	54
Guest rooms	No.	740	839	896	894	1,028	1,056
Room occupancy rate	Per cent	60.8	60.8	55.5	51.5	53.3	53.4
Takings from accommodation	\$'000	5,784	6,671	7,353	7,696	9,658	11,330
WIMMERA STATISTICAL DIVISION							
Establishments	No.	37	37	40	44	46	48
Guest rooms	No.	609	608	687	747	784	825
Room occupancy rate	Per cent	49.3	47.5	47.1	45.6	45.2	45.4
Takings from accommodation	\$'000	3,567	3,777	4,599	5,406	5,865	6,235
NORTHERN MALLEE STATISTICAL DIVISION							
Establishments	No.	50	50	51	52	63	63
Guest rooms	No.	1,367	1,368	1,370	1,402	1,561	1,556
Room occupancy rate	Per cent	56.8	59.0	54.9	51.6	48.1	52.2
Takings from accommodation	\$'000	9,691	10,676	10,581	11,082	12,101	14,172
LODDON - CAMPASPE STATISTICAL DIVISION							
Establishments	No.	61	59	62	68	89	90
Guest rooms	No.	985	969	1,013	1,147	1,548	1,546
Room occupancy rate	Per cent	55.0	55.8	53.0	49.9	46.5	48.9
Takings from accommodation	\$'000	6,664	7,190	7,333	8,810	12,001	14,306
GOULBURN STATISTICAL DIVISION							
Establishments	No.	69	71	77	77	112	116
Guest rooms	No.	1,197	1,194	1,342	1,352	2,033	2,155
Room occupancy rate	Per cent	42.2	42.8	43.3	41.1	39.2	40.3
Takings from accommodation	\$'000	6,462	7,178	8,096	8,774	12,446	16,501
NORTH EASTERN STATISTICAL DIVISION							
Establishments	No.	75	76	77	77	98	100
Guest rooms	No.	1,424	1,428	1,423	1,479	1,931	1,954
Room occupancy rate	Per cent	40.1	43.1	46.2	45.8	44.4	45.3
Takings from accommodation	\$'000	8,370	9,852	10,714	10,542	13,335	16,929
EAST GIPPSLAND STATISTICAL DIVISION							
Establishments	No.	51	54	59	60	64	63
Guest rooms	No.	1,011	1,065	1,110	1,117	1,187	1,158
Room occupancy rate	Per cent	50.3	49.3	47.1	47.3	48.6	49.2
Takings from accommodation	\$'000	6,256	6,763	7,144	8,010	9,115	9,879
CENTRAL GIPPSLAND STATISTICAL DIVISION							
Establishments	No.	38	39	41	40	55	57
Guest rooms	No.	717	737	774	727	1,030	1,053
Room occupancy rate	Per cent	41.3	39.3	36.3	34.5	37.4	39.3
Takings from accommodation	\$'000	3,240	3,182	3,345	3,350	5,510	6,525

TABLE 14 HOTELS, MOTELS AND GUEST HOUSES WITH FACILITIES: NUMBER OF ESTABLISHMENTS (a), NUMBER OF GUEST ROOMS (a), OCCUPANCY RATES (b) AND TAKINGS (b); BY STATISTICAL DIVISION, VICTORIA - continued

		1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
EAST CENTRAL STATISTICAL DIVISION							
Establishments	No.	30	30	32	30	22	22
Guest rooms	No.	583	609	606	555	416	438
Room occupancy rate	Per cent	39.3	38.0	37.2	41.4	46.2	41.1
Takings from accommodation	\$'000	3,203	3,213	3,487	4,062	3,990	3,468
TOTAL VICTORIA							
Establishments	No.	727	740	782	805	955	978
Guest rooms	No.	19,230	19,645	20,938	21,374	24,925	26,038
Room occupancy rate	Per cent	55.5	56.5	54.5	54.9	54.6	53.0
Takings from accommodation	\$'000	172,049	195,522	225,120	274,447	334,629	375,381

(a) Number of establishments and number of guest rooms as at 30 June of each year.

(b) Room occupancy rates and takings from accommodation represent the average and total respectively, for each twelve month period.

BUILDING ACTIVITY

The following statistics relate to building activity related to tourism. The figures include construction of new buildings and alterations and additions to existing buildings. A complete enumeration is done of all non-residential building jobs with an approval value of \$30,000 or more.

TABLE 15 SUMMARY OF BUILDING ACTIVITY - HOTELS ETC (a) VICTORIA

	<i>Value (\$m)</i>		<i>Total</i>
	<i>Melbourne Statistical Division</i>	<i>Rest of Victoria</i>	
Commenced			
1987-88	47.7	46.3	94.0
1988-89	315.1	34.2	349.3
1989-90	60.2	52.2	112.4
Under Construction at End of Period			
1987-88	169.6	48.8	218.4
1988-89	324.1	56.7	380.8
1989-90	315.9	35.5	351.4
Completed			
1987-88	33.7	45.7	79.4
1988-89	184.9	56.6	241.5
1989-90	92.9	71.9	164.8
Value of Work done During Period			
1987-88	69.5	55.2	124.7
1988-89	166.1	78.3	244.4
1989-90	168.1	50.5	218.6
Value of Work Yet To Be Done			
1987-88	79.4	26.6	106.0
1988-89	252.7	13.0	265.7
1989-90	169.3	15.2	184.5

(a) Hotels, etc. includes motels, hostels, boarding houses, guest houses and holiday apartment building.

VICTORIAN TOURIST ATTRACTIONS

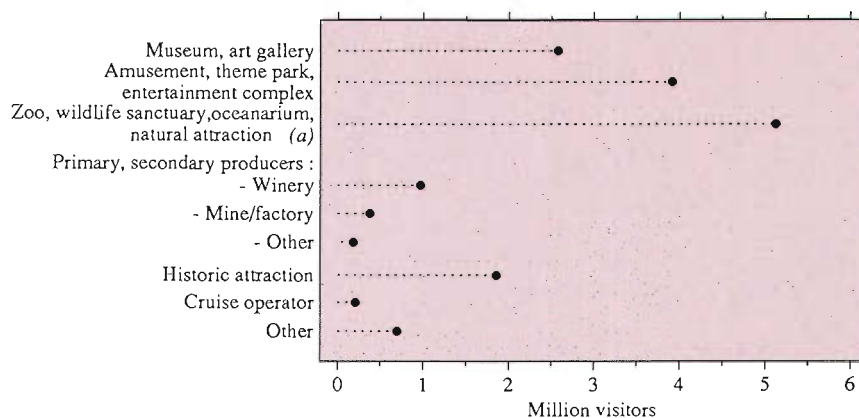
The following tables present statistics from the Tourist Attractions Survey conducted by the ABS in respect of 1986-87. This survey was part of the Selected Services Industries Collection.

The major findings of the survey were as follows:

- 345 Victorian attractions were included in the survey, of which 214 (62 per cent) charged admission fees or fares. They employed almost 3,300 staff, 82 per cent of whom worked at attractions which charged admission fees or fares.
- The attractions surveyed generated almost 16 million visits in 1986-87 (excluding visitors to National Parks). Most of these visitors were to attractions which charged admission fees or fares - such attractions received almost \$30 million in admission charges or fees in 1986-87.
- Almost half (45 per cent) of the staff employed in Victorian Tourist Attractions worked on a part-time basis, and most of these were casual staff.
- Voluntary workers provide a sizeable part, and in some cases all, the workforce for many tourist attractions. While there are no statistics available on the extent of the voluntary workforce, for the Victorian attractions surveyed, 47 per cent (100) of those which charged admission fees and 28 per cent (37) of those which did not, relied to some extent on the use of voluntary workers.
- Over \$23 million in capital expenditure was spent on Victorian Tourist Attractions surveyed in 1986-87.
- For the aggregate of all Victorian Tourist Attractions surveyed, the peak visitor month was January, followed by April, with July, February and August the months with the lowest number of visitors. The seasonality of visits to the different categories of attractions varied somewhat from one to another.
- Of the 345 attractions surveyed, 23 per cent were opened after 1980 and 60 per cent were opened since 1970.
- \$39 million (or 34 per cent) of the gross income of the attractions surveyed came from government sources, including the amounts required for funding of government operated attractions.

The chart below shows the number of visitors in 1986-87 to the attractions in Victoria which were included in the survey, by type of attraction.

TOURIST ATTRACTIONS, NUMBER OF VISITORS BY TYPE OF ATTRACTION, VICTORIA, 1986-87



(a) Excludes visitors to National Parks.

TABLE 16 TOURIST ATTRACTIONS: ATTRACTIONS FOR WHICH ADMISSION FEE CHARGED AND NOT CHARGED, VICTORIA, 1986-87

Type of attraction	Number of attractions surveyed	Total visitors (a)	Employment at end June	Expenses		Total income	Capital Expenditure		
				Wages and salaries	Other		Gross	Disposals	Net
	No.	'000	No.	'000	'000	'000	'000	'000	'000
Attractions for which admission fee charged									
Museum, art gallery	67	2,417	600	11,760	12,296	25,886	6,972	7	6,965
Amusement, theme park entertainment complex	26	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Zoo, wildlife sanctuary, oceanarium, natural attraction	39	2,369	520	8,480	5,876	15,406	2,814	65	2,749
Primary, secondary producers - Winery	-	-	-	-	-	-	-	-	-
Mine, factory, other	19	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Historic attraction	43	1,500	227	2,692	2,689	7,392	1,320	-	1,320
Cruise operator	9	302	57	828	1,373	2,131	n.p.	n.p.	n.p.
Other	11	279	49	393	386	850	106	-	106
Total	214	11,087	2,683	40,429	50,518	95,867	19,923	618	19,305
Attractions for which admission fee not charged									
Museum, art gallery	19	162	38	434	515	1,002	208	-	208
Amusement, theme park Entertainment complex	1	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Zoo, wildlife sanctuary, oceanarium, natural attraction	43	2,755	280	4,336	1,308	6,913	1,256	-	1,256
Primary, secondary producers - Winery	31	966	162	1,429	4,795	7,716	911	18	893
Mine, factory, other	14	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Historic attraction	12	355	19	190	40	233	17	-	17
Cruise operator	-	-	-	-	-	-	-	-	-
Other	11	419	64	649	1,314	2,014	223	-	223
Total	131	4,806	582	7,087	8,253	18,738	3,142	18	3,124

(a) Excludes visitors to national parks.

TABLE 17 TOURIST ATTRACTIONS : CAPITAL EXPENDITURE AND DISPOSALS, VICTORIA, 1986-87
(^{'000})

Type of attraction	Gross expenditure			Net expenditure
	Land, buildings other structures	Vehicles, plant, machinery, equipment	Disposals	
Museum, art gallery	6,169	1,010	7	7,172
Amusement, theme park entertainment complex	1,618	7,256	96	8,779
Zoo, wildlife sanctuary, oceanarium, natural attraction	3,362	708	65	4,005
Primary, secondary producers -				
Winery	754	157	18	893
Mine, factory	n.p.	n.p.	n.p.	n.p.
Other	45	7	1	50
Historic attraction	900	437	-	1,337
Cruise operator	n.p.	n.p.	n.p.	n.p.
Other	36	294	-	329
Total	12,990	10,074	635	22,429
Of which -				
New assets	10,089	6,040	-	16,129
Land and secondhand assets	2,901	4,034	635	6,300

TABLE 18 TOURIST ATTRACTIONS : TOTAL EMPLOYMENT, VICTORIA, END JUNE 1987
(number)

Type of attraction	Number of attractions surveyed(a)	Partners/ proprietors	Permanent employees	Casual employees	Full-time employment	Part-time employment	Male employment	Female employment	Total employment
Museum, art gallery	50	22	515	101	476	162	351	287	638
Amusement, theme park Entertainment complex	25	9	562	597	464	704	643	525	1,168
Zoo, wildlife sanctuary, oceanarium, natural attraction	76	31	551	218	573	227	545	255	800
Primary, secondary producers -									
Winery	27	15	56	91	82	80	72	90	162
Mine, factory	10	11	24	10	23	22	19	26	45
Other	16	25	3	8	20	16	16	20	36
Historic attraction	36	11	113	122	99	147	128	118	246
Cruise operator	8	5	27	25	26	31	29	28	57
Other	18	16	53	44	43	70	64	49	113
Total	266	145	1,904	1,216	1,806	1,459	1,867	1,398	3,265

(a) Includes only those attractions which were run by proprietors or employed staff. Many attractions are operated solely by voluntary workers and are therefore not included in this table. Attractions which did not employ staff at end June 1987, e.g. due to seasonal closedowns, are also excluded from this table.

TABLE 19 TOURIST ATTRACTIONS : DETAILS OF OPERATIONS BY TYPE OF ORGANISATION (a), VICTORIA, 1986-87

Type of organisation	Number of attractions surveyed	Employment at end June	Total visitors (b)	Income				Expenses				Net capital expenditure	
				Admissions and fares	Concession fees	Government sources	Other income	Total	Wages and salaries	Advertising	Other expenses		Total
	No.	No.	'000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
Federal Government Authority	5	3	71	23	-	92	101	216	86	6	90	181	17
State Government Authority	64	1,783	8,434	14,478	1,497	33,616	22,210	71,799	33,102	561	34,462	68,125	13,543
Local Government Authority	32	260	1,600	1,855	85	2,228	1,939	6,108	3,105	278	2,422	5,805	808
Other (c)	244	1,219	5,789	13,498	585	2,841	19,558	36,483	11,222	1,661	19,292	32,176	8,062
Total	345	3,265	15,893	29,854	2,166	38,776	43,809	114,605	47,515	2,506	56,265	106,287	22,429

(a) The classification applies to the organisation which *manages* the attraction, not to the organisation which *owns* the attraction.

(b) Excludes visitors to national parks.

(c) Includes private sector companies and attractions operated by sole proprietors, partnerships and trusts, voluntary and non-profit associations, etc.

TABLE 20 TOURIST ATTRACTIONS : DETAILS OF OPERATIONS BY VISITOR NUMBERS SIZE RANGES, VICTORIA, 1986-87

1986-87 Annual visitor numbers size ranges	Number of attractions surveyed	Employment at end June	Total visitors (a)	Income				Expenses				Net capital expenditure	
				Admissions and fares	Concession fees	Government sources	Other income	Total	Wages and salaries	Advertising	Other expenses		Total
'000	No.	No.	'000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
Up to 1	48	23	22	22	-	158	80	259	35	10	123	168	37
>1-10	99	237	439	816	19	359	2,327	3,521	977	166	2,300	3,443	4,697
>10-20	61	163	842	1,389	14	1,027	1,832	4,262	1,546	154	2,433	4,134	908
>20-50	64	311	1,858	3,104	63	2,698	5,821	11,687	4,091	518	6,223	10,833	970
>50-1000	33	364	2,023	4,498	233	2,451	3,823	11,006	4,733	444	4,179	9,356	1,120
>100-500	36	1,140	5,840	10,941	586	13,914	13,772	39,214	16,400	912	16,301	33,614	4,826
Over 500	4	1,027	4,869	9,085	1,251	18,169	16,153	44,657	19,732	302	23,706	44,739	9,870
Total	345	3,265	15,893	29,854	2,166	38,776	43,809	114,605	47,515	2,506	56,265	106,287	22,429

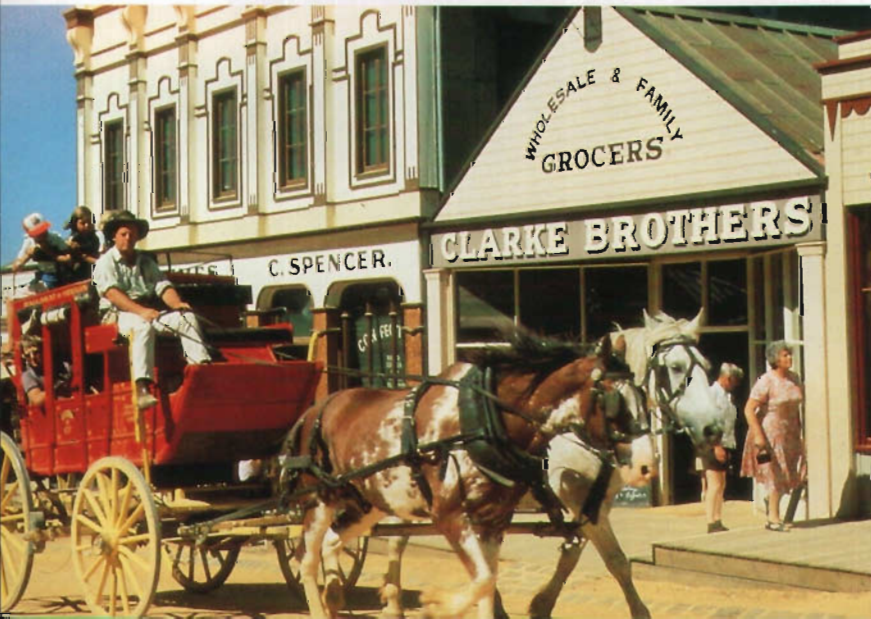
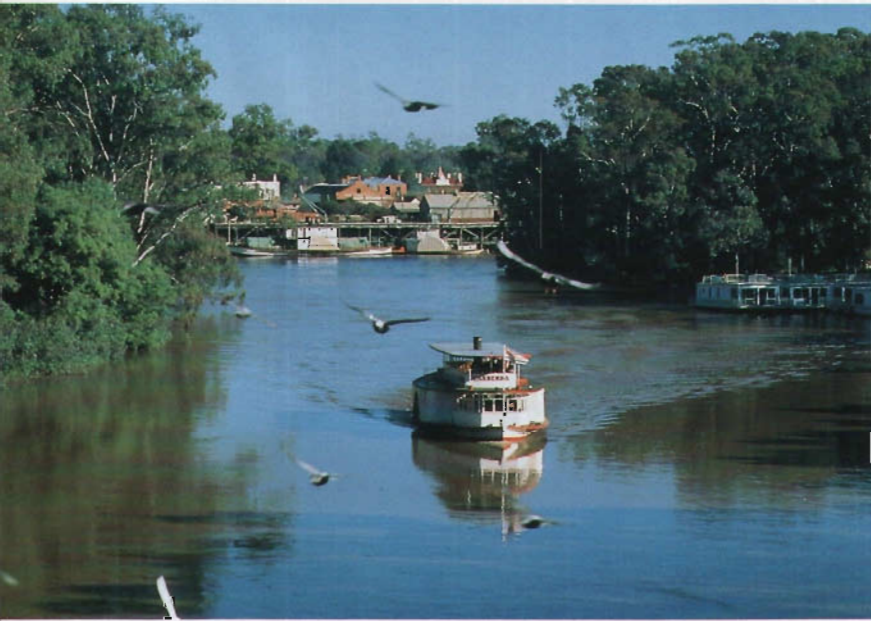
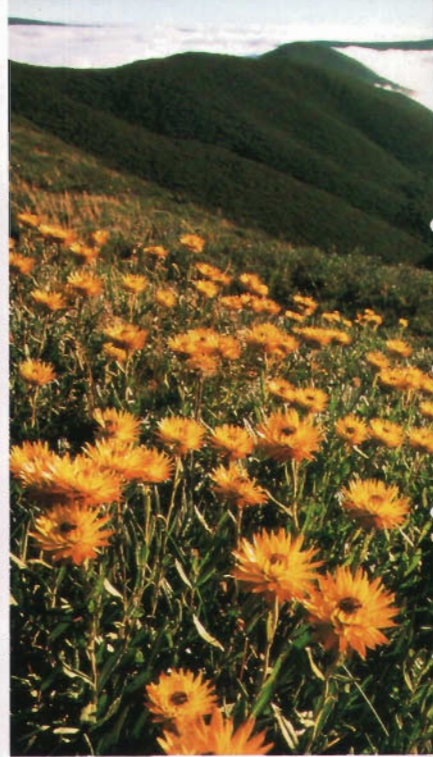
(a) Excludes visitors to national parks.



Forest in south-east Victoria. (*Victorian Tourism Commission*)

The Victorian Arts Centre by night. (*Melbourne Tourism Authority*)







Clockwise from right-
Paynesville, in the centre of the
Gippsland Lakes system

An outdoor fruit and vegetable stall,
Melbourne

View from the lookout at the Mt Buffalo
Chalet
(Victorian Tourism Commission)

Australian Motorcycle Grand Prix event
at Phillip Island

Sovereign Hill, an historical gold mining
township at Ballarat

P.S. Canberra on the Murray River at
Echuca
(Melbourne Tourism Authority)

A tranquil scene on the Yarra River

Everlasting flowers in bloom in the High
Country
(Victorian Tourism Commission)

Centre: The Fairy Penguins Reserve at
Phillip Island
(Melbourne Tourism Authority)





VICTORIA'S NATIONAL PARKS

Top - Shining Gum - Errinundra National Park

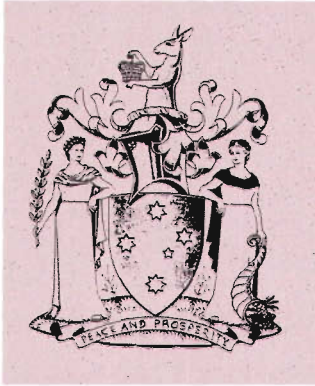
Right - Wilsons Promontory National Park

Below - Victoria Gap - Grampians National Park

(Conservation and Environment)



1 Geography and Government



GEOGRAPHY

Geographic position and area

The most southerly point of Wilsons Promontory, latitude $39^{\circ} 08'$ S., longitude $146^{\circ} 22' 30''$ E., is the southernmost point of the mainland of Victoria and similarly of the mainland of Australia; the northernmost point is where the western boundary of the State meets the Murray River, latitude $33^{\circ} 59'$ S., longitude $140^{\circ} 58'$ E; the point furthest east is Cape Howe, situated in latitude $37^{\circ} 31'$ S., longitude $149^{\circ} 58'$ E. The westerly boundary lies upon the meridian $140^{\circ} 58'$ E., and extends from latitude $33^{\circ} 59'$ S. to latitude $38^{\circ} 04'$ S., a distance of 451 kilometres.

Victoria covers an area of about 227,600 square kilometres. It is therefore slightly smaller than Great Britain which (if inland water is included) contains 229,900 square kilometres.

TABLE 1.1 AREA OF STATES AND TERRITORIES

State or Territory	Area in square kilometres	Length of coastline in kilometres	Percentage of total area
Western Australia	2,525,500	12,500	32.88
Queensland	1,727,200	7,400	22.48
Northern Territory	1,346,200	6,200	17.52
South Australia	984,000	3,700	12.81
New South Wales	801,600	1,900	10.44
Victoria	227,600	1,800	2.96
Tasmania	67,800	3,200	0.88
Australian Capital Territory	2,400	35	0.03
Australia	7,682,300	36,735	100.00

Coastline

The Victorian coastline comprises many types of environments. Broad sandy beaches and impressive cliffed headlands along the ocean coast contrast with mangrove-fringed mudflats and marshland of the sheltered embayments and estuaries. There are approximately 1,300 kilometres of ocean coast between Cape Howe and the South Australian border; in addition three large embayments — Port Phillip Bay (270 kilometres), Western Port Bay (150 kilometres), and Corner Inlet (80 kilometres) — partially enclose protected waters where most of the ports and harbours are situated.

Physical divisions

The chief physical divisions of Victoria are shown on page 18. Each of these divisions has certain physical features (elevation, geological structure, climate, and soils) which distinguish it from the others.

1. Murray Basin Plains:
 - (a) The Mallee
 - (b) The Riverine Plains
 - (c) The Wimmera
2. Central Highlands:
 - A. The Eastern Highlands
 - B. The Western Highlands:
 - (a) The Midlands
 - (b) The Grampians
 - (c) The Dundas Tablelands
3. Western District Plains:
 - (a) The Volcanic Plains
 - (b) The Coastal Plains
4. Gippsland Plains:
 - (a) The East Gippsland Plains
 - (b) The West Gippsland Plains
5. Southern Uplands:
 - (a) The Otway Ranges
 - (b) The Barrabool Hills
 - (c) The Mornington Peninsula
 - (d) The South Gippsland Highlands
 - (e) Wilsons Promontory

The following table lists Victoria's highest mountains:

TABLE 1.2 HEIGHT OF SELECTED MOUNTAINS, VICTORIA
(metres)

<i>Mountain</i>	<i>Height</i>	<i>Mountain</i>	<i>Height</i>
Bogong	1,986	Niggerhead	1,843
Feathertop	1,922	Mckay	1,843
Nelse North	1,883	Cobberas No. 1	1,838
Fainter South	1,877	Cope	1,837
Loch	1,874	Spion Kopje	1,836
Hotham	1,861	Buller	1,804

REGIONS

Statistical divisions

In 1974 Victoria was divided into twelve statistical divisions, the standard Australian Bureau of Statistics regions, which were combinations of legal local government areas forming coherent socio-economic zones.

These statistical divisions correspond with the regions adopted by the Victorian Government in October 1981 except in the cases of the Metropolitan region and, because of consequential effects, the Central Highlands and Loddon-Campaspe regions. The Victorian Government's Metropolitan region comprises the Melbourne and East Central Statistical Divisions, and the Shires of Bacchus Marsh and Gisborne. Statistical divisions are subject to change.

Australian Standard Geographical Classification (ASGC)

Since January 1986, ABS geographical divisions and nomenclature have been based on the Australian Standard Geographical Classification (ASGC). Each geographic area (or spatial unit) in the classification (such as the Melbourne Statistical Division) constitutes a particular 'category' of the classification, and all spatial units of a particular type which together cover a defined area, e.g. all statistical divisions in Australia, constitute a particular 'hierarchy level' of the classification.

Statistical districts

For statistical purposes, certain areas comprising statistical local areas or parts thereof have been designated statistical districts. In Victoria, these are the Albury-Wodonga, Ballarat, Bendigo, Geelong, Morwell, and Shepparton-Mooroopna Statistical Districts.

CLIMATE

General conditions

The major topographical determinant of the climate is the Great Dividing Range, running east-west across the State, and rising to nearly 2,000 metres in the eastern half. This acts as a barrier to the moist south-east and south-west winds and together with its proximity to the coast, causes the south of the State to receive more rain than the north.

To the south of Victoria, except for Tasmania and its islands, there is no land for 3,000 kilometres. This vast area of ocean has a moderating influence on Victoria's climate in winter. Snow, which is a common winter occurrence at similar latitudes on the eastern seaboard of the great land masses of the northern hemisphere, is rare in Victoria below elevations of 600 metres. To the north of Victoria, the land mass of Australia becomes very hot in the summer, and on several days at this time of year the temperature over the State may rise to between 35°C and 40°C, often with a strong northerly wind.

Climate in Melbourne

The proximity of Port Phillip Bay bears a direct influence on the climate of the metropolitan area. The hottest months in Melbourne are normally January and February, when the average maximum temperature is 26°C. Inland, Watsonia has an average of 27°C, while along the Bay, Aspendale and Black Rock, subject to any sea breeze, have an average of 25°C. This difference does not persist throughout the year, however, and in July average maxima at most stations are within 1°C of one another at approximately 13°C. The hottest day on record in Melbourne was 13 January 1939, when the temperature reached 45.6°C. This is the second highest temperature ever recorded in an Australian capital city. In Melbourne, the average number of days per year with maxima over 35°C is about nine, but there were twenty-five in the summer of 1897-98 and there has been only one year with no occurrence, namely 1984. The average annual number of days over 30°C is approximately twenty-nine.

Nights are coldest at places a considerable distance from the sea, and away from the city where heat retention by buildings, roads, and pavements may maintain the air at a slightly higher temperature. The lowest temperature ever recorded in the city was -2.8°C on 21 July 1869, and the highest minimum ever recorded was 30.6°C on 1 February 1902.

In Melbourne the overnight temperature remains above 20°C on about four nights per year. During the early years of record, temperatures below 0°C were recorded during most winters. However, over more recent years, the urban 'heat island' effect has resulted in such low temperatures occurring only once in two years on average. Minima below -1°C have been experienced during the months of May to August, while even as late as October extremes have been down to 0°C. During the summer, minima have never been below 4°C.

Wide variations in the frequencies of occurrences of low air temperatures are noted across the Melbourne metropolitan area. For example, there are approximately ten annual occurrences of 2°C or less around the Bay, but frequencies increase to over twenty in the outer suburbs and probably to over thirty a year in the more frost susceptible areas. The average frost-free period is about 200 days in the outer northern and eastern suburbs, gradually increasing to over 250 days towards the city, and approaching 300 days along parts of the bayside.

The means of the climatic elements for the seasons in Melbourne, computed from all available official records, are given in Table 1.3.

Rainfall

The average annual number of days of rain (0.2mm or more in 24 hours) is over 150 on the West Coast and in West Gippsland, and exceeds 200 over the Otway Ranges. The average number of wet days a year is reduced to 100 at a distance of approximately 160 kilometres inland from the coast. The distribution of rainfall in Victoria by districts is given in Table 1.4.

Distribution of average rainfall in Victoria is shown in Figure 1 on page 21. Average rainfall ranges from 250mm for the driest parts of the Mallee to 2,600mm at Falls Creek in the Alps.

TABLE 1.3 MEANS OF CLIMATIC ELEMENTS, MELBOURNE

Meteorological element	Spring	Summer	Autumn	Winter
Mean atmospheric pressure (hectopascals)	1,015.0	1,013.2	1,018.3	1,018.5
Mean maximum temperature of air in shade (°C)	19.5	25.1	20.2	14.0
Mean minimum temperature of air in shade (°C)	9.4	13.7	10.8	6.3
Mean relative humidity at 9 a.m. (per cent, saturation = 100)	64	61	72	79
Mean rainfall (mm)	186	154	168	149
Mean number of days of rain	40	25	34	44
Mean amount of evaporation (mm) (a)	359	564	278	1438
Mean daily amount of cloudiness (scale 0 to 8) (b)	4.9	4.2	4.8	5.2
Mean daily hours of sunshine (c)	6.6	8.4	5.6	4.5
Mean number of days of fog	1.4	0.6	5.8	10.3

(a) Measured by Class A Pan (records commenced 1967).

(b) Scale: 0 = clear, 8 = overcast.

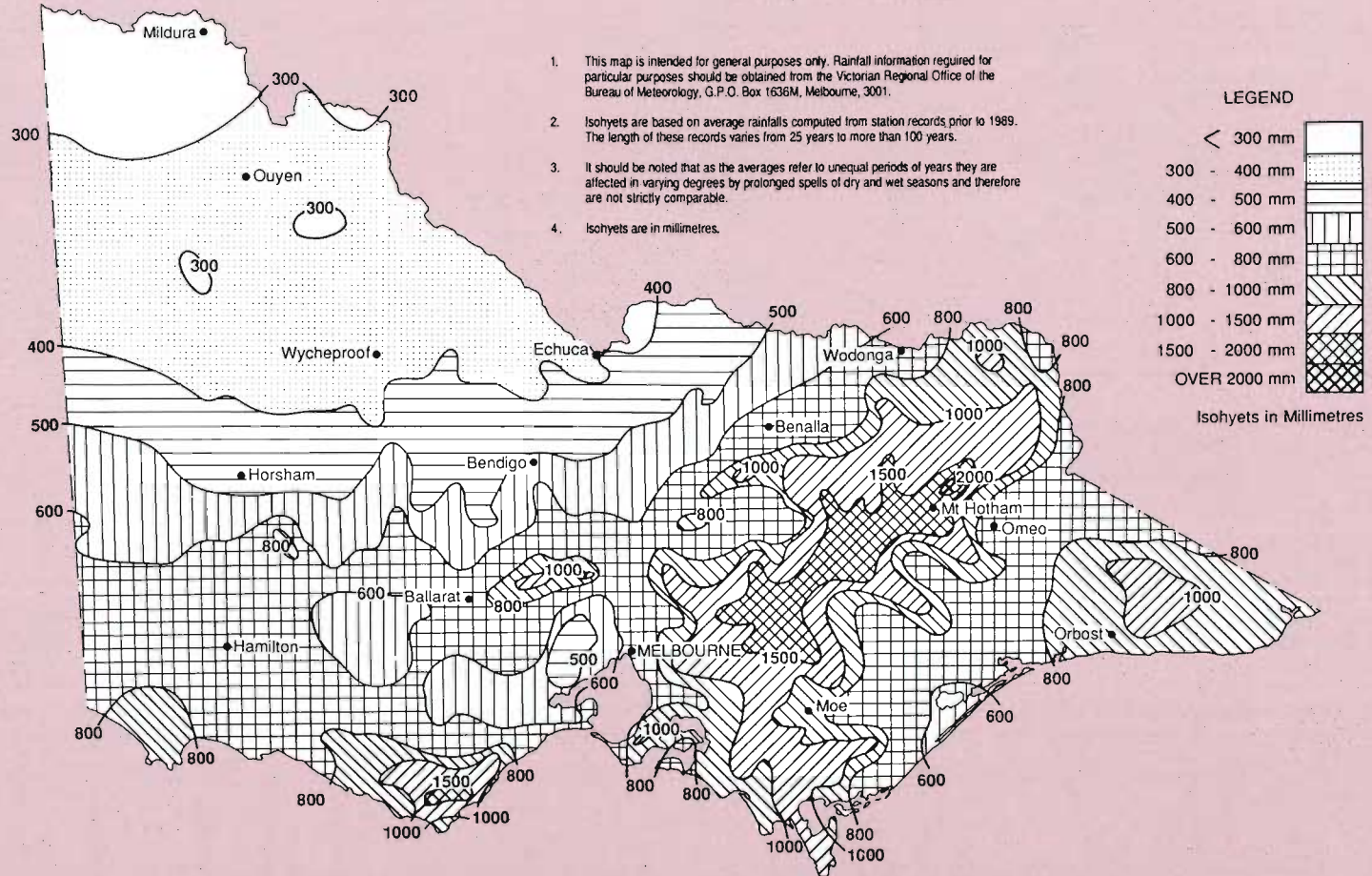
(c) Measured at Laverton (records commenced 1968).

TABLE 1.4 RAINFALL IN DISTRICTS, VICTORIA
(mm)

District	Year						Average (a)
	1984	1985	1986	1987	1988	1989	
North Mallee	260	270	357	316	348	358	309
South Mallee	283	316	414	378	408	429	354
North Wimmera	337	391	415	400	441	431	413
South Wimmera	498	440	616	547	630	568	503
Lower North	407	400	420	364	537	519	435
Upper North	485	492	516	452	634	613	518
Lower Northeast	793	769	910	688	954	927	779
Upper Northeast	932	1,023	1,289	1,068	1,341	1,334	1,106
East Gippsland	819	1,062	576	639	868	910	778
West Gippsland	920	953	959	828	982	999	915
East Central	851	892	965	859	931	1,094	891
West Central	536	646	611	690	635	741	613
North Central	719	751	858	815	920	932	729
Western Plains	613	612	659	634	592	641	631
West Coast	792	814	849	724	760	858	776

(a) Average for 77 years 1913 to 1989.

AVERAGE ANNUAL RAINFALL



1. This map is intended for general purposes only. Rainfall information required for particular purposes should be obtained from the Victorian Regional Office of the Bureau of Meteorology, G.P.O. Box 1636M, Melbourne, 3001.
2. Isohyets are based on average rainfalls computed from station records prior to 1989. The length of these records varies from 25 years to more than 100 years.
3. It should be noted that as the averages refer to unequal periods of years they are affected in varying degrees by prolonged spells of dry and wet seasons and therefore are not strictly comparable.
4. Isohyets are in millimetres.

LEGEND

< 300 mm	
300 - 400 mm	
400 - 500 mm	
500 - 600 mm	
600 - 800 mm	
800 - 1000 mm	
1000 - 1500 mm	
1500 - 2000 mm	
OVER 2000 mm	

Isohyets in Millimetres

Figure 1. Average annual rainfall of Victoria

Source: Bureau of Meteorology

GOVERNMENT

The system of government in Victoria provides for responsible Cabinet government based on a legislature of two Houses, the Legislative Assembly (Lower House) and the Legislative Council (Upper House), both elected by Australian citizens over the age of 18. Voting is compulsory.

The Constitution

From 1855 until 1975, the Constitution of Victoria was contained in the Schedule to an Act of the United Kingdom in 1855, but Victoria finally adopted a Constitution of its own with the *Constitution Act* 1975.

Under the Victorian Constitution, the ultimate executive power is vested in the Crown, and is exercised by the Governor as the Monarch's representative. The Governor is the titular head of the government, while the Premier is the effective head of government. Further information on the powers and function of the Governor may be found on page 60 of the *Victorian Year Book* 1986.

The Constitution is affected by the Commonwealth Constitution enacted by the *Commonwealth of Australia Constitution Act* 1900, an act of the Imperial Parliament, by which legislative and executive powers upon certain specified matters were granted to the Commonwealth Parliament and the Commonwealth Government, some of them exclusively, and provision was made that, in case of inconsistency of valid laws, the Commonwealth law should prevail.

Victorian Government responsibilities

The Victorian Government is responsible for such things as health, education, law enforcement, administration of justice, the control of resources, and the provision of roads, water, sewerage, power, and other services. Under Victorian law a complete system of courts, a police force, a teaching service, and many statutory bodies have been established.

Victorian government departments and statutory authorities

Victorian government departments and statutory authorities administer legislation, implement government policy, provide policy advice to government, and supply goods and services to the people of Victoria.

Information concerning Victorian government departments and statutory authorities may be found in previous editions of the *Victorian Year Book*. More recent information may be found in the *Victorian Government Directory*, which is compiled by Information Victoria - Ministry of Ethnic, Municipal and Community Affairs.

Victorian representation in the Commonwealth Parliament

The federation of the Australian colonies formally commenced on 1 January 1901. The House of Representatives was seen as representing the people and directly chosen by the people for a maximum three year term on single Member constituencies. The Senate was seen as representing the rights of the States, and Senators are appointed for a six year term with half of them retiring every three years. Senators are chosen directly by the people on a single State wide electorate and on a proportional representation system.

Since the 1984 electoral redistribution Victoria has had 39 members in the House of Representatives, and 12 Senators.

TABLE 1.5 ELECTORS ON JOINT ROLLS, VICTORIA, 30 JUNE

<i>Year</i>	<i>Number of electors enrolled</i>	<i>Year</i>	<i>Number of electors enrolled</i>
1985	2,630,653	1988	2,680,181
1986	2,601,091	1989	2,773,200
1987	2,702,932	1990	2,805,773

Source: Australian Electoral Commission

Ministry

A simultaneous election for the Legislative Council and the Legislative Assembly of the Victorian Parliament was held on 1 October 1988. The Australian Labour Party, under the leadership of the Hon. John Cain, was elected to office. On 10 August 1990, following Mr Cain's resignation the Hon. Joan Kirner became the first female Premier of Victoria. Her first Ministry, and Victoria's 66th, was reshuffled in January 1991. The Ministry consisted of the following members as at 1 February 1991.

LEGISLATIVE ASSEMBLY

The Hon. Joan Kirner	Premier and Minister responsible for Women's Affairs
The Hon. Jim Kennan	Deputy Premier, Attorney-General, Minister for the Arts and Minister for Major Projects
The Hon. Ian Baker	Minister for Agriculture
The Hon. Steve Crabb	Minister for Tourism and Minister for Conservation and Environment
The Hon. Andrew McCutcheon	Minister for Planning and Housing
The Hon. Neil Pope	Minister for Labour
The Hon. Tom Roper	Treasurer
The Hon. Barry Rowe	Minister for Small Business
The Hon. Mal Sandon	Minister for Police and Emergency Services and Minister for Corrections
The Hon. Kay Setches	Minister for Community Services and Minister responsible for Child Care
The Hon. Tony Sheehan	Minister for Finance
The Hon. Peter Spyker	Minister for Transport
The Hon. Neil Trezise	Minister for Sport and Recreation

LEGISLATIVE COUNCIL

The Hon. David White	Minister for Manufacturing and Industry Development and Minister responsible for Ports
The Hon. Caroline Hogg	Minister for Ethnic, Municipal and Community Affairs
The Hon. Maureen Lyster	Minister for Health
The Hon. Brian Mier	Minister for Consumer Affairs and Minister for Aboriginal Affairs
The Hon. Barry Pullen	Minister for Education and Training

MINISTRIES, VICTORIA 1943 TO 1990 (a)

<i>Ministry and name of Premier</i>	<i>Date of assumption of office</i>	<i>Date of retirement from office</i>	<i>Duration of office (days)</i>
Albert Arthur Dunstan	18 September 1943	2 October 1945	746
Ian Macfarlan, K.C.	2 October 1945	21 November 1945	51
John Cain	21 November 1945	20 November 1947	730
Thomas Tuke Hollway	20 November 1947	3 December 1948	380
Thomas Tuke Hollway	3 December 1948	27 June 1950	572
John Gladstone Black McDonald	27 June 1950	28 October 1952	855
Thomas Tuke Hollway	28 October 1952	31 October 1952	3
John Gladstone Black McDonald	31 October 1952	17 December 1952	48
John Cain	17 December 1952	31 March 1955	835
John Cain	31 March 1955	7 June 1955	69
Henry Edward Bolte, G.C.M.G.	7 June 1955	23 August 1972	6,288
Rupert James Hamer, E.D.	23 August 1972	5 June 1981	3,209
Lindsay Hamilton			
Simpson Thompson, C.M.G.	5 June 1981	8 April 1982	299
John Cain (b)	8 April 1982	10 August 1990	3,046
Joan Elizabeth Kirner	10 August 1990	still in office	

(a) A complete list since responsible government in 1855 can be found on pages 741-2 of the *Victorian Year Book 1984*.

(b) The Hon. John Cain is the son of the Hon. John Cain who held the office of Premier on three occasions between 1945 and 1955.

Local government administration

At 30 June 1989, Victoria was divided, for local government purposes, into 210 municipal districts and the Yallourn Works Area, which was severed from the municipal districts of which it then formed a part by the *State Electricity Commission (Yallourn Area) Act 1947*. For certain purposes it is deemed to be a borough and municipal administration is the responsibility of the Commission, assisted by an Advisory Council. The 210 municipalities comprise 68 cities, 1 rural city, 5 towns, 6 boroughs, and 130 shires.

The only unincorporated areas of Victoria are French Island (154 square kilometres) in Western Port, Lady Julia Percy Island (1.3 square kilometres) off Port Fairy, Bass Strait islands (3.8 square kilometres), Gippsland Lakes (part) (309 square kilometres), and Tower Hill Lake Reserve (5.0 square kilometres) which is within the Shire of Warrambol.

Councils may make by-laws on a number of specified subjects. They exercise functions relating to roads and bridges, for which they have a construction and maintenance responsibility; drainage, water supply and sewerage; building control; community welfare, including infant and pre-school centres, home help, elderly citizens, meals-on-wheels and garbage; parking areas and traffic engineering.

TABLE 1.6 RATEABLE PROPERTIES, VICTORIA, 30 SEPTEMBER

<i>Year</i>	<i>Number of rateable properties</i>	<i>Year</i>	<i>Number of rateable properties</i>
1984	1,716,533	1987	1,803,015
1985	1,746,443	1988	1,832,255
1986	1,782,130	1989	1,862,832

REFERENCES

ABS publications

Statistical Maps, Victoria (1103.2)

Melbourne Statistical Division Map (1104.2)

Australian Standard Geographical Classification (ASGC) (1216.0)

2 *Demography*



INTRODUCTION

This chapter contains information on different aspects of the population including demographic characteristics, immigration, citizenship, language, ancestry and religion.

Despite being the second smallest State in area with just under three per cent of the Australian land mass, Victoria is home to one quarter of Australia's population. Since 1974 the Victorian birth rate has consistently been lower than the rate for Australia, however over the past three years it has slowly been increasing to the point where, in 1989, it was approximately the same as the rate for Australia.

Almost half of Victoria's population increase between 1988 and 1989 was due to net migration. The annual population loss as a result of persons migrating out of Victoria decreased for the first time since 1984. Although people from the UK and Ireland remain the largest overseas born population group residing in Victoria, almost one in two settler arrivals during the 12 months ended 30 June 1989 was born in Asia.

Over recent years, the rate of people marrying for the first time in their late twenties and early thirties has gradually increased. Of couples that divorced in 1989, more than half had children. Over two-thirds of the population stated an affiliation with a Christian religion.

Population

As at June 1989, Australia's Estimated Resident Population (ERP) was 16.8 million, an increase of almost 300,000, or 1.8 per cent over the previous year. During the same period the population of Victoria rose by 59,600 to 4,321,500, representing 26 per cent of Australia's population.

Victoria's population increased by 6 per cent over the five years 1984 to 1989, compared with 8 per cent for Australia. Over the same period the populations of Western Australia, the Australian Capital Territory and Queensland grew by 14.6, 13.7 and 12.3 per cent respectively.

Victoria is the most densely populated State, averaging 19 persons per square kilometre at 30 June 1989, compared with the Australian average of just over 2 persons per square kilometre. At 30 June 1989, an estimated 3,039,100 persons lived in the Melbourne Statistical Division (MSD), representing 70 per cent of Victoria's population, at a density of 496 persons per square kilometre.

TABLE 2.1 AREA, ESTIMATED RESIDENT POPULATION, AND POPULATION DENSITY OF STATES AND TERRITORIES

State or Territory	Area sq km	Estimated resident population at June 30			Persons per square kilometre (at 1989)	Percentage of population in each State or Territory (at 1989) per cent
		1984	1988	1989		
		'000	'000	'000		
New South Wales	801,600	5,402.7	5,701.5	5,771.9	7.2	34.3
Victoria	227,600	4,076.5	4,261.9	4,321.5	19.0	25.7
Queensland	1,727,200	2,523.9	2,743.8	2,834.1	1.6	16.8
South Australia	984,000	1,360.0	1,408.3	1,424.6	1.4	8.5
Western Australia	2,525,500	1,391.2	1,544.8	1,594.7	0.6	9.5
Tasmania	67,800	437.8	448.5	451.1	6.7	2.7
Northern Territory	1,346,200	142.2	155.9	156.3	0.1	0.9
Australian Capital Territory	2,400	245.1	273.5	278.7	116.1	1.7
Australia	7,682,300	15,579.4	16,538.2	16,833.1	2.2	100.0

TABLE 2.2 POPULATION DISTRIBUTION IN BROAD GEOGRAPHIC AREAS, VICTORIA

Census (d)	Major urban(a)		Other urban (b)		Rural (c)		Total Victoria (e)
	Number	Per cent	Number	Per cent	Number	Per cent	
1921	766,465	50.1	187,490	12.2	571,577	37.3	1,531,280
1933	991,934	54.5	198,191	10.9	628,558	34.5	1,820,261
1947	1,226,409	59.7	231,443	11.3	592,998	28.9	2,054,701
1954	1,524,111	62.1	470,063	19.2	450,126	18.4	2,452,341
1961	1,911,895	65.3	573,930	19.6	439,679	15.0	2,930,113
1966	2,215,396	68.8	538,776	16.7	463,057	14.4	3,220,217
1971	2,509,298	71.6	562,830	16.1	427,920	12.2	3,502,351
1976	2,603,028	71.4	601,185	16.5	441,057	12.1	3,646,975
1981	2,704,038	70.6	661,953	17.3	464,352	12.1	3,832,443
1986	2,771,317	68.9	743,360	18.5	501,022	12.5	4,019,478

(a) Includes all urban centres with a population of 100,000 or more.

(b) Includes all urban centres with a population of 1,000 to 99,999 and known holiday resorts of lower population if they contain 250 or more dwellings, of which at least 100 are occupied on census night.

(c) Includes rural localities.

(d) Census years 1921 to 1966 excluded full-blooded aboriginals.

(e) Includes migratory - those persons counted on trains, boats or at aircraft terminals.

TABLE 2.3 ABORIGINAL AND TORRES STRAIT ISLANDERS POPULATION BY AGE GROUPS, VICTORIA, 30 JUNE 1986

Age group (years)	Aboriginals and Torres Strait Islanders				All persons, Victoria	
	Males	Females	Persons	Per cent	Persons	Per cent
0-4	908	842	1,750	13.9	295,151	7.3
5-14	1,542	1,495	3,037	24.1	625,435	15.6
15-19	820	809	1,629	12.9	354,498	8.8
20-39	2,058	2,231	4,289	34.0	1,301,074	32.4
40-59	654	767	1,421	11.3	843,988	21.0
60 and over	210	275	485	3.8	599,332	14.9
Total	6,192	6,419	12,611	100.0	4,019,478	100.0

In the MSD there were five Statistical Local Areas (SLAs) with more than 100,000 persons, based on 30 June 1989 ERP figures. These were Waverley (126,600 persons), Knox (121,600), Doncaster and Templestowe (107,700), Broadmeadows (105,500) and Keilor (103,900). The SLAs showing the highest growth rates over the previous twelve month period were Cranbourne (Pt.A) (9.6 per cent), Berwick (9.0), Bulla (7.3) and Werribee (7.3). These SLAs also showed the highest percentage growth over the period 1984 to 1989. The SLA with the largest population increase in the five year period was Knox, which grew by 22,000 persons (22.1 per cent).

TABLE 2.4 ESTIMATED RESIDENT POPULATION IN STATISTICAL LOCAL AREAS, VICTORIA

Statistical Local Area (a)	Area at 30 June 1989 (b) (sq km)	Estimated resident population at 30 June			Percentage change 1988 to 1989
		1984	1988	1989	
MELBOURNE STATISTICAL DIVISION					
Altona (C)	39.73	33,300	35,100	35,800	2.0
Berwick (C) (c)	126.30	44,000	58,600	63,900	9.0
Box Hill (C)	21.48	48,300	47,600	47,900	0.6
Brighton (C)	13.70	34,900	34,500	34,400	-0.3
Broadmeadows (C)	65.22	106,100	105,200	105,500	0.3
Brunswick (C)	10.75	44,100	41,600	41,200	-1.0
Bulla (S)	421.40	24,400	32,900	35,300	7.3
Camberwell (C) (c)	35.59	89,400	87,500	87,700	0.2
Caulfield (C)	22.10	72,000	70,300	70,300	0.0
Chelsea (C)	12.59	27,400	27,400	27,800	1.5
Coburg (C)	18.77	55,500	54,800	54,600	-0.4
Collingwood (C)	4.88	14,700	13,600	13,500	-0.7
Cranbourne (S) (Pt A) (c)	400.80	39,000	54,100	59,300	9.6
Croydon (C)	33.71	39,600	43,900	45,400	3.4
Dandenong (C)	38.94	58,000	59,300	59,500	0.3
Diamond Valley (S)	73.91	55,100	59,600	61,000	2.3
Doncaster and Templestowe (C)	90.62	99,700	106,500	107,700	1.1
Eltham (S)	276.00	39,700	43,100	43,800	1.6
Essendon (C)	22.17	57,100	55,900	55,400	-0.9
Fitzroy (C)	3.71	18,600	18,400	18,300	-0.5
Flinders (S)	327.50	31,400	37,500	38,800	3.5
Footscray (C)	18.14	50,700	48,800	48,800	0.0
Frankston (C) (c)	71.37	84,600	89,400	90,600	1.3
Hastings (S)	292.90	20,600	25,800	27,000	4.7
Hawthorn (C)	9.84	31,700	30,800	30,700	-0.3
Healesville (S) (Pt A)	284.30	9,000	10,400	10,600	1.9
Heidelberg (C) (c)	32.84	65,100	63,600	63,500	-0.2
Keilor (C)	97.20	91,100	101,300	103,900	2.6
Kew (C)	14.46	29,600	29,000	29,000	0.0
Knox (C)	113.20	99,600	116,900	121,600	4.0
Lillydale (S)	403.30	70,200	77,700	79,600	2.4
Malvern (C) (c)	16.07	44,200	43,600	43,500	-0.2
Melbourne (C) (Inncr & Remainder)	31.77	59,000	56,100	55,100	-1.8
Melton (S)	459.40	25,500	32,000	33,200	3.8
Moorabbin (C)	53.13	100,400	98,900	99,000	0.1
Mordialloc (C)	12.14	28,300	27,700	27,700	0.0
Mornington (S)	92.89	26,700	29,900	30,700	2.7
Northcote (C)	17.62	51,400	49,500	49,300	-0.4
Nunawading (C)	42.27	99,500	96,400	96,600	0.2



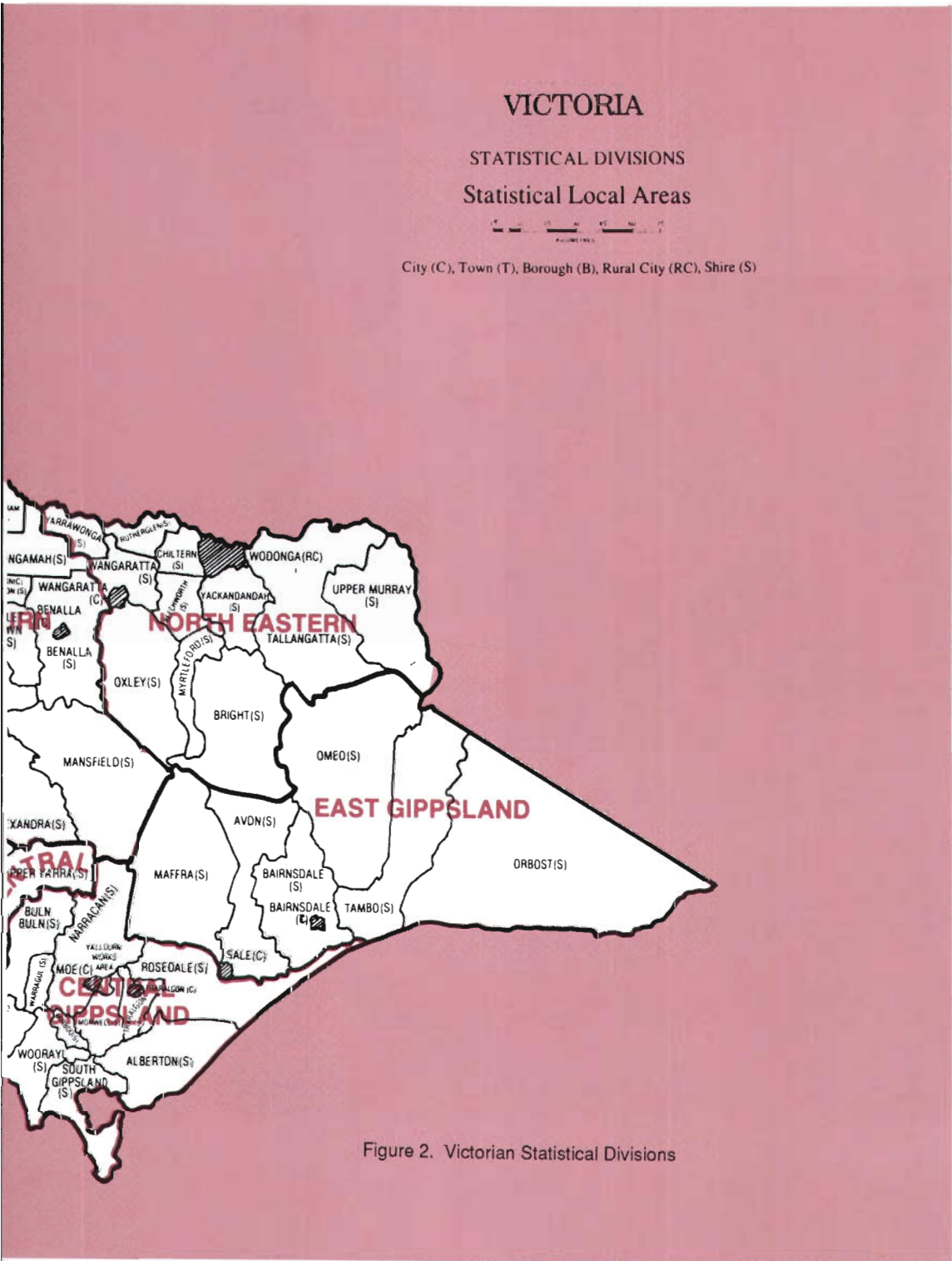


Figure 2. Victorian Statistical Divisions

**TABLE 2.4 ESTIMATED RESIDENT POPULATION IN STATISTICAL LOCAL AREAS,
VICTORIA - *continued***

Statistical Local Area (a)	Area at 30 June 1989 (b) (sq km)	Estimated resident population at 30 June			Percentage change 1988 to 1989
		1984	1988	1989	
MELBOURNE STATISTICAL DIVISION - <i>continued</i>					
Oakleigh (C)	30.84	58,400	58,000	57,800	-0.3
Pakenham (S) (Pt A)	149.50	6,300	7,400	7,600	2.7
Port Melbourne (C)	10.62	8,600	8,200	8,100	-1.2
Prahran (C)	9.58	45,500	44,400	44,000	-0.9
Preston (C) (c)	36.74	84,600	82,300	82,200	-0.1
Richmond (C)	6.25	24,800	23,600	23,300	-1.3
Ringwood (C)	23.03	41,200	42,400	42,600	0.5
St Kilda (C)	8.84	49,300	47,000	46,500	-1.1
Sandringham (C)	15.00	32,500	32,100	32,100	0.0
Sherbrooke (S)	194.30	34,100	37,500	37,900	1.1
South Melbourne (C)	8.99	19,200	18,600	18,400	-1.1
Springvale (C)	98.48	85,200	87,800	88,800	1.1
Sunshine (C)	80.52	98,100	97,200	97,900	0.7
Waverley (C)	59.72	129,200	127,300	126,600	-0.5
Werribee (C) (c)	659.60	47,000	61,900	66,400	7.3
Whittlesea (C) (c)	599.60	76,100	88,100	91,800	4.2
Williamstown (C)	14.71	24,900	24,000	23,900	-0.4
Total division	6,129.00	2,884,600	3,002,300	3,043,500	1.4
BARWON STATISTICAL DIVISION					
Bannockburn (S) (Pt A & Pt B)	704.00	3,410	3,820	3,990	4.5
Barrabool (S) (Pt A & Pt B)	581.50	6,430	8,210	8,600	4.8
Bellarine (S) (Pt A & Pt B)	328.30	34,210	40,260	41,220	2.4
Colac (C)	10.99	10,090	10,050	10,070	0.2
Colac (S)	1,456.00	6,570	6,980	7,010	0.4
Corio (S) (Pt A & Pt B)	698.40	54,030	56,300	56,770	0.8
Geelong (C)	13.71	14,220	13,270	13,180	-0.7
Geelong West (C)	5.19	15,300	14,630	14,620	-0.1
Leigh (S)	982.70	1,580	2,040	2,100	2.9
Newtown (C)	6.35	10,480	10,430	10,420	-0.1
Otway (S)	1,872.00	3,790	3,830	3,850	0.5
Queenscliffe (B)	8.44	3,320	3,330	3,360	0.9
South Barwon (C) (Pt A & Pt B)	161.20	38,910	41,180	41,760	1.4
Winchelsea (S)	1,299.00	4,050	4,480	4,570	2.0
Total division	8,127.00	206,370	218,800	221,520	1.2
SOUTH WESTERN STATISTICAL DIVISION					
Belfast (S)	515.70	1,530	1,490	1,500	0.7
Camperdown (T)	14.85	3,660	3,590	3,560	-0.8
Dundas (S)	3,477.00	3,650	3,670	3,700	0.8
Glenelg (S)	3,589.00	4,540	4,370	4,360	-0.2
Hamilton (C)	20.61	10,280	10,510	10,540	0.3
Hampden (S)	2,646.00	7,570	7,280	7,180	-1.4
Heytesbury (S)	1,503.00	7,920	7,710	7,730	-0.3
Heywood (S) (c)	3,764.00	7,310	7,680	7,730	0.7
Minhamite (S)	1,364.00	2,100	1,990	1,970	-1.0
Mortlake (S)	2,153.00	3,460	3,210	3,200	-0.3

**TABLE 2.4 ESTIMATED RESIDENT POPULATION IN STATISTICAL LOCAL AREAS,
VICTORIA - continued**

Statistical Local Area (a)	Area at 30 June 1989 (b) (sq km)	Estimated resident population at 30 June			Percentage change 1988 to 1989
		1984	1988	1989	
SOUTH WESTERN STATISTICAL DIVISION - continued					
Mount Rouse (S)	1,407.00	2,480	2,380	2,360	-0.8
Port Fairy (B)	22.74	2,530	2,720	2,760	1.5
Portland (C) (c)	35.28	10,070	10,450	11,160	6.8
Wannon (S)	1,958.00	3,210	2,990	2,980	-0.3
Warrnambool (C)	35.68	22,930	24,170	24,490	1.3
Warrnambool (S) (c)	1,552.00	6,810	8,580	8,630	0.6
Tower Hill Lake Reserve and Lady Julia Percy Island	6.99	-	n.a.	n.a.	-
Total division	24,065.00	101,580	102,770	103,850	1.1
CENTRAL HIGHLANDS STATISTICAL DIVISION					
Ararat (C)	18.15	8,420	8,230	8,240	0.1
Ararat (S)	3,679.00	4,370	4,460	4,560	2.2
Avoca (S)	1,127.00	2,200	2,250	2,260	0.4
Bacchus Marsh (S)	567.10	8,730	10,560	11,110	5.2
Ballarat (C)	34.18	36,800	36,830	36,780	-0.1
Ballan (S)	911.70	3,030	3,790	4,040	6.6
Ballarat (S) (Pt A & Pt B)	475.70	19,600	19,220	19,520	1.6
Bungaree (S) (Pt A & Pt B)	234.00	4,030	4,380	4,510	3.0
Buninyong (S) (Pt A & Pt B)	762.70	9,300	11,110	11,370	2.3
Creswick (S)	540.90	4,410	4,790	4,850	1.3
Daylesford and Glenlyon (S)	606.00	4,890	5,690	5,800	1.9
Grenville (S) (Pt A & Pt B)	843.40	5,520	7,310	7,630	4.4
Lexton (S)	815.90	1,300	1,430	1,490	4.2
Ripon (S)	1,516.00	3,380	3,590	3,650	1.7
Sebastopol (B)	7.78	6,880	7,320	7,380	0.8
Talbot and Clunes (S)	525.60	1,930	2,300	2,390	3.9
Total division	12,666.00	124,810	133,250	135,600	1.8
WIMMERA STATISTICAL DIVISION					
Arapiles (S)	1,987.00	1,900	1,940	1,940	0.0
Birchip (S) (c)	1,482.00	1,420	1,350	1,350	0.0
Dimboola (S)	4,764.00	4,610	4,240	4,170	-1.7
Donald (S) (c)	1,438.00	2,600	2,480	2,490	0.4
Dunmunkle (S) (c)	1,544.00	3,090	2,880	2,850	-1.0
Horsham (C)	24.20	12,740	12,850	12,970	0.9
Kaniva (S)	3,058.00	1,880	1,750	1,770	1.1
Karkaroc (S)	3,782.00	3,140	2,880	2,850	-1.0
Kowree (S)	5,469.00	3,980	3,800	3,770	-0.8
Lowan (S)	2,697.00	3,420	3,380	3,400	0.6
Stawell (T)	23.99	6,430	6,640	6,710	1.1
Stawell (S)	2,606.00	2,380	2,630	2,650	0.8
Warracknabeal (S)	1,811.00	3,960	3,910	3,910	0.0
Wimmera (S)	2,701.00	2,960	2,980	2,980	0.0
Total division	33,388.00	54,510	53,730	53,810	0.1

TABLE 2.4 ESTIMATED RESIDENT POPULATION IN STATISTICAL LOCAL AREAS,
VICTORIA - *continued*

Statistical Local Area (a)	Area at 30 June 1989 (b) (sq km)	Estimated resident population at 30 June			Percentage change 1988 to 1989
		1984	1988	1989	
NORTHERN MALLEE STATISTICAL DIVISION					
Kerang (B)	23.79	4,230	4,100	4,090	-0.2
Kerang (S)	3,261.00	4,540	4,490	4,450	-0.9
Mildura (C)	30.08	16,980	19,360	20,070	3.7
Mildura (S)	10,639.00	19,540	20,230	20,370	0.7
Swan Hill (C)	14.32	9,020	9,110	9,190	0.9
Swan Hill (S)	6,721.00	12,580	12,400	12,400	0.0
Walpeup (S)	11,027.00	3,650	3,460	3,450	-0.3
Wycheproof (S) (c)	3,959.00	3,640	3,320	3,250	-2.1
Total division	35,676.00	74,170	76,470	77,270	1.0
LODDON-CAMPASPE STATISTICAL DIVISION					
Bendigo (C)	32.19	32,800	32,230	32,140	-0.3
Bet Bet (S)	925.00	1,920	2,160	2,210	2.3
Castlemaine (C)	23.48	6,870	7,120	7,190	1.0
Charlton (S)	1,168.00	2,070	1,990	1,970	-1.0
Cohuna (S)	498.60	4,710	4,580	4,520	-1.3
Eaglehawk(B)	14.89	8,230	8,850	8,920	0.8
East Loddon (S)	1,181.00	1,460	1,370	1,330	-2.9
Echuca (C)	24.19	8,470	9,020	9,230	2.3
Gisborne (S)	281.30	7,860	9,250	9,540	3.1
Gordon (S)	2,054.00	3,030	3,050	3,040	-0.3
Huntly (S) (Pt A & Pt B)	870.70	3,630	4,260	4,460	4.7
Kara Kara (S)	2,287.00	1,210	1,370	1,400	2.2
Korong (S)	2,379.00	3,290	3,560	3,620	1.7
Kyneton (S)	722.80	7,580	8,460	8,590	1.5
McIvor (S)	1,433.00	2,450	3,000	3,100	3.3
Maldon (S)	554.20	2,520	2,800	2,840	1.4
Marong (S) (Pt A & Pt B)	1,455.00	11,080	12,950	13,480	4.1
Maryborough (C)	22.35	8,000	7,850	7,850	0.0
Metcalf (S)	586.30	2,580	3,090	3,120	1.0
Newham and Woodend (S)	244.00	4,120	4,900	5,100	4.1
Newstead(S)	409.90	2,360	2,610	2,650	1.5
Pyalong (S)	596.50	680	660	680	3.0
Rochester (S)	1,924.00	7,560	7,390	7,420	0.4
Romsey (S)	627.90	5,600	7,120	7,360	3.4
St Arnaud (T)	26.70	2,780	2,740	2,750	0.4
Strathfieldsaye (S) (Pt A & Pt B)	609.50	13,970	16,510	17,220	4.3
Tullaroop (S)	630.90	2,060	2,630	2,710	3.0
Total division	21,584.00	158,860	171,500	174,430	1.7
GOULBURN STATISTICAL DIVISION					
Alexandra (S) (c)	2,228.00	5,440	5,910	6,120	3.6
Benalla (C)	16.21	8,760	9,030	9,110	0.9
Benalla (S)	2,311.00	4,740	5,430	5,530	1.8
Broadford (S)	570.30	2,850	3,660	3,780	3.3
Cobram (S)	435.00	6,430	6,500	6,540	0.6
Deakin (S)	934.00	6,040	5,890	5,880	-0.2

**TABLE 2.4 ESTIMATED RESIDENT POPULATION IN STATISTICAL LOCAL AREAS,
VICTORIA - continued**

Statistical Local Area (a)	Area at 30 June 1989 (b) (sq km)	Estimated resident population at 30 June			Percentage change 1988 to 1989
		1984	1988	1989	
GOULBURN STATISTICAL DIVISION - continued					
Euroa (S)	1,406.00	4,450	4,580	4,560	-0.4
Goulburn (S)	1,029.00	2,260	2,420	2,470	2.1
Kilmore (S)	505.90	5,770	7,700	8,010	4.0
Kyabram (T)	21.14	5,650	5,660	5,700	0.7
Mansfield (S)	3,929.00	5,030	5,680	5,870	3.3
Nathalia (S)	1,253.00	3,320	3,390	3,440	1.5
Numurkah (S)	730.30	6,400	6,520	6,580	0.9
Rodney (S) (Pt A & Pt B)	1,022.00	15,300	15,580	15,780	1.3
Seymour (S)	956.70	11,420	11,520	11,430	-0.8
Shepparton (C)	26.59	25,260	26,290	26,490	0.8
Shepparton (S) (Pt A & Pt B)	920.90	8,000	8,520	8,740	2.6
Tungamah (S)	1,130.00	2,850	2,840	2,840	0.0
Violet Town (S)	934.40	1,410	1,490	1,510	1.3
Waranga (S)	1,611.00	4,470	4,550	4,600	1.1
Yea (S)	1,419.00	4,040	4,660	4,770	2.4
Total division	23,390.00	139,880	147,830	149,750	1.3
NORTH EASTERN STATISTICAL DIVISION					
Becchworth (S)	764.90	4,760	4,990	5,060	1.4
Bright (S)	3,091.00	5,790	6,450	6,640	2.9
Chiltern (S)	491.30	2,170	2,390	2,490	4.2
Myrtleford (S)	821.30	4,310	4,410	4,440	0.7
Oxley (S)	2,812.00	5,330	5,720	5,820	1.7
Rutherglen (S)	527.70	2,940	3,150	3,260	3.5
Tallangatta (S) (Pt A & Pt B)	4,187.00	3,950	4,070	4,130	1.5
Upper Murray (S)	2,468.00	2,550	2,500	2,510	0.4
Wangaratta (C)	26.91	16,620	16,460	16,360	-0.6
Wangaratta (S)	906.60	2,870	3,270	3,270	0.0
Wodonga (Rural City)	345.50	22,050	24,400	25,820	5.8
Yackandandah (S) (Pt A & Pt B)	1,086.00	3,980	4,450	4,450	0.0
Yarrawonga (S)	638.30	4,670	5,000	5,130	2.6
Total division	18,166.00	81,770	87,180	89,370	2.5
EAST GIPPSLAND STATISTICAL DIVISION					
Avon (S)	2,615.00	4,220	4,510	4,450	-1.3
Bairnsdale (T)	28.79	10,050	10,530	10,720	1.8
Bairnsdale (S)	2,449.00	6,270	7,300	7,400	1.4
Maffra (S)	4,162.00	9,710	10,330	10,510	1.7
Omeo (S)	5,636.00	1,650	1,870	1,900	1.6
Orbost (S)	9,347.00	6,300	6,560	6,610	0.8
Sale (C)	30.09	13,610	13,750	13,830	0.6
Tambo (S)	3,525.00	8,440	9,890	10,220	3.3
Bass Strait Islands	23.89	-	-	-	-
Total division	27,817.00	60,250	64,730	65,640	1.4

**TABLE 2.4 ESTIMATED RESIDENT POPULATION IN STATISTICAL LOCAL AREAS,
VICTORIA - continued**

Statistical Local Area (a)	Area at 30 June 1989 (b) (sq km)	Estimated resident population at 30 June			Percentage change 1988 to 1989
		1984	1988	1989	
CENTRAL GIPPSLAND STATISTICAL DIVISION					
Alberton (S)	1,878.00	6,170	6,380	6,430	0.8
Buln Buln (S)	1,251.00	10,240	10,990	11,200	1.9
Korumburra (S)	613.50	7,010	7,450	7,610	2.1
Mirboo (S)	260.70	2,360	2,580	2,550	-1.2
Moe (C)	24.93	17,670	17,840	17,820	-0.1
Morwell (S) (Pt A & Pt B)	654.70	27,920	28,210	28,130	-0.3
Narracan (S)	2,320.00	11,310	11,300	11,330	0.3
Rosedale (S)	2,256.00	7,340	8,820	9,020	2.3
South Gippsland (S)	1,358.00	6,040	6,250	6,230	-0.3
Traralgon (C) (c)	22.26	19,690	20,500	20,760	1.3
Traralgon (S) (c)	464.00	4,040	4,490	4,460	-0.7
Warragul (S)	347.00	11,930	12,660	12,880	1.7
Woorayl (S)	1,226.00	10,880	11,620	11,930	2.7
Yallourn Works Area	27.86	-	-	-	-
Total division	12,704.00	142,600	149,070	150,350	0.9
EAST CENTRAL STATISTICAL DIVISION					
Bass (S)	515.90	3,790	4,410	4,610	4.5
Cranbourne (S) (Pt B)	351.00	4,120	4,240	4,340	2.3
Healesville (S) (Pt B) (c)	168.5	1,090	1,290	1,330	3.1
Pakenham (S) (Pt B)	738.00	14,850	18,290	19,410	6.1
Phillip Island (S)	100.90	3,790	4,780	4,990	4.4
Upper Yarra (S) (c)	1,743.00	12,280	14,850	15,200	2.4
Wonthaggi (B)	58.22	5,800	6,340	6,480	2.2
French Island	172.50	70	70	70	0.0
Total division	3,849.00	45,800	54,290	56,420	3.9
STATISTICAL DIVISIONS - SUMMARY					
Melbourne	6,129.00	2,884,600	3,002,300	3,043,480	1.4
Rest of Victoria -					
Barwon	8,127.00	206,370	218,800	221,520	1.2
South Western	24,065.00	101,580	102,770	103,850	1.1
Central Highlands	12,666.00	124,810	133,250	135,600	1.8
Wimmera	33,388.00	54,510	53,730	53,810	0.1
Northern Mallee	35,676.00	74,170	76,470	77,270	1.0
Loddon-Campaspe	21,584.00	158,860	171,500	174,430	1.7
Goulburn	23,390.00	139,880	147,830	149,750	1.3
North Eastern	18,166.00	82,010	87,180	89,370	2.5
East Gippsland	27,817.00	60,250	64,730	65,640	1.4
Central Gippsland	12,704.00	142,600	149,070	150,350	0.9
East Central	3,849.00	45,800	54,290	56,420	3.9
Total Rest of Victoria	221,432.00	1,190,830	1,259,620	1,278,010	1.5
Offshore and Migratory (d)	-	-	-	-	-
Total Victoria	227,561.00	4,075,500	4,261,900	4,321,480	1.4

(a) The designation of City (C), Town (T), Borough (B), or Shire (S) shown against the name of each Statistical Local Area indicates its status at 30 June 1989.

(b) Areas below 100 square kilometres have been calculated to two decimal places; areas from 100 to 999 square kilometres to one decimal place, and areas of 1,000 or more square kilometres to the nearest whole number.

(c) Indicates changes have occurred in Statistical Local Areas between 1 July 1982 to 30 June 1989.

(d) Not available for intercensal years.

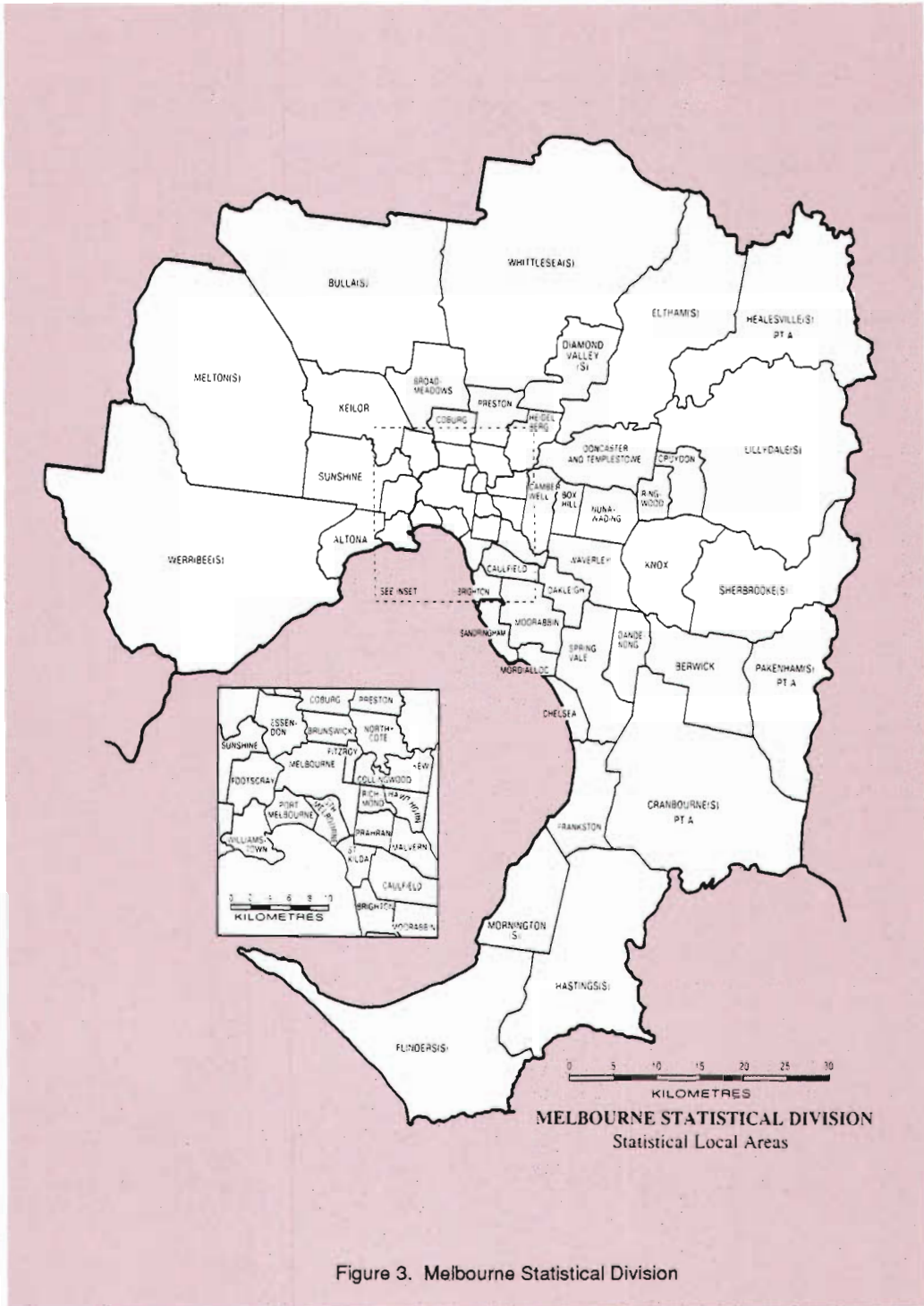


Figure 3. Melbourne Statistical Division

TABLE 2.5 TOP TEN STATISTICAL LOCAL AREAS BY INCREASE IN ESTIMATED RESIDENT POPULATION AND PERCENTAGE CHANGE, VICTORIA, 30 JUNE 1984 - 30 JUNE 1989

<i>Top ten increase by percentage change</i>			<i>Top ten increase by numeric change</i>		
<i>Statistical Local Area</i>	<i>Per cent</i>	<i>Number</i>	<i>Statistical Local Area</i>	<i>Number</i>	<i>Per cent</i>
Cranbourne	52.1	20,300	Knox	22,000	22.1
Berwick	45.2	19,900	Cranbourne	20,300	52.1
Bulla	44.7	10,900	Berwick	19,900	45.2
Werribee	41.3	19,400	Werribee	19,400	41.3
Kilmore	38.8	2,240	Whittlesea	15,700	20.6
Grenville	38.2	2,110	Keilor	12,800	14.1
Barrabool (Pts. A & B)	33.7	2,170	Bulla	10,900	44.7
Ballan	33.3	1,010	Lillydale	9,400	13.4
Leigh	32.9	520	Doncaster & Templestowe	8,000	8.0
Broadford	32.6	930	Melton	7,700	30.2

TABLE 2.6 URBAN CENTRES AND (RURAL) LOCALITIES WITH A POPULATION OF OVER 650 PERSONS, IN SIZE ORDER, VICTORIA, 30 JUNE 1986

<i>Urban centre/ (rural) locality</i>	<i>Population</i>	<i>Urban centre/ (rural) locality</i>	<i>Population</i>
Melbourne	2,645,484	Lakes Entrance	4,104
Geelong	125,833	Kerang	4,031
Ballarat	63,802	Kyneton	4,010
Bendigo	53,944	Drouin	3,974
Shepparton-Mooroopna	30,238	Maffra	3,973
Melton	24,394	Leongatha	3,957
Warrnambool	22,706	Queenscliff	3,739
Albury-Wodonga (Wodonga Part)	20,918	Clifton Springs	3,657
Mildura	20,512	Cobram	3,651
Traralgon	19,233	Emerald	3,608
Moe-Yallourn	18,376	Torquay	3,522
Wangaratta	16,598	Camperdown	3,458
Morwell	16,387	Leopold	3,452
Sunbury	15,297	Somerville	3,432
Cranbourne	14,005	Yarrawonga-Mulwala (Yarrawonga Part)	3,388
Sale	13,559	Beechworth	3,252
Horsham	12,174	Daylesford	3,111
Portland	10,934	Pakenham	3,052
Colac	10,545	Myrtleford	2,853
Bairnsdale	10,328	Numurkah	2,840
Hamilton	9,969	Hurstbridge	2,808
Swan Hill	8,831	Korumburra	2,773
Ocean Grove-Barwon Heads	8,680	Euroa	2,730
Benalla	8,490	Tatura	2,702
Echuca-Moama (Echuca Part)	8,409	St Arnaud	2,692
Warragul	8,170	Warracknabeal	2,689
Ararat	8,015	Port Fairy	2,504
Maryborough	7,705	Orbost	2,502
Castlemaine	7,656	Red Cliffs	2,450
Bacchus Marsh	7,640	Rochester	2,395
Craigieburn	6,584	Warburton	2,304
Seymour	6,510	Portarlington	2,271
Stawell	6,252	Creswick	2,266
Healesville	5,759	Cowes	2,251
Churchill	5,526	Woodend	2,219
Wonthaggi	5,346	Paynesville	2,209
Kyabram	5,342	Trafalgar	2,149
Hastings	5,271	Woori Yallock	2,111
Lara	5,186	Cohuna	2,103
Crib Point	4,180		

TABLE 2.6 URBAN CENTRES AND (RURAL) LOCALITIES WITH A POPULATION OF OVER 650 PERSONS, IN SIZE ORDER, VICTORIA, 30 JUNE 1986 - *continued*

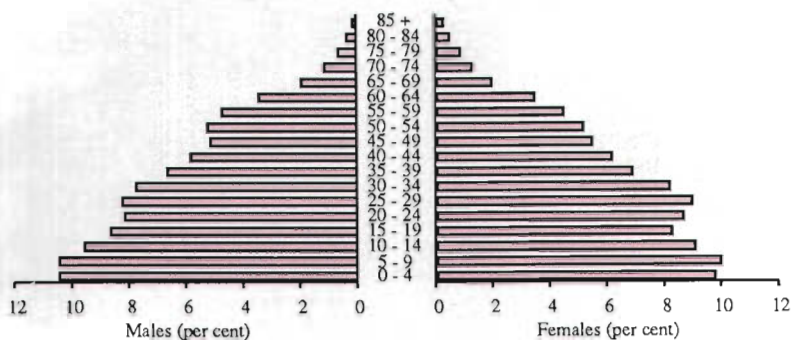
<i>Urban centre/ (rural) locality</i>	<i>Population</i>	<i>Urban centre/ (rural) locality</i>	<i>Population</i>
Cockatoo	2,060	Mirboo North	1,104
Terang	2,040	Nagambie	1,099
Mansfield	2,039	Rosedale	1,093
Kilmore	2,029	Koo-wce-rup	1,081
Nhill	2,028	Tongala	1,044
Coldstream	2,016	Avoca	1,032
Yarram	2,004	Mortlake	1,030
Gisborne	1,966	Yea	1,017
Broadford	1,893	Narre Warren North	1,011
Casterton	1,842	Foster	1,007
Inverloch	1,838	Mount Helen	1,002
Yarra Junction	1,810	Pearcedale (L)	995
Alexandra	1,790	Bunyip (L)	986
Robinvale	1,770	Tallangatta (L)	963
Merbein	1,750	Koroit (L)	958
Heyfield	1,689	Rushworth (L)	948
Bright	1,673	Chiltern (L)	935
Anglesea	1,652	Lorne (H)	935
Wallan	1,643	Winchelsea (L)	890
Rutherglen	1,586	Apollo Bay (H)	888
Mount Beauty	1,564	Wedderburn (L)	878
Balnarring Beach-Merricks	1,551	Irymple (L)	876
Dimboola	1,514	Murtoa (L)	863
Millgrove	1,507	Wycheproof (L)	854
Ouyen	1,503	Sea Lake (L)	847
Diggers Rest	1,493	Ballan (L)	846
Whittlesea	1,490	Birchip (L)	845
Donald	1,465	Lancefield (L)	826
Cobden	1,421	Mallacoota (H)	826
Heathcote	1,364	Kaniva (L)	821
Launching Place	1,360	Edcnhope (L)	819
Nathalia	1,346	Clunes (L)	817
Charlton	1,341	Baconsfield Upper (L)	809
Buninyong	1,307	Boort (L)	801
Heywood	1,295	Timboon (L)	793
Corryong	1,274	Wonga Park (L)	789
Romsey	1,266	Somers (H)	758
Tyabb	1,254	Hopetoun (L)	750
Stratford	1,242	Eildon (L)	740
Beaufort	1,199	Mernda (L)	737
Seville	1,173	Inglewood (L)	712
St Leonards	1,170	Elmore (L)	698
Yarra Glen	1,170	Wandong-Heathcote Junction (L)	696
Drysdale	1,166	Mount Macedon (L)	682
Carrum Downs	1,161	Bannockburn (L)	662
Coleraine	1,153	Rainbow (L)	655
Riddells Creek	1,153	Tooradin (L)	655
Macedon	1,137	Yarragon (L)	652
Maldon	1,116	Gembrook (L)	650

Age distribution

In 1989, 30.0 per cent of persons in Victoria were under 20 years of age, a decrease of 0.4 per cent on the 1988 figure. The proportion of persons over 60 years of age was 15.6 per cent, almost twice the 7.9 per cent who were aged over 60 years in 1901. This proportion is projected to increase to 24.3 per cent by the year 2021.

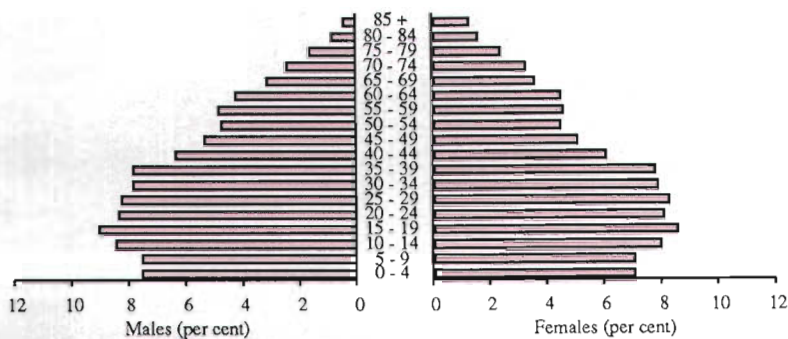
POPULATION AGE PYRAMIDS, VICTORIA

1921 Census



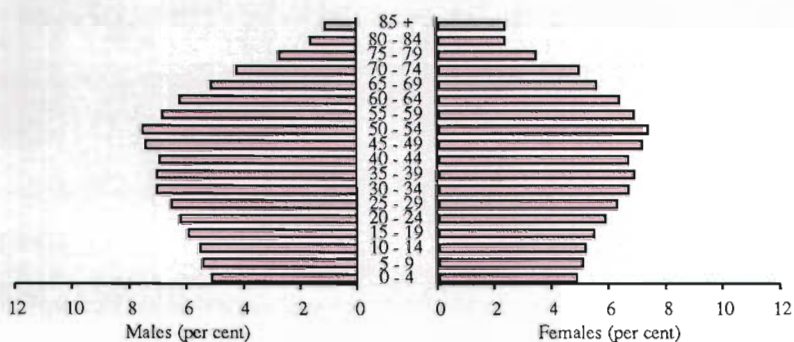
(Total population: 1,531,280)

1986 Census



(Total population: 4,019,478)

2021 (projected)



(Total projected population: 5,605,500)

TABLE 2.7 ESTIMATED RESIDENT POPULATION BY AGE GROUPS, VICTORIA,
30 JUNE 1989

Age group (years)	Males		Females		Persons	
	Number	Per cent	Number	Per cent	Number	Per cent
0-4	158,579	7.4	151,445	7.0	310,024	7.2
5-9	156,970	7.3	150,056	6.9	307,026	7.1
10-14	160,049	7.5	151,247	7.0	311,296	7.2
15-19	188,059	8.8	179,962	8.3	368,021	8.5
20-24	179,884	8.4	175,224	8.1	355,108	8.2
25-29	182,524	8.5	181,246	8.3	363,770	8.4
30-34	176,222	8.2	174,954	8.0	351,176	8.1
35-39	164,801	7.7	166,054	7.6	330,855	7.7
40-44	156,799	7.3	152,210	7.0	309,009	7.2
45-49	123,587	5.8	118,094	5.4	241,681	5.6
50-54	105,292	4.9	101,560	4.7	206,852	4.8
55-59	97,634	4.5	94,702	4.4	192,336	4.5
60-64	94,248	4.4	96,847	4.5	191,095	4.4
65-69	78,284	3.6	89,750	4.1	168,034	3.9
70-74	52,971	2.5	67,687	3.1	120,658	2.8
75-79	39,461	1.8	58,001	2.7	97,462	2.3
80-84	20,466	1.0	36,419	1.7	56,885	1.3
85 and over	10,930	0.5	29,266	1.3	40,196	0.9
Total	2,146,760	100.0	2,174,724	100.0	4,321,484	100.0

TABLE 2.8 CENSUS COUNTS BY SEX, VICTORIA, 1901 - 1986

Year	Persons aged 60 years or over				All persons (number)	Persons aged 60 or over as a proportion of all persons(%)
	Males (number)	Females (number)	Total (number)	Number of males per 100 females		
1901	51,801	43,451	95,342	119	1,201,341	7.9
1911	47,301	48,672	95,973	97	1,315,551	7.3
1921	60,904	65,841	126,745	93	1,531,280	8.3
1933	97,316	110,065	207,381	88	1,820,261	11.4
1947	121,010	148,153	269,163	82	2,054,701	13.1
1954	140,058	178,564	318,622	78	2,452,341	13.0
1961	158,645	208,723	367,368	76	2,930,113	12.5
1966	172,809	227,162	399,971	76	3,219,526	12.4
1971	186,390	244,745	431,135	76	3,502,351	12.3
1976	205,225	270,547	475,772	76	3,646,973	13.0
1981	226,482	299,548	526,030	76	3,832,443	13.7
1986	260,258	339,073	599,332	77	4,019,478	14.9

TABLE 2.9 TOP TEN STATISTICAL LOCAL AREAS BY NUMBER OF PERSONS AGED
0 - 14 AND NUMBER OF PERSONS AGED 60 AND OVER, VICTORIA, 30 JUNE 1989

Highest percentage 0 - 14 years old		Highest percentage 60 years and over	
Statistical Local Area	Per cent	Statistical Local Area	Per cent
Melton	30.9	Queenscliffe	35.8
Grenville (Pt A)	30.6	Flinders	31.8
Huntly (Pt A)	30.0	Phillip Island	30.9
Bungaree (Pt B)	29.4	Port Fairy	26.3
Bulla	28.8	Castlemaine	26.2
Rosedale	28.5	Dunmunkle	25.6
Yackandandah (Pt A)	27.9	Brighton	25.4
Newham & Woodend	27.8	Euroa	25.4
Romsey	27.8	Geelong West	25.0
Strathfieldsaye (Pt A & Pt B)	23.1	Caulfield	24.4

Population increase

The components of population growth are natural increase (the number by which live births exceeds deaths in the State of usual residence) and net migration, both from interstate and overseas. During the period 1986 to 1990 natural increase rose from 29,094 in 1986 to a high of 33,703 in 1990. Although net overseas migration increased noticeably from 20,158 in 1985 to 40,892 in 1989, the provisional 1990 figure shows a reversal of the trend of increasing annual numbers of overseas settlers arriving in Victoria, with 32,967 overseas-born persons arriving. Net interstate migration resulted in an outflow from Victoria of 8,173; though this outflow continues the trend of the previous years it is a much smaller figure than the high recorded in 1988 of 14,802. In 1990 total net migration made up 42 per cent of Victoria's total population increase of 58,497.

TABLE 2.10 COMPONENTS OF POPULATION INCREASE, VICTORIA

Year (a)	Natural increase	Net migration			Total population increase
		Overseas	Interstate	Total	
MALES					
1985	14,912	10,258	-3,064	7,194	22,106
1986	14,447	13,746	-6,912	6,834	21,281
1987	15,202	15,421	-6,632	8,789	23,991
1988	14,918	19,103	-6,428	12,675	27,593
1989	15,766	20,434	-6,763	13,671	29,437
1990p	16,646	16,344	-4,264	12,080	28,726
FEMALES					
1985	15,357	9,900	-2,735	7,165	22,522
1986	14,647	12,674	-6,289	6,385	21,032
1987	15,353	15,562	-6,816	8,746	24,099
1988	15,659	18,121	-8,374	9,747	25,406
1989	15,770	20,458	-6,126	14,332	30,102
1990p	17,057	16,623	-3,909	12,714	29,771
PERSONS					
1985	30,269	20,158	-5,799	14,359	44,628
1986	29,094	26,420	-13,201	13,219	42,313
1987	30,555	30,983	-13,448	17,535	48,090
1988	30,577	37,224	-14,802	22,422	52,999
1989	31,536	40,892	-12,889	28,003	59,539
1990p	33,703	32,967	-8,173	24,794	58,497

(a) Year ended 30 June.

Births

In 1989 there were 64,002 live births registered to women resident in Victoria. This represented an increase of 3.0 per cent on the 62,134 births recorded in 1988. The 1989 crude birth rate in Victoria was 14.8 per 1,000 population and was one of the lowest recorded since the registration of births was made compulsory in 1853. The Australian crude birth rate was 14.9 per 1,000 population in 1988. The Victorian crude birth rate has remained below the Australian rate since the early 1970s.

The general decline in the birth rate was reflected in trends in the age-specific birth rates. However, there was an increase in the age-specific birth rates for the 30 to 34 and 35 to 39 year age groups.

During the 1980s the number of ex-nuptial births has risen steadily to 9,213 in 1988, which represented 14.8 per cent of total live births.

Deaths

In 1989 there were 32,357 deaths registered of Victorian residents in Australia. This was an increase of 5.3 per cent from the 30,726 deaths recorded in 1988, compared with the 2.6 per cent increase from 1987 to 1988. The crude death rate rose from 7.2 per 1,000 population in 1988 to 7.5 in 1989.

The infant mortality rate (deaths of children under one year) dropped from 7.8 per 1,000 live births in 1988 to 6.6 in 1989. The mortality rate for male infants was consistently higher than that for females. In 1989 the rate was 7.8 for males and 5.6 for females.

There were 743 perinatal deaths (stillbirths and deaths within 28 days of birth) in 1989. This represents a death rate of 11.5 per 1,000 live and stillbirths.

The decline in the death rate was reflected in increased life expectancy at birth. In 1989 the life expectancy for males was 73.6 years and for females it was 79.7 years.

Marriages

There were 30,624 marriages registered in Victoria during 1989, slightly less than in 1988. As a consequence, the number of marriages per thousand of the population (crude marriage rate) declined slightly from 7.2 in 1988 to 7.1 in 1989. For almost 70 per cent of couples married in 1989 it was the first marriage for both partners. In 17.2 per cent of marriages registered, one partner had previously been married, and in 12.8 per cent of marriages both parties had been married before.

Of these marriages, 60.4 per cent were performed by ministers of religion and 39.6 per cent by civil celebrants. During the 1980s there was a gradual increase in the number of weddings performed by celebrants.

The median age for bridegrooms was 26 years in 1989, a decrease from 1988 when the median age was 27.6 years. Similarly, the median age for brides declined from 25.4 years in 1988 to 24.7 years in 1989. Almost 34 per cent of bridegrooms in 1989 were aged between 25 and 29, and 39 per cent of brides were aged between 20 and 24. During the 1980s there was a gradual increase in the proportion of people marrying for the first time in their late twenties and early thirties.

In December 1989 there were 1,669,351 males over 15 residing in Victoria. Of these, 61.6 per cent (1,027,545) were married, and 38.4 per cent (641,806) were unmarried, divorced or widowed. There were 1,729,875 females over the age of 15, of whom 59.1 per cent (1,021,826) were married, and 40.9 per cent (708,049) were unmarried, divorced or widowed.

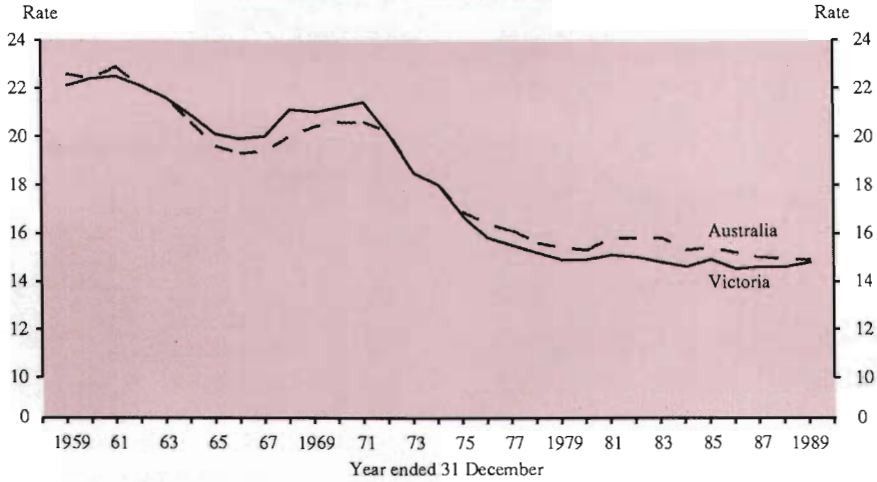
Divorces

The number of divorces granted in Victoria in 1989 was 10,253, a total which varied little from the 1988 figure. As a result, the number of divorces per thousand of the population (i.e. the crude divorce rate) remained stable at 2.4. Generally, during the 1980s, the number of divorces gradually declined during the years between 1982 and 1987, but in 1988 started to slightly increase.

The median duration of marriage decreased to 10.2 years for divorcing couples in 1989. More noticeably, the median interval between marriage and separation steadily declined during the 1980s, from 8 years in 1982 to 6.6 years in 1989. Of the 10,253 couples divorced in 1989, almost 55 per cent had children. Of those divorced in this period, 14.4 per cent of males and 13.5 per cent of females had been divorced at least once before.

The divorce rate was highest for both males and females in the 30 to 34 years age group. Almost 35 per cent of males divorced in 1989 were aged between 30 and 44, and almost 33 per cent of females divorced in 1989 were also in this age group.

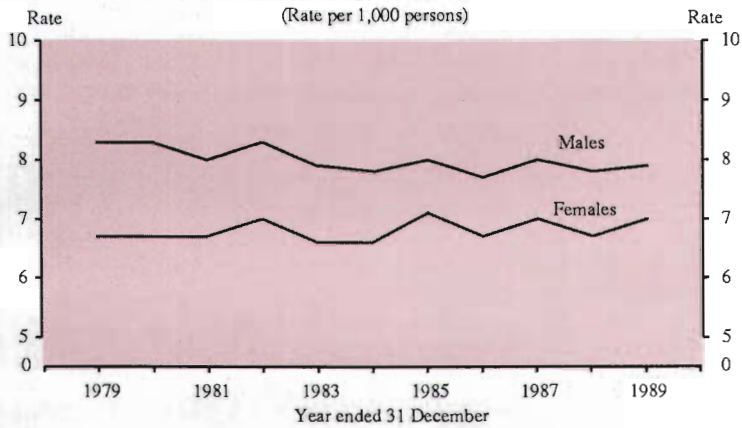
CRUDE BIRTH RATES (a), 1959 - 1989



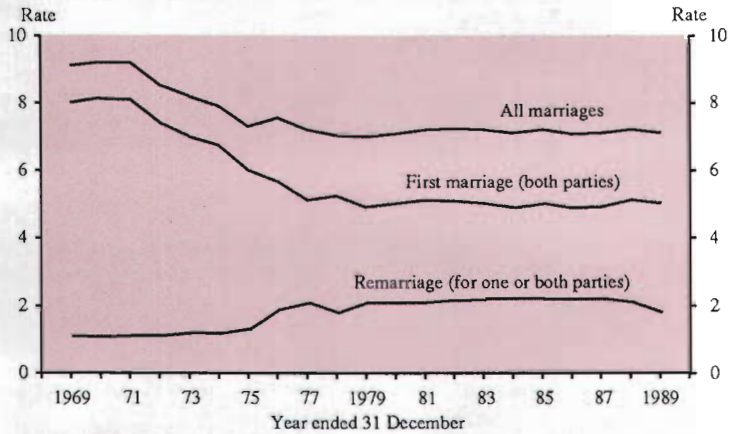
(a) Number of live births registered during calendar year per 1,000 mean estimated population.

CRUDE DEATH RATES, VICTORIA, 1979 TO 1989

(Rate per 1,000 persons)

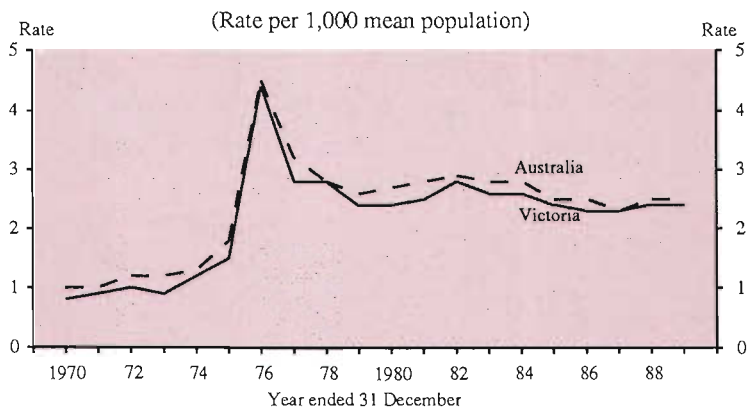


CRUDE MARRIAGE RATES (a), VICTORIA, 1969 TO 1989



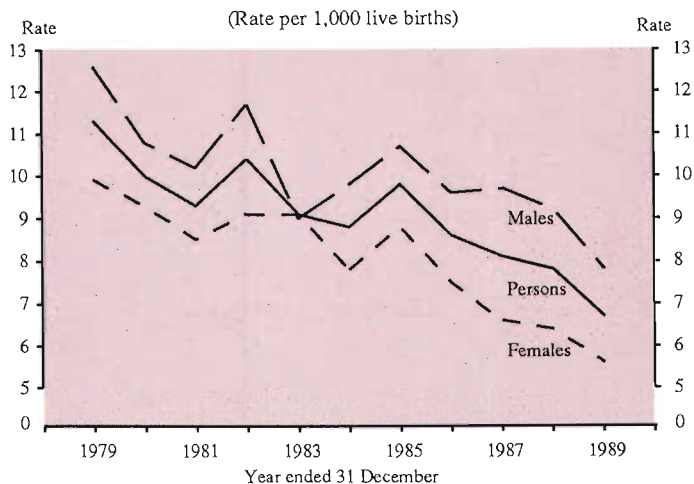
(a) Number of marriages per 1,000 mean estimated resident population.

CRUDE DIVORCE RATES, VICTORIA AND AUSTRALIA, 1970 TO 1989



NOTE: Introduction of Family Law Act 1975, effective 5 January 1976.

INFANT MORTALITY RATES, VICTORIA, 1979 TO 1989



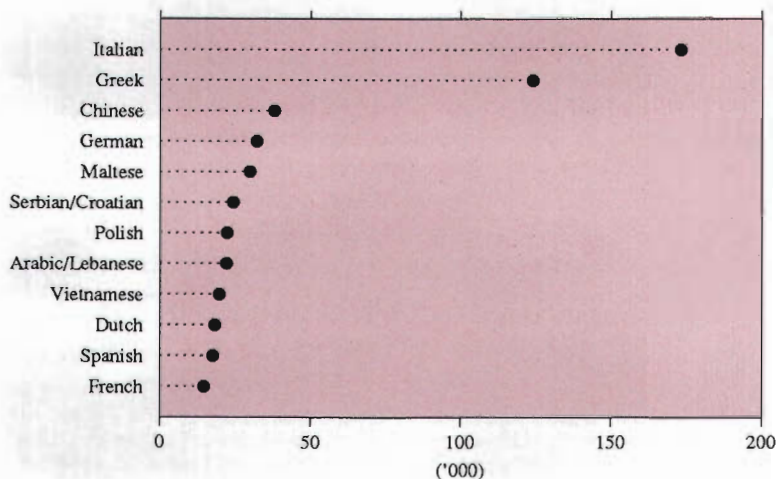
Birthplace, citizenship, and language

The 1986 Census revealed that approximately 915,000 people, or 23.0 per cent of Victoria's population, were born overseas. The five birthplace groups with the largest numbers living in Victoria were: UK and Ireland (250,548), Italy (109,208), Greece (67,796), Yugoslavia (59,311) and Germany (33,664).

At the time of the 1986 Census, people born in the USSR had the highest proportion of Australian citizenship, for overseas-born people resident in Victoria, with 93.4 per cent. The next highest proportion was 89.2 per cent for people born in Greece. Settlers from the English-speaking countries of New Zealand and the UK and Ireland were among the lowest proportions of people to acquire Australian citizenship, with 24.8 per cent and 39.5 per cent respectively, while settlers from India had the lowest proportion of 21.8 per cent.

In 1986, 725,775 people aged 5 years or over spoke a language other than English at home. Over 173,000 people spoke Italian at home; 70,249 of those were born in Australia. The next most commonly spoken language was Greek with almost 124,000 speakers. People who spoke the Chinese language numbered 38,000, which made it the third most common non-English language spoken at home.

**PERSONS WHO SPEAK A LANGUAGE OTHER THAN ENGLISH
AT HOME, VICTORIA, 30 JUNE 1986**



Immigration

The immigration levels of the late 1980s saw an increase in the number of overseas-born people settling in Victoria, from about 20,000 in 1985 to a high of 35,000 people in 1988 and 1989. In 1989, approximately one half of all settler arrivals in Victoria were born in Asia. In the period 1986 to 1989 the largest proportional rise in annual immigration came from people born in the USSR, with an increase of 450 per cent.

During the 12 months to 30 June 1989, UK and Ireland was the largest source of migrants from any birthplace, with 5,094 settlers arriving in Victoria. New Zealand was the next largest source of settlers with 3,715 people, followed by 2,910 arrivals who were born in Vietnam.

Ancestry

The 1986 Census revealed that the population of Victoria was primarily of Anglo-Celtic descent, with more than 40 per cent of people reporting British ancestry. English was the most frequently recorded ancestry, accounting for 31.6 per cent of the population. Although Irish ancestry was reported by only 2.8 per cent of the Victorian population, a number of regions in rural Victoria recorded far higher proportions. For example, almost one-fifth of people living in Bungaree Shire (Pt.B) reported Irish ancestry, which was the highest concentration of people of Irish descent recorded anywhere in Australia.

Southern European ancestries were more frequently recorded in Victoria than in Australia as a whole. People who reported Italian and Greek ancestry comprised, respectively, 5.1 and 3.3 per cent of the State's population, compared with 3.3 and 1.9 per cent of the total Australian population. The Cities of Sunshine, Altona and Keilor recorded Australia's highest concentrations of people of Maltese ancestry (over 11 per cent of Sunshine's residents reported Maltese descent, a proportion 18 times the national average).

Religion

In 1986, 69 per cent of the Victorian population reported that they were affiliated with a Christian religion. This was a lower proportion than that recorded in Australia as a whole (73 per cent), and was a decrease since 1976 when 76 per cent of Victorians reported that they held Christian beliefs. Catholicism was the most frequently reported denomination, accounting for 28 per cent of the population. Followers of the Anglican Church (the second largest religious denomination) were less prevalent in Victoria than in Australia as a whole, comprising 18 per cent of the State's population compared with 24 per cent of the Australian population.

In contrast to Christianity, the proportion of people affiliated with non-Christian religions rose from 1.4 per cent to 2.6 per cent over the ten years 1976 to 1986. The proportion of the population who stated that they did not have a religion also rose considerably during this period, from 9 to 14 per cent.

TABLE 2.11 SUMMARY OF VITAL STATISTICS, STATES, TERRITORIES AND AUSTRALIA, 1989

Particulars	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
Live births -									
Males	43,948	32,841	21,428	10,152	12,783	3,506	1,740	2,112	128,510
Females	41,842	31,161	20,643	9,458	12,268	3,307	1,639	2,025	122,343
Persons	85,790	64,002	42,071	19,610	25,051	6,813	3,379	4,137	250,853
Deaths -									
Males	24,022	17,057	11,434	6,105	5,281	1,903	505	619	66,926
Females	20,746	15,300	9,135	5,257	4,286	1,773	288	521	57,306
Persons	44,768	32,357	20,569	11,362	9,567	3,676	793	1,140	124,232
Infant deaths	708	431	370	153	194	68	44	36	2,004
Perinatal deaths (a) -									
Number	1,017	743	492	277	275	74	77	57	3,012
Rate (b)	11.8	11.5	11.6	14.0	10.9	10.8	22.5	13.6	11.9
Marriages	41,300	30,624	19,088	9,776	10,739	3,111	778	1,760	117,176
Divorces	12,743	10,253 (c)	7,123	3,740	4,089	1,269	435 (d)	1,731	41,383

(a) Perinatal deaths comprise neonatal and foetal deaths.

(b) The number of perinatal deaths per 1,000 live and still births.

(c) Includes 472 divorces heard in Lismore (NSW) but registered in Queensland.

(d) Many divorces registered in the ACT are to applicants normally resident in areas adjacent to the ACT.

TABLE 2.12 SUMMARY OF BIRTHS AND CONFINEMENTS, VICTORIA

Particulars	1984	1985	1986	1987	1988	1989
Live births -						
Males	30,404	31,497	30,855	31,605	31,688	32,841
Females	29,081	30,058	29,307	29,902	30,446	31,161
Persons	59,485	61,555	60,162	61,507	62,134	64,002
Sex ratio (a)	104.6	104.8	105.3	105.7	104.1	105.4
Nuptial births	52,966	54,457	52,767	53,027	52,921	53,868
Ex-nuptial births -						
Number	6,519	7,098	7,395	8,480	9,213	10,134
Percentage of total live births	11.0	11.5	12.3	13.8	14.8	15.8
Crude birth rate (b)	14.6	14.9	r14.4	14.6	14.6	14.8

TABLE 2.12 SUMMARY OF BIRTHS AND CONFINEMENTS, VICTORIA - *continued*

Particulars	1984	1985	1986	1987	1988	1989
Age-specific birth rates (c)-						
Age group (years)-						
15-19 (d)	15.6	15.5	14.2	14.7	14.3	14.9
20-24	81.5	80.6	75.3	73.3	68.5	67.5
25-29	142.2	145.8	140.7	139.6	135.4	137.0
30-34	86.8	91.5	92.2	95.2	97.7	102.9
35-39	26.8	27.4	28.0	30.7	32.2	34.7
40-44	4.5	4.5	4.2	4.9	4.7	5.4
45-49 (e)	0.3	0.2	0.2	0.4	0.2	0.2
Total fertility (f)	1,789	1,827	1,774	1,794	1,764	1,813
Confinements (number)	58,880	60,909	59,432	60,831	61,398	63,209
Median age of mother (years) -						
Nuptial first confinements	26.39	26.54	26.83	27.09	27.39	n.y.a.
All nuptial first confinements	27.96	28.11	28.35	28.58	28.84	n.y.a.
Ex-nuptial	23.17	23.39	23.70	23.82	24.18	n.y.a.
All confinements	27.62	27.77	27.99	28.15	28.42	n.y.a.
Median duration of marriage (years) -						
Nuptial first confinements	2.56	2.59	2.53	2.53	2.49	n.y.a.

(a) Number of male live births per 100 female live births.

(b) Number of live births registered during calendar year per 1,000 of mean estimated resident population.

(c) Number of live births registered during calendar year, according to age of mother, per 1,000 of the female estimated resident population of the same age.

(d) Includes births to mothers aged less than 15.

(e) Includes births to mothers aged 50 years and over.

(f) The sum of 5 year age-specific birth rates multiplied by 5. It represents the number of children 1,000 women would bear during their lifetimes if they experienced the rates of the year shown.

TABLE 2.13 SUMMARY OF DEATHS, VICTORIA

Particulars	1984	1985	1986	1987	1988	1989
Deaths -						
Males	15,843	16,516	16,021	16,714	16,426	17,057
Females	13,689	14,837	14,154	14,835	14,300	15,300
Persons	29,532	31,353	30,175	31,549	30,726	32,357
Sex ratio (a)	115.7	111.3	113.2	112.7	114.9	111.5
Crude death rate (b) -						
Males	7.8	8.0	7.7	8.0	7.8	7.9
Females	6.6	7.1	6.7	7.0	6.7	7.0
Persons	7.2	7.6	7.2	7.5	7.2	7.5
Infant deaths -						
Males	299	337	297	306	291	257
Females	226	264	220	192	195	174
Persons	525	601	517	498	486	431
Infant mortality rate (c)	8.8	9.8	8.6	8.1	7.8	6.7
Median age at death (years) -						
Males	71.0	71.6	71.4	72.0	72.3	72.5
Females	78.0	78.5	78.4	79.0	78.7	79.3
Mean age at death (years) -						
Males	66.7	67.2	67.0	67.3	66.9	67.6
Females	74.0	74.4	74.3	74.8	74.1	74.8

(a) Number of male deaths per 100 female deaths.

(b) Number of deaths registered per 1,000 of the mean estimated resident population.

(c) Deaths of children under one year of age per 1,000 live births.

TABLE 2.14 SUMMARY OF MARRIAGES, VICTORIA

<i>Particulars</i>	1984	1985	1986	1987	1988	1989
Total marriages -	28,931	29,810	29,390	29,682	30,687	30,624
First marriage both partners	19,899	20,544	20,287	20,622	21,531	21,412
First marriage one partner	5,160	5,189	5,040	5,110	5,244	5,281
Remarriage both partners	3,872	4,077	4,063	3,950	3,912	3,931
Crude marriage rate (a)	7.1	7.2	7.1	7.1	7.2	7.1
Marriages performed by -						
Ministers of religion -						
Number	18,050	18,459	18,096	18,434	18,782	18,485
Per cent	62.4	61.9	61.6	62.1	61.2	60.4
Civil celebrants -						
Number	10,881	11,351	11,294	11,248	11,905	12,139
Per cent	37.6	38.1	38.4	37.9	38.8	39.6
BRIDEGROOM						
Marital status of bridegroom -						
Never married	22,335	23,000	22,648	22,940	23,977	23,832
Widowed	753	726	732	748	712	740
Divorced	5,843	6,084	6,010	5,994	5,998	6,052
Total	28,931	29,810	29,390	29,682	30,687	30,624
Median age of bridegroom (years) -						
Never married	25.3	25.5	25.7	25.9	26.2	26.3
Widowed	59.9	60.9	60.6	61.1	61.0	60.9
Divorced	37.0	37.4	38.3	38.5	38.9	38.9
Total	26.7	26.9	27.2	27.4	27.6	27.8
Age of bridegroom (years) -						
Under 20	416	384	333	316	394	346
20-24	10,140	9,955	9,350	8,829	8,679	8,424
25-29	9,030	9,528	9,453	9,956	10,485	10,395
30-34	3,950	4,242	4,237	4,514	4,798	4,992
35-39	2,042	2,224	2,253	2,236	2,423	2,420
40-44	1,147	1,137	1,222	1,363	1,432	1,488
45-49	702	746	837	788	828	868
50 and over	1,504	1,594	1,705	1,680	1,646	1,691
Total	28,931	29,810	29,390	29,682	30,687	30,624
BRIDE						
Marital status of bride -						
Never married	22,623	23,277	22,966	23,414	24,329	24,273
Widowed	845	886	891	905	864	844
Divorced	5,463	5,647	5,533	5,363	5,494	5,507
Total	28,931	29,810	29,390	29,682	30,687	30,624
Median age of bride (years) -						
Never married	23.2	23.4	23.7	24.0	24.2	24.4
Widowed	52.8	53.8	53.1	52.3	52.1	53.1
Divorced	33.9	34.3	35.0	35.1	35.5	35.7
Total	24.4	24.6	25.0	25.2	25.4	25.6
Age of bride (years) -						
Under 20	2,543	2,428	2,160	1,972	2,028	1,855
20-24	13,303	13,387	12,609	12,491	12,407	12,046
25-29	6,505	6,989	7,254	7,600	8,291	8,397
30-34	2,795	2,981	3,088	3,253	3,444	3,688

TABLE 2.14 SUMMARY OF MARRIAGES, VICTORIA - *continued*

<i>Particulars</i>	<i>1984</i>	<i>1985</i>	<i>1986</i>	<i>1987</i>	<i>1988</i>	<i>1989</i>
<i>BRIDE - continued</i>						
35-39	1,489	1,627	1,698	1,791	1,758	1,841
40-44	816	883	887	983	1,133	1,150
45-49	535	524	638	612	657	635
50 and over	945	991	1,056	980	966	1,012
Total	28,931	29,810	29,390	29,682	30,687	30,624

(a) Number of marriages per 1,000 mean estimated resident population.

TABLE 2.15 CIVILIAN POPULATION 15 YEARS AND OVER: MARITAL STATUS, VICTORIA, AS AT 30 JUNE

<i>Census years</i>	<i>Marital Status</i>					<i>Total persons</i>
	<i>Never married</i>	<i>Married</i>	<i>Separated/ not divorced</i>	<i>Divorced</i>	<i>Widowed</i>	
MALES						
- Per cent -						Number
1954	29.2	64.7	1.7	0.8	3.5	884,536
1961	29.5	64.8	1.8	0.8	3.1	1,026,543
1966	30.4	64.1	1.8	0.9	2.9	1,132,374
1971	29.1	65.2	1.8	1.1	2.8	1,231,529
1976	29.1	64.6	2.2	1.6	2.5	1,304,350
1981	31.1	61.5	2.1	2.8	2.5	1,409,315
1986	32.8	59.1	2.1	3.6	2.4	1,519,925
FEMALES						
1954	22.2	63.6	2.0	1.0	11.2	889,806
1961	21.6	64.2	2.1	1.0	11.1	1,029,414
1966	22.7	62.9	2.1	1.1	11.2	1,147,632
1971	21.3	64.0	2.1	1.3	11.3	1,258,273
1976	21.6	62.5	2.7	2.1	11.1	1,344,957
1981	23.6	59.1	2.5	3.7	11.1	1,461,145
1986	25.4	57.0	2.4	4.6	10.6	1,578,967

TABLE 2.16 SUMMARY OF DIVORCES, VICTORIA

Particulars	1984	1985	1986	1987	1988	1989
Divorces granted -	10,501	9,688	9,670	9,626	10,250	10,253
Crude divorce rate (a)	2.6	2.4	2.3	2.3	2.4	2.4
Median duration						
of marriage (years)	10.7	10.6	10.7	10.1	10.4	10.2
Median interval between						
marriage and separation (years)	7.9	7.8	7.8	7.3	7.6	6.6
Divorces involving children -	6,296	5,809	5,705	5,509	5,867	5,596
Percentage of total	60.0	60.0	59.0	57.2	57.2	54.6
Average number of children	1.9	1.9	2.0	1.9	1.9	1.9
HUSBAND						
Age-specific divorce rate (b) -						
Age group (years) -						
Under 25	1.5	1.3	1.2	1.2	1.1	1.0
25-29	9.7	10.1	9.5	9.2	9.2	8.7
30-34	14.3	11.9	11.7	12.3	12.6	12.2
35-39	13.3	12.5	11.7	11.2	12.3	11.5
40-44	11.3	10.6	10.3	9.8	10.4	10.7
45-49	9.4	8.6	8.7	9.0	9.0	9.1
50-54	6.5	5.4	6.5	5.8	6.4	6.6
55 and over	2.5	2.2	2.2	2.0	2.1	2.1
Marital status at marriage -						
Never married	9,246	8,431	8,276	8,199	8,666	8,670
Widowed	154	152	132	117	115	105
Divorced	1,101	1,105	1,262	1,310	1,469	1,478
Median age (years) -						
At marriage	23.9	23.9	24.2	24.3	24.4	24.0
At separation	34.0	34.4	34.6	34.5	34.9	34.9
At divorce	36.7	37.1	37.3	37.2	37.5	36.9
WIFE						
Age-specific divorce rate (b) -						
Age group (years) -						
Under 25	3.3	3.0	2.8	2.8	2.7	2.3
25-29	13.9	12.4	11.9	11.8	12.0	12.1
30-34	13.9	12.3	12.2	11.8	12.7	12.2
35-39	12.3	11.4	10.8	10.8	11.3	11.1
40-44	10.2	9.5	9.2	8.8	9.4	9.6
45-49	7.5	6.5	7.4	7.2	7.8	7.4
50-54	4.7	4.1	4.6	4.2	4.4	4.7
55 and over	1.3	1.2	1.1	1.0	1.1	1.0
Marital status at marriage -						
Never married	9,209	8,477	8,288	8,241	8,748	8,747
Widowed	192	171	169	152	146	118
Divorced	1,100	1,040	1,213	1,233	1,356	1,388
Median age (years) -						
At marriage	21.4	21.5	21.6	21.8	21.9	21.2
At separation	31.3	31.7	31.8	31.8	32.2	32.4
At divorce	34.1	34.4	34.7	34.6	34.9	34.2

(a) Number of divorces per 1,000 of the mean estimated resident population.

(b) Number of divorces by age per 1,000 of the estimated resident population in specific age groups.

TABLE 2.17 BIRTHPLACE BY AGE GROUPS AND SEX, VICTORIA, 30 JUNE 1986

Birthplace	Age group (years)				Sex		
	0-14	15-24	25-54	55 and over	Males	Females	Persons
Australia	856,091	575,672	1,068,492	532,289	1,487,224	1,545,321	3,032,545
New Zealand	4,725	6,855	18,404	4,021	16,961	17,042	34,003
Other Oceania	1,337	1,846	3,241	531	3,405	3,551	6,955
Europe -							
UK and Ireland	10,347	26,988	132,163	81,050	125,663	124,886	250,548
Austria	170	292	3,937	2,465	3,705	3,158	6,863
Czechoslovakia	300	272	2,274	2,304	2,853	2,293	5,147
Germany	987	1,813	20,942	9,920	16,550	17,112	33,663
Greece	896	4,502	48,470	13,928	34,420	33,376	67,797
Hungary	135	151	4,370	3,877	4,623	3,912	8,536
Italy	719	4,843	65,129	38,514	57,818	51,385	109,203
Latvia, Lithuania, and Estonia	10	20	1,536	4,457	3,066	2,961	6,025
Malta	582	1,403	19,786	5,251	14,387	12,633	27,019
Netherlands	623	1,030	18,576	9,106	15,676	13,657	29,334
Poland	1,168	775	8,989	13,707	12,647	11,993	24,639
USSR n.e.i.	343	461	2,740	5,577	4,386	4,731	9,120
Yugoslavia	1,554	7,605	39,926	10,225	31,533	27,777	59,311
Other	1,846	2,790	12,727	4,963	11,892	10,443	22,332
Total	19,680	52,945	381,565	205,344	339,219	320,317	659,537
Asia -							
China	404	564	4,622	3,006	4,260	4,338	8,600
Cyprus	490	1,440	6,353	2,259	5,319	5,225	10,542
Hong Kong	1,363	1,480	3,204	316	3,186	3,177	6,363
India	876	1,906	8,689	3,066	7,249	7,288	14,535
Cambodia, Laos	1,363	1,760	3,019	435	3,294	3,283	6,575
Lebanon	1,073	2,473	6,548	1,193	5,969	5,316	11,285
Malaysia	1,772	5,397	6,895	595	7,402	7,261	14,662
Philippines	1,222	908	4,592	576	2,414	4,883	7,296
Singapore	595	658	1,766	217	1,485	1,748	3,233
Sri Lanka	944	1,500	7,042	2,531	5,929	6,083	12,014
Turkey	963	3,368	6,871	1,254	6,450	6,005	12,454
Vietnam	5,903	6,792	13,905	1,301	15,542	12,356	27,900
Other	3,549	3,243	10,812	2,647	10,257	9,999	20,260
Total	20,517	31,489	84,318	19,396	78,756	76,962	155,719
America -							
Canada	708	768	1,786	604	1,864	2,003	3,867
Chile	962	1,257	2,811	326	2,642	2,714	5,354
U.S.A.	1,424	1,527	4,540	1,147	4,446	4,192	8,638
Other	1,556	1,633	4,449	623	4,028	4,234	8,263
Total	4,650	5,185	13,586	2,700	12,980	13,143	26,122
Africa -							
Republic of South Africa	1,682	1,412	4,321	1,257	4,209	4,463	8,670
Arab Republic of Egypt	178	689	6,981	3,556	5,813	5,591	11,405
Other	925	2,108	7,908	1,921	6,606	6,256	12,863
Total	2,785	4,209	19,210	6,734	16,628	16,310	32,938
Total overseas born (a)	53,694	102,526	520,328	238,731	467,949	447,325	915,272
Not stated	10,801	9,007	31,789	20,062	36,296	35,364	71,661
Total population	920,586	687,205	1,620,609	791,082	1,991,469	2,028,010	4,019,478

(a) Includes persons born at sea.

TABLE 2.18 BIRTHPLACE OF OVERSEAS BORN PERSONS BY CITIZENSHIP AND PERIOD OF RESIDENCE, VICTORIA 30 JUNE 1986

<i>Country of birth</i>	<i>Citizenship</i>								<i>Total</i>
	<i>Australian</i>			<i>Other</i>					
	<i>Period of residence</i>		<i>Total, including not stated (a)</i>	<i>Period of residence</i>		<i>Total, including not stated (a)</i>	<i>Not stated (b)</i>		
	<i>0-4 years</i>	<i>5 or more years</i>		<i>0-4 years</i>	<i>5 or more years</i>				
UK and Ireland	2,786	93,373	99,030	14,507	129,307	146,449	5,076	250,555	
Germany	340	23,902	24,891	1,649	6,699	8,501	276	33,668	
Greece	428	57,882	60,460	1,083	5,340	6,669	666	67,795	
India	620	9,632	10,428	2,276	1,618	3,939	157	14,524	
Italy	216	74,719	77,378	943	28,842	30,727	1,093	109,198	
Lebanon	427	8,474	9,286	1,086	746	1,878	144	11,308	
Malaysia	515	4,360	4,960	6,040	3,420	9,574	126	14,660	
Malta	67	11,434	11,899	756	13,416	14,549	546	26994	
Netherlands	218	21,760	22,454	800	5,721	6,675	218	29,347	
New Zealand	740	7,400	8,436	9,305	15,008	24,870	696	34,002	
Poland	1,611	18,669	20,709	2,225	1,360	3,661	267	24,637	
Vietnam	3,108	12,159	15,515	9,079	2,616	11,975	406	27,896	
Yugoslavia	581	46,700	48,540	2,233	7,599	10,135	626	59,301	
Other	10,529	123,383	136,951	36,667	33,965	71,960	2,506	211,417	
Total	22,186	513,847	550,937	88,649	255,657	351,562	12,803	915,302	

(a) Period of residence not stated.

(b) Citizenship not stated.

TABLE 2.19 BIRTHPLACE OF PARENTS OF AUSTRALIAN BORN PERSONS, VICTORIA, 30 JUNE 1986

<i>Birthplace of Father</i>	<i>Birthplace of Mother</i>							<i>Total</i>
	<i>Australia</i>	<i>UK and Ireland</i>	<i>Southern Europe</i>	<i>Other Europe</i>	<i>Western Asia</i>	<i>Other Asia</i>	<i>Other</i>	
	('000)							
Australia	2,197.6	83.2	9.4	18.1	1.0	5.9	16.4	2,339.2
UK and Ireland	128.6	69.6	1.4	3.6	0.1	1.4	3.3	209.0
Southern Europe	38.3	3.4	175.3	5.3	1.3	0.6	2.8	227.9
Other Europe	41.3	5.5	2.8	49.2	0.6	1.3	1.7	102.7
Western Asia	2.7	0.3	1.0	0.6	17.4	0.1	0.4	22.5
Other Asia	7.8	1.3	0.3	0.8	0.1	15.9	0.5	26.7
Other	24.2	2.5	2.1	1.1	0.4	0.4	11.7	42.5
Total	2,458.8	167.2	193.5	79.3	21.0	25.9	37.2	3,032.5

**TABLE 2.20 PERSONS (a) WHO SPOKE A LANGUAGE OTHER THAN ENGLISH AT HOME:
LANGUAGE SPOKEN BY AGE GROUP, VICTORIA, 30 JUNE 1986**

Language spoken	Age group (years)				Total
	5-19	20-34	35-64	65 and over	
Arabic/Lebanese	7,888	6,498	6,811	748	21,945
Chinese	10,224	14,104	11,689	2,017	38,034
Dutch	1,403	3,109	10,219	3,346	18,077
French	2,653	4,070	6,289	1,431	14,443
German	3,481	5,589	18,278	4,895	32,243
Greek	38,110	27,579	53,223	5,062	123,974
Italian	39,912	42,542	75,740	15,107	173,211
Maltese	5,755	7,508	14,377	1,915	29,555
Polish	2,869	4,684	10,285	4,293	22,131
Serbian/Croatian	7,751	4,729	10,915	817	24,212
Spanish	5,684	4,323	7,059	512	17,578
Vietnamese	6,433	9,124	3,730	315	19,602
Other	36,169	42,233	63,265	13,113	154,780
Total (b)	176,778	183,322	306,404	59,271	725,775

(a) Excludes children aged 0-4 years.

(b) Includes language "not stated" responses.

**TABLE 2.21 PERSONS (a) WHO SPOKE A LANGUAGE OTHER THAN ENGLISH AT HOME:
BIRTHPLACE AND PERIOD OF ARRIVAL BY AGE, VICTORIA, 30 JUNE 1986**

Proficiency in English	Age group (years)				Total
	5-24	25-44	45-64	65 and over	
OVERSEAS BORN: ARRIVED 1982 TO 1986					
Speaks English -					
Well or very well	19,986	16,887	2,476	603	39,952
Not well	7,247	10,113	2,220	524	20,104
Not at all	1,284	1,946	2,129	1,724	7,083
Total (a)	28,960	29,105	6,869	2,858	67,792
OVERSEAS BORN: ARRIVED BEFORE 1982					
Speaks English -					
Well or very well	46,372	126,136	112,514	25,869	310,891
Not well	1,970	27,117	46,522	15,500	91,109
Not at all	206	1,369	4,345	6,724	12,644
Total (a)	48,778	155,395	164,026	48,411	416,610
AUSTRALIAN BORN					
Speaks English -					
Well or very well	151,056	36,700	6,152	1,844	195,752
Not well	5,057	1,711	988	482	8,238
Not at all	686	232	161	230	1,309
Total (a)	159,102	40,075	8,018	3,575	210,770

(a) Includes proficiency in English not stated, but excludes language spoken not stated.

TABLE 2.22 ANCESTRY (a) OF THE POPULATION, BY SEX, VICTORIA, 30 JUNE 1986

Ancestry	Males	Females	Persons	Proportion of total
English	626,462	642,109	1,268,571	31.6
Australian	343,237	361,870	705,107	17.5
Italian	106,457	97,994	204,451	5.1
Greek	67,476	64,754	132,230	3.3
Irish	57,089	55,801	112,890	2.8
Scottish	47,469	43,734	91,203	2.3
British, (so described)	34,635	38,752	73,387	1.8
English - Irish	29,101	36,582	65,683	1.6
German	26,437	25,969	52,406	1.3
Chinese	24,622	24,070	48,692	1.2
Dutch	24,958	22,542	47,500	1.2
English- Scottish	21,086	26,088	47,174	1.2
Maltese	23,562	21,253	44,815	1.1
Australian - English	20,066	23,362	43,428	1.1
Yugoslavian	19,449	17,144	36,593	0.9
Polish	16,136	15,137	31,273	0.8
Irish - Scottish	10,793	13,049	23,842	0.6
English - German	10,013	11,257	21,270	0.5
Lebanese	7,638	7,160	14,798	0.4
Aboriginal	3,341	3,558	6,899	0.2
Other and not classifiable	313,480	313,244	626,724	15.6
Not stated	157,962	162,580	320,542	8.0
Total	1,991,469	2,028,009	4,019,478	100.0

(a) As stated.

TABLE 2.23 RELIGIOUS DENOMINATION OF THE POPULATION, VICTORIA, 30 JUNE 1986

Religious denomination	Males	Females	Persons	Per cent
Christian -				
Anglican	337,743	377,671	715,414	17.8
Baptist	18,397	21,387	39,784	1.0
Brethren	1,926	2,196	4,122	0.1
Catholic	540,860	563,184	1,104,044	27.5
Congregational	687	745	1,432	0.0
Churches of Christ	10,701	13,344	24,045	0.6
Jehovah's Witnesses	5,468	6,756	12,224	0.3
Latterday Saints	3,167	3,480	6,647	0.2
Lutheran	17,647	19,261	36,908	0.9
Oriental Christian	954	923	1,877	0.0
Orthodox	90,202	87,363	177,565	4.4
Pentecostal	9,532	10,772	20,304	0.5
Presbyterian	64,641	73,359	138,000	3.4
Salvation Army	7,799	9,662	17,461	0.4
Seventh Day Adventist	3,515	4,277	7,792	0.2
Uniting Church	128,403	151,859	280,262	7.0
Other Protestant	40,292	47,265	87,557	2.2
Other Christian	44,104	46,652	90,756	2.3
Total Christian	1,326,038	1,440,156	2,766,194	68.8

TABLE 2.23 RELIGIOUS DENOMINATION OF THE POPULATION, VICTORIA,
30 JUNE 1986 - *continued*

<i>Religious denomination</i>	<i>Males</i>	<i>Females</i>	<i>Persons</i>	<i>Per cent</i>
Other religions -				
Buddhist	12,201	11,065	23,266	0.6
Hindu	2,776	2,338	5,114	0.1
Jewish	15,714	16,673	32,387	0.8
Muslim	20,145	17,820	37,965	0.9
Other non Christian	3,359	3,106	6,465	0.2
Total other religions	54,195	51,002	105,197	2.6
Other groups -				
Non-theistic	634	382	1,016	0.0
Inadequately described	8,124	6,296	14,420	0.4
No religion	308,684	249,255	557,939	13.9
Not stated	293,794	280,918	574,712	14.3
Total	1,991,469	2,028,009	4,019,478	100.0

REFERENCES

Data sources

The statistics in this chapter are derived from various sources including the Census of Population and Housing, the latest of which was conducted at 30 June 1986.

The estimated resident population was compiled according to the place of usual residence of the population. An explanation of the conceptual basis is given in the ABS Information Paper *Population Estimates: An Outline of the New Conceptual Basis of ABS Population Estimates* (3216.0).

Data on overseas arrivals and departures and persons granted Australian citizenship are compiled from information supplied by the Department of Immigration Local Government and Ethnic Affairs.

Births, deaths, and marriages are compiled from data supplied by the Registrar of Births, Deaths and Marriages while divorce statistics are compiled from Statistical Reports completed by the Family Court of Australia.

ABS publications

Older People in Victoria (2501.2)

Australian Demographic Statistics (3101.0)

Estimated Resident Population by Sex and Age: States and Territories of Australia (3201.0)

Estimated Resident Population in Statistical Local Areas, Revised Intercensal Estimates, Victoria (3202.2)

Estimated Resident Population by Age and Sex in Statistical Local Areas, Victoria, 30 June 1989 (3208.2)

Projections of the Populations of Australia, States and Territories (3222.0)

Births, Australia (3301.0)

Deaths, Australia (3302.0)

Births, Victoria (3305.2)

Marriages, Australia (3306.0)

Deaths, Victoria (3306.2)

Divorces, Australia (3307.0)

Marriages, Victoria (3307.2)

Divorces, Victoria (3308.2)

Overseas Arrivals and Departures, Australia (3404.0)

Census of Population and Housing, 30 June 1971, 1976, 1981 and 1986

3 Labour



INTRODUCTION

The major topics covered in this chapter are the labour force, employment, unemployment, earnings, hours of work, labour costs, education and training, industrial disputes and trade unions. The data provided has been derived from the Monthly Labour Force Survey and associated Supplementary surveys and employer based labour collections. The conceptual framework adopted by the ABS for collecting labour force statistics (see figure 4 on page 56) is compatible with the standards recommended by the International Labour Organisation (ILO). Further detail regarding these statistics is contained in the publications listed at the end of this chapter.

The labour force

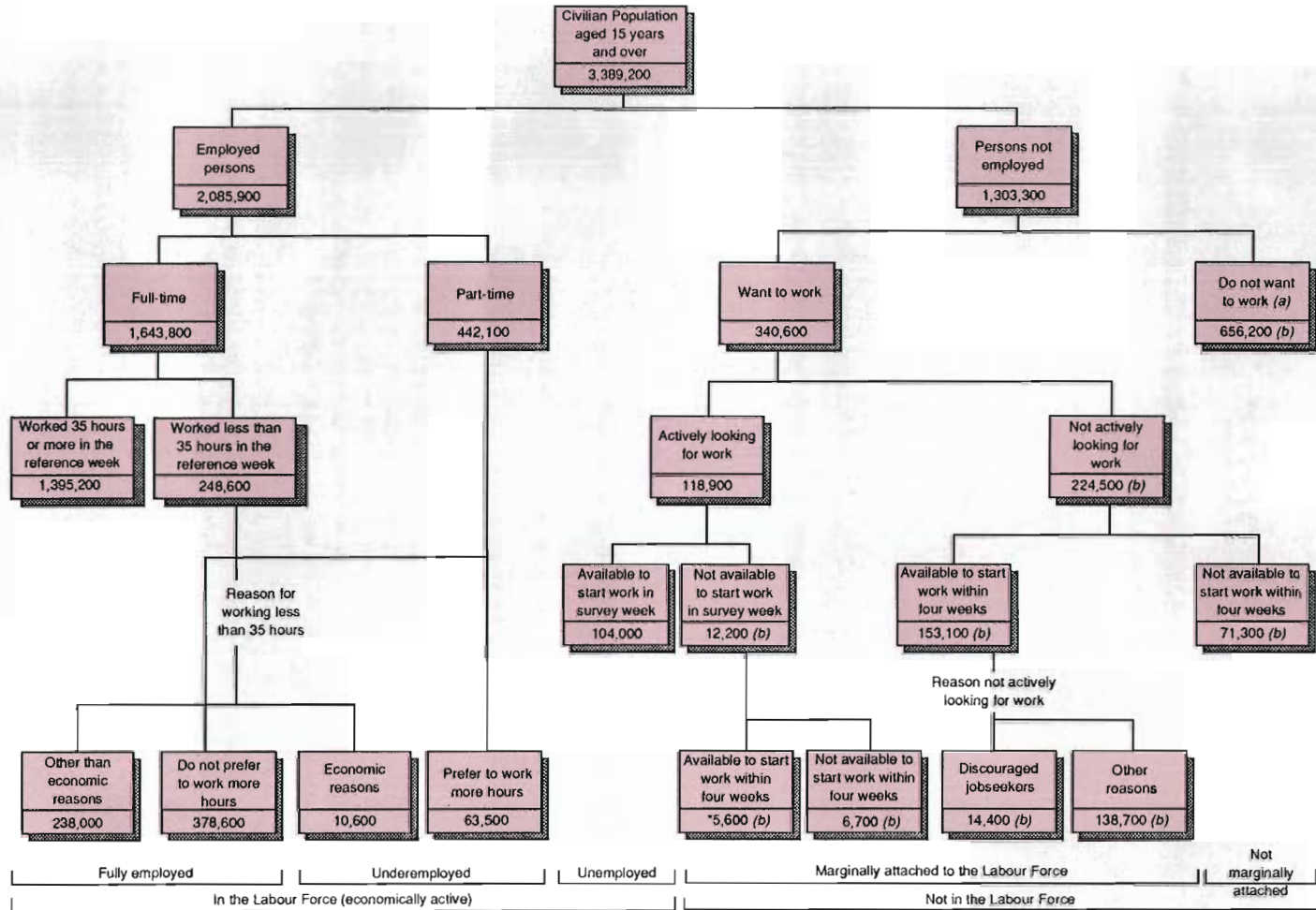
The concept of the labour force is the basis for the measurement of employment and unemployment. The labour force is a measurement of the total official supply of labour which is available to the labour market in a given reference week. It is broadly defined as those persons aged 15 and over who are either employed or unemployed during a particular reference week.

Employment and unemployment

In August 1990 there were 2,073,100 persons employed in Victoria. This figure comprised 1,200,200 males (58 per cent) and 872,900 females (42 per cent). Of the employed females, 61 per cent were married. The number of employed persons in Victoria represented 60 per cent of the civilian population aged 15 years or more, an increase of 2.0 per cent over the August 1980 figure. The increase in this employment/population ratio was due to the increased employment of females, rising from 22 per cent of the civilian population in August 1980 to 25 per cent in August 1990. By comparison, the male employment/population ratio decreased from 36 per cent in August 1980 to 35 per cent in August 1990. Almost 53 per cent of persons employed are in the 25-44 year age group.

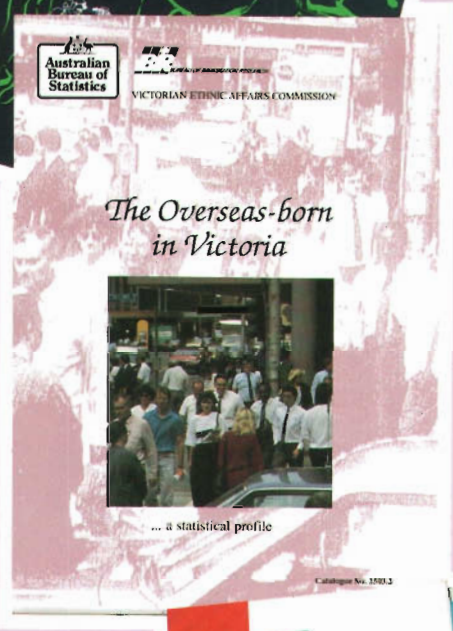
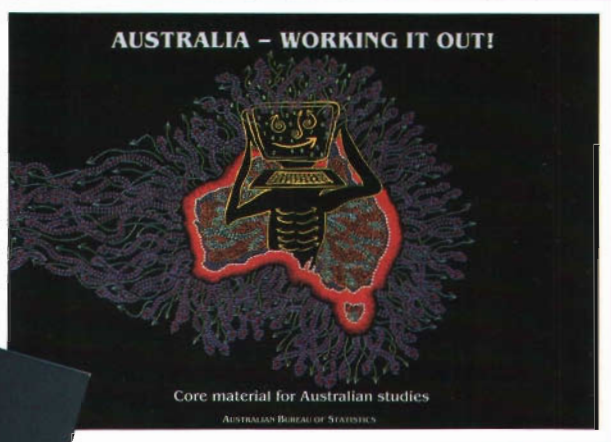
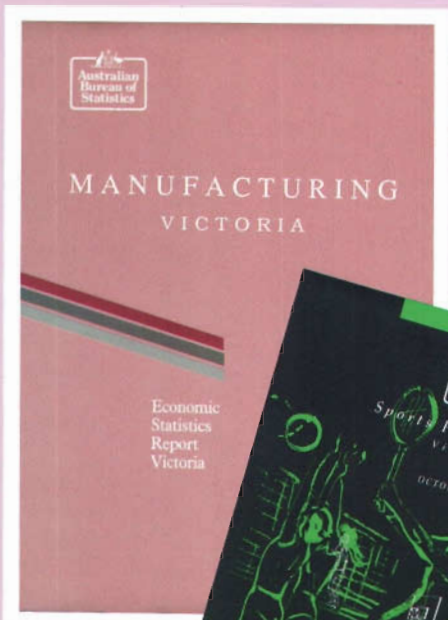
A total of 138,800 Victorians were unemployed in August 1990, compared with 93,600 unemployed in August 1989. Males comprised 53 per cent of the unemployed in August 1990 and females comprised 47 per cent. The majority of unemployed females (62 per cent) were not married.

The trend of declining unemployment rates which had been occurring in Victoria since 1983 has undergone a reversal since August 1989. The August 1990 Victorian unemployment rate of 6.3 per cent increased by almost 2.0 per cent from the August 1989 rate, however it remained below the Australian rate of 7.0 per cent. The unemployment rate for males in August 1990 was 5.8 per cent compared with the rate of 6.9 per cent for females. A significant difference existed in the unemployment rates of married and unmarried women. The unemployment rate for married females was 4.5 per cent compared with a rate of 11.2 per cent for unmarried females.



(a) Includes the institutionalised, boarding school pupils, and persons permanently unable to work. (b) Includes persons aged 15 to 69 only.

Figure 4. The Labour Force framework, Victoria, September 1989



A RANGE OF RECENT PUBLICATIONS PRODUCED BY ABS VICTORIA.

The *Stats Pack* resource kit contains core package material (plus optional extras) aimed at providing accessible and affordable information for a range of VCE subjects.





LABOUR

Top - The changing face of Australia,
Collins Street, Melbourne.
*(Department of Immigration, Local
Government and Ethnic Affairs)*

Left.- Welder on the job.
*(Department of Industry and Economic
Planning)*

Above - Engineering student,
Wangaratta College of TAFE.
(Ministry of Housing and Construction)

TABLE 3.1 EMPLOYED PERSONS, BY AGE, VICTORIA ('000)

Month	Age group (years)								Total	
	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65 and over		
MALES										
1989 -	June	103.5	148.4	322.4	294.6	199.8	70.8	48.1	19.1	1,206.8
	July	101.8	151.7	325.0	293.9	197.0	71.4	46.7	19.4	1,206.9
	August	98.9	142.3	323.0	293.0	203.2	71.3	48.5	17.7	1,197.8
	September	98.4	145.9	324.6	294.2	202.0	74.1	50.4	20.3	1,210.0
	October	98.5	147.7	326.7	294.8	199.0	76.3	48.5	20.3	1,211.8
	November	98.2	143.7	331.3	295.8	202.2	75.1	45.8	20.1	1,212.2
	December	105.6	150.8	328.1	293.8	201.1	72.7	45.3	21.1	1,218.4
1990 -	January	103.3	146.6	324.8	295.3	200.9	70.4	43.0	17.1	1,201.5
	February	100.6	148.7	327.3	298.0	202.6	73.0	46.2	18.9	1,215.3
	March	95.1	148.2	328.5	301.2	206.5	73.3	46.7	19.2	1,218.8
	April	95.7	150.7	330.7	305.6	206.6	72.4	46.7	21.4	1,229.9
	May	92.2	153.6	329.4	303.5	207.9	69.7	44.7	19.0	1,220.0
	June	89.4	153.5	331.2	304.1	208.1	69.0	46.7	19.8	1,222.0
	July	90.1	151.6	326.8	302.8	207.7	71.3	46.4	21.0	1,217.7
	August	85.9	147.3	321.6	302.9	209.2	72.0	46.1	15.3	1,200.2
FEMALES										
1989	June	87.3	128.6	228.0	217.8	130.0	28.7	18.1	5.6	844.1
	July	92.3	132.0	229.5	213.2	130.8	29.1	14.8	6.5	848.1
	August	85.1	130.3	233.1	222.4	129.3	29.4	15.1	7.2	852.0
	September	86.9	132.9	239.2	226.4	134.3	32.0	17.6	6.7	875.9
	October	83.4	133.5	234.2	221.3	134.4	30.4	15.4	7.4	860.1
	November	86.2	131.0	235.2	229.8	131.6	30.3	14.9	6.3	865.3
	December	98.0	134.4	234.2	228.6	130.9	29.3	14.7	7.6	877.7
1990 -	January	97.9	129.5	226.9	221.8	125.2	29.2	15.3	6.5	852.2
	February	91.8	134.0	233.5	226.6	127.8	30.6	15.9	5.6	865.8
	March	89.3	129.4	240.3	230.4	128.8	29.5	16.5	5.0	869.1
	April	86.6	132.1	242.7	233.0	133.5	30.9	17.3	6.8	883.0
	May	87.5	132.0	238.2	236.9	132.8	31.2	18.6	6.0	883.3
	June	79.5	133.1	235.9	234.5	137.7	33.2	17.6	6.7	878.4
	July	86.3	130.5	241.1	238.0	129.8	33.1	17.8	8.9	885.5
	August	79.3	130.1	237.2	233.6	136.1	31.1	19.2	6.3	872.9
PERSONS										
1989 -	June	190.9	277.0	550.4	512.4	329.7	99.6	66.3	24.7	2,051.0
	July	194.1	283.7	554.5	507.1	327.8	100.5	61.4	26.0	2,055.0
	August	184.0	272.6	556.2	515.4	332.6	100.7	63.5	24.8	2,049.8
	September	185.3	278.7	563.8	520.6	336.3	106.1	68.1	27.0	2,085.9
	October	181.9	281.2	560.9	516.1	333.4	106.7	63.9	27.7	2,071.9
	November	184.4	274.8	566.5	525.6	333.8	105.4	60.7	26.4	2,077.6
	December	203.5	285.2	562.2	522.4	332.0	102.0	60.0	28.8	2,096.2
1990 -	January	201.2	276.1	551.7	517.1	326.1	99.6	58.3	23.6	2,053.8
	February	192.4	282.6	560.8	524.6	330.4	103.5	62.2	24.5	2,081.1
	March	184.4	277.6	568.8	531.6	335.2	102.8	63.2	24.2	2,087.9
	April	182.4	282.8	573.4	538.7	340.1	103.3	64.0	28.2	2,112.9
	May	179.8	285.6	567.5	540.4	340.7	100.9	63.3	25.0	2,103.3
	June	168.9	286.6	567.2	538.6	345.9	102.3	64.4	26.6	2,100.4
	July	176.4	282.1	567.9	540.8	337.5	104.4	64.2	29.9	2,103.2
	August	165.2	277.3	558.8	536.5	345.3	103.1	65.3	21.6	2,073.1

Unemployment rates vary markedly by age group. The highest unemployment rates are consistently experienced by persons in the age group 15-19 years. In August 1990, the unemployment rate for this age group was 15.7 per cent compared to rates of 10.4 per cent for those aged 20-24 years, 5.7 per cent for those aged 25-34 and 2.9 per cent for those aged 35 years or more.

In relation to people born overseas, the unemployment rate varies considerably according to the language spoken in the country of origin. Persons from main English-speaking countries experienced an unemployment rate of 3.8 per cent, compared with the rate of 7.9 per cent for persons from countries where English is not the main language and 6.3 per cent for all Victorian persons (including Australian-born).

Within the state, the unemployment rate ranged from 6.0 per cent in the Melbourne Statistical Division (MSD) to 7.1 per cent in country Victoria. Within the MSD, the highest unemployment rate of 9.2 per cent occurred in the Inner Melbourne region and the lowest of 4.0 per cent occurred in the Inner Eastern Melbourne region. In country Victoria, the highest unemployment rate of 7.9 per cent occurred in the Western Victorian region, while the lowest of 6.6 per cent occurred in the Northern Victorian region.

TABLE 3.2 UNEMPLOYED PERSONS: WHETHER LOOKING FOR FULL-TIME OR PART-TIME WORK, VICTORIA
(*000)

August	Males			Females			Persons			Unemployment rate (per cent)
	Looking for full-time work	Looking for part-time work	Total	Looking for full-time work	Looking for part-time work	Total	Looking for full-time work	Looking for part-time work	Total	
1970	7.9	*0.6	8.4	4.2	*3.4	7.5	12.0	*3.9	16.0	1.1
1971	10.2	*1.8	11.9	6.1	*3.4	9.5	16.3	5.2	21.4	1.4
1972	17.5	*2.4	20.0	10.8	6.6	17.5	28.4	9.1	37.4	2.3
1973	7.8	7.2	15.0	8.8	5.3	14.1	16.6	12.4	29.0	1.8
1974	15.9	*2.1	18.0	17.3	6.0	23.3	33.2	8.1	41.3	2.5
1975	29.9	7.1	37.0	27.3	14.8	40.9	57.2	20.8	77.9	4.7
1976	27.9	7.3	35.2	23.3	12.1	35.4	51.2	19.4	70.6	4.2
1977	34.4	7.5	41.9	30.4	17.7	48.1	64.8	25.2	90.0	5.2
1978	47.6	4.1	51.7	34.1	15.0	49.1	81.7	19.0	100.8	5.8
1979	46.1	*3.4	49.4	31.5	14.8	46.3	77.6	18.1	95.7	5.5
1980	49.1	4.1	53.1	38.0	12.8	50.8	87.0	16.9	103.9	5.8
1981	46.1	4.2	50.3	36.7	13.6	50.4	82.8	17.9	100.7	5.5
1982	55.1	7.1	62.3	33.9	13.9	47.8	89.0	21.1	110.1	6.0
1983	86.5	6.0	92.5	52.9	17.8	70.7	139.4	23.8	163.2	8.9
1984	68.7	6.3	75.1	39.4	15.2	54.6	108.1	21.5	129.6	7.0
1985	60.1	5.9	65.9	34.9	16.3	51.2	95.0	22.1	117.1	6.2
1986	65.9	8.2	74.1	38.7	19.5	58.2	104.6	27.7	132.3	6.7
1987	56.3	8.1	64.4	35.7	21.5	57.1	91.9	29.6	121.5	5.9
1988	50.8	6.3	57.1	38.8	19.0	57.8	89.7	25.2	114.9	5.6
1989	42.5	7.2	49.7	24.8	19.1	43.9	67.2	26.3	93.6	4.4
1990	65.9	7.7	73.6	45.2	19.9	65.2	111.1	27.6	138.8	6.3

TABLE 3.3 UNEMPLOYED PERSONS, BY AGE AND SEX, VICTORIA
(’000)

August	Age group (years)											
	15 to 19			20-24			25 and over			Total		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
1970	*2.0	*2.2	4.2	*1.6	*0.9	*2.5	4.7	4.4	9.2	8.4	7.5	16.0
1971	*1.6	*2.6	4.2	*3.0	*1.7	4.7	7.3	5.1	12.5	11.9	9.5	21.4
1972	6.4	*3.9	10.2	*3.3	*3.3	6.6	10.3	10.4	20.6	20.0	17.5	37.5
1973	5.5	4.0	9.5	4.0	*2.0	6.1	5.4	8.0	13.5	15.0	14.1	29.0
1974	4.2	5.8	9.9	*2.8	*3.9	6.8	10.9	13.6	24.5	18.0	23.3	41.3
1975	9.4	15.7	25.1	6.7	6.2	12.9	21.0	19.1	40.0	37.0	40.9	77.9
1976	11.8	12.2	24.0	7.5	6.0	13.6	15.9	17.1	33.0	35.2	35.4	70.6
1977	13.5	19.2	32.7	6.4	9.5	15.9	22.0	19.4	41.4	41.9	48.1	90.0
1978	15.8	16.4	32.3	10.8	10.1	20.9	25.1	22.6	47.6	51.7	49.1	100.8
1979	13.5	16.9	30.4	10.2	8.0	18.2	25.7	21.4	47.1	49.4	46.3	95.7
1980	15.4	16.0	31.3	14.3	10.6	24.9	23.0	24.1	47.1	52.7	50.6	103.3
1981	13.6	16.7	30.5	11.8	10.5	22.3	24.7	23.2	47.8	50.3	50.4	100.7
1982	18.3	13.4	31.8	15.2	9.6	24.8	28.7	24.8	53.5	62.3	47.8	110.1
1983	20.4	24.0	44.3	20.3	13.8	34.0	51.9	33.0	84.9	92.5	70.7	163.2
1984	18.6	18.5	37.1	15.5	11.9	27.4	41.0	24.1	65.1	75.1	54.6	129.6
1985	17.5	14.5	32.0	12.7	11.1	23.8	35.7	25.6	61.3	65.9	51.2	117.1
1986	21.0	16.9	38.0	14.5	11.0	25.4	38.6	30.3	68.9	74.1	58.2	132.3
1987	16.2	16.7	32.9	10.7	12.5	23.2	37.5	28.0	65.5	64.4	57.1	121.5
1988	13.7	15.1	28.8	12.0	11.8	23.7	31.5	30.9	62.3	57.1	57.8	114.9
1989	13.5	14.0	27.5	10.6	7.8	18.4	25.6	22.0	47.7	49.7	43.9	93.6
1990	16.5	14.5	30.9	18.1	15.4	33.5	39.0	35.4	74.4	73.6	65.2	138.8

UNEMPLOYMENT RATES, VICTORIA AND AUSTRALIA
(August)

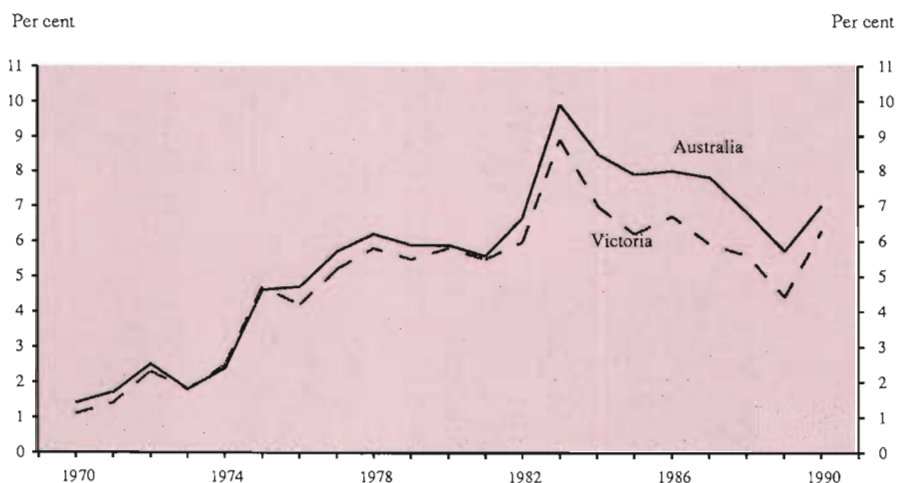


TABLE 3.4 YOUTH UNEMPLOYMENT: UNEMPLOYED PERSONS AGED 15-19 YEARS BY DURATION OF UNEMPLOYMENT AND SCHOOL ATTENDANCE, VICTORIA AUGUST 1989

Particulars	Males	Females	Persons
	Number ('000)		
Duration of unemployment -			
Under 13 weeks	7.4	6.9	14.3
13 weeks and under 52	*4.1	5.3	9.3
52 weeks and over	*2.1	*1.8	*3.9
Total	13.5	14.0	27.5
	Duration of unemployment (weeks)		
Average mean duration	22.1	20.8	21.4
Median duration	*8.0	*13.0	12.0
	Number ('000)		
School attendance			
Attending -	5.1	5.7	10.8
Not attending -			
Left before 1988	*4.3	*3.8	8.2
Left from 1988 to survey date	*4.0	4.5	8.5
Total	13.5	14.0	27.5

TABLE 3.5 CIVILIAN POPULATION AGED 15 YEARS AND OVER BY LABOUR FORCE STATUS, VICTORIAN REGIONS, AUGUST 1990

	Employed			Unemp- loyed ('000)	Labour force ('000)	Not in labour force ('000)	Unemp- loyment rate (Per cent)	Partici- pation rate (Per cent)
	Full- time ('000)	Part- time ('000)	Total ('000)					
MALES								
Melbourne Statistical Division -	784.0	72.6	856.6	51.2	907.8	289.8	5.6	75.8
Outer Western Melbourne	114.9	7.1	122.0	9.8	131.8	42.3	7.4	75.7
North Western Melbourne	62.0	5.5	67.5	6.2	73.7	21.8	8.4	77.1
Inner Melbourne	49.1	8.2	57.3	5.4	62.7	21.9	8.7	74.1
North Eastern Melbourne	105.0	8.1	113.0	5.7	118.7	35.7	4.8	76.9
Inner Eastern Melbourne	108.6	14.9	123.5	4.4	127.8	42.7	3.4	75.0
Southern Melbourne	82.6	8.9	91.5	4.8	96.3	49.9	5.0	65.9
Outer Eastern Melbourne	123.5	10.8	134.3	5.9	140.2	27.4	4.2	83.7
Mornington Peninsula	138.3	9.3	147.6	8.9	156.5	48.0	5.7	76.5
Balance of Victoria -	318.8	24.8	343.6	22.4	366.0	123.4	6.1	74.8
South Western Victoria	80.9	5.5	86.5	6.2	92.6	35.7	6.7	72.2
Western Victoria	68.4	5.6	73.9	5.6	79.6	27.1	7.1	74.6
Northern Victoria	100.6	10.5	111.1	5.3	116.4	36.4	4.5	76.2
Eastern Victoria	68.9	*3.2	72.1	5.4	77.4	24.3	6.9	76.1
Total	1,102.8	97.4	1,200.2	73.3	1,273.8	413.3	5.8	75.5

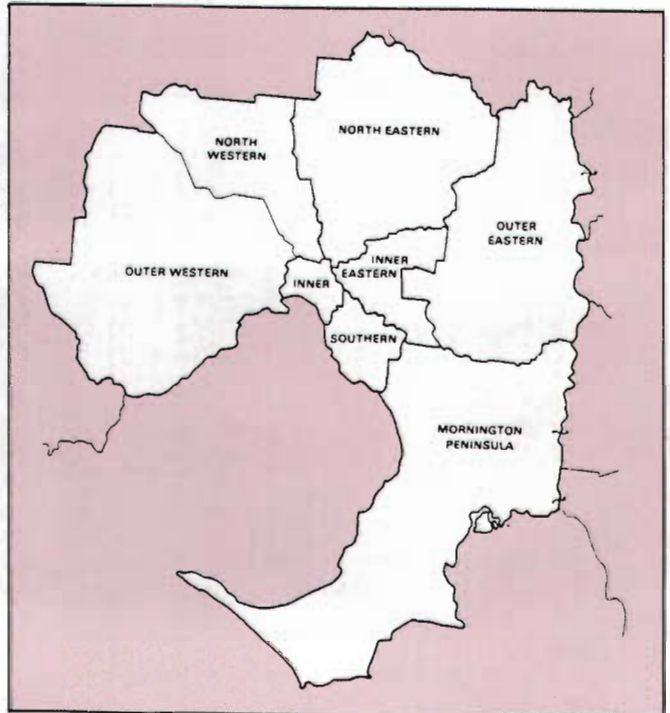
TABLE 3.5 CIVILIAN POPULATION AGED 15 YEARS AND OVER BY LABOUR FORCE STATUS, VICTORIAN REGIONS, AUGUST 1990 - *continued*

	Employed			Unemp- loyed (<i>'000</i>)	Labour force (<i>'000</i>)	Not in labour force (<i>'000</i>)	Unemp- loyment rate (Per cent)	Partici- pation rate
	Full- time (<i>'000</i>)	Part- time (<i>'000</i>)	Total (<i>'000</i>)					
MARRIED FEMALES								
Melbourne Statistical Division -	218.7	160.5	379.2	16.2	395.4	300.7	4.1	56.8
Outer Western Melbourne	32.3	21.1	53.3	*2.3	55.6	47.1	*4.1	54.1
North Western Melbourne	17.4	10.7	28.1	*1.0	29.1	23.9	*3.5	54.9
Inner Melbourne	11.8	3.6	15.4	*1.3	16.7	12.9	*8.0	56.4
North Eastern Melbourne	30.4	22.1	52.4	*2.3	54.7	41.9	*4.2	56.6
Inner Eastern Melbourne	30.0	25.2	55.1	*1.8	57.0	38.4	*3.2	59.7
Southern Melbourne	23.6	16.5	40.1	*1.2	41.4	38.7	*3.0	51.7
Outer Eastern Melbourne	33.3	32.2	65.5	*2.0	67.6	39.5	*3.0	63.1
Mornington Peninsula	40.0	29.2	69.2	4.2	73.4	58.2	5.7	55.8
Balance of Victoria -	74.1	75.4	149.5	8.5	157.9	147.3	5.4	51.7
South Western Victoria	15.4	18.0	33.4	*1.2	34.6	41.5	*3.5	45.5
Western Victoria	16.4	15.6	32.0	*2.0	34.0	31.1	*5.9	52.2
Northern Victoria	28.4	24.7	53.1	*3.7	56.8	40.3	*6.6	58.5
Eastern Victoria	13.9	17.1	31.0	*1.5	32.5	34.4	*4.6	48.6
Total	292.8	235.9	528.7	24.7	553.4	447.9	4.5	55.3
ALL FEMALES								
Melbourne Statistical Division -	415.5	235.8	651.3	44.3	695.6	553.3	6.4	55.7
Outer Western Melbourne	60.2	29.0	89.2	8.0	97.2	82.1	8.2	54.2
North Western Melbourne	33.6	15.8	49.4	3.2	52.6	45.7	6.1	53.5
Inner Melbourne	39.5	11.0	50.5	5.5	56.0	36.1	9.8	60.8
North Eastern Melbourne	55.1	30.7	85.8	6.1	91.9	73.4	6.7	55.6
Inner Eastern Melbourne	59.1	38.3	97.4	4.8	102.1	74.6	4.7	57.8
Southern Melbourne	46.6	27.1	73.7	*2.9	76.6	76.6	*3.7	50.0
Outer Eastern Melbourne	59.1	45.1	104.2	6.0	110.1	69.3	5.4	61.4
Mornington Peninsula	62.4	38.8	101.2	7.9	109.0	95.5	7.2	53.3
Balance of Victoria -	121.8	99.8	221.6	20.9	242.5	256.4	8.6	48.6
South Western Victoria	33.2	25.6	58.8	4.7	63.5	72.7	7.4	46.6
Western Victoria	23.6	21.2	44.8	*4.5	49.3	52.2	*9.1	48.6
Northern Victoria	42.3	29.9	72.2	7.7	79.9	76.1	9.7	51.2
Eastern Victoria	22.8	23.0	45.8	*3.9	49.8	55.4	*7.9	47.3
Total	537.4	335.5	872.9	65.2	938.1	809.8	6.9	53.7
PERSONS								
Melbourne Statistical Division -	1,199.5	308.4	1,507.9	95.5	1,603.4	843.1	6.0	65.5
Outer Western Melbourne	175.1	36.1	211.2	17.8	228.9	124.4	7.8	64.8
North Western Melbourne	95.6	21.3	116.9	9.4	126.3	67.6	7.5	65.1
Inner Melbourne	88.6	19.2	107.8	10.9	118.7	58.0	9.2	67.2
North Eastern Melbourne	160.1	38.7	198.8	11.9	210.6	109.1	5.6	65.9
Inner Eastern Melbourne	167.7	53.2	220.8	9.1	230.0	117.3	4.0	66.2
Southern Melbourne	129.3	36.0	165.2	7.7	172.9	126.5	4.4	57.7
Outer Eastern Melbourne	182.5	55.9	238.5	11.9	250.3	96.6	4.7	72.2
Mornington Peninsula	200.7	48.1	248.8	16.8	265.6	143.6	6.3	64.9
Balance of Victoria -	440.6	124.6	565.2	43.3	608.5	379.9	7.1	61.6
South Western Victoria	114.1	31.1	145.2	10.9	156.1	108.4	7.0	59.0
Western Victoria	91.9	26.8	118.7	10.1	128.9	79.3	7.9	61.9
Northern Victoria	142.9	40.4	183.3	13.0	196.3	112.5	6.6	63.6
Eastern Victoria	91.7	26.2	117.9	9.3	127.2	79.7	7.3	61.5
Total	1,640.1	432.9	2,073.1	138.8	2,211.8	1,223.0	6.3	64.4



Figure 5(a) Labour Force Regions, Victoria

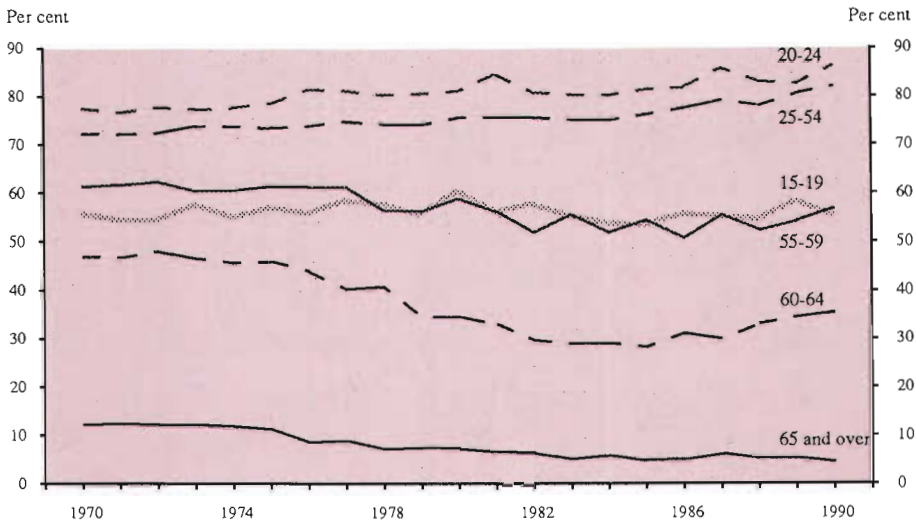
Figure 5(b) Labour Force Regions, Melbourne Statistical Division



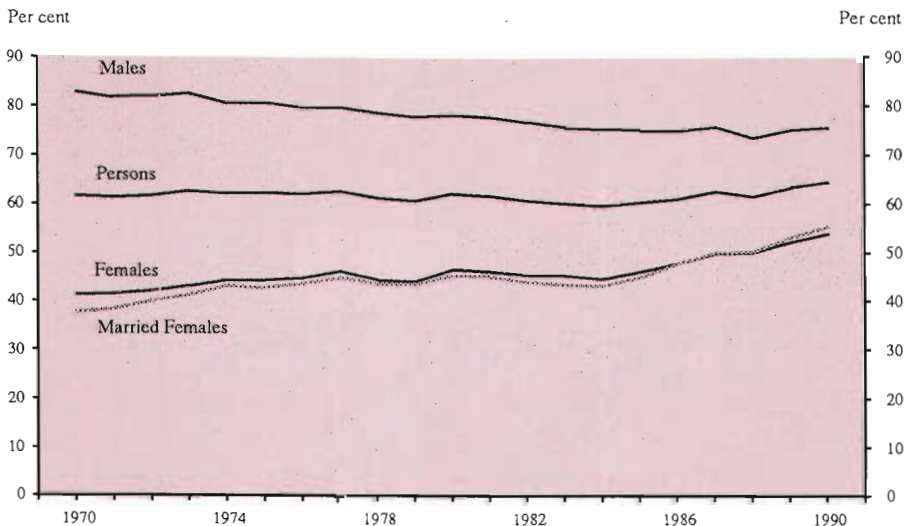
Participation rate

In the last 21 years the movement in participation rates varied according to age. The participation rates of the older age groups (55 years and over) have declined, with the most marked change occurring in the 60-64 year age group, where the participation rate declined from 46.3 per cent in August 1969 to 28.2 per cent in August 1985. The participation rate for this group has since increased to 35.3 per cent in August 1990. In the 15-19 year age group participation rates fluctuated between 53.3 per cent and 60.1 per cent, while the 20-54 year age group showed a slight but generally consistent increase.

**PARTICIPATION RATES BY AGE, VICTORIA
(August)**



**PARTICIPATION RATES BY SEX, VICTORIA
(August)**



During the last 21 years women have played an increasingly significant role in the labour force. The participation rate for all females rose from 39.6 per cent in August 1969 to 53.7 per cent in August 1990, while the rate for married females increased from 35.1 per cent to 55.0 per cent over the same period. The rate for males declined from 82.2 per cent in August 1969 to 75.5 per cent in August 1990.

Industry and occupation

Between 1985 and 1990 the number of employed wage and salary earners in Victoria increased by 17 per cent. Most industries showed an increase; the three most notable examples being Construction (rising by 41 per cent), Finance, property and business services (increasing by 43 per cent), and Recreation, personal and other services (increasing by 40 per cent). The largest decline was recorded for Electricity, gas and water (down by 29 per cent).

Over the 12 month period from August 1989 to August 1990, the greatest increase in the number of employed wage and salary earners (27 per cent) occurred in the Agriculture, and services to agriculture industry. The largest decrease of 15 per cent was recorded for the Metal products subdivision of the Manufacturing industry, followed by a 14 per cent decrease for the Transport and storage industry.

In August 1990, 37 per cent of people in the Community services industry were professionals, while only 4 per cent of persons in the Wholesale and retail industry were classified as professionals. In the Manufacturing industry 43 per cent of employed persons were plant operators or labourers, while in the Construction industry the corresponding figure was just over 21 per cent.

TABLE 3.6 EMPLOYED WAGE AND SALARY EARNERS BY INDUSTRY, VICTORIA
(⁰⁰⁰)

Industry division or subdivision	August					
	1985	1986	1987	1988	1989	1990
Agriculture, forestry, fishing, and hunting - Agriculture, and services to agriculture	28.3	22.8	24.3	20.3	23.4	27.8
Mining	5.8	5.1	7.5	5.4	6.5	5.9
Manufacturing - Food, beverages, and tobacco	380.7	353.2	371.0	386.8	386.0	373.9
Metal products	54.1	41.3	52.3	48.1	42.4	45.9
Other manufacturing	43.0	41.9	47.3	47.9	50.2	42.8
Electricity, gas, and water	283.6	270.1	271.4	290.7	293.4	285.2
Construction	40.2	40.5	33.4	33.9	31.9	28.6
Wholesale and retail trade - Wholesale trade	68.3	77.3	76.6	79.6	93.9	96.1
Retail trade	277.8	276.1	294.9	316.9	344.3	353.4
Transport and storage	99.7	90.2	98.1	109.0	107.7	113.4
Communication	178.1	185.8	196.8	207.9	236.7	240.1
Finance, property, and business services	69.8	79.8	77.7	73.2	82.7	70.9
Public administration and defence	36.5	38.3	39.7	34.6	41.3	40.1
Community services	145.6	167.7	173.7	186.4	205.4	208.5
Recreation, personal, and other services	89.0	87.9	96.1	85.6	84.1	95.9
Total employed	298.0	311.3	341.1	322.6	333.4	362.3
	74.5	71.1	89.2	79.9	106.6	104.4
	1,514.4	1,531.1	1,625.3	1,625.2	1,739.4	1,767.8

TABLE 3.7 EMPLOYED PERSONS: INDUSTRY BY OCCUPATION, VICTORIA, AUGUST 1990
(^{'000})

Industry division or sub-division	Occupation group								Total
	Managers and administrators	Professionals	Para- professionals	Trades persons	Clerks	Salespersons and personal service workers	Plant and machine operators and drivers	Labourers and related workers	
Agriculture, forestry, fishing, and hunting -	63.6	*0.5	*2.1	*2.6	*2.8	*0.0	*1.4	23.9	96.9
Agriculture and services									
to agriculture	63.3	*0.0	*1.3	*2.6	*2.8	*0.0	*0.8	22.9	93.7
Mining	*0.2	*0.8	*0.8	*0.6	*0.8	*0.0	*2.3	*0.5	6.0
Manufacturing -	32.7	26.0	10.5	101.7	41.3	12.2	77.5	90.9	392.8
Food, beverages, and tobacco	*3.5	*1.7	*1.3	9.5	*3.5	*2.0	8.6	17.7	47.7
Metal products	*3.5	*2.9	*1.1	18.4	*3.3	*0.8	7.3	7.3	44.5
Other manufacturing	25.7	21.4	8.1	73.9	34.5	9.5	61.6	66.0	300.6
Electricity, gas, and water	*0.5	*4.2	*2.8	7.2	*4.0	*0.0	4.5	5.3	28.6
Construction	11.5	*2.7	*3.3	82.4	16.6	*1.8	8.7	22.9	149.9
Wholesale and retail trade -	65.4	16.4	6.7	67.0	47.3	165.9	16.9	42.8	428.4
Wholesale trade	19.6	11.9	*4.3	14.9	23.3	28.4	10.2	13.2	125.9
Retail trade	45.7	4.5	*2.4	52.0	24.0	137.5	6.7	29.6	302.5
Transport and storage	5.1	4.7	*4.1	8.2	14.8	8.6	31.7	10.8	87.8
Communication	*2.5	4.5	4.9	10.6	16.2	*1.0	*0.8	*0.5	41.0
Finance, property, and business services	20.1	54.0	8.1	4.8	91.4	42.3	*2.1	16.7	239.5
Public administration and defence	5.2	11.6	12.0	8.0	29.0	6.8	7.4	16.0	95.9
Community services	7.7	140.7	75.8	13.6	52.3	36.7	4.9	44.4	376.1
Recreation, personal, and other services	16.2	15.0	*4.4	25.1	8.8	37.5	*1.7	21.5	130.2
Total employed	230.6	281.3	135.5	331.7	325.3	312.8	159.7	296.2	2,073.1

LABOUR

Earnings and hours

In Victoria, in August 1990, the average weekly hours worked by employed wage and salary earners was 35.0 hours. This has changed marginally in the five years since 1985. However the average weekly hours worked varied considerably by industry. The highest average of 39.9 hours was worked by employees in the Transport and storage industry. At the other end of the scale, average hours per week in the Retail trade and Recreation, personal and other services industries were just below 30.0. This reflects the greater usage of casual and part-time employees in these industries. Compared with the average weekly hours worked in August 1989, the greatest decline from 45.7 to 36.7 hours worked was recorded for the Mining industry.

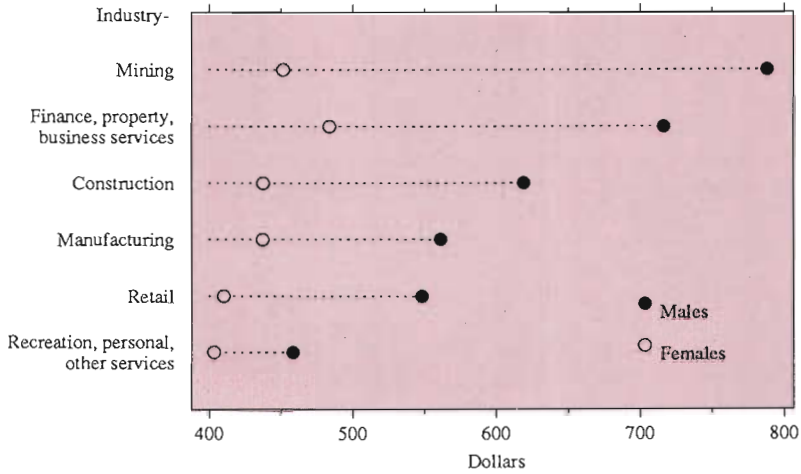
The highest average weekly earnings of \$764.10 was recorded by full-time employees in the Mining industry. The lowest average of \$437.40 was recorded for employees in the Recreation, personal and other services industry. All industry divisions recorded an increase in average weekly earnings from February 1989 to February 1990, except the Mining and Chemical, petroleum and coal products industries. Within the Manufacturing division, average weekly earnings varied substantially from \$468.80 in the Textile, clothing and footwear subdivision, to \$633.10 in the Basic metal products subdivision. The greatest increase in average weekly earnings (18 per cent) was recorded by the Electricity, gas and water industry. Average weekly earnings for females were consistently lower than the average for males, with wide variations occurring between industry divisions. The largest difference was recorded in the Mining industry, where the average weekly earnings for females represented only 57 per cent of the male average. The smallest difference was in the Recreation, personal and other services industry, where the average for females was 88 per cent of the male average.

In August 1989, 10 per cent of wage and salary earners aged 15 to 19 years earned \$360 or more per week, compared with 73 per cent of this age group who earned between \$120 and \$280 per week. Of wage and salary earners aged 20-24 years, 57 per cent earned in excess of \$360 per week compared with 46 per cent in August 1988. Overall, 229,100 wage and salary earners earned \$640 or more per week, a 46 per cent increase since August 1988. Of wage and salary earners who earned \$640 per week, 67 per cent were aged 25-44 years.

TABLE 3.8 AVERAGE WEEKLY HOURS WORKED BY EMPLOYED WAGE AND SALARY EARNERS BY INDUSTRY, VICTORIA
(hours)

Industry division or subdivision	August					
	1985	1986	1987	1988	1989	1990
Agriculture and services to agriculture	39.4	39.5	37.6	38.6	37.6	37.2
Mining	41.7	41.1	42.7	37.6	45.7	36.7
Manufacturing -	37.6	38.1	37.7	38.5	39.0	38.7
Food, beverage, and tobacco	36.8	38.1	35.2	37.6	36.9	38.8
Metal products	38.0	39.2	39.4	39.8	39.7	38.4
Other manufacturing	37.6	37.9	37.9	38.4	39.1	38.7
Electricity, gas, and water	35.2	36.6	36.7	33.0	37.5	34.6
Construction	36.3	38.2	38.0	36.6	38.9	38.6
Wholesale and retail trade -	33.4	34.0	32.7	32.9	32.4	32.6
Wholesale trade	38.5	38.7	39.2	38.7	38.4	38.6
Retail trade	30.5	31.7	29.5	29.8	29.6	29.8
Transport and storage	38.0	38.3	38.4	38.9	38.5	39.9
Communication	34.8	34.1	33.1	34.1	35.0	34.8
Finance, property, and business services	36.6	37.4	35.4	35.9	37.2	37.3
Public administration and defence	31.6	32.9	31.9	33.8	32.3	32.2
Community services	31.9	32.3	32.4	32.6	33.0	32.3
Recreation, personal, and other services	29.8	31.1	29.6	31.1	30.0	29.5
Total	34.7	35.4	34.6	35.0	35.3	35.0

**AVERAGE WEEKLY EARNINGS: FULL-TIME ADULT EMPLOYEES
BY INDUSTRY BY GENDER, FEBRUARY 1990, VICTORIA**



**LARGEST PROPORTIONAL INCREASES IN EMPLOYED WAGE AND
SALARY EARNERS BY INDUSTRY, 1985 TO 1990, VICTORIA**

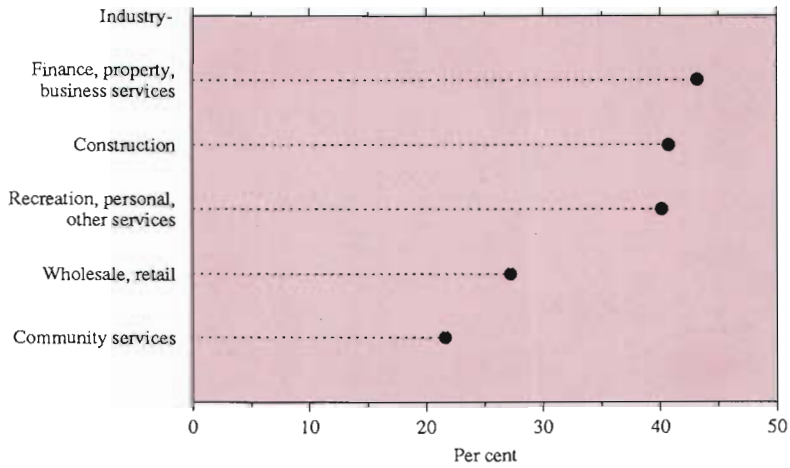


TABLE 3.9 AVERAGE WEEKLY EARNINGS: FULL TIME ADULT EMPLOYEES BY INDUSTRY, VICTORIA
(\$)

Industry	February 1988			February 1989			February 1990		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
Mining	770.00	574.70	754.90	832.60	530.90	799.50	788.2	451.9	764.1
Manufacturing -									
Food, beverage, and tobacco	516.60	386.50	478.90	530.30	417.50	504.10	561.2	437.6	524.8
Textile, clothing, and footwear	504.30	309.00	390.10	508.60	363.10	419.90	519.5	399.6	468.8
Paper, paper products, printing and publishing	583.10	389.70	531.20	584.10	411.00	535.70	633.8	463.6	581.3
Chemical, petroleum, and coal products	602.30	427.60	558.10	731.30	488.90	675.20	644.3	513.5	611.4
Metal products, machinery, and equipment -									
Basic metal products	607.30	427.70	586.70	636.00	459.40	614.00	655.4	509.2	633.1
Fabricated metal products, other machinery, etc.	500.20	364.00	462.50	554.10	388.90	510.70	556.1	414.5	524.9
Transport equipment	525.30	354.30	495.70	531.90	398.30	503.90	607.6	423.7	565.8
Total metal products etc.	521.00	364.30	485.70	555.60	395.70	518.70	584.4	424.3	549.7
Other manufacturing	468.00	367.20	446.90	554.50	393.50	503.80	574.9	438.7	536.9
Total manufacturing	520.40	356.80	472.90	555.00	394.30	510.00	579.1	433.6	542.3
Electricity, gas, and water	553.60	415.50	540.50	573.70	436.30	560.60	679.8	496.0	660.4
Construction	536.80	395.90	523.00	576.10	473.10	568.90	619.0	437.7	598.8
Wholesale trade	489.90	388.30	461.60	555.90	407.20	519.70	561.8	442.2	533.5
Retail trade	434.70	343.40	404.10	495.40	370.40	444.80	548.5	410.1	495.4
Transport and storage, communication	493.50	445.20	485.70	534.40	466.10	523.20	566.2	432.9	540.5
Finance, property and business services	628.20	433.50	550.50	679.40	460.80	586.80	716.0	484.0	613.1
Public administration, community services, etc.	574.00	478.40	525.40	597.80	496.80	546.40	647.2	534.5	587.5
Recreation, personal and other services	495.50	387.00	455.10	449.10	371.90	414.20	458.6	403.4	437.4
Total all industries	531.30	420.10	494.10	571.20	444.60	527.70	603.9	478.6	561.0

TABLE 3.10 EMPLOYED WAGE AND SALARY EARNERS BY SECTOR: VICTORIA
(^{'000})

	<i>Commonwealth Government</i>	<i>State Government</i>	<i>Local Government</i>	<i>Total Public sector</i>	<i>Private sector</i>	<i>Total</i>
1986 -						
August	102.1	313.8	42.8	458.7	1,111.0	1,569.7
November	100.4	310.5	42.8	453.7	1,119.6	1,573.3
1987 -						
February	101.1	303.3	42.7	447.1	1,120.5	1,567.7
May	99.9	312.7	43.2	455.8	1,148.2	1,604.0
August	99.8	313.5	44.0	457.2	1,162.2	1,619.4
November	98.5	310.9	43.9	453.2	1,186.4	1,639.7
1988 -						
February	99.4	304.7	43.8	448.0	1,194.6	1,642.5
May	97.8	314.0	43.9	455.7	1,196.7	1,652.4
August	97.3	318.0	44.2	459.6	1,225.4	1,685.0
November	97.4	316.9	44.5	458.8	1,254.6	1,713.4
1989 -						
February	97.1	304.5	44.5	446.1	1,269.3	1,715.3
May	94.8	313.8	45.2	453.8	1,257.1	1,710.9
August	93.0	317.2	45.8	456.0	1,278.1	1,734.2
November	92.0	316.0	46.0	454.0	1,278.0	1,732.0
1990 -						
February	94.4	308.1	45.7	448.2	1,261.2	1,709.3

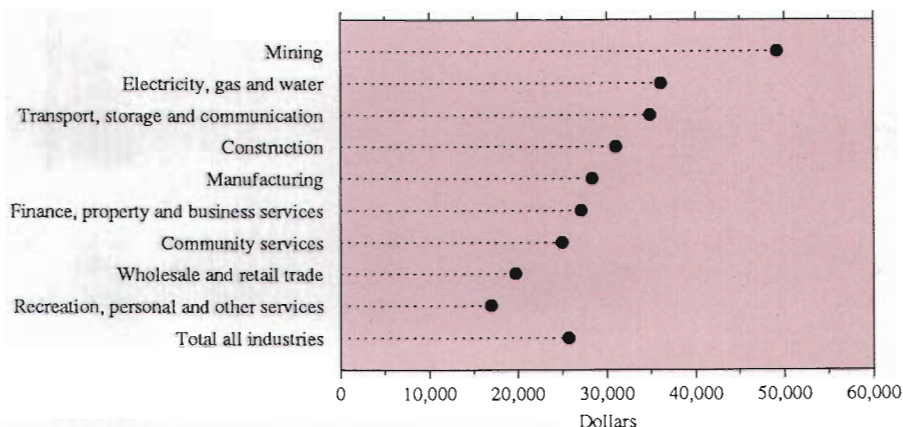
TABLE 3.11 WEEKLY EARNINGS OF ALL WAGE AND SALARY EARNERS WHO
WORKED FULL TIME IN THEIR MAIN JOB, BY AGE, VICTORIA, AUGUST 1989
(^{'000})

<i>Weekly earnings (\$)</i>	<i>Age group (years)</i>						<i>55 and over</i>	<i>20 and over</i>	<i>Total</i>
	<i>15-19</i>	<i>20-24</i>	<i>25-34</i>	<i>35-44</i>	<i>45-54</i>				
Under 120	*2.3	*1.5	*2.3	*1.6	*2.6	*1.3	9.4	11.7	
120 and under 160	11.1	*2.8	*2.1	*1.2	*2.5	*1.3	10.0	21.1	
160 and under 200	20.4	4.9	*4.2	*1.0	*2.8	*1.1	13.9	34.2	
200 and under 240	23.9	8.2	6.3	5.6	*1.7	*2.6	24.4	48.3	
240 and under 280	20.8	13.4	9.3	8.7	7.0	*3.0	41.3	62.1	
280 and under 320	10.3	28.3	28.9	18.6	17.9	5.8	99.6	109.9	
320 and under 360	5.3	32.2	43.3	26.9	20.0	15.0	137.5	142.8	
360 and under 400	*3.9	28.6	37.8	31.6	22.9	12.9	133.9	137.8	
400 and under 440	*2.6	28.5	40.5	32.3	22.8	16.5	140.6	143.2	
440 and under 480	*1.3	18.3	37.8	22.7	16.6	10.2	105.5	106.8	
480 and under 520	*1.0	15.3	34.1	33.1	15.2	7.8	105.5	106.5	
520 and under 560	*0.3	10.5	35.6	25.4	15.0	7.3	93.9	94.1	
560 and under 600	*0.5	*3.5	21.6	20.9	9.0	*3.8	58.8	59.4	
600 and under 640	*0.3	*3.6	20.9	25.1	9.1	*2.9	61.6	61.8	
640 and under 680	*0.0	*2.7	13.6	15.9	7.0	*3.9	43.2	43.2	
680 and under 720	*0.0	*2.5	14.4	11.3	10.1	*2.6	41.0	41.0	
720 and under 760	*0.0	*0.8	12.2	6.8	4.5	*1.7	25.9	25.9	
760 and under 800	*0.0	*1.4	9.0	11.3	6.4	*2.4	30.6	30.6	
800 and over	*0.3	*4.1	24.7	33.4	19.2	6.7	88.1	88.4	
Total	104.2	211.2	398.5	333.4	212.5	109.0	1,264.6	1,368.8	
Mean weekly earnings (\$)	245	401	503	550	511	474	497	478	

Labour costs

In Victoria, the total major labour costs per employee for 1988-89 averaged \$25,750. Of this, \$22,782 (88.5 per cent) was paid as earnings. The remaining labour costs comprised superannuation of \$1,211 per employee (4.7 per cent), payroll tax of \$951 per employee (3.7 per cent), workers compensation of \$620 per employee (2.4 per cent) and fringe benefits tax of *\$185 per employee (0.7 per cent).

TOTAL LABOUR COSTS PER EMPLOYEE (PUBLIC AND PRIVATE SECTOR), BY INDUSTRY, VICTORIA, 1988-89



Labour force experience

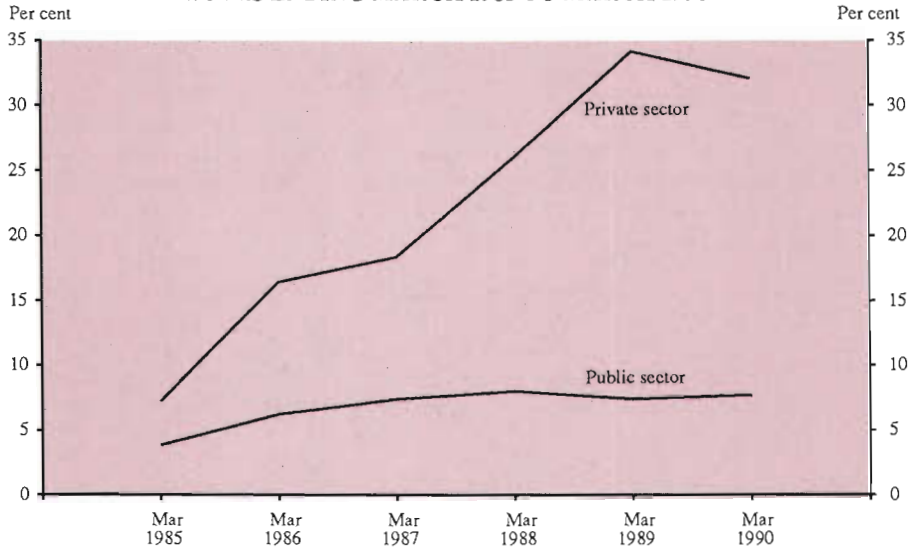
During the 12 months ending February 1989 in Victoria, there were 2,294,100 persons who had been in the labour force at some time. Of these, 67 per cent had worked for the whole period and 28 per cent had worked for part of that period. Of the 359,400 persons who looked for work at some time during the year, 9 per cent had looked for work for the whole 12 months. The proportion of persons who had looked for work during the year decreased with age, while the average duration of looking for work increased. Of those who had looked for work, 15-19 year olds comprised 29 per cent with an average duration of 13 weeks, while persons aged 55 years and over comprised 5 per cent with an average duration of 31 weeks.

Aggregate participation rates for married and non-married persons were each 70 per cent, but differences emerged for particular age and gender groups. Married males had higher participation rates than non-married males in all age groups except the 60-64 year age group. In the 45-54 year age group the participation rate for married males was 91 per cent compared with 85 per cent for non-married males. Conversely, married females had lower participation rates than non-married females in most age groups. The largest difference was in the 20-24 year age group, where married females had a participation rate of 79 per cent compared with 92 per cent for non-married females.

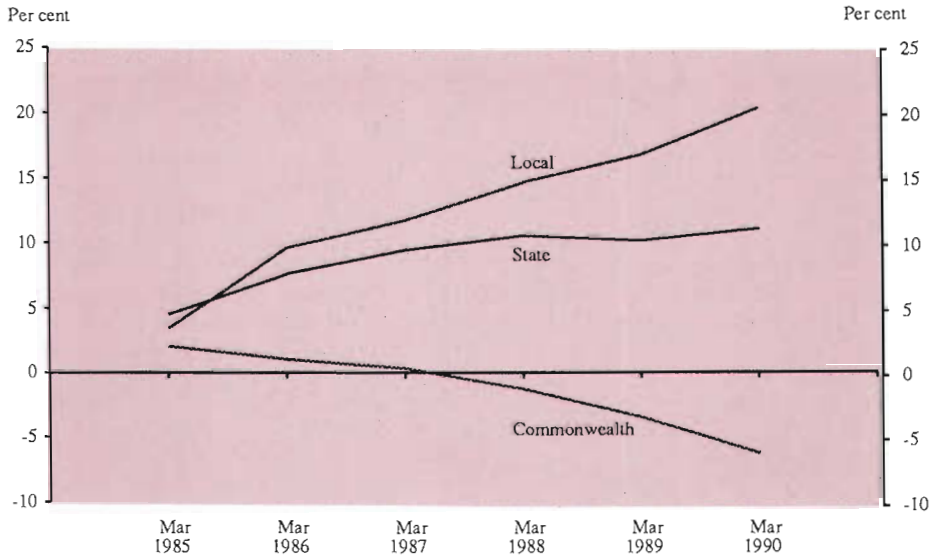
Labour mobility

In Victoria, 2,019,600 persons were employed in February 1989. Of those employed persons, 26 per cent had been in their current job less than 12 months, while 23 per cent had held their current job for 10 years or more. Only 15 per cent of females had held their current job for 10 years or more, compared

**CUMULATIVE GROWTH IN THE NUMBER OF EMPLOYEES
SINCE MARCH 1984 BY SECTOR: VICTORIA,
YEARS ENDING MARCH 1985 TO MARCH 1990**



**CUMULATIVE PERCENTAGE CHANGE IN THE NUMBER OF EMPLOYEES
IN THE PUBLIC SECTOR SINCE MARCH 1984, VICTORIA,
YEARS ENDING MARCH 1985 TO MARCH 1990**



with 29 per cent of males. Of the 333,500 people who were working in February 1989, but had held their current job for less than one year, 62 per cent had changed jobs within the same industry division, while 38 per cent had changed industry divisions.

Of the 2,178,900 persons who worked at some time during the year ending February 1989, 525,400 (24 per cent) ceased a job during the year. Of those who had left a job, 380,400 (72 per cent) had left voluntarily (job leavers), while 145,000 (28 per cent) had left involuntarily (job losers). Job losers were predominantly persons who had been retrenched (80,100 or 55 per cent). The highest rate of retrenchment (61 per cent) was experienced by persons who had been in their job for less than one year.

Education and labour force status

The level of educational attainment has a significant effect on the labour force status of Australian people. In Victoria, at February 1990, 1,167,800 persons had post-school qualifications whilst 1,726,800 did not have post-school qualifications. The participation rate of persons with post-school qualifications was 82.6 per cent, substantially higher than the participation rate of 67.3 per cent for persons without post-school qualifications. Similarly, persons with post-school qualifications

TABLE 3.12 LEAVERS OF EDUCATIONAL INSTITUTIONS WHO WERE AGED 15 TO 64 YEARS AND EMPLOYED: INDUSTRY AND OCCUPATION OF CURRENT JOB AND FULL-TIME OR PART-TIME STATUS BY TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN 1988, VICTORIA, MAY 1989 ('000)

	Attended school in 1988	Attended any educational institution (a) in 1988		
		Males	Females	Persons
Industry of current job -				
Manufacturing	8.3	7.5	*2.4	9.9
Wholesale and retail trade	15.9	9.7	8.8	18.5
Finance, property and business services	7.1	5.7	8.4	14.1
Community services	*2.4	*3.4	7.3	10.7
Recreation, personal and other services	*2.7	*1.5	*2.9	4.5
Other (b)	7.4	8.9	*3.8	12.7
Occupation of current job -				
Professionals	*0.5	4.5	4.8	9.2
Tradespersons	11.7	11.1	*1.7	12.9
Clerks	10.8	5.9	10.8	16.7
Salespersons and personal service workers	10.1	*4.0	11.2	15.2
Labourers and related workers	8.2	8.1	*3.1	11.2
Type of employment -				
Full-time	40.3	34.3	28.8	63.1
Part-time	*3.4	*2.5	4.8	7.3
Males	24.3	36.8	..	36.8
Females	19.5	..	33.6	33.6
Total(c)	43.8	36.8	33.6	70.3

(a) Includes persons who attended a tertiary institution.

(b) Includes persons employed in Agriculture, forestry, fishing and hunting; Mining; Construction; Transport and storage; Electricity, gas and water; Communication and Public administration and defence.

(c) Also includes persons employed as Managers and administrators; Para-professionals; and Plant and machine operators and drivers.

experienced an unemployment rate of 3.4 per cent, compared with 6.9 per cent for those without post-school qualifications.

Of the persons who had post-school qualifications, 25 per cent held a degree, 33 per cent possessed trade or apprenticeship qualifications and 37 per cent held a certificate or diploma.

In September 1989, of an estimated 712,100 persons aged 15-24 years, 336,800 (47 per cent) were attending an educational institution. Of those attending, 56 per cent were at school, 19 per cent at a TAFE or technical college, 12 per cent at a CAE and 13 per cent at a university. Of the total attending an educational institution, 149,700 (45 per cent) were employed and 19,900 (6 per cent) were unemployed. The unemployment rate was 11.8 per cent for students in the age group 15-24 years.

In making the transition from education to work, significant differences existed for people leaving school compared with people leaving tertiary institutions. In Victoria, an estimated 564,000 persons aged 15-64 years attended an educational institution in May 1988. Of these, 20 per cent were not attending an educational institution in May 1989. Within this group of leavers, the unemployment rate for persons who had left tertiary institutions was 5.5 per cent, compared with an unemployment rate of 15.3 per cent for those persons who had left school. Of employed school leavers, 36 per cent were employed in the Wholesale and retail trade and 19 per cent in the Manufacturing industries. This contrasts with tertiary institution leavers; 31 per cent of whom were employed in the Community services industry, 26 per cent in the Finance, property and business services industry and 10 per cent in the Wholesale and retail trade industries. Of the 380,600 persons continuing their education, 56 per cent were attending school, 13 per cent were attending university and 27 per cent were attending a CAE, TAFE or technical college.

Education and work are combined in apprenticeships. In May 1989, there were 52,300 apprentices in Victoria. Of these, 65 per cent were aged 15-19 years and 33 per cent were aged 20-34 years. Almost half the apprentices (47 per cent) were employed in the building, vehicle and electrical trades.

**TABLE 3.13 LEAVERS OF EDUCATIONAL INSTITUTIONS AGED 15 TO 64 YEARS:
LABOUR FORCE STATUS, AGE AND SEX, VICTORIA, MAY 1988**
(^{'000})

	Aged 15 to 19 years			Aged 20 to 24 years			Total aged 15 to 64 years		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
In the labour force -	28.4	27.4	55.8	8.3	10.3	18.6	40.6	39.9	80.6
Employed -	24.8	23.4	48.2	8.0	8.1	16.2	36.8	33.6	70.3
Full-time	23.4	20.8	44.2	6.9	5.9	12.9	34.3	28.8	63.1
Part-time	*1.4	*2.6	*4.0	*1.1	*2.2	*3.3	*2.5	4.8	7.3
Unemployed	*3.6	*4.0	7.5	*0.3	*2.2	*2.4	*3.8	6.4	10.2
Total	29.4	29.0	58.4	9.0	10.3	19.3	42.9	41.8	84.7
Unemployment rate (a)	*12.6	*14.6	13.5	*3.3	*21.0	*13.1	*9.4	16.9	12.7
Participation rate (b)	96.7	94.4	95.6	92.1	100.0	96.3	94.8	95.5	95.1

(a) Unemployed leavers as a percentage of leavers in the labour force.

(b) The percentage of leavers in the labour force.

TABLE 3.14 PERSONS AGED 15-69: EDUCATIONAL ATTAINMENT AND LABOUR FORCE STATUS, VICTORIA, FEBRUARY 1990

Region	Employed		Unemp- loyed (<i>'000</i>)	Labour force (<i>'000</i>)	Not in labour force (<i>'000</i>)	Unemp- loyment rate (Per cent)	Average duration of unemp- loyment (weeks)	Partici- pation rate (Per cent)
	Full- time (<i>'000</i>)	Total (<i>'000</i>)						
MALES								
With post-school qualifications	565.2	590.3	16.3	606.6	76.1	2.7	34.3	88.9
Degree	142.6	150.1	4.9	155.0	10.5	3.2	12.2	93.7
Trade qualification or apprenticeship	274.5	283.4	6.0	289.4	50.2	2.1	34.2	85.2
Certificate or diploma	138.7	147.1	5.2	152.3	14.3	3.4	53.3	91.4
Other	9.5	9.7	*0.2	9.9	*1.1	*2.0	*78.0	90.0
Without post-school qualifications (a)	543.3	590.2	38.8	629.1	138.0	6.2	40.4	82.0
Attended highest level of secondary school available	136.7	162.3	11.2	173.5	29.8	6.5	17.1	85.3
Did not attend highest level of secondary school available	402.8	422.9	27.0	449.9	104.1	6.0	50.7	81.2
Never attended school	*1.2	*2.4	*0.0	*2.4	*3.5	*0.0	*0.0	*68.6
Still at school	*1.2	21.1	*3.4	24.5	56.5	*13.9	*10.3	30.2
Total	1,109.6	1,201.6	58.6	1,260.2	270.6	4.7	37.0	82.3
FEMALES								
With post-school qualifications	229.2	341.4	16.0	357.5	127.6	4.5	27.3	73.7
Degree	71.8	93.4	5.2	98.6	22.3	5.3	26.5	81.5
Trade qualification or apprenticeship	15.6	23.8	*1.8	25.6	17.5	*7.0	*4.7	59.4
Certificate or diploma	137.5	219.2	8.2	227.4	85.1	3.6	34.9	72.8
Other	*4.3	5.0	*0.8	5.8	*2.6	*13.8	*3.5	69.0
Without post-school qualifications (a)	306.5	492.4	41.5	534.0	425.8	7.8	33.6	55.6
Attended highest level of secondary school available	95.7	142.5	12.0	154.5	65.0	7.8	25.0	70.4
Did not attend highest level of secondary school available	208.8	347.3	29.3	376.7	354.4	7.8	36.1	51.5
Never attended school	*0.2	*0.2	*0.0	*0.2	5.7	*0.0	*0.0	3.4
Still at school	*0.2	25.6	6.9	32.5	48.5	21.2	7.3	40.1
Total	535.9	859.6	64.4	923.9	601.8	7.0	29.2	60.6
PERSONS								
With post-school qualifications	794.4	931.7	32.3	964.1	203.7	3.4	30.9	82.6
Degree	214.4	243.5	10.1	253.6	32.8	4.0	19.6	88.5
Trade qualification or apprenticeship	290.1	307.2	7.8	315.0	67.8	2.5	27.5	82.3
Certificate or diploma	276.2	366.2	13.4	379.7	479.1	3.5	42.0	79.3
Other	13.7	14.7	*1.0	15.8	*3.7	*6.3	*21.1	81.0

TABLE 3.14 ALL PERSONS: EDUCATIONAL ATTAINMENT AND LABOUR FORCE STATUS, VICTORIA, FEBRUARY 1990 - continued

Region	Employed		Unemp- loyed (<i>'000</i>)	Labour force (<i>'000</i>)	Not in labour force (<i>'000</i>)	Unemp- loyment rate (Per cent)	Average duration of unemp- loyment (weeks)	Partici- pation rate (Per cent)
	Full- time (<i>'000</i>)	Total (<i>'000</i>)						
PERSONS - continued								
Without post-school qualifications (a)	849.8	1,082.7	80.4	1,163.0	563.8	6.9	36.9	67.3
Attended highest level of secondary school available	232.4	304.9	23.1	328.0	94.8	7.0	21.2	77.6
Did not attend highest level of secondary school available	611.7	770.3	56.3	826.6	458.5	6.8	43.1	64.3
Never attended school	*1.5	*2.7	*0.0	*2.7	9.2	*0.0	*0.0	22.7
Still at school	*1.4	46.8	10.3	57.0	105.0	18.1	8.3	35.2
Total	1,645.6	2,061.1	123.0	2,184.1	872.4	5.6	32.9	71.5

(a) Includes persons for whom secondary school qualifications could not be determined.

Employee Training

Increasing emphasis is being placed on employee training in Australia. Of the 1,739,100 employed wage and salary earners in Victoria at July 1989, 31 per cent required a post-school qualification to obtain their job, and 12 per cent needed a secondary certificate. A total of 1,382,300 employees undertook some form of training, of which 72 per cent received on-the-job training, 35 per cent attended in-house training courses and 10 per cent attended at least one external training course. Some employees received more than one form of training and 356,800 (21 per cent) received no training.

A similar proportion of males and females undertook training. In contrast, differences in the proportion of employees undertaking training occurred in relation to age, level of educational qualification, birthplace and size of the employer organisation. Of persons aged 15-24 years, 96 per cent undertook training compared with 53 per cent of employees aged 55-64 years. Birthplace was also a significant factor in employee training. Almost 84 per cent of Australian-born employees undertook some training, compared with 76 per cent of overseas-born from main English-speaking countries and 63 per cent born in "other" countries. Of employees with post-school qualifications, almost 85 per cent undertook training compared with 75 per cent of employees without post-school qualifications. Organisations with more than one hundred employees reported the highest incidence of training, at 81 per cent of employees.

Industries which had a high participation of employees in training were Mining (92 per cent), Electricity, gas and water (88 per cent), Communication (87 per cent) and Finance, property and business services (87 per cent). The lowest employee participation in training occurred in the Manufacturing industry (71 per cent).

Expenditure on formal training was reported by 21 per cent of all Victorian employers in the three month period July-September 1989. These employers spent a sum equivalent to 2.9 per cent of employees' gross wages and salaries on training, representing \$182.00 and eight hours training per employee. The cost of this training for Victorian employers (i.e. wages and salaries, trainer costs, equipment, etc.) was an average of \$23.00 per hour. Victoria's average training expenditure cost of 2.2 per cent of gross wages and salaries was slightly below the 2.5 per cent reported by New South Wales and South Australia, but equivalent to the Australian average of 2.2 per cent.

Persons not in the labour force

In September 1989 an estimated 873,600 persons in the age group 15-69 years were not in the labour force (there were another 14,327 males and 4,965 females who were institutionalised or boarding school pupils who were also not in the labour force but have been excluded from the figures used in Table 3.16). This represented 26 per cent of the civilian population in that age group. Females comprised 69 per cent of persons not in the labour force. Of these women, 74 per cent cited home duties or childcare as their main activity, and a further 15 per cent cited attending an educational institution as their main activity. Of the 268,500 males not in the labour force, 35 per cent reported their main activity as retirement or voluntary inactivity and a further 34 per cent cited their main activity as attending an educational institution.

Persons with marginal attachment to the labour force are those who were neither employed nor unemployed, but who wanted to work and were looking for work or were available to start work. In September 1989, these people numbered 165,300 in the age group 15-69 years. Of this number 70 per cent were females. An estimated 110,500 females were not looking for work, of whom 42 per cent stated family reasons (predominantly related to childcare) as their main reason for not looking for work. In contrast, of the 32,300 males not looking for work, 76 per cent reported personal reasons (predominantly attending an educational institution or own ill health/injury) as their main reason for not looking for work.

TABLE 3.15 PERSONS NOT IN THE LABOUR FORCE (a): GENDER BY MAIN ACTIVITY WHILE OUT OF THE LABOUR FORCE, VICTORIA

<i>Main activity</i>	<i>Sept. 1986 (‘000)</i>	<i>Proportion (Per cent)</i>	<i>Sept. 1988 (‘000)</i>	<i>Proportion (Per cent)</i>	<i>Sept. 1989 (‘000)</i>	<i>Proportion (Per cent)</i>
MALES						
Home duties, childcare	13.7	3.8	21.0	7.4	21.8	8.1
Attending an educational institution	80.5	22.6	99.2	34.8	91.6	34.1
Retired, voluntary inactive	184.1	51.7	92.2	32.4	93.0	34.6
Unpaid leave	*0.5	0.1	*0.8	0.3	*5.0	1.9
Own illness, injury, disability, handicap	56.5	15.9	57.6	20.2	43.2	16.1
Looking after ill, disabled person	*2.4	0.7	*2.8	1.0	*5.7	2.1
Travel, moving house	*3.9	1.1	4.6	1.6	*1.6	0.6
Worked in unpaid voluntary job	8.3	2.3	*3.7	1.3	*2.8	1.0
Other	6.3	1.8	*3.0	1.1	*3.9	1.5
Total	356.1	100.0	284.9	100.0	268.5	100.0
FEMALES						
Home duties, childcare	607.4	76.2	483.7	76.6	448.7	74.2
Attending an educational institution	82.6	10.4	89.4	14.2	89.9	14.9
Retired, voluntary inactive	48.2	6.0	15.9	2.5	27.2	4.5
Unpaid leave	*0.4	0.1	*0.8	0.1	6.8	1.1
Own illness, injury, disability, handicap	31.5	4.0	19.5	3.1	13.5	2.2
Looking after ill, disabled person	6.8	0.9	5.5	0.9	*3.7	0.6
Travel, moving house	*3.3	0.4	*4.4	0.7	8.3	1.4
Worked in unpaid voluntary job	11.9	1.5	10.2	1.6	*3.9	0.6
Other	5.1	0.6	*2.3	0.4	*3.3	0.5
Total	797.2		631.8		605.1	

TABLE 3.15 PERSONS NOT IN THE LABOUR FORCE (a): GENDER BY MAIN ACTIVITY WHILE OUT OF THE LABOUR FORCE, VICTORIA - continued

<i>Main activity</i>	<i>Sept. 1986 (‘000)</i>	<i>Proportion (Per cent)</i>	<i>Sept. 1988 (‘000)</i>	<i>Proportion (Per cent)</i>	<i>Sept. 1989 (‘000)</i>	<i>Proportion (Per cent)</i>
PERSONS						
Home duties, childcare	621.1	53.9	504.7	55.1	470.5	53.9
Attending an educational institution	163.0	14.1	188.6	20.6	181.4	20.8
Retired, voluntary inactive	232.3	20.1	108.1	11.8	120.1	13.7
Unpaid leave	*0.9	0.1	*1.6	0.2	11.7	1.3
Own illness, injury, disability, handicap	88.0	7.6	77.0	8.4	56.7	6.5
Looking after ill, disabled person	9.2	0.8	8.4	0.9	9.4	1.1
Travel, moving house	7.1	0.6	9.0	1.0	9.7	1.1
Worked in unpaid voluntary job	20.2	1.8	13.9	1.5	6.7	0.8
Other	11.4	1.0	5.3	0.6	7.2	0.8
Total	1,153.3	100.0	916.7	100.0	873.6	100.0

(a) In September 1986 and 1988 figures relate to persons not in the Labour Force 15 years and over.

In September 1989 figures relate to persons not in the Labour force in the age group 15-69 years.

Industrial disputes

In the 12 months ended June 1990, industrial disputes in progress accounted for a total of 416,900 working days lost in Victoria. Of this number, 25 per cent (103,800) of working days lost occurred in July 1989. The industry which recorded the highest working days lost was Transport, storage and communication, with 22 per cent (91,600) of the total. Disputes over managerial policy accounted for 69 per cent (286,000) of the total working days lost.

Trade unions

In ABS statistics, a trade union is defined as an organisation consisting of predominantly employees, whose principle activities include the negotiation of rates of pay and conditions of employment for its members.

Data on trade union membership is collected from a census of trade unions conducted each year. Because this data is supplied by individual trade unions, some duplication occurs where people are members of more than one union. In addition, the percentages shown in table 3.17 should be regarded as giving only a broad indication of union membership among employees. This is due to the percentages being based on estimates of total employees which are derived from the Survey of Employment and Earnings and the Monthly Labour Force Survey. The number of union members who are unemployed will affect these percentages and comparison of data over time.

Additional trade union data has been collected in several supplementary surveys conducted between November 1976 and August 1988. The numbers of trade union members measured in these surveys are lower than those derived from the census of trade unions because membership is only counted if it relates to the employees' main job. Thus duplication due to membership of more than one union is avoided. Also excluded are those members whose trade union membership relates to their second job, regardless of their union membership status in relation to their main job.

TABLE 3.16 INDUSTRIAL DISPUTES: INDUSTRIES, WORKING DAYS LOST, VICTORIA ('000)

Period	Manufacturing			Construction	Transport, storage and communication	Other industries	All industries
	Mining	Metal products, machinery, and equipment	Other				
1982	4.5	65.2	187.5	60.6	8.0	42.2	368.0
1983	8.8	31.0	43.4	47.2	53.5	73.8	257.7
1984	2.9	40.9	78.9	17.0	13.3	33.3	186.4
1985	5.7	36.1	56.7	47.3	67.5	142.7	355.9
1986	-	58.4	85.2	34.9	11.3	192.0	381.8
1987	0.2	71.6	89.8	12.8	55.3	59.8	289.3
1988	-	133.7	46.1	34.8	41.2	106.8	362.6
1989	6.2	62.4	98.0	17.1	29.7	135.0	348.4
1990 -							
January	-	0.1	3.3	-	17.0	0.1	20.5
February	-	2.4	6.9	0.5	4.3	25.2	39.2
March	-	0.2	1.8	0.1	0.7	10.7	13.5
April	0.5	0.1	0.9	18.1	34.4	15.1	69.0
May	7.6	0.4	-	2.1	19.6	12.3	42.0
June	-	0.6	0.1	0.1	0.6	0.9	2.3
12 months ended							
June 1990	8.1	36.4	76.6	31.3	91.6	172.9	416.9

TABLE 3.17 TRADE UNIONS: NUMBER OF MEMBERS, VICTORIA DECEMBER 1978 TO JUNE 1989

Period	Separate Unions	Number of members ('000)			Proportion of total employees (per cent)		
		Males	Females	Persons	Males	Females	Persons
31 December -							
1978	174	510.1	225.6	735.7	60	43	53
1979	174	514.5	235.5	750.0	60	44	54
1980	173	523.6	246.6	770.1	59	45	53
1981	173	522.9	248.8	771.7	58	45	53
1982	175	533.4	256.7	790.1	61	46	55
1983	174	529.1	259.1	788.2	61	46	55
1984	179	545.5	260.6	806.0	60	44	54
30 June (a) -							
1985	177	568.0	290.5	858.5	65	47	57
1986	176	586.9	299.5	886.4	63	44	55
1987	166	578.4	297.3	875.7	63	42	54
1988	166	589.6	311.9	901.5	63	43	54
1989	160	598.9	332.3	931.2	62	43	54

(a) Break in continuity of series. At 31 December until 1984, at 30 June from 1985.

TABLE 3.18 NUMBER AND PROPORTION OF EMPLOYEES WHO WERE TRADE UNION MEMBERS: GENDER BY INDUSTRY, VICTORIA

Industry	August 1986		August 1988	
	Number ('000)	Proportion (per cent)	Number ('000)	Proportion (per cent)
MALES				
Agriculture, forestry, fishing and hunting	*2.2	13	*2.9	*20
Mining	*2.5	52	*2.8	*66
Manufacturing	132.6	54	141.5	52
Electricity, gas, and water	30.0	79	24.1	83
Construction	37.8	55	36.0	53
Wholesale and retail trade	37.9	24	43.0	24
Transport and storage	49.3	78	42.5	71
Communication	23.6	85	21.4	82
Finance, property, and business services	24.9	32	25.5	28
Public administration and defence	36.6	65	33.0	68
Community services	58.8	56	59.3	55
Recreation, personal and other services	9.9	31	8.0	23
Total	446.2	50	439.9	47
FEMALES				
Agriculture, forestry, fishing and hunting	*0.7	*14	*0.8	*19
Mining	*0.0	*0.0	*0.0	*0.0
Manufacturing	53.9	49	47.6	42
Electricity, gas, and water	*1.6	*48	*2.7	*67
Construction	*0.5	*6	*1.3	*12
Wholesale and retail trade	36.9	31	38.5	27
Transport and storage	6.8	46	*3.2	*25
Communication	6.7	61	4.9	56
Finance, property, and business services	26.4	32	27.6	28
Public administration and defence	14.3	43	16.8	48
Community services	93.8	46	87.0	40
Recreation, personal and other services	7.7	20	12.1	28
Total	249.4	40	242.5	35

TABLE 3.18 EMPLOYEES WHO WERE TRADE UNION MEMBERS: GENDER BY INDUSTRY, VICTORIA - *continued*

Industry	August 1986		August 1988	
	Number (<i>'000</i>)	Proportion (<i>per cent</i>)	Number (<i>'000</i>)	Proportion (<i>per cent</i>)
PERSONS				
Agriculture, forestry, fishing and hunting	*2.8	*13	*3.7	20
Mining	*2.5	*47	*2.8	55
Manufacturing	186.5	52	189.1	49
Electricity, gas, and water	31.6	76	26.7	81
Construction	38.3	49	37.3	47
Wholesale and retail trade	74.9	27	81.5	26
Transport and storage	56.1	72	45.7	63
Communication	30.4	78	26.3	76
Finance, property, and business services	51.3	32	53.1	28
Public administration and defence	50.9	57	49.8	59
Community services	152.6	49	146.4	45
Recreation, personal and other services	17.7	25	20.1	25
Total	695.6	46	682.4	42

REFERENCES

Data sources

Currently, the ABS's principal sources of labour statistics are *household surveys* and *employer based surveys*. The ABS conducts a monthly household based labour force survey which provides estimates at a National, State and regional level. The major statistical indicators produced from the labour force survey are persons employed and unemployed, classified by age, sex, and marital status, expressed as a proportion of the civilian population aged 15 years and over.

Emphasis in the labour force survey is placed on the regular collection of data on demographic and labour force characteristics, but additional questions to investigate particular aspects of the labour force are frequently included.

At present the ABS conducts sample surveys of employers, based on the ABS register of businesses and organisations. Since May 1983 the ABS has introduced new or upgraded quarterly surveys of: employment and earnings; average weekly earnings; overtime; job vacancies; and an annual Survey of employee earnings and hours.

During 1987 the ABS developed a range of labour costs surveys which are designed to identify the composition and rate of growth of labour costs. Currently the ABS is developing a training expenditure survey.

ABS publications

Labour Statistics, Australia (6101.0) (annual)
A Guide to Labour Statistics (6102.0)(irregular)
The Labour Force, Australia, Preliminary (6202.0) (monthly)
The Labour Force, Victoria (6202.2) (quarterly)
The Labour Force, Australia (6203.0) (monthly)
The Labour Force, Australia, Historical Summary 1966 to 1989 (irregular)
Labour Force Experience, Australia (6206.0) (annual)
Labour Mobility, Australia (6209.0) (annual)
Persons Not in the Labour Force, Australia (6220.0) (annual)
Job Search Experience of Unemployed Persons, Australia (6222.0) (two yearly)
Transition From Education to Work, Australia (6227.0) (annual)
Information Paper: Questionnaires Used in the Labour Force Survey, Australia (6232.0)
Labour Force Status and Educational Attainment, Australia (6235.0)(annual)
Employed Wage and Salary Earners, Australia (6248.0) (quarterly)
Underemployed Workers, Australia (6265.0) (irregular)
Persons Who Have Left the Labour Force, Australia (6267.0) (irregular)
Information Paper: Labour Force Survey - Measuring Teenage Unemployment (6270.0)
Labour Force Status and Educational Attendance, Australia (6272.0)(annual)
Average Weekly Earnings, States and Australia (6302.0) (quarterly)
Average Earnings and Hours of Employees, Australia (6304.0) (annual)
Weekly Earnings of Employees (Distribution), Australia (6310.0) (annual)
Award Rates of Pay Indexes, Australia (6312.0) (monthly)
Superannuation, Australia (6319.0) (irregular)
Industrial Disputes, Australia (monthly) (6321.0) (monthly)
Industrial Disputes, Australia (quarterly) (6322.0) (annual)
Trade Union Statistics, Australia (6323.0) (annual)
Trade Union Members, Australia (6325.0) (irregular)
Major Labour Costs, Australia (6348.0) (annual)
Employer Training Expenditure, Australia (6353.0) (irregular)
Career Paths of Qualified Nurses, Australia (6277.0) (irregular)
Career Paths of Tradespersons, Australia (6243.0) (irregular)
How Workers Get Their Training, Australia (6278.0) (irregular)

4 Social



INTRODUCTION

This chapter provides an overview of social statistics for Victoria covering aspects of education, health, social welfare, recreation, and crime.

Secondary education in Victoria is undergoing a period of transition with the phasing in of the Victorian Certificate of Education (VCE), which will become the sole means of assessing students in their final year. University enrolments increased by almost 13 per cent in 1989, with Arts being the most popular degree course.

Approximately three in every four people between the ages of 15 and 24 consulted a doctor at least once in the 12 months to May 1989. The cost of services processed by Medicare in Victoria amounted to over \$911 million for 1989-90.

During the year ended 30 June 1989, the number of people receiving unemployment benefits decreased due to a combination of changing economic circumstances and further tightening of Social Security procedures. In the five years to 30 June 1989, there was a decrease of 144,676 in the number of unemployment recipients.

A new survey of sport indicated that more people had participated in golf (at least once in a 12 month period) than in any other sport. Almost 950,000 people aged 15 years or over had attended Australian Rules Football as paying spectators at least once during the survey period; the next most popular spectator sport was Cricket with 251,000 people attending.

The number of people proceeded against by the police rose by 73 per cent. Reported offences of rape increased by 23 per cent whilst serious assault increased by 20 per cent.

EDUCATION

The Victorian Certificate of Education

Major changes at Year 12 level had occurred by 1990 due to the gradual introduction of the Victorian Certificate of Education (VCE). The VCE replaces the Higher School Certificate (HSC), Tertiary Orientation Program (TOP) and Technical Year 12 (T12) with one certificate. From 1992, the VCE will involve two years of continual assessment, in lieu of the HSC exam at the end of Year 12.

Once fully operational, the VCE will offer a wider range of subjects than was offered by the HSC, especially through the introduction of "new" subjects from areas such as technology and business. Over the two VCE years, most students will complete a total of 24 units from a range of different studies.

Each student must study four English units; four Mathematics, Science or Technology units; two Australian studies units; and two Arts or Humanities units. The remaining twelve units will be decided by the student.

Although it is intended that VCE students will undertake exams in every subject, they will not depend solely on them for assessment. Assignments, essays, projects and research reports which will be partly internally marked, will also contribute to the final assessment.

Schools and Teachers

There were 2,778 schools in Victoria at 12 July 1989. The total enrolment of students in all Victorian schools in 1989 was 785,107, a decrease of 0.5 per cent compared with the previous year. Of the total numbers enrolled, 53.9 per cent were in primary schools, 45.3 per cent were in secondary schools and the remaining 0.8 per cent were in special schools.

Government schools, which constituted three-quarters of all schools, had a student enrolment of 527,700. This figure represented a slight decrease from 1988. The gradual decline in student enrolments in government schools has continued for more than a decade, following the peak of government-school enrolments in 1977.

Non-government schools have continued to gradually attract more students, with 257,407 students enrolled in 1989. Approximately 70 per cent of non-government schools were Catholic schools. There were 178,427 students enrolled in Catholic schools, 27,555 in Anglican schools and 51,425 in other non-government schools. The proportion of students enrolled in non-government schools was larger at secondary level, especially at Year 12.

In 1989, all student participation rates (i.e. students in Year 12 as a percentage of the estimated resident population of the same age and sex) were higher than 1988. The retention rate of students rose from 56.9 per cent in 1988 to 60.5 per cent in 1989. As in previous years, the retention rate for female students (68.5 per cent) was higher than the corresponding rate for males (52.9 per cent).

The number of teaching staff (expressed in full-time equivalent units) increased 0.6 per cent, from 56,769 in 1988 to 57,137 in 1989. The teaching staff in government schools increased by 1.1 per cent, but in non-government schools the number of teachers decreased by 0.3 per cent. The number of students to every teacher was 13.2 for government schools, and 15.6 in non-government schools.

TABLE 4.1 SCHOOLS, STUDENTS, AND TEACHING STAFF (a), VICTORIA

Year	Government			Non-government			Total		
	Schools	Students	Teaching staff	Schools	Students	Teaching staff	Schools	Students	Teaching staff
1984	2,118	572,613	43,123	734	241,715	15,023	2,852	814,328	58,146
1985	2,118	558,764	42,699	734	245,176	15,505	2,852	803,940	58,204
1986	2,114	546,136	40,722	733	250,396	15,907	2,847	796,532	56,629
1987	2,091	537,895	41,432	729	253,086	16,192	2,820	790,981	57,624
1988	2,064	532,211	40,311	730	256,712	16,458	2,794	788,923	56,769
1989 (b)	2,059	527,700	40,737	719	257,407	16,400	2,778	785,107	57,137

(a) Number of full-time teaching staff plus full-time equivalents (FTE) of part-time teaching staff.

(b) With changes to staff tables in 1989, some staff previously classified as teaching staff are now classified as specialist support.

TABLE 4.2 NUMBER OF FULL-TIME STUDENTS: CATEGORY OF SCHOOL (AND NON-GOVERNMENT AFFILIATION), SEX, AND LEVEL OR YEAR OF EDUCATION, VICTORIA, AT 1 JULY 1989

Level/Year of education	Government schools	Non-government (a)			Total	All schools
		Catholic	Anglican	Other		
MALES						
Primary -						
Preparatory	22,783	7,665	463	1,289	9,417	32,200
Year 1	22,083	7,643	513	1,259	9,415	31,498
Year 2	21,902	7,375	538	1,148	9,061	30,963
Year 3	21,332	7,262	578	1,210	9,050	30,382
Year 4	21,105	7,319	618	1,218	9,155	30,260
Year 5	20,937	7,303	831	1,315	9,449	30,386
Year 6	21,385	7,327	874	1,559	9,760	31,145
Ungraded	51	-	-	186	186	237
<i>Total primary</i>	<i>151,578</i>	<i>51,894</i>	<i>4,415</i>	<i>9,184</i>	<i>65,493</i>	<i>217,071</i>
Secondary -						
Year 7	20,244	6,742	1,677	2,457	10,876	31,120
Year 8	21,297	6,825	1,806	2,473	11,104	32,401
Year 9	21,903	6,655	1,883	2,394	10,932	32,835
Year 10	21,930	6,317	1,941	2,315	10,573	32,503
Year 11	18,638	5,609	2,009	2,408	10,026	28,664
Year 12	11,915	3,981	1,785	2,018	7,784	19,699
Ungraded	210	-	-	135	135	345
<i>Total secondary</i>	<i>116,137</i>	<i>36,129</i>	<i>11,101</i>	<i>14,200</i>	<i>61,430</i>	<i>177,567</i>
Special (attending special schools) -						
Primary	85	85	-	89	174	259
Secondary	75	82	-	54	136	211
Not identifiable as primary or secondary	2,820	5	-	414	419	3,239
<i>Total special</i>	<i>2,980</i>	<i>172</i>	<i>-</i>	<i>557</i>	<i>729</i>	<i>3,709</i>
Total males	270,695	88,195	15,516	23,941	127,652	398,347
FEMALES						
Primary -						
Preparatory	21,388	7,241	390	1,306	8,937	30,325
Year 1	20,691	7,149	380	1,275	8,804	29,495
Year 2	21,097	7,192	402	1,265	8,859	29,956
Year 3	20,273	7,239	418	1,319	8,976	29,249
Year 4	19,929	7,053	507	1,378	8,938	28,867
Year 5	19,819	7,108	520	1,497	9,125	28,944
Year 6	19,940	6,936	678	1,606	9,220	29,160
Ungraded	53	-	-	179	179	232
<i>Total primary</i>	<i>143,190</i>	<i>49,918</i>	<i>3,295</i>	<i>9,825</i>	<i>63,038</i>	<i>206,228</i>

TABLE 4.2 NUMBER OF FULL-TIME STUDENTS: CATEGORY OF SCHOOL (AND NON-GOVERNMENT AFFILIATION), SEX, AND LEVEL OR YEAR OF EDUCATION, VICTORIA, 1989 - *continued*

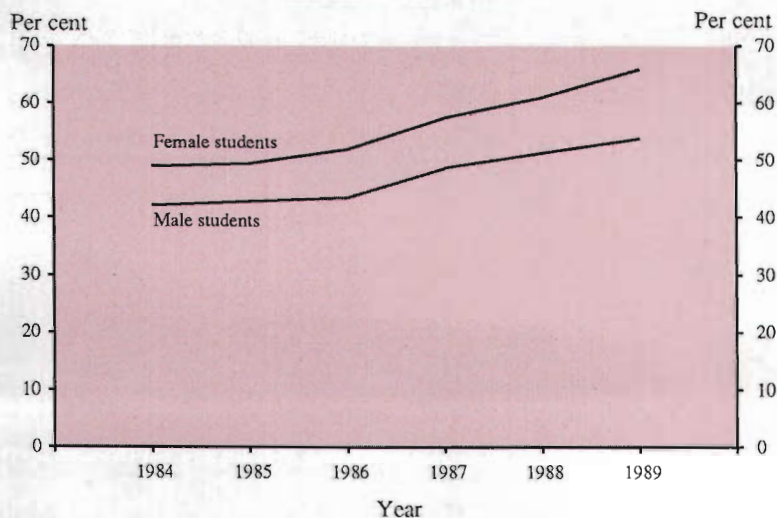
Level/Year of education	Government schools	Non-government (a)			Total	All schools
		Catholic	Anglican	Other		
FEMALES - <i>continued</i>						
Secondary -						
Year 7	18,386	6,959	1,247	2,765	10,971	29,357
Year 8	19,049	7,031	1,332	2,768	11,131	30,180
Year 9	19,928	7,320	1,470	2,832	11,622	31,550
Year 10	20,330	7,087	1,539	2,932	11,558	31,888
Year 11	19,198	6,505	1,640	3,051	11,196	30,394
Year 12	14,818	5,365	1,516	2,825	9,706	24,524
Ungraded	175	-	-	87	87	262
<i>Total secondary</i>	<i>111,884</i>	<i>40,267</i>	<i>8,744</i>	<i>17,260</i>	<i>66,271</i>	<i>178,155</i>
Special (attending special schools) -						
Primary	57	22	-	27	49	106
Secondary	64	22	-	41	63	127
Not identifiable as primary or secondary	1,810	3	-	331	334	2,144
<i>Total special</i>	<i>1,931</i>	<i>47</i>	<i>-</i>	<i>399</i>	<i>446</i>	<i>2,377</i>
Total females	257,005	90,232	12,039	27,484	129,755	386,760
ALL STUDENTS						
Primary -						
Preparatory	44,171	14,906	853	2,595	18,354	62,525
Year 1	42,774	14,792	813	2,534	18,219	60,993
Year 2	42,999	14,567	940	2,413	17,920	60,919
Year 3	41,605	14,501	996	2,529	18,026	59,631
Year 4	41,034	14,372	1,125	2,596	18,093	59,127
Year 5	40,756	14,411	1,351	2,812	18,574	59,330
Year 6	41,325	14,263	1,552	3,165	18,980	60,305
Ungraded	104	-	-	365	365	469
<i>Total primary</i>	<i>294,768</i>	<i>101,812</i>	<i>7,710</i>	<i>19,009</i>	<i>128,531</i>	<i>423,299</i>
Secondary -						
Year 7	38,630	13,701	2,924	5,222	21,847	60,477
Year 8	40,346	13,856	3,138	5,241	22,235	62,581
Year 9	41,831	13,975	3,353	5,226	22,554	64,385
Year 10	42,260	13,404	3,480	5,247	22,131	64,391
Year 11	37,836	12,114	3,649	5,459	21,222	59,058
Year 12	26,733	9,346	3,301	4,843	17,490	44,223
Ungraded	385	-	-	222	222	607
<i>Total secondary</i>	<i>228,021</i>	<i>76,396</i>	<i>19,845</i>	<i>31,460</i>	<i>127,701</i>	<i>355,722</i>

TABLE 4.2 NUMBER OF FULL-TIME STUDENTS: CATEGORY OF SCHOOL (AND NON-GOVERNMENT AFFILIATION), SEX, AND LEVEL OR YEAR OF EDUCATION, VICTORIA, 1989 - *continued*

Level/Year of education	Government schools	Non-government (a)			Total	All schools
		Catholic	Anglican	Other		
ALL STUDENTS - <i>continued</i>						
Special (attending special schools) -						
Primary	142	107	-	116	223	365
Secondary	139	104	-	95	199	338
Not identifiable as						
primary or secondary	4,630	8	-	745	753	5,383
<i>Total special</i>	<i>4,911</i>	<i>219</i>	<i>-</i>	<i>956</i>	<i>1,175</i>	<i>6,086</i>
Total students	527,700	178,427	27,555	51,425	257,407	785,107

(a) Includes full-time students attending special schools administered by government authorities other than the State Ministry of Education.

ALL SCHOOLS: 17 YEAR OLD STUDENT PARTICIPATION RATES, VICTORIA 1984 - 1989



Higher education

The number of students studying at tertiary level in 1989 reached 127,807, an increase of almost 5 per cent on the 1988 figure. The number of students attending a university increased more significantly, by almost 13 per cent. The number of students undertaking higher and post-graduate degrees remained relatively stable, but there was a 4.3 per cent increase in the number of students in Bachelor degree courses and a 17.6 per cent increase in the number of students in "other" degree courses. "Other" courses include Diplomas, Certificates, and Associate Diplomas. There was a large proportional decrease in people studying for interest rather than to gain formal qualifications. In 1989 there were 396 people studying "not for award", compared to 1,270 in 1988.

In 1989, 23.9 per cent of students studied Arts, Humanities or the Social Sciences. However, Business Studies, Economics and Administration were also popular, attracting 21.0 per cent of the student population.

TABLE 4.3 HIGHER EDUCATION: NUMBER OF STUDENTS BY LEVEL OF COURSE AND TYPE OF ENROLMENT, VICTORIA, 1989

	Level of course					Total Students
	Higher Degree	Post-graduate	Bachelor	Other	Non-award	
Universities -						
Deakin University	857	663	6,421	321	-	8,262
La Trobe University	998	1,675	10,058	746	14	13,491
Monash University	2,689	1,062	11,096	-	-	14,847
University of Melbourne	2,442	2,686	15,323	1,265	103	21,819
Total Universities	6,986	6,086	42,898	2,332	117	58,419
Colleges of Advanced Education -						
Ballarat College of Advanced Education	22	240	2,172	682	-	3,116
Bendigo College of Advanced Education	21	228	1,789	1,146	1	3,185
Chisholm Institute of Technology	128	844	5,954	1,455	-	8,381
Footscray Institute of Technology	82	472	3,996	1,230	11	5,791
Gippsland Institute of Advanced Education	8	621	2,540	1,187	36	4,392
Hawthorn Institute of Technology	-	859	26	649	-	1,534
Institute of Catholic Education	1	532	282	1,436	-	2,251
Phillip Institute of Technology	37	541	3,967	1,894	4	6,443
Royal Melbourne Institute of Technology Ltd	692	1,034	10,614	142	-	12,482
Swinburne Limited	102	895	5,352	128	-	6,477
The Victorian College of the Arts	4	48	256	213	114	635
Victoria College	9	1,339	5,045	2,200	22	8,615
Victorian College of Pharmacy Ltd	35	13	410	-	-	458
Warrnambool Institute of Advanced Education	8	181	2,185	493	91	2,958
Total Colleges of Advanced Education	1,149	7,847	44,588	12,855	279	66,718
Other Institutes providing higher education -						
Victoria College of Agriculture and Horticulture	-	44	332	485	-	861
The Western Institute	-	-	1,157	327	-	1,484
Wodonga Institute of Tertiary Education	-	-	59	266	-	325
Total higher education	8,135	13,977	89,034	16,265	396	127,807

Source: Department of Employment, Education and Training

TABLE 4.4 HIGHER EDUCATION: NUMBER OF STUDENTS BY INSTITUTION AND FIELD OF STUDY, VICTORIA, 1989

Institution	Agriculture,		Arts,	Business	Engineering,			Law,	Veterinary	Non-award	Total	
	animal husbandry	Architecture, building	humanities, social sciences	admin., economics	Education	surveying	Health	legal studies				Science	courses (a)
Universities-												
Deakin University	-	354	3,401	1,025	1,820	2	491	-	1,169	-	-	8,262
Latrobe University	227	-	5,708	1,413	943	65	2,819	85	2,217	-	14	13,491
Monash University	-	-	4,489	2,901	1,133	1,330	1,200	611	3,183	-	-	14,847
University of Melbourne	467	643	5,161	2,344	5,900	1,663	1,917	484	2,853	284	103	21,819
Total Universities	694	997	18,759	7,683	9,796	3,060	6,427	1,180	9,422	284	117	58,419
Colleges of Advanced Education-												
Ballarat College of Advanced Education	-	-	675	590	653	409	341	-	448	-	-	3,116
Bendigo College of Advanced Education	-	-	672	767	583	63	491	-	591	-	18	3,185
Chisholm Institute of Technology	-	-	1,561	2,895	512	1,019	520	77	1,797	-	-	8,381
Footscray Institute of Technology	-	98	681	1,995	258	1,147	556	-	1,045	-	11	5,791
Gippsland Institute of Advanced Education	-	-	1,078	1,243	720	419	374	-	522	-	36	4,392
Hawthorn Institute of Technology	-	-	-	-	1,534	-	-	-	-	-	-	1,534
Institute of Catholic Education	-	-	136	-	1,654	-	461	-	-	-	-	2,251
Phillip Institute of Technology	-	-	1,313	1,432	1,423	-	1,728	128	415	-	4	6,443
Royal Melbourne Institute of Technology	-	1,344	1,684	3,998	1	2,560	723	-	2,172	-	-	12,482
Swinburne Limited	-	-	1,517	2,020	-	1,905	-	-	1,035	-	-	6,477
The Western Institute	-	-	234	919	-	-	108	-	223	-	-	1,484
The Wodonga Institute of Tertiary Education	-	-	119	27	47	-	132	-	-	-	-	325
Victoria College of Agriculture	861	-	-	-	-	-	-	-	-	-	-	861
Victoria College	-	56	1,192	2,047	4,262	-	579	-	457	-	22	8,615
Victoria College of the Arts	-	-	521	-	-	-	-	-	-	-	114	635
Victoria College of Pharmacy	-	-	-	-	-	-	458	-	-	-	-	458
Warmambool Institute of Advanced Education	-	-	408	1,297	356	117	447	-	179	-	154	2,958
Total Colleges	861	1,498	11,791	19,230	12,003	7,639	6,918	205	8,884	-	359	69,388
Total Higher Education	1,555	2,495	30,550	26,913	21,799	10,699	13,345	1,385	18,306	284	476	127,807

(a) Difference due to enabling courses being coded as "other"

Source: Department of Employment, Education and Training



SOCIAL

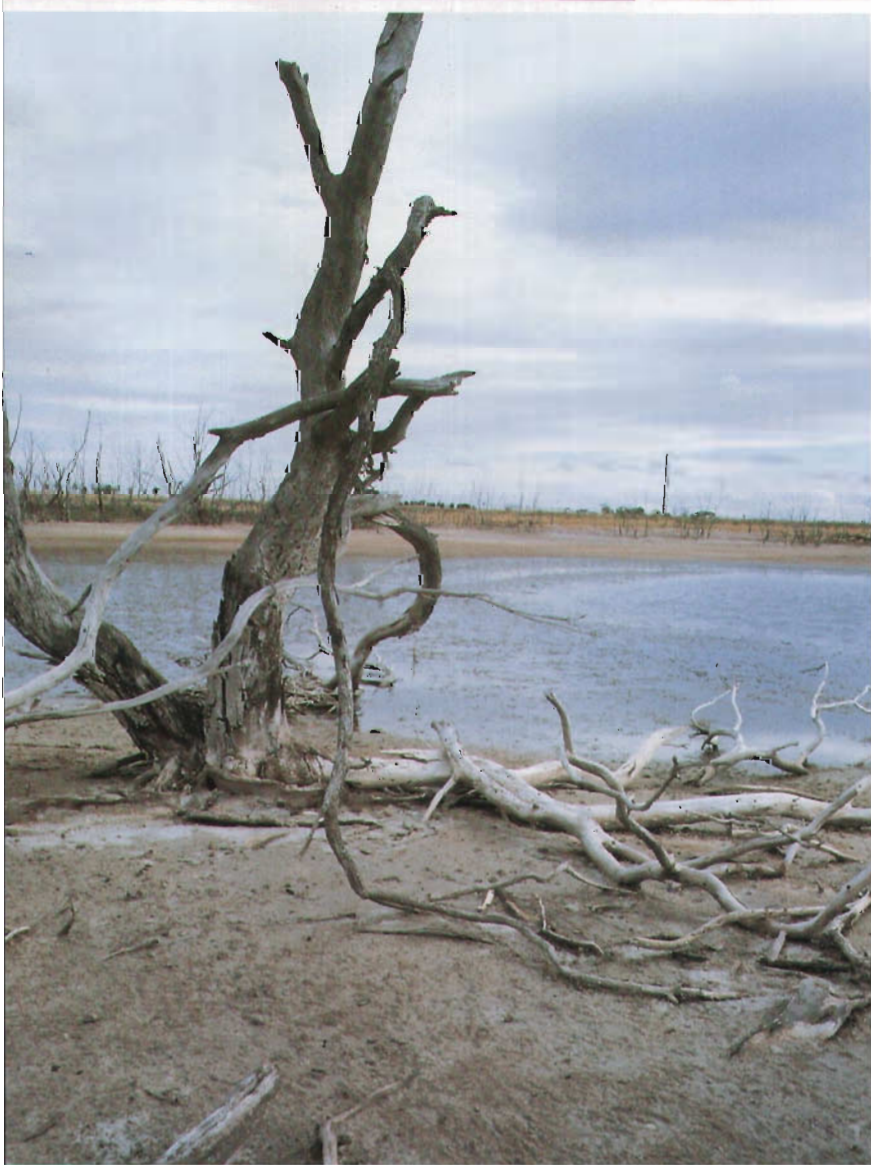
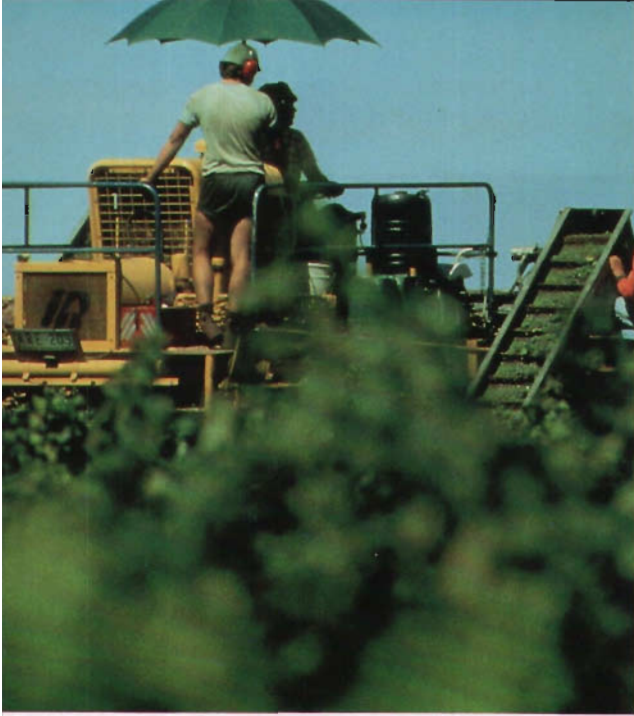
Above - Electronics training at Wangaratta College of TAFE.



Left and below - View of Melbourne from Seelaf Square and playground at the Angliss project in Footscray. The Ministry of Housing won a Design for Living Award for this multi-stage public housing project. The \$6.5 million second stage will provide 113 houses for families and rooming home accommodation.

(Ministry of Housing and Construction)





AGRICULTURE

Top left - Grape harvesting
(Department of Industry and Economic Planning)

Above - Trainee, Agricultural and Horticultural Trades
(State Training Board of Victoria)

Left - Soil salting is the single greatest threat facing Victoria's environment
Below - Sheep grazing on a salt-affected paddock planted with the salt-tolerant tall wheat grass
(Conservation & Environment)

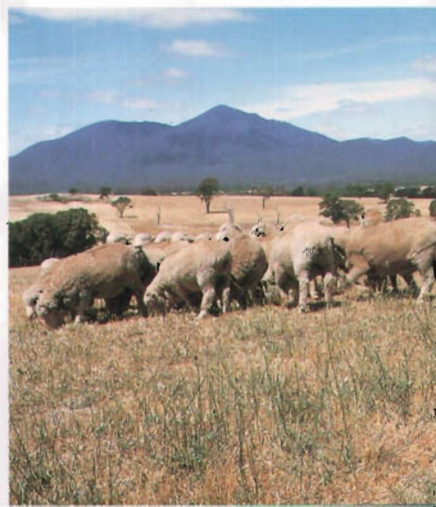


TABLE 4.5 TAFE: NUMBER OF STUDENTS ENROLLED BY MAJOR STREAM GROUP AND BY SEX, VICTORIA, 1983 TO 1988

Year	Males			Females			Persons		
	Vocational (a)	Recreational (b)	Total	Vocational (a)	Recreational (b)	Total	Vocational (a)	Recreational (b)	Total
1983	113,703	26,555	140,258	68,311	69,943	138,254	182,014	96,498	278,512
1984	110,653	29,863	140,516	68,612	85,180	153,792	179,265	115,043	294,308
1985	115,326	31,071	146,397	77,604	101,198	178,802	192,930	132,269	325,199
1986	121,980	33,773	155,753	88,915	128,034	216,949	210,895	161,807	372,702
1987	129,010	31,585	160,595	94,719	124,984	219,703	223,729	156,569	380,298
1988	130,956	35,919	166,875	100,904	145,966	246,870	231,860	181,885	413,745

(a) TAFE streams 2100 to 4500.

(b) Stream 1000, Recreation, leisure and personal enrichment.

TABLE 4.6 TAFE: NUMBER OF ENROLMENTS IN VOCATIONAL COURSES BY FIELD OF STUDY, VICTORIA, 1987 AND 1988

Field of study	1987		1988	
	Number	Per cent	Number	Per cent
Applied science	3,757	1.6	3,773	1.6
Art and design	8,067	3.5	9,627	4.0
Building	21,185	9.1	22,482	9.3
Business studies	55,088	23.7	58,751	24.4
Engineering	41,318	17.8	42,329	17.6
Rural and horticultural	16,351	7.0	16,936	7.0
Music	372	0.2	259	0.1
Paramedical	1,021	0.4	1,098	0.5
Industrial services	12,221	5.3	13,650	5.7
Personal services	30,913	13.3	30,548	12.7
General studies	42,174	18.1	41,214	17.1
Total (a)	232,467	100.0	240,667	100.0

(a) Students may enrol in more than one field of study, thus causing the number of students enrolled by field of study to exceed the actual total number of students enrolled.

HEALTH

The 1989 Victorian Social Survey revealed that an estimated 3,564,900 Victorians, or 82.7 per cent of the population, had consulted a doctor at least once during the 12 months to May 1989. Over 92 per cent of people aged 65 years or more went to a doctor during this period, the highest proportion for any age group. Although young people between the ages of 15 to 24 years were the least likely to have seen a doctor, more than 3 in every 4 people in this age group had consulted a doctor during this 12 month period.

Medicare

Medicare processed over 34 million claims for services in Victoria during the 1989-90 financial year, an increase of 2.4 per cent on the previous year. General Practitioner attendances amounted to 20,197,648 services, which represented 58.3 per cent of all Medicare services. Pathology was the next most utilised service with a total of 6,044,606; however this figure was an 11.7 decrease on the number of services which were processed during the 1988-89 year. The cost of services processed by Medicare amounted to \$911 million, an increase of 12.6 per cent over the previous year.

TABLE 4.7 MEDICARE: NUMBER (a) AND COST (b) OF SERVICES PROCESSED AND ANNUAL PERCENTAGE CHANGE BY TYPE OF SERVICE, VICTORIA, 1989-90

Broad type of service	Services		Cost (a)	
	Number	Percentage change	\$'000	Percentage change
GP attendances	20,197,648	5.4	358,014	12.0
Specialist attendances	3,459,194	5.8	150,405	10.7
Obstetrics	137,774	7.9	13,694	7.6
Anaesthetics	595,790	7.3	25,191	12.2
Pathology	6,044,606	-11.7	118,798	11.7
Radiology	1,562,585	7.6	83,002	13.5
Operations	920,939	10.4	91,043	14.6
Assistance at operations	54,011	10.6	4,097	15.0
Optometry	591,079	10.7	20,434	14.7
Dental	997	-4.3	138	4.5
Miscellaneous	1,086,743	9.0	46,224	22.7
Total	34,651,366	2.4	911,040	12.6

(a) Number does not include services provided by hospital doctors to public patients in public hospitals, services related to a compensation claim, or services which qualify for Benefits under the Department of Veterans' Affairs National Treatment account.

(b) The amounts shown in the 'cost' column represents only a portion of the total cost of the medical services paid for from the funds of the Health Insurance Commission and do not take into account the portion paid by the patient or the patient's insurance fund.

Source: Health Insurance Commission Annual Report 1989-90.

TABLE 4.8 NOTIFIABLE DISEASES (a), NUMBER OF CASES NOTIFIED, VICTORIA

Disease	1982	1985	1988	1989
Acquired immune deficiency syndrome (AIDS)	-	11	107	123
Amoebiasis	1	52	6	4
Arbovirus infection	18	5	150	77
Brucellosis	2	1	-	-
Cholera	-	1	-	-
Diphtheria	-	-	-	-
Gonorrhoea	3,381	1,274	561	536
Hepatitis A (infectious)	320	72	65	14
Hepatitis B (serum)	307	151	185	149
Hydatid disease	2	-	1	1
Leprosy	3	6	-	5
Leptospirosis	32	34	25	22
Malaria	92	99	65	65
Ornithosis	3	5	5	3
Q. Fever	-	2	1	6
Salmonella infections	222	158	179	218
Shigella infections	23	30	16	29
Syphilis	262	105	65	33
Tetanus	6	1	-	2
Tuberculosis (all forms)	414	293	307	369
Typhoid fever	3	9	8	24
Typhus (all forms)	-	2	1	1

(a) There were no cases of ankylostomiasis, anthrax, plague, poliomyelitis, smallpox, or yellow fever.

Hospitals

There were 282 approved hospitals in Victoria at 30 June 1990, excluding the repatriation hospitals of Macleod and Heidelberg. Though the number of recognised public hospitals decreased from 164 in 1987 to 154 in 1990, the reduction resulted mostly from amalgamations rather than actual closures. There were 14,609 beds in public hospitals and 282 beds in psychiatric institutions at 30 June 1989.

The increase in private hospitals from 119 to 128 is mostly due to recently opened "Day Surgeries" which contain only a small number of beds. Available beds in private hospitals increased from 6,196 in 1987 to 6,366 (p) in 1990.

TABLE 4.9 PUBLIC HOSPITAL SEPARATIONS BY AGE GROUP AND SEX OF INPATIENTS, VICTORIA, 1988

<i>Age group (years)</i>	<i>Males</i>	<i>Females</i>	<i>Persons</i>
Under 1 year	13,091	9,561	22,652
1-4	16,691	10,360	27,051
5-14	21,218	15,094	36,312
15-24	26,087	50,357	76,444
25-34	25,732	79,765	105,497
35-44	24,591	39,970	64,561
45-54	27,106	27,557	54,663
55-64	40,492	31,891	72,383
65-74	47,770	37,335	85,105
75 and over	34,142	43,917	78,059
Not stated	85	165	250
Total	277,005	345,972	622,977

TABLE 4.10 PUBLIC HOSPITAL SEPARATIONS BY AGE GROUP AND LENGTH OF STAY, VICTORIA, 1988

<i>Age group (years)</i>	<i>Length of stay</i>					<i>Total</i>
	<i>Under 1 day</i>	<i>1 day and under 1 week</i>	<i>1 week and under 1 month</i>	<i>1 month and under 3 months</i>	<i>3 months and over</i>	
Under 1 year	2,702	14,437	4,722	716	75	22,652
1-4	6,475	18,908	1,567	86	15	27,051
5-14	8,615	25,272	2,217	188	20	36,312
15-24	16,773	48,164	10,851	590	63	76,444
25-34	22,490	60,429	21,831	685	62	105,497
35-44	20,484	31,945	11,477	589	67	64,561
45-54	19,508	23,600	10,743	702	110	54,663
55-64	21,252	30,528	18,619	1,767	217	72,383
65-74	20,334	33,832	26,994	3,441	504	85,105
75 and over	9,017	29,338	31,662	6,859	1,183	78,059
Not stated	54	107	69	14	6	250
Total	147,704	316,560	140,752	15,636	2,325	622,977

TABLE 4.11 PUBLIC HOSPITAL SEPARATIONS: PRINCIPAL DIAGNOSES BY NUMBER OF SEPARATIONS, AVERAGE STAY, AND SEX, VICTORIA, 1988

<i>International Classification of Diseases (ICD) class</i> (a)	<i>Principal diagnosis</i>	<i>Number of separations</i>			<i>Average stay (days)</i>		
		<i>Males</i>	<i>Females</i>	<i>Persons</i>	<i>Males</i>	<i>Females</i>	<i>Persons</i>
1	Infectious and parasitic diseases	7,244	4,863	12,107	3.7	4.6	4.1
2	Neoplasms	24,957	26,225	51,182	7.0	6.7	6.9
3	Endocrine, nutritional and metabolic diseases, and immunity disorders	4,181	4,824	9,005	8.3	9.1	8.8
4	Diseases of the blood and blood-forming organs	3,681	3,738	7,419	2.9	3.6	3.3
5	Mental disorders	5,667	6,063	11,730	10.8	14.3	12.6
6	Diseases of the nervous system and sense organs	13,667	14,132	27,799	5.3	5.8	5.6
7	Diseases of the circulatory system	29,548	23,222	52,770	9.7	11.1	10.3
8	Diseases of the respiratory system	25,148	19,391	44,539	5.6	5.9	5.7
9	Diseases of the digestive system	31,379	29,321	60,700	4.3	4.8	4.6
10	Diseases of the genito-urinary system	16,245	36,158	52,403	4.5	3.3	3.6
11	Complications of pregnancy, childbirth, and the puerperium	-	75,513	75,513	-	5.0	5.0
12	Diseases of the skin and subcutaneous tissue	6,415	5,507	11,922	5.9	8.2	7.0
13	Diseases of the musculoskeletal system and connective tissue	11,301	12,893	24,194	6.7	9.2	8.1
14	Congenital anomalies	3,897	2,523	6,420	4.8	6.3	5.4
15	Certain conditions originating in the perinatal period	4,900	4,021	8,921	8.7	8.8	8.8
16	Signs, symptoms, and ill-defined conditions	14,622	15,629	30,251	3.6	4.4	4.0
17	Injury and poisoning	31,383	21,422	52,805	5.9	9.1	7.2
VO1-V82	Supplementary classification of factors influencing health status and contact with health services	35,990	34,579	70,569	3.9	5.7	4.8
	Total reported principal diagnoses	270,225	340,024	610,249	5.8	6.2	6.0
	Total unreported principal diagnoses	6,780	5,948	12,728	9.6	11.9	10.7
	Grand total	277,005	345,972	622,977	5.9	6.3	6.1

(a) The classes selected in this table are in accordance with the Morbidity List of the Ninth International Classification of Diseases (ICD9).

Causes of death

There were 32,379 registered deaths of Victorians during 1989. General demographic statistics (including deaths) are included in Chapter 2 of this *Year Book*.

Diseases of the circulatory system accounted for 44.1 per cent of all deaths. Of these diseases, ischaemic heart disease was the most prevalent. Ischaemic heart disease accounted for a slightly higher proportion of male deaths than female deaths (26.1 and 24.1 per cent, respectively). During the period 1988 to 1989, the proportion of deaths from ischaemic heart disease increased by 1.1 per cent for males and 0.9 per cent for females.

Malignant neoplasms caused 25.3 per cent of all deaths in 1989, comprising 26.9 per cent of male deaths and 23.5 per cent of female deaths. Of the 4,597 male deaths from this cause, 1,313 (28.6 per cent) were from neoplasms of the trachea, bronchus, and lung, which were the most frequent sites of neoplasms in males. The most frequent site of neoplasms in females was the breast which comprised 669 (18.6 per cent) of the 3,588 female deaths from malignant neoplasms. Other common sites of neoplasms in females were the colon which comprised 452 deaths (12.6 per cent) and the trachea, bronchus, and lung which comprised 442 deaths (12.3 per cent).

For children aged 1 to 14 years, 48.0 per cent of deaths in this age group resulted from accidents (excluding motor vehicle accidents). Motor vehicle accidents were the main cause of death in the 15 to 24 year age group, representing 41.3 per cent of the deaths for this group.

TABLE 4.12 CAUSES OF DEATH: NUMBERS AND RATES, VICTORIA, 1989

<i>Cause of death (a)</i>	<i>Number of deaths</i>	<i>Proportion of total</i>	<i>Rate per 1,000,000 of mean population</i>
Infectious and parasitic diseases (001-139)	152	0.5	35
Neoplasms (140-239)	8,288	25.6	1,921
Endocrine, nutritional and metabolic diseases, and immunity disorders (240-279)	1,011	3.1	234
Diseases of the blood and blood-forming organs (280-289)	99	0.3	23
Mental disorders (290-319)	699	2.2	16.2
Diseases of the nervous system and sense organs (320-389)	688	2.1	151
Diseases of the circulatory system (390-459)	14,293	44.1	3,312
Diseases of the respiratory system (460-519)	2,684	8.3	622
Diseases of the digestive system (520-579)	1,121	3.5	260
Diseases of the genito-urinary system (580-629)	432	1.3	100
Complications of pregnancy, childbirth, and the puerperium (630-676)	2	-	-
Diseases of the skin and subcutaneous tissue (680-709)	26	0.1	6
Diseases of the musculoskeletal system and connective tissue (710-739)	212	0.7	49
Congenital anomalies (740-759)	167	0.5	39
Certain conditions originating in the perinatal period (760-779)	143	0.4	33
Signs, symptoms, and ill-defined conditions (780-799)	208	0.6	48
Accidents, poisonings, and violence (external causes) (800-999)	2,154	6.7	499
Total	32,379	100.0	7,503

(a) The classification used is the International Classification of Diseases, Ninth Revision (ICD-9), aggregated at the class level.

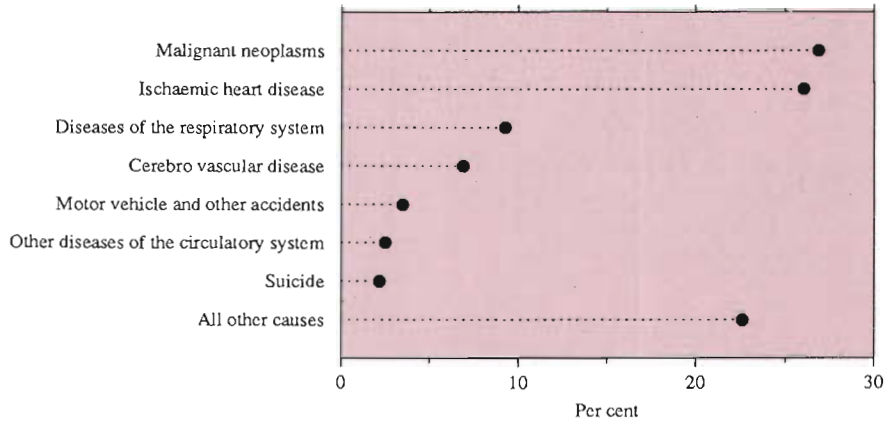
TABLE 4.13 MAIN CAUSES OF DEATH IN AGE GROUPS, VICTORIA, 1989

Cause of death	Deaths from specified cause		
	In age group		At all ages
	Number	Per cent (a)	Number
UNDER 1 YEAR			
Congenital anomalies (740-759)	103	24.9	167
Signs, symptoms, and ill-defined conditions (780-799)	134	32.4	208
Birth trauma, and other conditions originating in the perinatal period (760-767, 771-779)	77	18.6	77
Hypoxia, birth asphyxia, and other respiratory conditions (768-770)	65	15.7	66
1-14 YEARS			
Accidental falls and all other accidents (800-807, 820-949)	106	48.0	796
Motor vehicle traffic accidents (810-819)	44	19.9	859
Malignant neoplasms (140-208)	33	14.9	8,185
Diseases of the nervous system (320-389)	20	9.0	688
15-24 YEARS			
Motor vehicle traffic accidents (810-819)	242	41.3	859
Accidental falls and all other accidents (800-807, 820-949)	97	16.6	796
Suicide and self-inflicted injury (950-959)	84	14.3	499
Malignant neoplasms (140-208)	50	8.5	8,185
25-44 YEARS			
Malignant neoplasms (140-208)	388	24.7	8,185
Suicide and self-inflicted injury (950-959)	208	13.2	499
Accidental falls and all other accidents (800-807, 820-949)	155	9.9	796
Motor vehicle traffic accidents (810-819)	284	18.1	859
45-54 YEARS			
Malignant neoplasms (140-208)	662	43.5	8,185
Ischaemic heart disease (410-414)	277	18.2	8,141
Cerebrovascular disease (430-438)	52	3.4	3,019
Chronic liver disease and cirrhosis (571)	58	3.8	280
55-64 YEARS			
Malignant neoplasms (140-208)	1,626	42.9	8,185
Ischaemic heart disease (410-414)	882	23.3	8,141
Diseases of the respiratory system (460-519)	268	7.1	2,684
Cerebrovascular disease (430-438)	177	4.7	3,019
65-74 YEARS			
Malignant neoplasms (140-208)	2,412	32.5	8,185
Ischaemic heart disease (410-414)	2,129	28.7	8,141
Diseases of the respiratory system (460-519)	668	9.0	2,684
Cerebrovascular disease (430-438)	538	7.3	3,019
75 YEARS AND OVER			
Ischaemic heart disease (410-414)	4,748	28.2	8,141
Malignant neoplasms (140-208)	3,047	18.1	8,185
Cerebrovascular disease (430-438)	2,210	13.1	3,019
Diseases of the respiratory system (460-519)	1,608	9.5	2,684

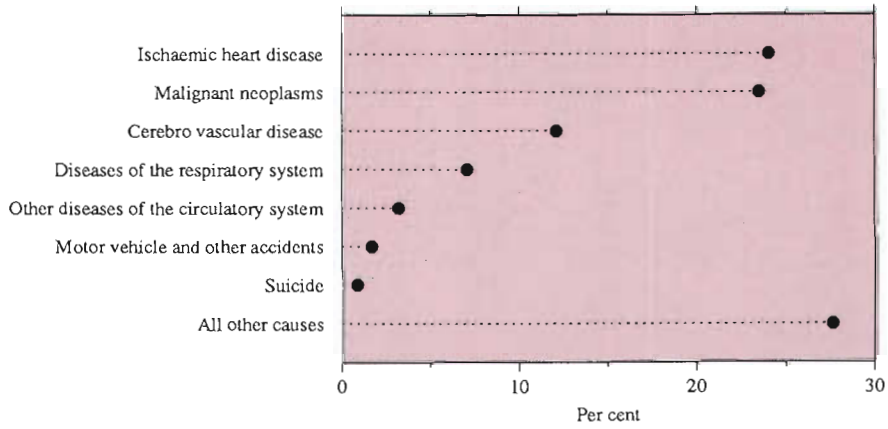
(a) Deaths in this age group from the stated cause expressed as a percentage of all deaths in the age group.

ALL DEATHS: PERCENTAGE DISTRIBUTION BY GENDER BY CAUSE, VICTORIA 1989

MALES



FEMALES



SOCIAL WELFARE

Overview

Income support for individuals is primarily provided by the Commonwealth Government through a range of pensions and benefits. At 30 June 1989 there were 344,523 age pensioners, 77,263 invalid pensioners, and 20,790 widow pensioners in Victoria.

Unemployment, sickness, and special benefits are provided for people temporarily unable to support themselves. During 1988-89 there were 85,710 people who received these benefits, a 15.3 per cent decrease in the number of beneficiaries over the previous year's figure. The number of people receiving unemployment benefits decreased by over 21 per cent to be 63,992 at 30 June 1989. This reduction in unemployment recipients has continued the downward trend evident over the last five years brought about by changes in economic circumstances and Social Security procedures.

Although the number of people receiving sickness and special benefits increased slightly during the 12 months to 30 June 1989, these benefit categories have also experienced noticeable overall decreases in the number of recipients since the 1983-84 financial year.

TABLE 4.14 SOCIAL WELFARE PROGRAMS, VICTORIA

<i>Program</i>	<i>1983-84</i>	<i>1984-85</i>	<i>1985-86</i>	<i>1986-87</i>	<i>1987-88</i>	<i>1988-89</i>
<i>Age pensions -</i>						
Number of pensioners	362,103	352,989	349,667	347,606	344,675	344,523
Wives/spouse carers						
of age pensioners	6,390	6,144	6,356	6,459	6,276	6,418
Amount paid (\$'000) (a)	1,386,289	1,461,326	1,516,860	1,599,909	1,781,473	1,914,592
<i>Invalid pensions -</i>						
Number of pensioners	66,887	72,277	75,954	79,232	77,051	77,263
Wives/spouse carers						
of invalid pensioners	20,022	22,751	24,609	26,086	24,334	23,601
Amount paid (\$'000) (a)	337,225	398,918	449,686	503,239	561,961	598,786
<i>Widow's pensions -</i>						
Number of pensioners	45,660	44,219	42,308	40,410	36,226	20,790
Amount paid (\$'000) (b)	230,741	243,076	248,585	250,051	255,417	n.a.
<i>Funeral benefits -</i>						
Number of claims granted	12,302	12,202	12,608	11,871	11,800	11,024
Amount paid (\$'000)	386	381	377	360	357	341
<i>Unemployment benefits -</i>						
Number of benefits granted	208,668	178,764	162,478	160,529	81,227	63,992
Amount paid (\$'000) (c)	612,148	584,026	569,611	602,980	563,358	529,467
<i>Sickness benefits -</i>						
Number of benefits granted	31,824	31,227	30,710	23,824	15,013	16,299
Amount paid (\$'000) (d)	76,702	84,035	87,420	93,945	110,892	121,838
<i>Special benefits -</i>						
Number of benefits granted	18,459	16,485	16,004	13,606	4,953	5,419
Amount paid (\$'000) (e)	21,171	22,066	23,281	26,985	34,083	39,614
<i>Sole parent's benefits (f)-</i>						
Number of beneficiaries	28,836	31,468	33,224	34,081	36,045	50,778
Amount paid (\$'000)	164,115	197,134	228,904	253,515	291,613	n.a.

TABLE 4.14 SOCIAL WELFARE PROGRAMS, VICTORIA - *continued*

Program	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
<i>Family allowance -continued</i>						
Number of families	574,813	575,226	557,753	548,033	495,569	487,941
<i>Number of children and students in -</i>						
Families	1,146,115	1,138,718	1,084,467	1,055,413	966,737	952,044
Institutions	2,060	1,880	1,518	1,325	1,249	n.a.
Total amount paid (\$'000)	401,531	398,679	401,380	355,773	345,688	331,968
<i>Child disability allowance -</i>						
Number of children	7,699	7,678	7,643	7,550	7,989	8,640
Amount paid (\$'000)	7,508	7,304	7,836	7,226	12,490	11,735
<i>Family Income Supplement (g) -</i>						
Number of families	5,934	6,157	6,598	6,872	29,754	35,310
Number of children	16,986	17,888	19,146	20,158	75,635	88,834
Amount paid (\$'000)	8,483	9,398	11,918	13,612	43,715	85,536

(a) Amount comprises payment for pensioners, and pensioners in benevolent homes, pensions for wives and spouse carers, additional pension/ allowance for children, and supplementary assistance.

(b) Amount comprises payment for pensioners, and pensioners in benevolent homes, additional pension/allowance for children, and supplementary assistance. See also (f) and (h).

(c) Amount comprises payment for beneficiaries, and additional benefit for children.

(d) Amount comprises payment for beneficiaries, additional benefit for children, and supplementary allowance.

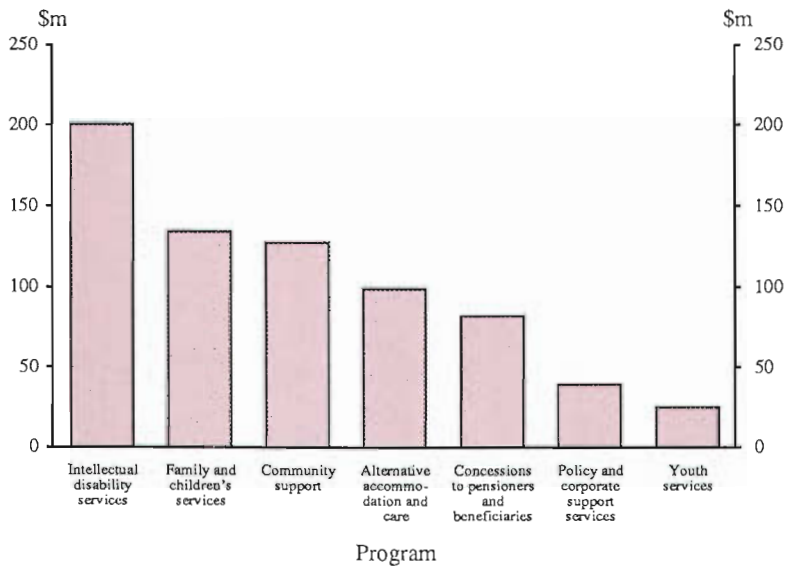
(e) As for (d), but excludes special benefits to migrants in accommodation centres.

(f) Sole parents pension replaced the Class A widows pension and the supporting parents pension in March 1989.

(g) Introduced on 1 May 1983.

(h) Includes widowed persons allowance (replaced Class C widows pension in March 1989).

TOTAL OUTLAY ON COMMUNITY SERVICES PROGRAMS BY THE DEPARTMENT OF COMMUNITY SERVICES, VICTORIA, 1989-90



War Veterans

Of the \$991 million spent in Victoria on Veterans or the dependants of Veterans during the 1988-89 financial year, pensions accounted for \$758 million. There were 53,670 Veterans and 39,632 wives, widows or dependants of Veterans who received a Service Pension during 1988-89, while 87,638 received Disability Pensions. Approximately \$211 million was spent on the provision of health services for the 90,082 Veterans who received treatment during the 12 month period.

TABLE 4.15 NUMBER OF VETERANS AND DEPENDANTS BY TYPE OF PENSION, VICTORIA, 30 JUNE 1989

<i>Pension type</i>	<i>World War 1</i>	<i>World War 2</i>	<i>Korea, Malaysia</i>	<i>Special Overseas Service</i>	<i>British Commonwealth Service</i>	<i>Allied Forces</i>	<i>Australian and British Marines</i>	<i>Total</i>
Service	606	77,977	890	336	10,758	2,009	726	93,302
Disability	3,905	76,038	1,166	4,540	-	-	-	87,638

(a) Includes Merchant Navy personnel.

(b) Disability pension total includes 1,989 members of peacetime forces

TABLE 4.16 COMMUNITY SERVICES VICTORIA, SELECTED CLIENT SUMMARY STATISTICS

<i>Particulars</i>	<i>1987-88</i>	<i>1988-89</i>	<i>1989-90</i>	<i>Percentage change 1988-89 to 1989-90</i>
	(Number)			
<i>Adoptions -</i>				
Children placed with a view to adoption	132	111	104	-6.3
Adoption finalised	52	121	150	24.0
Adoption information service registrations	1,798	1,926	2,541	31.9
<i>Foster care -</i>				
Children placed in foster care	4,336	5,236	5,864	12.0
Children in short-term and long-term foster care	404	450	589	30.9
Children in extended family placement	325	200	178	-11.0
<i>Non-parent assistance -</i>				
Payments for refugee children	105	58	35	-39.7
Payments for non-refugee children	727	597	524	-12.2
<i>Reception centres -</i>				
Young people in Departmental Reception Centres	186	143	107	-25.2
<i>Supervision orders -</i>				
Children placed on supervision	1,025	1,295	1,397	7.9
<i>Wards -</i>				
Admitted	694	688	557	-19.0
Discharged	712	649	837	29.0
<i>Youth Training Centres (YTC) -</i>				
Youth trainees referred from adult Courts	746	682	582	-14.7
Youth trainees referred from childrens Courts	430	273	216	-20.9
Young people in YTCs at 30 June	284	252	231	-8.3

TABLE 4.16 COMMUNITY SERVICES VICTORIA, SELECTED CLIENT SUMMARY
STATISTICS - *continued*

Particulars	1987-88	1988-89	1989-90	Percentage
				change 1988-89 to 1989-90
	(Number)			
<i>Youth parole (Placements, Discharges and Breaches) -</i>				
On parole at beginning of year	115	130	134	3.1
Released	246	242	197	-18.6
Cancelled	69	70	39	-44.3
Completed parole	162	168	163	-3.0
On parole at end of year	130	134	129	-3.7
<i>Intellectual Disability Services -</i>				
Clients	13,965	13,471	13,930	3.4

Source: Annual Report, Community Services Victoria

SPORT

Sports Participation

During the period November 1988 to October 1989 there were 1,378,300 Victorians aged 15 years and over, or 41.7 per cent of the adult population, who participated in at least one sporting activity. A participant included being a player/competitor, coach, trainer, administrator, or referee/umpire/adjudicator. Throughout all age groups males were more likely to have participated in a sport than females.

Of the 1,925,000 adults who were not involved in any sport, 716,700 people stated they were too busy to participate while another 663,800 Victorians were not interested in or did not like sport.

Victorians who lived outside the Melbourne metropolitan area were more likely to have been involved in sport than those who lived in Melbourne. This was especially true for those aged 15 to 19 years old and people aged 65 years and over.

The most popular sporting activity was Golf, with over 364,000 people who had participated at least once during the 12 month period. Tennis followed with 338,000 participants. Almost 190,000 people had been involved in Squash, the third ranking sport. When viewed in terms of gender, the ranking of the most popular sports alters. The main five sports for men were: Golf (284,900), Tennis (159,500), Australian Rules Football (124,400), Squash (115,800), and Cricket (99,300). For women the main five were: Tennis (178,900), Netball (141,100), Golf (79,500), Squash (73,800), and Ten Pin Bowling (70,000).

Sports Attended as a Spectator

It was estimated that 947,000 people aged 15 years or over attended an Australian Rules Football match as a paying spectator at least once during the 12 month period. This far exceeded the next highest figure of 251,000 who attended a game of Cricket. The importance of Basketball as a spectator sport is reflected in its being third with 246,000 adult Victorians having been a paying spectator. Tennis was fourth with 148,000 and Motor Sports fifth with 135,000.

TABLE 4.17 NUMBER AND PERCENTAGE OF PERSONS AGED 15 YEARS OR OVER:
COUNTRY OF BIRTH BY WHETHER PARTICIPATED IN SPORT, VICTORIA,
NOVEMBER 1988 TO OCTOBER 1989

Age in years	Participated		Did not participate		Total	
	Number	Per cent	Number	Per cent	Number	Per cent
Australia	1,120,600	47.6	1,232,300	52.4	2,352,900	100.0
New Zealand	17,100	53.6	14,800	46.4	32,000	100.0
Europe -						
UK and Ireland	97,900	41.6	137,600	58.4	235,400	100.0
Italy	18,700	14.4	111,200	85.6	129,900	100.0
Greece	*5,500	*8.5	59,700	91.5	65,200	100.0
Yugoslavia	*7,300	*11.3	57,900	88.7	65,200	100.0
Netherlands	*7,800	*27.7	20,300	72.3	28,100	100.0
Germany	*7,100	*20.0	28,400	80.0	35,500	100.0
Other Europe	*16,500	16.1	86,100	83.9	102,600	100.0
Asia	55,000	29.9	128,800	70.1	183,800	100.0
America	11,300	45.9	13,300	54.1	24,600	100.0
Africa	*10,300	*27.3	27,400	72.7	37,600	100.0
Oceania (excluding Aust. and NZ)	*3,200	31.0	7,200	69.0	10,500	100.0
Total	1,378,300	41.7	1,925,000	58.3	3,303,300	100.0

(a) Figures rounded to nearest hundred which may result in totals being slightly different to sum of components.

TABLE 4.18 NUMBER (a) AND PERCENTAGE OF PERSONS AGED 15 YEARS OR OVER:
WHETHER PARTICIPATED IN SPORT, VICTORIA, NOVEMBER 1988 TO OCTOBER 1989

Age in years	Participated		Did not participate		Total	
	Number	Per cent	Number	Per cent	Number	Per cent
Males						
15-19	132,000	72.5	50,100	27.5	182,100	100.0
20-24	110,600	63.8	62,600	36.2	173,200	100.0
25-29	109,400	62.5	65,700	37.5	175,200	100.0
30-34	99,600	57.9	72,500	42.1	172,000	100.0
35-39	84,400	52.2	77,100	47.8	161,500	100.0
40-44	81,500	52.5	73,700	47.5	155,200	100.0
45-49	60,000	49.1	62,300	50.9	122,300	100.0
50-54	39,200	37.8	64,500	62.2	103,700	100.0
55-59	34,100	35.9	60,900	64.1	95,000	100.0
60-64	23,300	25.1	69,700	74.9	93,100	100.0
65-69	25,000	32.5	52,000	67.5	77,100	100.0
70-74	*10,700	*20.5	41,700	79.5	52,400	100.0
75 or over	14,300	22.3	49,500	77.7	63,800	100.0
Total	824,100	50.7	802,400	49.3	1,626,500	100.0

TABLE 4.18 NUMBER (a) AND PERCENTAGE OF PERSONS AGED 15 YEARS OR OVER: WHETHER PARTICIPATED IN SPORT, VICTORIA, NOVEMBER 1988 TO OCTOBER 1989 - continued

Age in years	Participated		Did not participate		Total	
	Number	Per cent	Number	Per cent	Number	Per cent
Females						
15-19	112,100	64.9	60,700	35.1	172,700	100.0
20-24	79,900	46.0	93,600	54.0	173,400	100.0
25-29	84,700	47.3	94,400	52.7	179,000	100.0
30-34	54,000	31.0	120,200	69.0	174,200	100.0
35-39	58,100	35.1	107,300	64.9	165,400	100.0
40-44	36,600	24.0	115,600	76.0	152,200	100.0
45-49	25,200	21.2	93,700	78.8	118,900	100.0
50-54	27,900	27.6	73,400	72.4	101,400	100.0
55-59	20,400	21.9	72,800	78.1	93,100	100.0
60-64	15,200	16.1	79,300	83.9	94,500	100.0
65-69	18,200	20.6	69,900	79.4	88,100	100.0
70-74	*8,900	*13.1	58,900	86.9	67,800	100.0
75 or over	13,000	13.5	82,900	86.5	95,900	100.0
Total	554,200	33.0	1,122,600	67.0	1,676,800	100.0
Persons						
15-19	244,000	68.8	110,800	31.2	354,800	100.0
20-24	190,400	54.9	156,200	45.1	346,700	100.0
25-29	194,100	54.8	160,100	45.2	354,200	100.0
30-34	153,600	44.4	192,600	55.6	346,200	100.0
35-39	142,500	43.6	184,400	56.4	326,900	100.0
40-44	118,100	38.4	189,300	61.6	307,400	100.0
45-49	85,300	35.3	156,000	64.7	241,200	100.0
50-54	67,100	32.7	138,000	67.3	205,100	100.0
55-59	54,500	29.0	133,700	71.0	188,200	100.0
60-64	38,600	20.6	149,000	79.4	187,600	100.0
65-69	43,200	26.2	121,900	73.8	165,100	100.0
70-74	19,600	16.3	100,500	83.7	120,200	100.0
75 or over	27,200	17.1	132,400	82.9	159,700	100.0
Total	1,378,300	41.7	1,925,000	58.3	3,303,300	100.0

(a) Figures rounded to nearest hundred which may result in totals being slightly different to sum of components.

TABLE 4.19 NUMBER (a) OF PERSONS AGED 15 YEARS OR OVER: MAIN SPORTS PARTICIPATED IN BY SEX, VICTORIA, NOVEMBER 1988 TO OCTOBER 1989

Main sports participated in	Male	Female	Persons
Athletics	44,700	39,700	84,300
Australian Rules Football	124,400	*6,500	130,900
Badminton	29,500	25,400	54,900
Baseball	17,600	*2,000	19,600
Basketball	73,800	66,000	139,800
Billiards/Snooker/Pool	94,800	30,600	125,400
Bowls (Indoor)	11,600	21,500	33,200
Bowls (Lawn)	50,000	32,600	82,600

TABLE 4.19 NUMBER (a) OF PERSONS AGED 15 YEARS OR OVER: MAIN SPORTS PARTICIPATED IN BY SEX, VICTORIA, NOVEMBER 1988 TO OCTOBER 1989 - continued

<i>Main sports participated in</i>	<i>Male</i>	<i>Female</i>	<i>Persons</i>
Cricket	99,300	*8,100	107,500
Cricket (Indoor)	71,500	39,200	110,600
Darts	32,900	*8,400	41,300
Equestrian sports	*6,400	13,100	19,500
Golf	284,900	79,500	364,400
Gymnastics/Callisthenics	*4,200	13,600	17,800
Hockey	20,800	11,900	32,700
Netball	17,800	141,100	159,000
Soccer	47,600	*9,500	57,100
Soccer (Indoor)	20,200	*3,900	24,100
Softball	*4,000	19,500	23,500
Squash	115,800	73,800	189,600
Swimming (competitive)	13,300	14,200	27,500
Table Tennis	60,000	30,100	90,100
Tennis	159,500	178,900	338,400
Ten Pin Bowling	69,400	70,000	139,400
Volleyball	23,900	30,000	53,900

(a) Figures rounded to nearest hundred which may result in slight differences between the sum of Males and Females and the actual figure in Persons column.

CRIME AND JUSTICE

Major crime

During 1988-89 there were 314,755 offences reported to the Victoria Police. The major reported offences were theft (38 per cent of all reported offences), burglary (28 per cent), fraud (21 per cent), and motor vehicle theft (11 per cent). The largest proportional increase in reported offences were for rape, which increased 23 per cent between 1987-88 and 1988-89, and serious assaults which increased by 20 per cent. Homicides, however, decreased during this period by 30 per cent.

The number of people proceeded against increased noticeably by 73 per cent to 54,667.

Prisoners and offenders

Following the opening of the Melbourne Remand Centre during 1988-89, there were 14 prisons operating in Victoria at 30 June 1989. These prisons had a maximum capacity of 2,375 prisoners, an eight per cent increase in capacity during the 12 month period.

Of the 2,256 prisoners in custody at 30 June 1989, less than 6 per cent were female. Seventy-two per cent of prisoners in custody had been in prison on previous occasions. The number of offenders on community based correction programs in Victoria decreased during the 12 months by 1,036 to 4,802. This has resulted in the number of offenders on such programs decreasing by 25 per cent since 1987, whilst the number of prisoners in custody has increased by 15 per cent during the same period.

TABLE 4.20 SUMMARY OF MAJOR CRIME, VICTORIA

Offence	Reported		Offences cleared		People proceeded against	
	1987-88	1988-89	1987-88	1988-89	1987-88	1988-89
Homicide	242	168	221	159	148	178
Serious assault	3,723	4,483	2,383	3,233	1,793	2,323
Robbery	1,811	1,818	537	759	355	742
Rape	458	564	296	n.y.a.	202	304
Burglary	90,569	88,527	11,038	14,740	5,670	13,667
Theft	118,416	118,954	26,012	30,624	17,547	23,305
Motor vehicle theft	32,777	35,574	4,681	6,864	3,092	5,793
Fraud and deception	62,538	64,667	25,326	39,840	2,802	8,365
Total	310,534	314,755	70,494	96,219	31,610	54,677

Source: Victoria Police Statistical Review 1988-89

TABLE 4.21 SENTENCED AND UNSENTENCED PRISONERS, VICTORIA

Year	Prisoners in custody at 30 June -				
	Sentenced		Unsentenced		Total
	number	per cent	number	per cent	
1984	1,665	90.2	180	9.8	1,845
1985	1,655	88.1	223	11.9	1,878
1986	1,749	89.5	206	10.5	1,955
1987	1,705	87.2	251	12.8	1,956
1988	1,820	88.2	244	11.8	2,064
1989	1,942	86.2	311	13.8	2,253

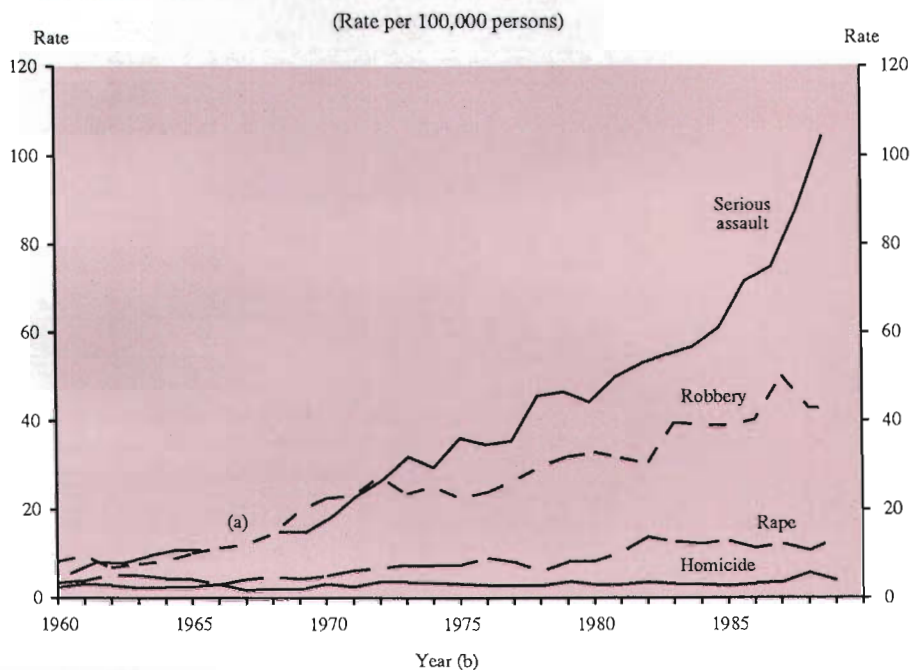
Source: Annual National Prison Census, conducted by the Australian Institute of Criminology.

TABLE 4.22 PRISON CAPACITIES AND PRISONER NUMBERS, VICTORIA, 1990

Prison	Maximum capacity at 30 June 1990	Daily average number of prisoners in custody during 1989-90
Ararat	219	211
Becchworth	119	117
Bendigo	85	84
Castlemaine	97	97
Dhurringile	100	96
Fairlea	86	81
Geelong	144	131
Melbourne Remand Centre	120	..
Metropolitan Reception Prison	586	533
Morwell River	90	86
Pentridge	506	463
Sale	61	60
Tarrengower	24	22
Won Wron	120	120
Total	2,357	2,101

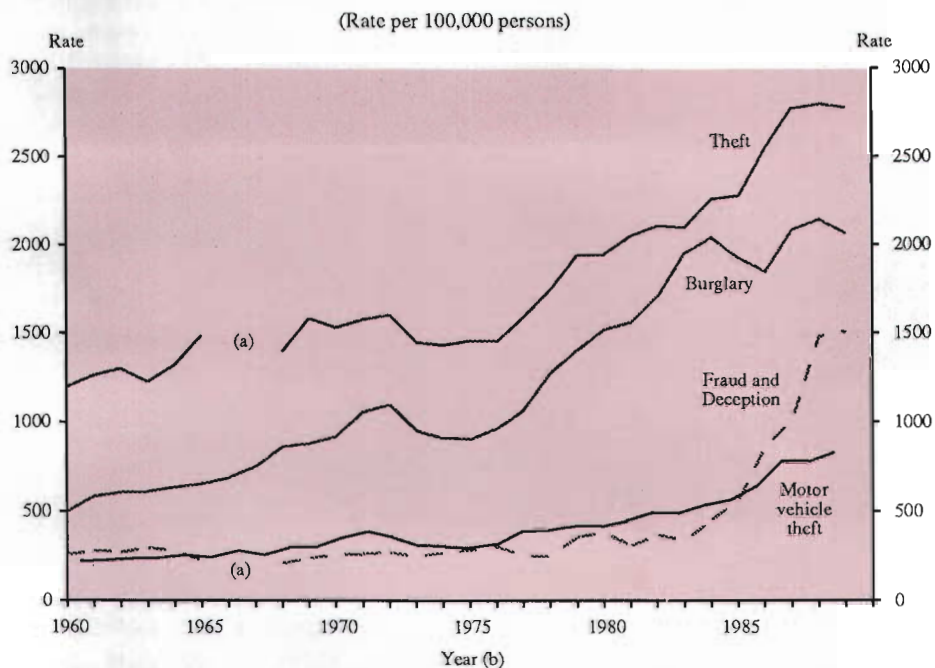
Source: Victorian Office of Corrections

REPORTED CRIMES: MAJOR CRIMES AGAINST THE PERSON, VICTORIA



(a) The data were unavailable. (b) The years shown are calendar years until 1984-85 when they became financial years.

REPORTED CRIMES: MAJOR CRIMES AGAINST PROPERTY, VICTORIA



(a) The data were unavailable. (b) The years shown are calendar years until 1984-85 when they became financial years.

TABLE 4.23 PRISONERS IN CUSTODY BY AGE BY SEX AND PRIOR IMPRISONMENT (a), VICTORIA, 30 JUNE 1989

Prior imprisonment status	Age of Prisoners								Total
	17-20	21-24	25-29	30-34	35-39	40-49	50-59	60 or over	
<i>Prior imprisonment</i>									
Males	119	307	398	311	186	171	38	11	1,541
Females	3	21	30	13	10	6	1	1	85
Total	122	328	428	324	196	177	39	12	1,626
<i>No prior imprisonment</i>									
Males	87	116	110	92	77	76	24	5	587
Females	1	12	13	5	5	5	1	1	43
Total	88	128	123	97	82	81	25	6	630
Total	210	456	551	421	278	258	64	18	2,256
Percentage of age group with prior imprisonment	58.1	71.9	77.7	77.0	70.5	68.6	60.9	66.7	72.1

(a) Prior imprisonment includes time spent on remand as well as time under sentence, but does not include terms of imprisonment in a Youth Training Centre.

TABLE 4.24 OFFENDERS ON COMMUNITY BASED CORRECTION PROGRAMS, VICTORIA

Program	Offenders per program at 30 June (a)					
	1984	1985	1986	1987	1988	1989
Community based orders (b)	-	-	290	3,319	3,962	3,726
Probation orders	3,345	3,731	3,800	1,653	461	202
Attendance centre orders	302	391	555	4	-	-
Community service orders (c)	79	226	613	56	-	-
Parole	1,025	956	938	925	913	757
Pre-release (d)	199	258	238	180	174	117
Total	4,950	5,562	6,434	6,137	5,510	4,802

(a) It is possible for individual offenders to be on more than one program at the same time and therefore counted separately in each program type.

(b) Commenced on 1 June 1986. This new order replaced attendance Centre Orders, Community Service Orders and Probation Orders as a non-custodial sentencing option.

(c) Commenced in one region of the State only, in September 1982; available Statewide from 1 February 1985.

(d) Commenced 1 April 1984.

Source: Victorian Office of Corrections

REFERENCES

Data sources

The statistics in this chapter are mainly derived from a number of administrative by-product collections.

Statistics on primary and secondary education are from the National Schools Statistics Collection conducted annually. Higher education data are provided by the Commonwealth Department of Employment, Education and Training.

Data on hospitals and hospital morbidity are provided by the Victorian Health Department.

Cause of death statistics are compiled by the ABS from data made available from the Registrar of Births, Deaths and Marriages.

Social welfare data have been obtained from the Commonwealth Department of Social Security, Community Services Victoria, Commonwealth Department of Veterans Affairs, Australian Institute of Criminology, the Victorian Office of Corrections and Victoria Police.

ABS publications

Older People in Victoria (2501.2)

Causes of Death, Victoria (3302.2)

Causes of Death, Australia (3303.0)

Social Indicators, Australia (4101.0)

Social Indicators, Victoria (4101.2)

Youth in Victoria (4111.2)

Women, Victoria (4112.2)

Reasons for Completion and Non-Completion of Secondary Education, Australia (4214.0)

Tertiary Education, Australia (4218.0)

National Schools Statistics Collection, Australia (4221.0)

Schools, Victoria (4221.2)

Public Hospital Morbidity, Victoria (4301.2)

Health, Social Report Victoria (4302.2)

Provision of Welfare Services by Volunteers, Victoria (4401.2)

Domiciliary Support in Private Dwellings, Victoria (4402.2)

Court Proceedings Initiated by Police, Victoria (4501.2)

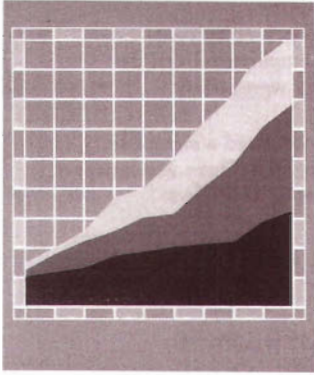
Crime Victims Survey, Victoria (4505.2)

Crime and Crime Prevention Survey, Victoria, July 1987, Preliminary (4507.2)

Victorian Social Survey: An Overview (4116.2)

Sports Participation, Victoria (4118.2)

5 *Victoria: A Broad Economic Overview*



INTRODUCTION

This Chapter contains a range of National and State Accounts and labour force statistics for the period 1983-84 to 1988-89. It presents a broad overview of the Victorian economy and provides a basis for comparison with the National economy. In addition, this Chapter serves as an introduction to Chapters 6 to 11, which deal with specific sectors of the Victorian economy.

General trends from 1983-84 to 1988-89

In general terms, the Victorian economy grew at a similar rate to the Australian economy during the period 1983-84 to 1988-89. During that six year period, Gross Domestic Product (GDP) at factor cost increased by 74 per cent for Australia and by 71 per cent for Victoria. The growth for the 1988-89 financial year was 12.6 per cent for Victoria and 13.9 per cent for Australia.

Household disposable income for Victoria grew by 57 per cent over the whole period, compared with 61 per cent for Australia. The Victorian growth in household income of 9.3 per cent in 1988-89 was exceeded by the Australian growth of 11.3 per cent.

Trends in industries

Victoria's share of the national economic activity did not vary greatly over the six year period; GDP at factor cost was not less than 27 per cent of the Australian total over the period. However, Victoria's share of Wholesale and retail trade increased from 26.8 per cent in 1983-84 to 29.2 per cent in 1988-89. Victoria's Transport, storage and communication industry moved in sympathy, from 23.3 per cent to 25 per cent.

Victoria's share of ownership of dwellings declined from 27.2 per cent of the Australian total to 25.2 per cent; while Victoria's share of Australia's Mining activity declined from 27.3 per cent to 18.8 per cent.

Manufacturing remained the most significant industry in terms of its contribution to the State's GDP at factor cost, and in providing employment. Victoria provided about 33 per cent of the Australian total each year, which was well above the 27 per cent share for all industries. However, Manufacturing's share of Victoria's GDP at factor cost slipped from 23.1 per cent of all industries to 21.2 per cent. This downward trend is common in developed western economies. Manufacturing's share of the Australian economy fell from a lower base of 18.6 per cent to 17.4 per cent.

Public administration and defence declined from 16.4 per cent to 15.6 per cent, and was overtaken by Wholesale and retail trade, which has risen from 12.9 per cent of all industries in 1983-84 to 16.4 per cent

TABLE 5.1 AUSTRALIAN NATIONAL ACCOUNTS, VICTORIA IN RELATION TO AUSTRALIA

	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
VICTORIA (\$m)						
GDP at factor cost	46,744	51,392	57,449	62,232	71,108	(a)80,071
Non farm GDP at market prices	53,677	59,787	66,450	70,109	80,343	89,409
Household disposable income	34,866	37,652	41,615	45,529	50,041	54,710
Farm income	1,060	485	456	740	983	991
Private final consumption	30,887	33,412	37,450	41,411	45,609	49,971
AUSTRALIA (\$m)						
GDP at factor cost	170,286	188,667	210,934	230,887	259,882	295,925
Non farm GDP at market prices	184,038	205,796	230,886	253,210	285,497	323,202
Household disposable income	127,656	138,820	153,699	166,634	184,891	205,860
Farm income	3,159	2,696	1,417	1,889	3,250	4,207
Private final consumption	116,242	127,473	142,544	155,804	173,255	192,194
VICTORIA AS A PERCENTAGE OF AUSTRALIA						
GDP at factor cost	27.5	27.2	27.2	27.0	27.4	27.1
Non farm GDP at market prices	29.2	29.1	28.8	27.7	28.1	27.7
Household disposable income	27.5	27.1	27.1	27.3	27.1	26.6
Farm income	33.6	18.0	32.2	39.2	30.2	23.6
Private final consumption	26.6	26.2	26.3	26.6	26.3	26.3

(a) Source: Department of Management and Budget, Victoria.

cent in 1988-89. Wholesale and retail trade has also contributed an increasing share of Australia's GDP at factor cost, rising from 13.2 per cent of all industries to 15.2 per cent.

In Victoria, the combined contribution of Mining and Agriculture declined from 9.2 per cent of the economy to 6.3 per cent.

Labour force

Victoria's share of the total number of persons employed in Australia exceeded 26 per cent in the late 1980's, peaking at 27.3 per cent in 1987, but levelling off to 26.5 per cent in 1989. In the six years to August 1989, Victoria's employment grew by 326,000 (19 per cent). Australia's employment increased by 1,265,200 (19.6 per cent). In 1989 alone, Victoria's employment grew by 6.2 per cent while Australia's employment increased by 5.1 per cent.

The employment growth exceeded the civilian population aged 15 and over. In Victoria, the latter grew by 275,200 (8.8 per cent), and in Australia it grew by 1,281,500 (10.9 per cent). In both cases the employment participation rate increased each year; in Victoria it rose over the six year period from 59.6 per cent to 63.3 per cent and for Australia the rate increased from 59.9 per cent to 62.7 per cent.

Throughout the period, Victoria's unemployment rate was consistently lower than Australia's, declining from 7.0 per cent to 4.4 per cent, compared with the decline in the national rate from 8.6 per cent to 5.7 per cent.

Victorian employment was strongly represented in Manufacturing, with over 33 per cent of Australia's jobs in that sector, with the exception of 1989, when the proportion fell to 32.6 per cent. The proportion of Victoria's employed persons engaged in Manufacturing drifted from 22.8 per cent in 1983-84 to 19.7 per cent in 1988-89. The corresponding Australian series moved in a similar direction, from 17.7 per cent to 16.0 per cent.

In 1989, for the first time in Victoria, there were more persons employed in Wholesale and retail trade (406,100) than in Manufacturing (402,900). In the whole of Australia, there were more persons employed in Wholesale and retail trade in each of the past six years. Community services was a larger employer than Manufacturing in Australia (except in 1984), although in Victoria it was considerably smaller.

TABLE 5.2 AUSTRALIAN NATIONAL ACCOUNTS, GROSS DOMESTIC PRODUCT AT FACTOR COST, BY STATE AND TERRITORY

	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
	\$m					
New South Wales	59,619	64,832	72,774	79,992	90,791	103,667
Victoria	46,744	51,392	57,449	62,232	71,108	80,071
Queensland	25,229	28,104	31,058	34,019	37,499	43,680
South Australia	13,905	15,532	17,240	18,606	20,327	22,971
Western Australia	15,438	18,260	20,412	22,691	25,612	29,417
Tasmania	4,052	4,520	5,029	5,546	6,066	6,748
Northern Territory	1,921	2,091	2,478	2,814	2,920	3,226
Australian Capital Territory	3,378	3,936	4,494	4,987	5,559	6,145
Australia	170,286	188,667	210,934	230,887	259,882	295,925
	Percentage change from previous year					
New South Wales	11.0	8.7	12.3	9.9	13.5	14.2
Victoria	14.4	9.9	11.8	8.3	14.3	12.6
Queensland	11.5	11.4	10.5	9.5	10.2	16.5
South Australia	20.4	11.7	11.0	7.9	9.2	13.0
Western Australia	8.6	18.3	11.8	11.2	12.9	14.9
Tasmania	10.9	11.5	11.3	10.3	9.4	11.2
Northern Territory	19.2	8.7	18.5	13.6	3.8	10.4
Australian Capital Territory	12.2	16.5	14.2	11.5	11.5	9.8
Australia	12.6	10.8	11.8	12.6	12.6	13.9
	Percentage share of total					
New South Wales	35.0	34.4	34.5	34.6	34.9	35.0
Victoria	27.4	27.2	27.2	27.0	27.4	27.0
Queensland	14.8	14.9	14.7	14.7	14.4	14.8
South Australia	8.2	8.2	8.2	8.1	7.8	7.8
Western Australia	9.1	9.7	9.7	9.8	9.9	9.9
Tasmania	2.4	2.4	2.4	2.4	2.3	2.3
Northern Territory	1.1	1.1	1.2	1.2	1.2	1.1
Australian Capital Territory	2.0	2.1	2.1	2.2	2.1	2.1
Australia	100.0	100.0	100.0	100.0	100.0	100.0

(a) Source: Department of Management and Budget, Victoria.

Victoria's employment in the volatile Construction industry increased from 95,000 in August 1984 to 158,000 in August 1989, an increase of 66 per cent. In the remainder of Australia, Construction employment increased by less than 5 per cent (19,100) over the same period. Finance, property and business services employment increased by 67,800 (42 per cent) in Victoria, and by 255,000 (41 per cent) in Australia.

TABLE 5.3 AUSTRALIAN NATIONAL ACCOUNTS, GROSS DOMESTIC PRODUCT AT FACTOR COST BY INDUSTRY
(Sm)

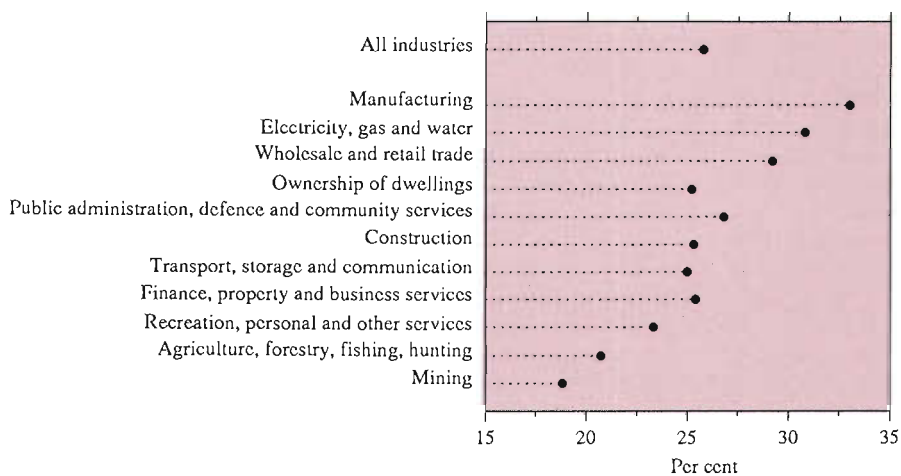
<i>Industry</i>	<i>1983-84</i>	<i>1984-85</i>	<i>1985-86</i>	<i>1986-87</i>	<i>1987-88</i>	<i>1988-89</i>
VICTORIA						
Agriculture, forestry, fishing, and hunting	2,121	1,703	1,850	2,218	2,514	2,728
Mining	2,200	2,770	2,859	2,174	2,319	2,318
Manufacturing	10,811	11,840	12,568	13,219	14,945	16,979
Electricity, gas, and water	1,974	2,128	2,327	2,716	2,983	3,192
Construction	2,757	3,182	3,751	4,191	4,653	5,391
Wholesale and retail trade	6,035	7,110	8,350	9,238	10,671	13,134
Transport, storage, and communication	3,459	3,876	4,370	5,102	5,858	6,314
Finance, property, and business services	3,168	2,869	3,631	3,798	5,552	6,557
Public administration, defence, and community services	7,650	8,545	9,444	10,497	11,452	12,511
Recreation, personal, and other services	1,577	1,828	2,055	2,100	2,535	2,651
Ownership of dwellings	3,927	4,424	5,027	5,673	6,247	6,831
General government gross operating surplus	1,065	1,117	1,217	1,306	1,379	1,465
All industries	46,744	51,392	57,449	62,232	71,108	80,071
AUSTRALIA						
Agriculture, forestry, fishing, and hunting	8,654	8,563	8,532	9,388	11,038	13,192
Mining	8,052	9,353	11,405	11,564	12,055	12,319
Manufacturing	31,616	34,694	37,501	39,456	44,618	51,523
Electricity, gas, and water	6,829	7,402	8,202	9,043	9,752	10,362
Construction	11,378	13,105	14,791	16,563	18,336	21,273
Wholesale and retail trade	22,495	26,314	30,247	32,390	37,205	44,848
Transport, storage, and communication	14,834	16,721	18,460	20,583	23,234	25,271
Finance, property, and business services	12,231	12,783	15,331	17,761	21,353	25,820
Public administration, defence, and community services	29,003	31,879	35,036	39,136	42,353	46,674
Recreation, personal, and other services	6,399	7,234	8,137	8,811	10,337	11,357
Ownership of dwellings	14,434	16,017	18,254	20,834	23,787	27,106
General government gross operating surplus	4,361	4,602	5,038	5,458	5,814	6,180
All industries	170,286	188,667	210,934	230,887	259,882	295,925

(a) Source: Department of Management and Budget, Victoria.

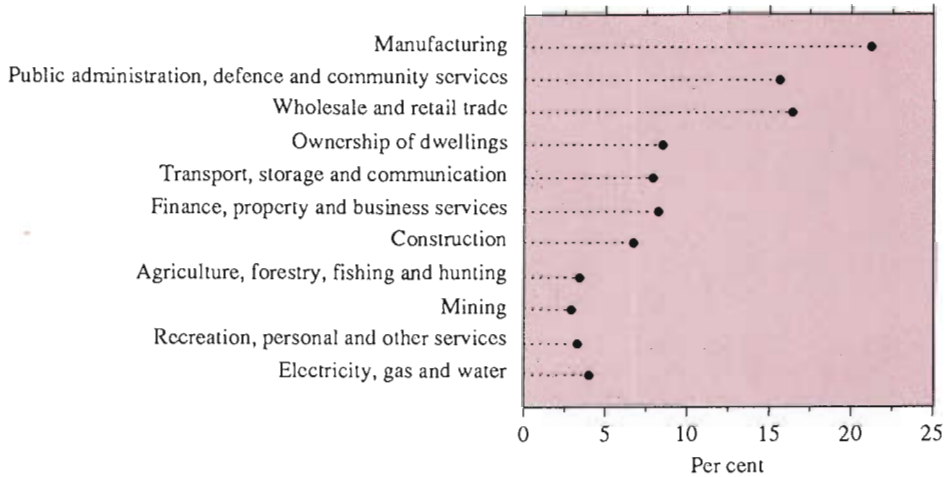
TABLE 5.4 AUSTRALIAN NATIONAL ACCOUNTS, GROSS DOMESTIC PRODUCT AT FACTOR COST BY INDUSTRY, VICTORIA AS A PERCENTAGE OF AUSTRALIA
(per cent)

<i>Industry</i>	<i>1983-84</i>	<i>1984-85</i>	<i>1985-86</i>	<i>1986-87</i>	<i>1987-88</i>	<i>1988-89</i>
Agriculture, forestry, fishing, and hunting	24.5	19.9	21.7	23.6	22.8	20.7
Mining	27.3	29.6	25.1	18.8	19.2	18.8
Manufacturing	34.2	32.1	33.5	33.5	33.5	33.0
Electricity, gas, and water	28.9	28.7	28.4	30.0	30.6	30.8
Construction	24.2	24.3	25.4	25.3	25.4	25.3
Wholesale and retail trade	26.8	27.0	27.6	28.5	28.7	29.2
Transport, storage, and communication	23.3	23.2	23.7	24.8	25.2	25.0
Finance, property, and business services	25.9	22.4	23.7	21.4	26.0	25.4
Public administration, defence, and community services	26.4	26.8	27.0	26.8	27.0	26.8
Recreation, personal, and, other services	24.6	25.3	25.3	23.8	24.5	23.3
Ownership of dwellings	27.2	27.6	27.5	27.2	26.3	25.2
General government gross operating surplus	29.5	24.3	24.2	23.9	23.7	23.7
All industries	27.5	27.2	27.2	27.0	27.4	27.1

**AUSTRALIAN NATIONAL ACCOUNTS, GROSS DOMESTIC PRODUCT
AT FACTOR COST BY INDUSTRY,
VICTORIA AS A PERCENTAGE OF AUSTRALIA, 1988-89**



AUSTRALIAN NATIONAL ACCOUNTS, INDIVIDUAL INDUSTRIES AS A PERCENTAGE OF GROSS DOMESTIC PRODUCT AT FACTOR COST, VICTORIA, 1988-89



AUSTRALIAN NATIONAL ACCOUNTS, INDIVIDUAL INDUSTRIES AS A PERCENTAGE OF GROSS DOMESTIC PRODUCT AT FACTOR COST, AUSTRALIA, 1988-89

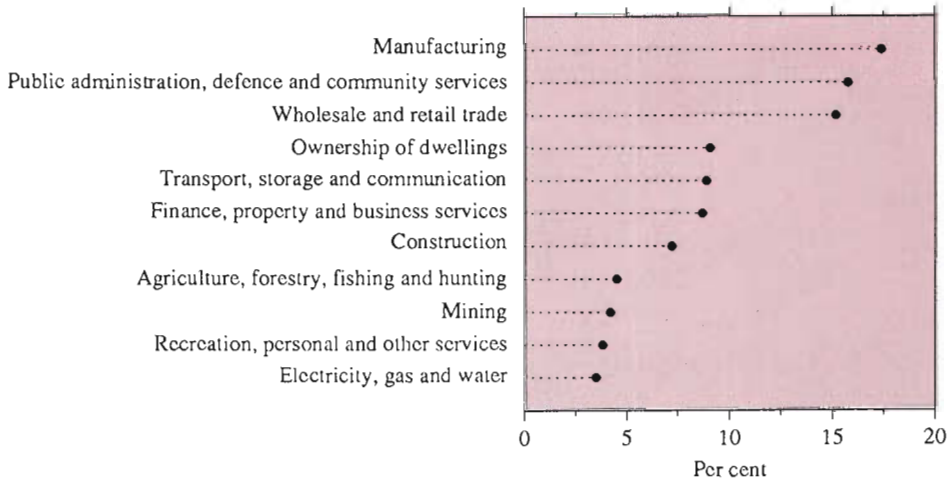


TABLE 5.6 EMPLOYED PERSONS BY INDUSTRY (a)
(^{'000})

August	Agriculture forestry, fishing, and hunting	Mining	Manufacturing	Construction	Wholesale and retail trade	Transport and storage	Finance property, and business services	Community services	Recreational, personal, and other services	Other industries (b)	Total
VICTORIA											
1984	97.5	5.1	392.1	95.0	331.2	86.3	161.5	297.5	96.5	160.2	1,723.0
1985	98.6	6.0	399.8	110.4	342.5	85.6	171.2	307.7	98.1	165.9	1,785.7
1986	96.4	5.9	373.4	127.0	342.0	100.1	198.4	325.3	97.1	168.0	1,833.7
1987	96.0	7.7	394.1	128.4	369.3	95.4	199.0	357.2	114.0	170.1	1,931.2
1988	95.9	5.6	407.2	132.2	381.3	89.8	214.5	338.9	110.9	154.2	1,930.5
1989	98.7	6.8	402.9	158.1	406.1	102.1	233.3	349.2	135.1	157.6	2,049.8
AUSTRALIA											
1984	400.2	93.2	1,141.4	423.2	1,271.4	354.1	619.3	1,138.4	420.0	601.2	6,462.4
1985	414.3	102.4	1,109.4	468.8	1,318.8	375.1	663.7	1,155.2	428.5	609.8	6,646.1
1986	414.8	95.9	1,126.7	491.0	1,383.6	394.2	699.2	1,216.0	455.0	609.2	6,885.6
1987	404.0	99.4	1,151.4	485.7	1,408.0	373.6	766.7	1,280.3	494.9	609.2	7,073.2
1988	428.2	95.3	1,203.6	529.2	1,502.2	379.1	805.5	1,308.6	530.2	571.5	7,353.4
1989	406.2	105.4	1,236.0	601.4	1,606.9	407.5	875.2	1,356.9	554.7	577.2	7,727.6

See footnotes at end of Table 5.8.

TABLE 5.7 EMPLOYED PERSONS BY INDUSTRY AS A PERCENTAGE OF TOTAL PERSONS EMPLOYED (a)

August -	Agriculture forestry, fishing and hunting	Mining	Manufacturing	Construction	Wholesale and retail trade	Transport and storage	Finance, property, and business services	Community services	Recreational, personal, and other services	Other industries (b)	Total
VICTORIA											
1984	5.7	0.3	22.8	5.5	19.2	5.0	9.4	17.3	5.6	9.3	100.0
1985	5.5	0.3	22.4	6.2	19.2	4.8	9.6	17.2	5.5	9.3	100.0
1986	5.3	0.3	20.4	6.9	18.7	5.5	10.8	17.7	5.3	9.2	100.0
1987	5.0	0.4	20.4	6.6	19.1	4.9	10.3	18.5	5.9	8.8	100.0
1988	5.0	0.3	21.1	6.8	19.7	4.7	11.1	17.6	5.7	8.0	100.0
1989	4.8	0.3	19.7	7.7	19.8	5.0	11.4	17.0	6.6	7.7	100.0
AUSTRALIA											
1984	6.2	1.4	17.7	6.5	19.7	5.5	9.6	17.6	6.5	9.3	100.0
1985	6.2	1.5	16.7	7.1	19.8	5.6	10.0	17.4	6.4	9.2	100.0
1986	6.0	1.4	16.4	7.1	20.1	5.7	10.2	17.7	6.6	8.8	100.0
1987	5.7	1.4	16.3	6.9	19.9	5.3	10.8	18.1	7.0	8.6	100.0
1988	5.8	1.3	16.4	7.2	20.4	5.2	10.9	17.8	7.2	7.8	100.0
1989	5.2	1.4	16.0	7.8	20.8	5.3	11.3	17.5	7.2	7.5	100.0

See footnotes at end of Table 5.8.

TABLE 5.8 EMPLOYED PERSONS BY INDUSTRY (a), VICTORIA AS A PERCENTAGE OF AUSTRALIA

August -	Agriculture forestry, fishing and hunting	Mining	Manufacturing	Construction	Wholesale and retail trade	Transport and storage	Finance, property, and business services	Community services	Recreational, personal, and other services	Other industries (b)	Total
1984	24.4	5.5	34.4	22.4	26.1	24.4	26.1	26.1	23.0	26.6	26.7
1985	23.8	5.9	36.0	23.5	26.0	22.8	25.8	26.6	22.9	27.2	26.9
1986	23.2	6.2	33.1	25.9	24.7	25.4	28.4	26.8	21.3	27.6	26.6
1987	23.8	7.7	34.2	26.4	26.2	25.5	26.0	27.9	23.0	27.9	27.3
1988	22.4	5.9	33.8	25.0	25.4	23.7	26.6	25.9	20.9	27.0	26.3
1989	24.3	6.4	32.6	26.3	25.3	25.1	26.7	25.7	24.4	27.3	26.5

(a) Classified according to Australian Standard Industrial Classification, and based on 1981 Census benchmarks.

(b) Comprises electricity, gas, and water; communication; public administration; and defence.

TABLE 5.9 CIVILIAN POPULATION AGED 15 AND OVER: LABOUR FORCE STATUS (a)

<i>August</i>	<i>Employed ('000)</i>	<i>Unemployed ('000)</i>	<i>Labour force ('000)</i>	<i>Not in the Labour force ('000)</i>	<i>Civilian population aged 15 years and over ('000)</i>	<i>Unemployment rate (per cent)</i>	<i>Participation rate (per cent)</i>
VICTORIA							
1984	1,723.0	129.9	1,852.9	1,256.9	3,109.8	7.0	59.6
1985	1,785.7	117.2	1,902.9	1,258.7	3,161.6	6.2	60.2
1986	1,833.7	132.7	1,966.3	1,256.7	3,223.0	6.7	61.0
1987	1,931.2	122.0	2,053.2	1,230.4	3,283.5	5.9	62.5
1988	1,930.5	114.9	2,045.4	1,284.4	3,329.7	5.6	61.4
1989	2,049.8	93.6	2,143.4	1,241.6	3,385.0	4.4	63.3
AUSTRALIA							
1984	6,462.3	604.6	7,066.9	4,727.0	11,793.9	8.6	59.9
1985	6,646.1	571.2	7,217.2	4,762.5	11,979.7	7.9	60.2
1986	6,885.7	595.6	7,481.4	4,745.6	12,226.9	8.0	61.2
1987	7,073.2	601.9	7,675.1	4,828.1	12,503.2	7.8	61.4
1988	7,353.4	538.7	7,892.1	4,922.5	12,814.5	6.8	61.6
1989	7,727.6	469.4	8,197.0	4,878.5	13,075.4	5.7	62.7

(a) Based on 1981 Census benchmarks.

REFERENCES

Data sources

National Accounts provide a systematic statistical framework for summarising and analysing the economic transactions taking place within the nation. While other statistical systems and collections fulfil similar functions in respect of particular parts of the economy and for particular types of transactions, the national accounts provide a comprehensive picture.

For an introduction into the concepts and definitions and a description of the sources of data and methods used to derive estimates for major national accounts aggregates, reference should be made to the publication *Australian National Accounts: Concepts, Sources and Methods* (5216.0).

For additional data on national accounts refer to the following publications.

ABS publications

Australian National Accounts: National Income and Expenditure (5204.0)

Australian National Accounts: State Accounts (5220.0)

The Labour Force, Australia (6203.0)

The Labour Force, Victoria (6202.2)

6 *Agriculture*



INTRODUCTION

This chapter presents an overview of Victoria's agricultural performance as compared with Australia as a whole. Data are provided on the gross value of commodities produced, the major agricultural activities within statistical divisions, the area and production of agricultural commodities, and information concerning livestock and livestock products. The chapter concludes with a new article on the environment, which pays particular attention to the problem of soil salinity.

The 1989 Season

Compared with the 1988 season, 1989 saw a reduction both in the area and production of cereals for grain of 9 per cent and 8 per cent respectively, continuing a downward trend.

Despite a fall of 3 per cent in the area of legumes for grain, production rose by 8 per cent, indicating an improved yield. This was also the case for oilseeds, the area of which fell by 9 per cent while production decreased only 6 per cent. The area of vegetables fell 3 per cent compared to the previous season.

Fruit production totalled 668,000 tonnes, a fall of 3 per cent over the previous year.

Grazing livestock numbers **increased** while there was a decline in the numbers of poultry and pigs. Wool clipped reached 132,500 tonnes, the highest production in the last three years.

There were 32,035 establishments commercially engaged in agricultural activity, 2 per cent fewer than in the previous year.

The 1989 season saw a **10 per cent rise** in the total gross value of agricultural commodities produced, to just over \$5 billion.

Victoria compared with Australia

In terms of farm income, Victoria's share for the latest 6 year period (1983-84 to 1988-89) fluctuated markedly. Farm income increased from \$983m in 1987-88 to \$991m in 1988-89, the highest since 1983-84. The 1988-89 figure represented 24 per cent of the Australian farm income of \$4,207m.

The gross value of agricultural commodities produced (GVACP) provides a measure of the output from farming. **In 1988-89, the GVACP for Victoria was \$5,037m, or 22 per cent of the Australian total of \$23,120m.** In terms of value, Victoria produced 17 per cent of Australia's crops, 22 per cent of livestock slaughtered, and 27 per cent of livestock products (wool, milk, **eggs**, and honey).

Scope of the Agricultural Census

Statistics in this publication are, in general, derived from the annual Agricultural Census conducted throughout Australia at 31 March, which collects data from establishments with agricultural activity.

The ABS excludes from the Census establishments with an estimated value of agricultural operations (EVAO) less than a certain cut-off level. This cut-off level is reviewed from time to time. From 1981-82 to 1985-86 establishments were excluded from the Census if they had, or were expected to have, an EVAO of less than \$2,500. From the 1986-87 Census, the cut-off value was raised to \$20,000.

EVAO is an aggregation of derived values for all crop and livestock activity for each unit. It should be noted that EVAO is applicable *only for Industry Coding and Size Valuation purposes*. It is NOT an indicator of receipts obtained by units nor of the value of agricultural commodities produced by these units.

TABLE 6.1 AUSTRALIAN NATIONAL ACCOUNTS: GROSS DOMESTIC PRODUCT AT FACTOR COST, AGRICULTURE, FORESTRY, FISHING, AND HUNTING INDUSTRY

Year	Gross Domestic Product at factor cost		
	Victoria	Australia	Victoria as a percentage of Australia
	\$m	\$m	per cent
1983-84	r2,121	r9,243	r22.9
1984-85	r1,703	r9,313	r18.3
1985-86	r1,850	r9,225	r20.1
1986-87	r2,218	r10,063	r22.0
1987-88	r2,514	r12,060	r20.8
1988-89	2,728	14,210	19.2

TABLE 6.2 AUSTRALIAN NATIONAL ACCOUNTS : FARM INCOME

Year	Gross Domestic Product at factor cost		
	Victoria	Australia	Victoria as a percentage of Australia
	\$m	\$m	per cent
1983-84	r1,060	r3,159	r33.6
1984-85	r485	r2,696	r18.0
1985-86	r456	r1,417	r32.2
1986-87	r740	r1,889	r39.2
1987-88	r983	r3,250	r30.2
1988-89	991	4,207	23.6

TABLE 6.3 VALUE OF AGRICULTURAL COMMODITIES PRODUCED, VICTORIA
(S'000)

Particulars	Year ended 30 June					
	1984	1985	1986	1987	1988	1989
Crops -						
Cereals for grain	814,819	588,176	480,321	525,136	421,509	514,421
Hay	311,638	82,103	143,698	181,003	148,406	211,254
Industrial crops	34,465	35,776	33,091	34,329	48,562	45,706
Vegetables	197,641	158,496	185,605	227,351	255,994	304,674
Grapes	93,116	114,014	123,000	117,776	149,323	163,878
Fruit	113,962	151,554	154,030	203,604	202,101	228,139
Other	93,592	131,078	158,528	186,862	269,598	238,994
Total	1,659,233	1,261,197	1,278,273	1,476,061	1,495,493	1,707,066
Livestock slaughterings and other disposals -						
Cattle and calves	432,670	484,082	520,269	561,154	570,499	625,307
Sheep and lambs	182,611	179,647	178,677	259,275	270,033	233,308
Other	219,695	258,121	251,327	249,424	294,405	318,831
Total	834,804	921,851	950,273	1,069,853	1,134,937	1,177,446
Livestock products -						
Wool	381,858	502,306	542,076	726,259	1,144,831	1,159,326
Dairy products	589,062	473,360	557,935	643,778	747,811	904,065
Other	86,019	84,322	84,322	86,327	84,633	91,815
Total	1,056,939	1,059,988	1,184,647	1,456,364	1,977,275	2,155,206
Grand total	3,550,977	3,243,036	3,413,193	4,002,278	4,607,705	5,039,718

TABLE 6.4 GROSS VALUE OF AGRICULTURAL COMMODITIES PRODUCED 1988-89
(S'000)

	Victoria		Victoria as a percentage of Australia
	Victoria	Australia	
Crops -			
Cereals for Grain	514,400	4,200,600	12.2
Hay	211,200	532,000	39.6
Industrial Crops	45,700	1,563,100	2.9
Vegetables	304,700	1,197,300	25.4
Grapes	163,900	462,400	35.4
Fruit	228,100	1,000,200	22.8
Other	239,000	950,500	25.1
Total	1,707,000	9,906,100	17.2
Livestock Slaughterings and other disposals -			
Cattle and Calves	625,300	3,197,600	19.5
Sheep and Lambs	233,300	738,300	31.5
Other	318,800	1,356,300	23.5
Total	1,177,400	5,292,200	22.2
Livestock Products -			
Wool	1,159,300	5,906,000	19.6
Dairy Products	904,100	1,635,100	55.2
Other	91,800	369,700	24.8
Total	2,155,200	7,910,800	27.2
Grand total	5,039,600	23,109,100	21.8

TABLE 6.5 NUMBER OF ESTABLISHMENTS, WITH AGRICULTURAL ACTIVITY, AREA, AND LAND UTILISATION, BY STATISTICAL DIVISION 1988-89

Statistical division	Number of establishments (a)	Area used	Sown pasture	Native	Balance of	Total area of
		for crops(b)(c)	and lucerne	pasture	establishments	establishments
		'000 ha	'000 ha	'000 ha	'000 ha	'000 ha
Melbourne	1,492	18	92	34	31	175
Barwon	1,605	40	279	73	55	447
South Western	4,869	53	1,339	226	168	1,786
Central Highlands	1,787	60	517	124	96	796
Wimmera	3,286	735	1,000	188	459	2,382
Northern Mallee	3,536	695	677	358	732	2,463
Loddon-Campaspe	3,188	206	775	256	281	1,518
Goulburn	4,888	127	745	218	181	1,271
North Eastern	1,841	33	311	97	263	704
East Gippsland	1,197	8	227	269	374	878
Central Gippsland	3,433	9	422	57	87	575
East Central	913	4	75	10	12	102
Total Victoria	32,035	1,990	6,458	1,910	2,738	13,096

(a) Includes non land-based bee keeping establishments (i.e. bee keeping activity not permanently located at one site).

(b) Excludes area of pasture cut for hay or seed.

(c) Duplicated area included if double-cropping occurred.

TABLE 6.6 NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY, CLASSIFIED BY EVAO AND MAIN ACTIVITY OF ESTABLISHMENT, BY STATISTICAL DIVISION, VICTORIA, 1988-89 (a)

Main activity of establishment	Estimated value of agricultural operations (EVAO) (\$'000)						Total establishments
	<20	20-39	40-59	60-99	100-199	200+	
MELBOURNE STATISTICAL DIVISION							
Vegetables	5	26	34	55	86	89	295
Meat cattle	29	102	58	38	14	3	244
Orchard and other fruit	12	37	31	41	53	35	209
Nurseries	36	40	25	30	33	25	189
Poultry	6	9	12	27	31	56	141
Potatoes	-	1	2	2	1	3	9
Other	55	106	62	85	68	29	405
Total	143	321	224	278	286	240	1,492
BARWON STATISTICAL DIVISION							
Milk cattle	6	33	58	196	229	55	577
Sheep	12	59	84	127	111	68	461
Meat cattle	24	64	29	29	12	5	163
Other	33	60	55	76	92	88	404
Total	75	216	226	428	444	216	1,605
SOUTH WESTERN STATISTICAL DIVISION							
Sheep	20	113	237	528	721	416	2,035
Milk cattle	16	54	150	557	703	145	1,625
Sheep and meat cattle	5	50	64	112	164	155	550
Meat cattle	47	164	115	72	41	16	455
Other	25	22	21	37	44	55	204
Total	113	403	587	1,306	1,673	787	4,869

TABLE 6.6 NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY, CLASSIFIED BY EVAO AND MAIN ACTIVITY OF ESTABLISHMENT, BY STATISTICAL DIVISION, VICTORIA, 1988-89 (a) - continued

Main activity of establishment	Estimated value of agricultural operations EVAO (\$'000)						Total establishments
	<20	20-39	40-59	60-99	100-199	200+	
CENTRAL HIGHLANDS STATISTICAL DIVISION							
Sheep	18	102	162	299	375	204	1,160
Potatoes	1	3	9	24	39	57	133
Sheep and meat cattle	2	33	30	30	23	15	133
Sheep and cereals	3	12	13	17	27	20	92
Meat cattle	15	24	13	12	4	-	68
Other	22	37	31	41	42	28	201
Total	61	211	258	423	510	324	1,787
WIMMERA STATISTICAL DIVISION							
Sheep and cereals	9	91	160	330	545	300	1,435
Sheep	25	97	142	234	272	78	848
Cereal grains	14	95	113	192	245	158	817
Other	26	28	27	33	35	37	186
Total	74	311	442	789	1,097	573	3,286
NORTHERN MALLEE STATISTICAL DIVISION							
Grapes	15	169	349	481	326	77	1,417
Sheep and cereals	2	28	54	115	296	251	746
Cereal grains	10	42	52	78	165	195	542
Orchard and other fruit	11	21	29	47	44	62	214
Other	68	88	81	146	151	83	617
Total	106	348	565	867	982	668	3,536
LODDON-CAMPASPE STATISTICAL DIVISION							
Sheep	40	159	203	276	274	96	1,048
Milk cattle	5	23	53	306	309	58	754
Sheep and cereals	5	50	81	149	175	90	550
Sheep and meat cattle	6	36	36	50	54	9	191
Meat cattle	21	79	37	25	15	5	182
Pigs	-	5	4	15	20	32	76
Other	42	83	53	68	69	72	387
Total	119	435	467	889	916	362	3,188
GOULBURN STATISTICAL DIVISION							
Milk cattle	10	64	167	768	692	101	1,802
Sheep and cereals	1	41	77	143	121	27	410
Meat cattle	56	197	110	84	39	8	494
Sheep and meat cattle	7	84	107	141	112	39	490
Orchard and other fruit	4	24	27	57	110	140	362
Cereal grains	8	10	5	11	7	2	43
Meat cattle and cereals	3	7	5	10	4	1	30
Other	71	203	222	316	274	171	1,257
Total	160	630	720	1,530	1,359	489	4,888

TABLE 6.6 NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY, CLASSIFIED BY EVAO AND MAIN ACTIVITY OF ESTABLISHMENT, BY STATISTICAL DIVISION, VICTORIA, 1988-89 (a) - continued

Main activity of establishment	Estimated value of agricultural operations EVAO (\$'000)						Total establishments
	<20	20-39	40-59	60-99	100-199	200+	
NORTH EASTERN STATISTICAL DIVISION							
Meat cattle	40	208	165	146	62	14	635
Milk cattle	3	9	39	138	134	28	351
Sheep and meat cattle	7	44	59	70	64	15	259
Tobacco	-	11	20	36	71	35	173
Other	36	57	69	111	97	53	423
Total	86	329	352	501	428	145	1,841
EAST GIPPSLAND STATISTICAL DIVISION							
Milk cattle	1	13	26	115	145	50	350
Meat cattle	15	107	63	59	33	5	282
Sheep and meat cattle	2	25	43	58	60	28	216
Other	12	38	44	98	96	61	349
Total	30	183	176	330	334	144	1,197
CENTRAL GIPPSLAND STATISTICAL DIVISION							
Milk cattle	13	77	215	710	826	142	1,983
Meat cattle	79	286	168	137	87	25	782
Other	39	87	91	135	166	150	668
Total	131	450	474	982	1,079	317	3,433
EAST CENTRAL STATISTICAL DIVISION							
Milk cattle	3	30	49	139	133	11	365
Meat cattle	20	91	53	40	20	6	230
Other	25	39	48	53	84	69	318
Total	48	160	150	232	237	86	913

(a) The period covered in this and most subsequent tables in this Chapter is the 1988-89 season, which in general refers to the year ended 31 March 1989 but also includes activities which may have been finalised after 31 March (e.g. grape picking). In most of these activities the growing period occurred before 31 March.

AGRICULTURAL COMMODITIES

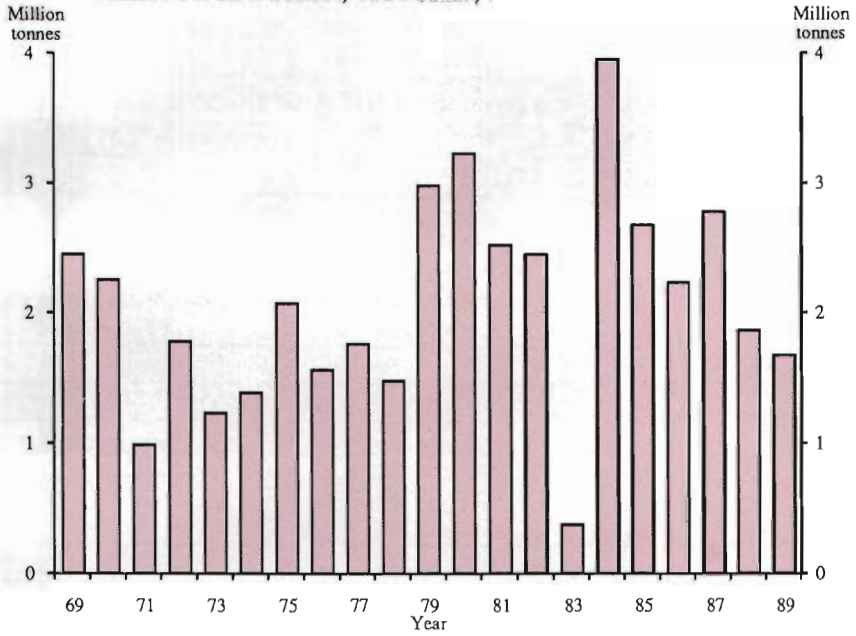
Field crops

The cereals wheat, oats, and barley are the principal field crops in Victoria. These, together with hay production, green feed, and silage, represent about 80 per cent of the total area sown, although there is some variation from year to year.

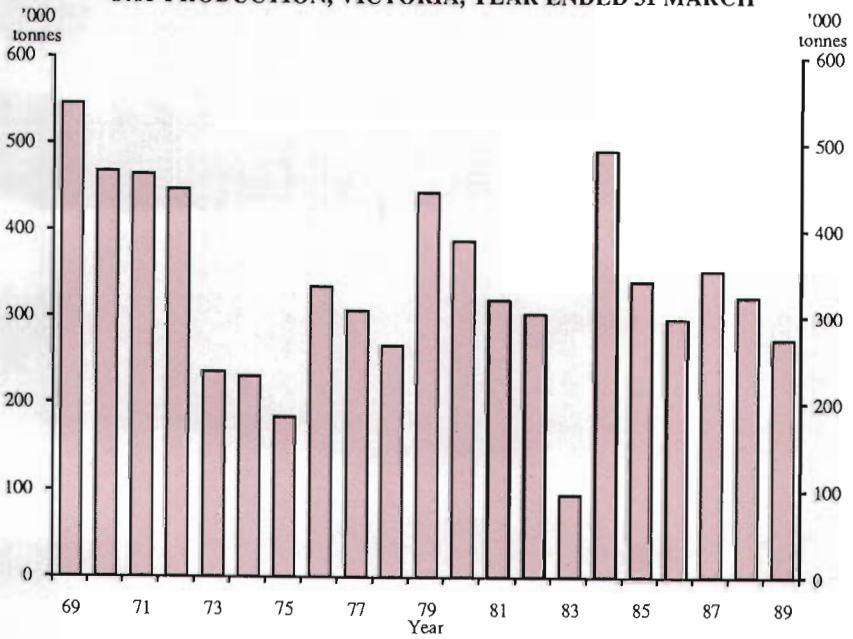
Wheat

Wheat is Victoria's largest crop in terms of area and production. The average area sown in the six-year period 1983-84 to 1988-89 was 1.3 million hectares, about 56 per cent of the State's total area under crops. Over the same period production has averaged 2.5 million tonnes, with a record 4.0 million tonnes in 1983-84. In Victoria, wheat remained a significant crop in 1988-89, representing 66 per cent of total cereals for grain. The value of wheat produced in Victoria amounted to \$355m in 1988-89.

WHEAT PRODUCTION, VICTORIA, YEAR ENDED 31 MARCH



OAT PRODUCTION, VICTORIA, YEAR ENDED 31 MARCH

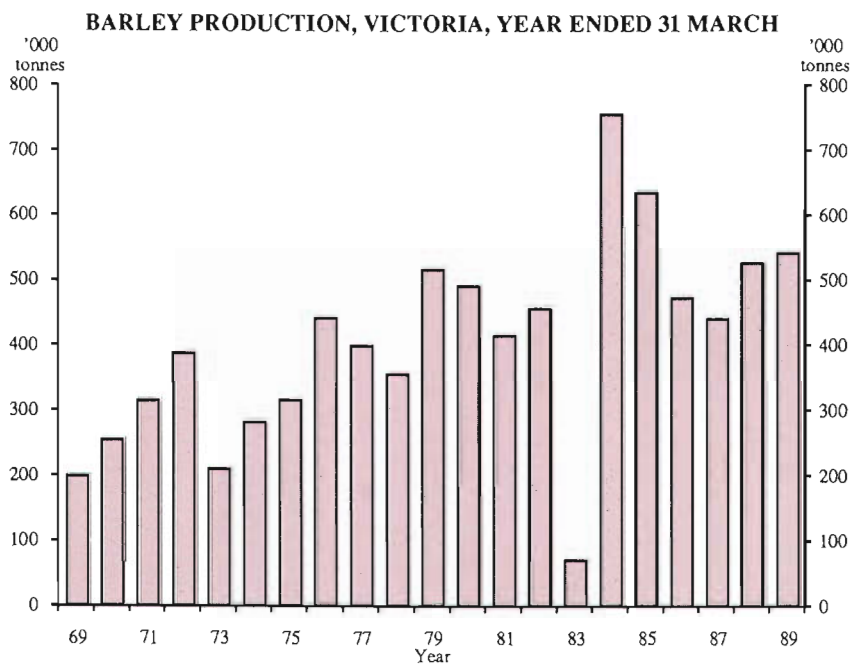


Oats

Oats are sown for grain production, winter grazing, and hay production. The average annual area sown for grain, grazing, and hay between 1983-84 and 1988-89 was 298,854 hectares, of which about 77 per cent was harvested for grain, some of it after being grazed during the winter. Generally, 60 per cent of oats produced is held on farms, 25 per cent is used for compound/urban feed markets, 5 per cent is milled and 10 per cent is exported. Within the feed market, the horse racing industry takes around 25,000 tonnes each year of the higher quality oats available for feed.

Barley

The area sown to barley for all purposes in 1988-89 was 353,896 hectares, slightly lower than the 6 year average of 380,728 hectares. While barley is grown in all statistical divisions, production has been traditionally centred in two distinct areas where high quality grain is produced. The largest production is in the south-west of the Northern Mallee and the adjacent north-western Wimmera. The second source of high quality barley grain is in an area between Melbourne, Geelong, and Bacchus Marsh in southern Victoria.



Maize

The total area of maize for grain fell from 860 hectares in 1983-84 to 250 hectares in 1988-89. Production fell from 5,023 tonnes in 1983-84 to 1,445 tonnes in 1988-89.

Oil seeds

The production of rapeseed increased from 4,161 tonnes in 1983-84 to 25,000 tonnes in 1985-86, before falling to 16,327 tonnes in 1988-89. However during the six year period, yields were the highest in 1986-87 and 1988-89. Safflower production showed further growth in 1988-89 to reach 20,126 tonnes, while the area sown increased to 25,824 hectares.

Grain legumes

The legumes, predominantly field peas and lupins for grain, have generally shown strong growth in recent years. The area of lupins sown has risen from about 100 hectares in 1973 to just under 35,000 hectares in 1988-89. The 1988 production of lupins was 37,000 tonnes, an increase of 5 per cent over the previous year, although the area sown was 2,000 hectares less than in 1987-88.

The production of field peas increased to 263,686 tonnes in 1988-89. This was considerably less than the record harvest of 334,800 tonnes in 1986-87. The area sown to field peas, which had an average increase of around 20,000 hectares per annum in the decade to 1983-84, appears to have stabilised. In 1988-89, the area sown was 221,000 hectares, 6 per cent less than the previous year.

TABLE 6.7 WHEAT FOR GRAIN, VICTORIA

Season	Area	Production	Average yield per hectare	A.S.W.(a) wheat standard
	'000 ha	'000 tonnes	tonnes	kg/hl
1983-84	1,614	3,971	2.46	76.7
1984-85	1,523	2,666	1.75	84.1
1985-86	1,508	2,250	1.49	80.9
1985-86 (b)	1,488	2,225	1.56	80.9
1986-87	1,364	2,795	2.05	80.2
1987-88	1,026	1,882	1.84	82.7
1988-89	931	1,691	1.82	82.5

(a) Australian Standard White, quoted in kilograms per hectolitre.

(b) To assist in gauging the degree of change of the effect of raising the EVAO cut-off from \$2,500 or more to \$20,000 or more, data for 1985-86 have been tabulated on both bases.

TABLE 6.8 OATS FOR GRAIN, VICTORIA

Season	Area	Production	Average yield per hectare
	'000 ha	'000 tonnes	tonnes
1983-84	324	494	1.52
1984-85	228	343	1.50
1985-86	212	300	1.42
1985-86 (a)	204	290	1.43
1986-87	215	356	1.66
1987-88	216	325	1.51
1988-89	189	276	1.46

(a) See footnote (b) to Table 6.7.

TABLE 6.9 BARLEY FOR GRAIN, VICTORIA

Season	Area		Production		Average yield per hectare	
	2-row	6-row	2-row	6-row	2-row	6-row
	'000 ha		'000 tonnes		tonnes	
1983-84	390	13	736	22	1.89	1.69
1984-85	470	15	617	20	1.31	1.34
1985-86	379	10	464	12	1.22	1.26
1985-86(a)	370	9	453	11	1.22	1.25
1986-87	259	6	433	11	1.67	1.68
1987-88	357	9	517	12	1.45	1.34
1988-89	342	8	534	10	1.56	1.33

(a) See footnote (b) to Table 6.7.

TABLE 6.10 OTHER CEREAL CROPS FOR GRAIN

Season	Rye		Maize		Millet		Triticale	
	Area	Production	Area	Production	Area	Production	Area	Production
	'000 ha	'000 tonnes	'000 ha	'000 tonnes	'000 ha	'000 tonnes	'000 ha	'000 tonnes
1983-84	7.1	5.3	0.9	5.0	3.3	4.8	7.6	14.2
1984-85	5.4	3.3	1.2	6.3	1.9	2.9	8.9	13.6
1985-86	10.0	5.9	1.1	5.0	1.7	2.6	11.9	18.6
1985-86 (a)	10.0	5.9	1.0	5.0	1.6	2.5	11.7	18.4
1986-87	22.8	19.0	0.6	3.2	2.8	4.5	17.6	28.5
1987-88	11.6	6.8	1.3	5.5	1.4	2.1	18.3	27.4
1988-89	8.1	4.8	0.3	1.4	1.0	1.6	16.0	25.8

(a) See footnote (b) to Table 6.7.

TABLE 6.11 SILAGE MADE, AND FARM STOCKS OF SILAGE AND HAY, BY STATISTICAL DIVISION
(tonnes)

Statistical division	Silage made, season 1988-89		Stocks at 31 March 1989	
	Silage	Hay	Silage	Hay
Melbourne	3,761	42,599	4,701	42,599
Barwon	16,936	133,939	19,406	133,939
South Western	56,280	455,518	37,475	455,518
Central Highlands	4,333	146,224	10,765	146,224
Wimmera	220	214,814	4,563	214,814
Northern Mallee	2,895	85,804	7,687	85,804
Loddon-Campaspe	9,929	301,968	15,679	301,968
Goulburn	15,804	446,632	17,126	446,632
North Eastern	22,137	153,125	33,850	153,125
East Gippsland	4,723	71,036	12,237	71,036
Central Gippsland	94,641	355,309	77,430	355,309
East Central	19,080	67,215	13,965	67,215
Total Victoria	250,738	2,474,182	254,884	2,474,182

TABLE 6.12 HAY PRODUCTION, VICTORIA, SEASON 1988-89

Variety	Area	Production	Average yield per hectare
	hectares	tonnes	tonnes
Meadow grass and clover	414,385	1,559,054	3.76
Oaten	34,051	127,599	3.75
Lucerne	29,854	154,180	5.16
Wheaten	4,072	13,412	3.29
Barley and other	3,168	8,327	2.63
Total	485,530	1,862,572	3.84

TABLE 6.13 SELECTED OILSEEDS PRODUCTION, VICTORIA

Season	Area (hectares)	Production (tonnes)	Average yield per hectare (tonnes)
LINSEED			
1983-84	1,973	1,510	0.77
1984-85	1,791	2,222	1.24
1985-86	3,399	5,346	1.57
1985-86 (a)	3,374	5,325	1.58
1986-87	2,618	2,926	1.12
1987-88	4,040	4,336	1.07
1988-89	1,981	2,539	1.28
RAPESEED			
1983-84	4,258	4,161	0.98
1984-85	8,592	8,711	1.01
1985-86	21,785	24,543	1.13
1985-86 (a)	21,670	24,434	1.13
1986-87	18,117	21,699	1.20
1987-88	21,080	22,730	1.08
1988-89	13,345	16,327	1.22
SAFFLOWER			
1983-84	3,619	2,610	0.72
1984-85	7,038	4,569	0.65
1985-86	9,432	6,264	0.66
1985-86 (a)	9,174	6,136	0.67
1986-87	10,448	7,425	0.71
1987-88	20,878	14,467	0.69
1988-89	25,824	20,126	0.78
SUNFLOWER			
1983-84	14,105	12,546	0.89
1984-85	12,355	14,407	1.17
1985-86	13,240	14,894	1.12
1985-86 (a)	12,806	14,297	1.12
1986-87	7,359	8,019	1.09
1987-88	4,161	7,234	1.74
1988-89	3,943	6,117	1.55

(a) See footnote (b) to Table 6.7.

TABLE 6.14 LEGUMES FOR GRAIN, VICTORIA

Season	Lupins		Field peas		Total (a)	
	Area	Production	Area	Production	Area	Production
	'000 ha	'000 tonnes	'000 ha	'000 tonnes	'000 ha	'000 tonnes
1983-84	16.2	15.8	45.6	61.4	62.0	77.5
1984-85	20.1	20.7	84.8	86.3	105.7	107.7
1985-86	24.2	30.4	136.7	137.0	161.9	168.6
1985-86 (b)	23.5	29.7	135.9	136.5	160.4	167.3
1986-87	27.6	37.2	197.8	334.8	232.5	384.7
1987-88	37.2	35.2	236.8	258.5	289.8	311.2
1988-89	34.9	37.0	221.1	263.7	280.7	335.6

(a) Includes chick peas, dried edible beans, etc.

(b) See footnote (b) to Table 6.7.

TABLE 6.15 AREA, PRODUCTION, AND YIELD OF LEGUMES FOR GRAIN, BY STATISTICAL DIVISION, YEAR ENDED 31 MARCH 1989

Statistical division	Lupins for grain			Field peas for grain			Total legumes for grain (a)		
	Area	Prod'n	Yield	Area	Prod'n	Yield	Area	Prod'n	Yield
	'000 ha	'000 tonnes	tonnes /ha	'000 ha	'000 tonnes	tonnes /ha	'000 ha	'000 tonnes	tonnes /ha
Melbourne	0.2	0.1	0.6	-	-	-	0.2	0.1	0.5
Barwon	1.2	1.3	1.1	1.9	2.4	1.2	3.1	3.7	1.2
South Western	1.2	1.3	1.1	0.6	0.8	1.4	2.0	2.3	1.2
Central Highlands	1.2	1.1	0.9	0.4	0.5	1.5	1.6	1.6	1.0
Wimmera	8.1	7.0	0.9	118.7	155.4	1.3	146.1	189.4	1.3
Northern Mallee	4.4	3.5	0.8	75.1	75.3	1.0	80.8	79.8	1.0
Loddon-Campaspe	3.8	3.6	1.0	21.3	25.5	1.2	28.6	35.2	1.2
Goulburn	11.2	14.7	1.3	3.0	3.8	1.3	14.4	18.6	1.3
North Eastern	3.5	4.4	1.2	-	-	1.3	3.5	4.3	1.2
East Gippsland	-	-	-	-	-	-	0.1	0.2	1.3
Central Gippsland	-	-	0.8	-	-	-	-	-	0.1
East Central	-	-	-	-	-	2.5	-	-	2.5
Total Victoria	34.9	37.0	1.1	221.1	263.7	1.2	280.6	335.6	1.2

(a) Includes chick peas, dried edible beans, etc.

FRUIT

Area planted

In Victoria in 1988-89, the area planted with fruit, nuts, and berries was 20,878 hectares, and the area of vineyards was 18,859 hectares. Although this total of 39,735 hectares is only about 1.2 per cent of the total area under crops in Victoria, fruit and vine growing make a valuable contribution to the economy of the State.

Tree fruit

In Victoria, the main fruit growing areas are in the Goulburn, Northern Mallee, Melbourne, and East Central Statistical Divisions. There are smaller areas in the North Eastern Statistical Division and also in the Gippsland, Bacchus Marsh, and Ballarat areas.

Small fruit

Climatic requirements have restricted the commercial production of strawberries, and cane and bramble fruits in particular, to the cooler southern regions of Victoria, and most of the fruit is grown in the hills of the Eastern Melbourne Metropolitan and Mornington Peninsula areas which are relatively close to the Melbourne market. During the last few years fruit growers in other parts of the State interested in diversification have taken up the production of strawberries, raspberries and kiwi fruit, particularly for the fresh fruit market.

Nuts

A wide range of nuts can be grown in Victoria. Examples are almonds, walnuts, chestnuts, hazelnuts, pecans, and pistachios. In the past, only a few of these trees have been grown in commercial plantings. Almonds were mainly planted in the northern area; walnuts and chestnuts in situations with deep soil in the north-east, the Dandenongs, and Gippsland; and hazelnuts on shallower soils in the north-east and the Dandenongs. In 1988-89, production of nuts was 1,579 tonnes.

Grapes

In Victoria, most wine grapes are grown under irrigation in the Northern Mallee Statistical Division, and in the Goulburn Valley and the Murray Valley areas. Wine grape varieties are also being grown in the traditional non-irrigated areas in the north-east (Rutherglen) and in the west (Great Western) of the State. With the increasing interest in wine grapes over recent years, many vineyards of varying sizes have been established in other suitable areas throughout the State.

In 1988-89, Victoria had 17,590 hectares of bearing vines which produced 104,275 tonnes for winemaking and 221,921 tonnes for drying and table grapes. There were 1,267 hectares of non-bearing vines.

Table grape production in recent years has risen considerably, increasing from 12,636 tonnes in 1983-84 to 30,316 tonnes in 1988-89.

OTHER INTENSIVE CROPS

Vegetables

Most of the fresh vegetable production in Victoria is located in the Melbourne, Central Highlands, Loddon-Campaspe and Goulburn statistical divisions.

Potatoes are mainly grown in the Central Highlands around Ballarat, at Thorpdale in the Gippsland Hills, and at Koo-wee-rup, with additional areas around Warrnambool, the Bellarine Peninsula, Colac, the Otway Ranges, and metropolitan market gardens. In 1988-89, the gross value of potato production was \$114m or 7 per cent of the total value of production of crops.

The tomato industry in Victoria is predominantly processing-orientated with most of the crop produced in the irrigated areas between Shepparton and Rochester in northern Victoria.

Tobacco

The tobacco industry in Victoria is centred at Myrtleford in the north-east with production areas in the adjacent valleys of the Buffalo, Ovens, Upper King, and Kiewa Rivers. The 189 tobacco growers in Victoria produced 4,089 tonnes of cured leaf in 1988-89.

Hops

In Victoria, production of hops is confined to the alluvial soils in the valleys of the Ovens and King Rivers where good quality irrigation water is available to supplement the natural summer rainfall. The hop is a summer growing perennial plant, propagated from root cuttings, that develops long vines supported on a post and wire trellis system about six metres above the ground surface. In 1988-89 there were 23 hop gardens in Victoria with a total area of 371 hectares producing 680 tonnes (dried weight) of hops for both domestic brewers and export markets.

Plant nurseries

In 1988-89, there were 403 nurseries in Victoria with a total production area of 2,970 hectares (including establishments growing cultivated turf).

TABLE 6.16 NUMBER OF SELECTED BEARING AND NON BEARING POME AND STONE FRUIT TREES BY STATISTICAL DIVISION, AT 31 MARCH 1989
('000)

<i>Statistical division</i>	<i>Apples</i>	<i>Pears</i>	<i>Peaches</i>	<i>Apricots</i>	<i>Nectarines</i>
Melbourne	531	59	100	2	33
Barwon	3	-	-	1	-
South Western	10	-	1	1	-
Central Highlands	114	20	5	7	8
Wimmera	2	1	2	1	-
Northern Mallee	3	1	44	66	88
Loddon-Campaspe	340	22	-	-	-
Goulburn	459	1,354	592	173	40
North Eastern	170	2	5	1	1
East Gippsland	3	-	-	-	-
Central Gippsland	48	4	5	-	3
East Central	144	7	9	-	12
Total Victoria	1,827	1,470	763	252	186

TABLE 6.17 NUMBER OF SELECTED BEARING AND NOT BEARING CITRUS TREES BY STATISTICAL DIVISION, AT 31 MARCH 1989
('000)

<i>Statistical division</i>	<i>Oranges</i>	<i>Lemons and limes</i>	<i>Mandarins</i>
Melbourne	-	9	-
Barwon	-	-	-
South Western	-	-	-
Central Highlands	-	-	-
Wimmera	-	-	-
Northern Mallee	948	44	84
Loddon-Campaspe	-	-	-
Goulburn	94	25	1
North Eastern	12	5	-
East Gippsland	-	-	-
Central Gippsland	-	-	-
East Central	-	3	-
Total Victoria	1,054	86	85

TABLE 6.18 ORCHARD FRUIT PRODUCTION, VICTORIA
(tonnes)

Type of fruit	Year ended 31 March -						
	1984	1985	1986	1986(a)	1987	1988	1989
Pears	97,150	114,087	120,933	120,638	123,859	138,814	119,012
Apples	64,379	92,379	85,404	84,902	99,801	83,451	99,554
Peaches	23,824	32,232	31,691	31,355	31,491	38,061	28,351
Apricots	5,857	5,936	7,682	7,297	6,365	8,567	8,384
Cherries	1,130	1,170	1,198	1,121	1,193	1,092	971
Plums and prunes	2,574	2,702	2,877	2,664	2,865	3,150	3,311
Olives	938	810	690	690	43	111	121
Nectarines	1,544	1,696	1,975	1,914	2,074	2,536	2,425
Quinces	111	48	41	36	33	23	26
Figs	1	4	3	2	2	5	6
Oranges -							
Valencias	31,192	37,695	40,008	39,303	47,132	40,680	35,461
Navels	16,051	19,470	20,481	20,145	20,572	22,094	21,620
Other	314	194	255	255	324	380	331
Lemons and limes	4,134	8,098	8,466	8,257	7,454	6,363	7,265
Grapefruit	5,071	5,237	6,837	6,772	6,033	6,801	6,079
Mandarins	2,933	3,278	2,652	2,571	3,080	2,783	3,259

(a) See footnote (b) to Table 6.7.

TABLE 6.19 SMALL FRUIT PRODUCTION, VICTORIA
(kilograms)

Type of fruit	Year ended 31 March -						
	1984	1985	1986	1986(a)	1987	1988	1989
Strawberries	1,443,800	1,481,776	1,475,457	1,430,480	1,619,267	1,747,881	1,621,007
Raspberries	154,622	255,031	215,712	207,053	312,030	320,055	330,469
Kiwi Fruit	80,600	103,304	239,193	237,643	567,504	860,870	1,656,630
Blueberries	(b)	12,988	30,471	16,489	21,374	30,893	31,545
Gooseberries	2,500	3,324	3,358	288	400	650	475
Loganberries	6,782	5,280	6,680	6,680	3,585	9,128	4,410
Other berries	(b)	50,989	56,571	52,361	135,651	100,111	95,497

(a) See footnote (b) to Table 6.7.

(b) not collected.

TABLE 6.20 NUT PRODUCTION, VICTORIA
(kilograms)

Type of fruit	Year ended 31 March -						
	1984	1985	1986	1986(a)	1987	1988	1989
Walnuts	71,550	71,626	78,858	74,224	68,296	47,858	43,364
Chestnuts	35,796	46,981	49,981	27,769	28,525	52,619	52,571
Almonds	621,747	597,157	871,721	864,136	1,161,347	1,655,376	1,478,694

(a) See footnote (b) to table 6.7

TABLE 6.21 VITICULTURE, AREA AND PRODUCTION, VICTORIA

Season	Area (hectares)		Production (tonnes) for -	
	Bearing	Non-bearing	Wine making	Drying and table (a)
1983-84	18,806	1,321	82,973	259,160
1984-85	19,132	1,352	96,807	255,631
1985-86	18,720	1,305	68,761	290,652
1985-86 (b)	18,412	1,240	68,086	288,376
1986-87	17,827	1,127	67,133	221,482
1987-88	17,591	1,172	78,407	250,789
1988-89	17,590	1,267	104,275	221,921

(a) Production for drying is estimated as fresh weight equivalent of dried weight.

(b) See footnote (b) to Table 6.7.

TABLE 6.22 VEGETABLES FOR HUMAN CONSUMPTION, VICTORIA

Type of vegetable	Area sown (hectares)			Production (tonnes)		
	1986-87	1987-88	1988-89	1986-87	1987-88	1988-89
Potatoes	13,195	14,458	13,020	364,319	298,175	368,307
Onions	467	421	377	12,006	10,020	10,656
Carrots	1,142	1,097	1,137	36,233	33,449	40,633
Parsnips	176	130	113	4,082	5,025	2,230
Beetroot	22	31	28	405	335	354
Tomatoes	2,935	2,884	2,880	115,007	125,111	107,077
French beans	649	712	705	3,201	3,880	3,993
Green peas -						
Market (a)	178	135	108	245	193	164
Factory (b)	1,131	1,547	1,806	3,758	5,584	6,929
Cabbages	821	723	787	28,639	28,055	27,750
Cauliflowers	1,095	1,009	1,094	30,198	28,626	25,033
Lettuce	1,226	1,259	1,375	30,305	32,460	30,512
Pumpkins	484	386	351	7,602	5,651	8,338

(a) Sold in pod.

(b) Shelled weight.

TABLE 6.23 TOBACCO PRODUCTION, VICTORIA

Season	Area	Production	Average yield per hectare
	hectares	tonnes (dry)	tonnes (dry)
1983-84	2,823	5,856	2.07
1984-85	2,146	4,755	2.22
1985-86	1,652	3,711	2.25
1985-86 (a)	1,649	3,708	2.25
1986-87	1,819	3,975	2.19
1987-88	2,041	5,102	2.50
1988-89	1,737	4,089	2.35

(a) See footnote (b) to Table 6.7.

TABLE 6.24 HOP PRODUCTION, VICTORIA

Season	Area	Production	Average yield per hectare
	hectares	tonnes (a)	tonnes
1983-84	456	687	1.51
1984-85	420	554	1.32
1985-86	471	643	1.37
1985-86 (b)	467	640	1.37
1986-87	336	579	1.72
1987-88	382	695	1.82
1988-89	371	680	1.84

(a) Dried weight.

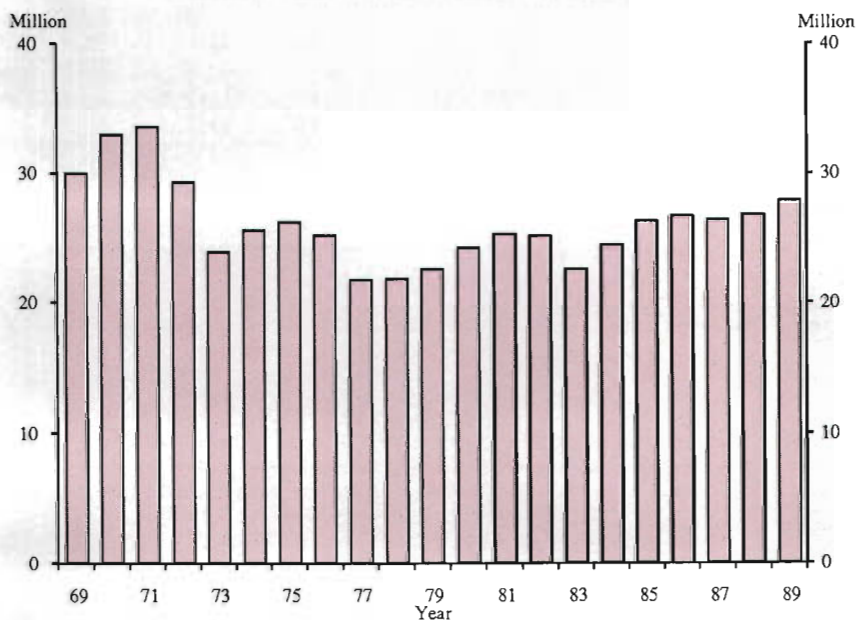
(b) See footnote (b) to Table 6.7.

LIVESTOCK AND LIVESTOCK PRODUCTS

Sheep and wool

At 31 March 1989, the Victorian sheep population was 28.1 million head, well below the 1971 peak of 33.8 million head. Almost 60 per cent of the State's sheep flock is located in the South Western, Central Highlands, and Wimmera statistical divisions. Wool production rose by 3 per cent, reaching 132,000 tonnes, with a record value of \$1,205 million. The number of sheep shorn increased by 2 per cent while the average yield (for sheep and lambs) remained steady at 4.3 kilograms per head.

SHEEP NUMBERS, VICTORIA, AT 31 MARCH



Lambing

The lambing performance of the Victorian flock has fluctuated according to seasonal conditions around a six year average of 86.4 lambs marked for each 100 ewes mated.

Victoria's largest lambing season occurred in 1970-71, when 12.7 million lambs were marked from 14.8 million ewes mated (86 per cent), but in 1983-84 reduced matings led to the smallest lambing season (8.4 million) since 1978-79. This increased sharply in 1984-85 when 10.4 million lambs were marked from 11.7 million ewes mated (89 per cent). Since then there has been a slight decline, with 9.0 million lambs marked from 10.4 million sheep mated (86 per cent) in 1988-89.

Mutton and lamb production

Mutton, the meat from adult sheep, is mainly produced from surplus sheep from the wool industry so that production patterns correspond closely to expansions and contractions in that industry. In 1988-89 mutton production was 63,000 tonnes, well down on the 1971-72 peak of 247,000 tonnes.

Prime lamb producers are found throughout the State. However, early to mid-season producers are distributed in a broad band across northern Victoria, including some irrigated areas. In addition, a considerable number of early lambs are brought from southern New South Wales for slaughter in Victoria. Mid to late-season producers are located mainly in the South Western, Central Highlands, Central Gippsland, and parts of the North Eastern Statistical Divisions of the State. In 1988-89, 114,000 tonnes of lamb were produced.

Meat cattle

The Victorian environment is very favourable for beef production with cattle able to graze on pasture throughout the year.

Most of the Victorian breeding herds are located in the South Western, Goulburn, North Eastern, East Gippsland, and Central Gippsland Statistical Divisions. A significant proportion of Victorian beef and veal production was exported during 1988-89, the main markets being the USA, Japan, Papua New Guinea, and Taiwan.

Milk cattle

Dairy farming in Victoria is largely confined to the higher rainfall areas of Gippsland, the Western District, and the northern irrigation areas. With minor fluctuations, milk cattle numbers have been gradually declining from the 1973 peak of 1,977,000. There were 1,438,000 milk cattle at 31 March 1989, 2,000 more than the previous year.

Pigs

The number of commercial establishments with pigs declined from 1,730 in 1983-84 to 1,037 in 1988-89. During the same period the average herd size increased from 234 to 407 pigs. This trend toward fewer but larger units is expected to continue, with the bulk of the industry becoming increasingly capital-intensive and established in grain growing areas. The number of pigs in Victoria at 31 March 1989 was 422,538.

Poultry

The trend in the Victorian egg industry has been towards larger specialised farms, with egg producers, hatcheries, and pullet growers using modern poultry housing, equipment, and labour saving machinery.

The main areas of commercial egg production in Victoria are centred on the outskirts of the Melbourne metropolitan area and in the Bendigo district, together with a large centre around Geelong, and substantial flocks in Ballarat, the Wimmera, Goulburn Valley, the north-east, and the La Trobe Valley.

Farms consisting of one person or one family usually manage 5,000 to 15,000 layers. There are, however, many larger farms employing labour with up to 40,000 layers, and a few with much bigger establishments.

In 1988-89, there were 72.3 million chickens, hens, stags, and ducks and drakes slaughtered for human consumption. The total dressed weight was 103,162 tonnes.

Most broiler farms range in capacity from 30,000 to 100,000 broilers, and with the present average of 5.5 batches of broiler chickens a year, these farms may produce from 165,000 to 550,000 broilers a year.

The main broiler production centres are located on the Mornington Peninsula, in areas south-east and east of Melbourne, and in the Geelong area - near the processing works and the main centres of consumption. Most of Victoria's production is consumed locally, with very little being exported.

Apiculture

Honey production in Victoria was 2,886 tonnes in 1988-89. The bulk of the honey produced is sold to large processors who clarify and pack the honey. About 50 per cent of the annual production is exported, chiefly to the United Kingdom.

TABLE 6.25 SELECTED LIVESTOCK NUMBERS, (a), VICTORIA
(⁰000)

Season	Cattle			Sheep	Pigs
	Dairy	Beef	Total		
1983-84	1,535	1,952	3,487	24,632	404
1984-85	1,559	2,017	3,576	26,471	410
1985-86	1,534	2,187	3,720	26,895	432
1985-86 (a)	1,513	1,870	3,383	25,716	427
1986-87	1,464	2,014	3,478	26,586	432
1987-88	1,436	2,038	3,474	26,997	437
1988-89	1,438	2,071	3,509	28,067	423

(a) See footnote (b) to Table 6.7.

TABLE 6.26 LIVESTOCK SLAUGHTERED, VICTORIA
(⁰000)

Types of livestock	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
Sheep	2,061	3,301	3,863	3,857	r3,530	3,053
Lambs	6,207	6,777	7,987	6,634	r7,111	6,264
Cattle and calves	1,992	1,971	2,045	2,081	2,054	1,875
Pigs	1,237	1,298	1,020	849	938	917

TABLE 6.27 SHEEP AND LAMBS BY STATISTICAL DIVISION, AT 31 MARCH 1989
(000)

<i>Statistical division</i>	<i>Rams</i>	<i>Ewes</i>	<i>Wethers</i>	<i>Lambs</i>	<i>Total</i>
Melbourne	3	88	82	47	220
Barwon	19	759	389	338	1,506
South Western	89	3,868	2,133	1,874	7,965
Central Highlands	34	1,713	1,410	831	3,988
Wimmera	40	1,864	1,531	868	4,303
Northern Mallee	15	845	323	361	1,544
Loddon-Campaspe	32	1,487	1,166	705	3,390
Goulburn	31	1,380	791	519	2,721
North Eastern	8	335	164	113	620
East Gippsland	8	425	289	218	939
Central Gippsland	10	435	170	189	805
East Central	1	46	3	16	66
Total Victoria	290	13,245	8,451	6,081	28,067

TABLE 6.28 LAMBING, VICTORIA

<i>Season</i>	<i>Ewes mated</i>	<i>Lambs marked</i>	<i>Percentage of lambs marked to ewes mated</i>
	'000	'000	per cent
1983-84	10,112	8,362	83
1984-85	11,744	10,446	89
1985-86	11,269	9,746	86
1985-86 (a)	10,801	9,344	86
1986-87	10,479	9,001	86
1987-88	10,662	9,399	88
1988-89	10,447	9,029	86

(a) See footnote (b) to Table 6.7.

TABLE 6.29 SHEEP SHORN AND WOOL CLIPPED, VICTORIA

<i>Season</i>	<i>Number Shorn</i>		<i>Wool clipped (including crutchings)</i>		<i>Average</i>	
	<i>Sheep</i>	<i>Lambs</i>	<i>Sheep</i>	<i>Lambs</i>	<i>Per sheep</i>	<i>Per lamb</i>
	'000	'000	tonnes	tonnes	kg	kg
1983-84	22,977	5,277	110,715	8,949	4.8	1.7
1984-85	25,784	8,306	129,728	12,744	5.0	1.5
1985-86	27,430	7,548	129,641	11,200	4.7	1.5
1985-86 (a) (b)	23,189	6,381	109,597	9,469	4.7	1.5
1986-87 (a) (b)	22,978	5,942	115,684	9,281	5.0	1.6
1987-88 (a) (b)	23,545	6,365	118,620	9,597	5.0	1.5
1988-89 (a) (b)	24,357	6,225	122,566	9,927	5.0	1.6

(a) Calculated directly from Census data collected at 31 March. Previous data were 'industry best estimates' compiled at 30 June - see publication 7211.0 for details.

(b) See footnote (b) to Table 6.7.

TABLE 6.30 SHEEP SHORN AND WOOL CLIPPED BY STATISTICAL DIVISION,
SEASON 1988-89

Statistical division	Number Shorn		Wool clipped (including crutchings)		Average	
	Sheep	Lambs	Sheep	Lambs	Per sheep	Per lamb
	'000	'000	tonnes	tonnes	kg	kg
Melbourne	180	44	891	74	4.9	1.7
Barwon	1,324	361	5,816	547	4.4	1.5
South Western	7,134	1,994	32,305	3,092	4.5	1.6
Central Highlands	3,554	738	15,863	1,162	4.5	1.6
Wimmera	3,673	877	20,113	1,454	5.5	1.7
Northern Mallee	1,132	330	6,029	588	5.3	1.8
Loddon-Campaspe	2,985	750	15,342	1,245	5.1	1.7
Goulburn	2,362	586	11,133	930	4.7	1.6
North Eastern	525	131	2,188	194	4.2	1.5
East Gippsland	808	185	3,815	280	4.7	1.5
Central Gippsland	633	210	2,896	333	4.6	1.6
East Central	47	20	201	29	4.3	1.4
Total Victoria	24,357	6,225	116,593	9,927	4.8	1.6

TABLE 6.31 TOTAL WOOL PRODUCTION, VICTORIA

Season	Clip	Stripped from or exported on skins (greasy)	Total quantity (greasy)
	tonnes	tonnes	tonnes
1983-84	119,664	22,409	142,074
1984-85	142,472	24,816	167,288
1985-86	140,841	30,067	170,908
1985-86 (a)	135,102	n.a.	n.a.
1986-87	124,965	33,728	158,693
1987-88	128,217	32,034	160,251
1988-89	132,493	25,175	157,668

(a) See footnote (b) to Table 6.7.

TABLE 6.32 DISTRIBUTION OF MEAT CATTLE BY STATISTICAL DIVISION
AT 31 MARCH 1989
(^{'000})

Statistical division	Bulls for service		Cows and heifers	Calves under 1 year	Other (a)	Total
	1 year and over	Under 1 year				
Melbourne	2	1	47	26	12	88
Barwon	2	1	49	25	16	92
South Western	12	4	238	98	71	423
Central Highlands	2	1	40	20	11	74
Wimmera	1	-	18	10	4	35
Northern Mallee	1	-	26	19	7	54
Loddon-Campaspe	3	1	61	51	21	137
Goulburn	7	3	148	81	43	282
North Eastern	5	1	145	76	58	285
East Gippsland	4	1	90	46	17	159
Central Gippsland	8	2	157	94	95	356
East Central	2	1	39	23	20	85
Total Victoria	50	16	1,059	570	376	2,071

(a) Steers and bullocks, 1 year and over.

MEAT CATTLE NUMBERS, VICTORIA, AT 31 MARCH

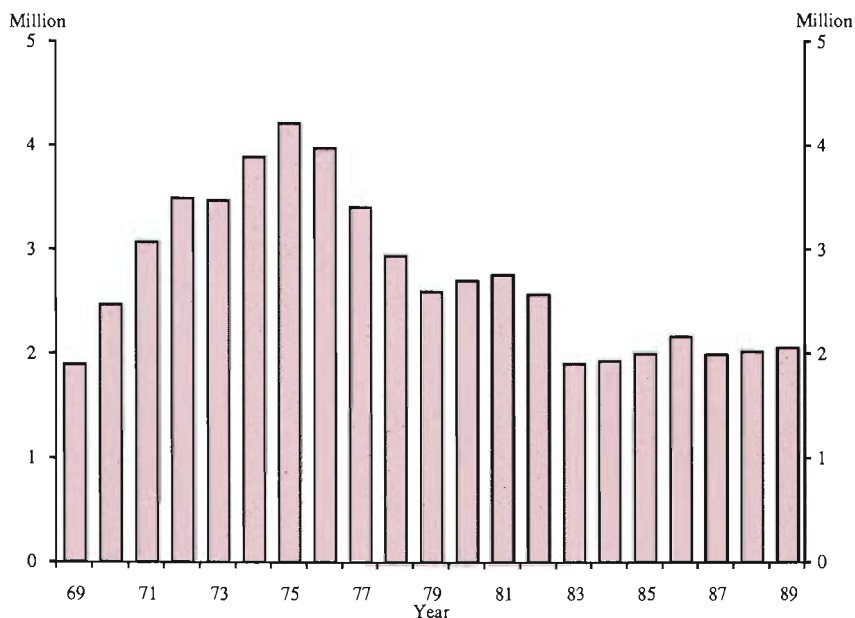


TABLE 6.33 DISTRIBUTION OF MILK CATTLE BY STATISTICAL DIVISION AT 31 MARCH 1989 ('000)

Statistical division	<i>Bulls for service</i>		<i>Cows and heifers for milk and cream</i>				Total
	<i>1 year and over</i>	<i>Under 1 year</i>	<i>Cows in milk and dry</i>	<i>Heifers</i>		<i>House cows and heifers</i>	
				<i>1 year and over</i>	<i>Under 1 year</i>		
Melbourne	-	-	6	2	2	-	10
Barwon	1	-	69	18	15	-	104
South Western	4	1	201	49	45	1	301
Central Highlands	1	-	6	2	1	-	10
Wimmera	-	-	1	1	-	1	3
Northern Mallee	-	-	22	6	6	-	34
Loddon-Campaspe	1	-	90	21	21	-	133
Goulburn	3	1	202	48	47	-	303
North Eastern	1	-	40	9	8	-	59
East Gippsland	1	-	50	11	11	-	74
Central Gippsland	4	1	236	57	52	-	349
East Central	1	-	39	10	8	-	58
Total Victoria	16	6	964	233	216	4	1,438

TABLE 6.34 MILK PRODUCTION, VICTORIA

<i>Year ended 30 June -</i>	<i>Million litres</i>	<i>Year ended 30 June -</i>	<i>Million litres</i>
1984	3,425	1987	3,692
1985	3,540	1988	3,649
1986	3,575	1989	3,792

TABLE 6.35 PIGS AND PIG KEEPERS BY STATISTICAL DIVISION AT 31 MARCH 1989

<i>Statistical division</i>	<i>Boars</i>	<i>Breeding sows</i>	<i>All other</i>	<i>Total pigs</i>	<i>Pig keepers</i>
Melbourne	192	2,602	18,773	21,567	26
Barwon	76	907	7,049	8,032	27
South Western	162	1,721	16,001	17,884	93
Central Highlands	131	2,095	17,277	19,503	32
Wimmera	371	4,945	34,618	39,934	187
Northern Mallee	306	3,461	27,157	30,924	159
Loddon-Campaspe	1,292	18,882	163,924	184,098	209
Goulburn	720	9,110	62,161	71,991	163
North Eastern	156	1,978	14,600	16,734	70
East Gippsland	36	295	1,731	2,062	20
Central Gippsland	80	1,384	7,201	8,665	42
East Central	15	158	971	1,144	9
Total Victoria	3,537	47,538	371,463	422,538	1,037

TABLE 6.36 POULTRY SLAUGHTERED FOR HUMAN CONSUMPTION, VICTORIA
(^{'000})

<i>Year ended 30 June-</i>	<i>Chickens (i.e. broilers, fryers, or roasters)</i>	<i>Hens and stags</i>	<i>Ducks and drakes</i>
1984	46,061	2,308	444
1985	55,995	2,264	452
1986	61,644	2,614	616
1987	62,466	2,441	637
1988	68,325	2,829	637
1989	68,943	2,719	633

TABLE 6.37 DRESSED WEIGHT OF POULTRY SLAUGHTERED, FRESH AND
FROZEN (a) (b), VICTORIA
(^{'000} kg)

<i>Year ended 30 June-</i>	<i>Chickens (i.e. broilers, fryers, or roasters)</i>	<i>Hens and stags</i>	<i>Ducks and drakes</i>
1984	61,503	4,249	750
1985	75,086	3,337	865
1986	84,434	4,029	1,132
1987	84,646	3,959	1,202
1988	96,279	4,655	1,326
1989	97,409	4,547	1,206

(a) Dressed weight of whole birds, pieces, and giblets intended for sale as reported by producers.

(b) Fresh: sold immediately after slaughter or chilled for sale soon after. Frozen: frozen hard for storage of indefinite duration.

TABLE 6.38 EGGS - TOTAL RECORDED PRODUCTION, VICTORIA

Year	Dozens	Year	Dozens
1983-84	49,960,839	1986-87	49,369,871
1984-85	49,416,391	1987-88	50,566,000
1985-86	50,114,360	1988-89	48,571,000

Source: Victorian Egg Marketing Board

TABLE 6.39 BEEHIVES, HONEY, AND BEESWAX, VICTORIA

Year ended 30 June-	Beekeepers	Production		
		Hives	Honey	Beeswax
	number	number	tonnes	tonnes
1984	381	85,596	3,603	65
1985	436	95,130	4,224	89
1986	456	101,002	4,210	81
1986 (a)	107	58,116	3,022	58
1987	111	58,948	3,107	52
1988	145	59,377	3,824	64
1989	130	50,561	2,886	66

(a) See footnote (b) to Table 6.7.

THE ENVIRONMENT

It is generally believed that the quality of life we enjoy is dependent on the preservation of the environment, which not only supports life but provides many of our needs. The preservation of the natural environment including soil, air and water, and the sustainable use of them are the lifeline of humanity.

General awareness of environmental issues has created a demand for statistical data on the environment to provide planners with sufficient information to ensure unhindered growth and development.

The ABS is also responding to the need for environmental data and recently created an Environment Statistics Unit. The publication in 1986 of *Environmental Issues and Usage of National Parks, Australia* (Cat. No 4115.0) is a further example of work in this area. The ABS's paper on natural resource and environment accounting in the March quarter 1990 National Accounts publication attracted favourable comment and created expectations of substantial ABS involvement in environmental statistics issues. A household supplementary survey on Environmental Issues and Conservation is planned for May 1992.

In 1989 statistics were collected on soil salinity in Victoria, whilst in 1990 data was collected on the area of trees for timber production, land degradation, control and windbreaks. Statistics on soil salinity were published in the *"Agricultural Land Use and Selected Inputs"* (Cat. No 7411.2) which was released in May 1990.

Soil Salinity

Salinity is widely regarded as Victoria's greatest environmental threat. It is already affecting the northern and western parts of the State, including both plains and highlands.

Salinity is caused by salty groundwater rising to within two metres of the surface. Extensive clearing of trees from highlands and plains, together with the introduction of large-scale irrigation are the main causes of increased groundwater level. Dissolved salts in the irrigation water can also gradually lead to a build-up of salt in the soil and shallow groundwater.

The direct cost of salinity damage to Victoria's economy is estimated to be in excess of \$50 million annually, with the indirect cost being considerably greater.

Data on the extent of the area of salt affected lands helps planners to make decisions regarding control and corrective measures and to evaluate their effectiveness. To this end, the Victorian Office of the ABS obtained data on salt affected land via the Agricultural Censuses of 1984 and 1989. In the 1984 census, no distinction was made between irrigated and non-irrigated lands, however the 1989 Census made this distinction.

Salinity Statistics

Statistics on salinity (Tables 6.40 and 6.41) indicate that more than 2,700 establishments in Victoria reported salt affected land in 1988-89, 7 per cent more than in 1983-84.

The area of salt affected land reported almost doubled since 1984, with 50,097 hectares of dry salt affected land and 32,818 hectares of irrigated salt affected land reported as at March 1989. However, this increase may in part reflect an increased general awareness of the problem throughout the farming community. Almost one third of the total affected land was in the Northern Mallee Statistical Division, while Loddon-Campaspe and Wimmera Statistical Divisions together constitute a further third of the total.

TABLE 6.40 AREA OF SALT AFFECTED LAND REPORTED, BY STATISTICAL DIVISION, AT 31 MARCH 1984 AND 1989 (a)
'000 hectares

Statistical division	Area of salt affected land reported			
	1983-84	1988-89		Total
	Total	Irrigated	Dry	
Melbourne	-	-	-	-
Barwon	2	-	3	3
South Western	5	-	8	8
Central Highlands	5	-	7	7
Wimmera	4	-	9	10
Northern Mallee	17	16	11	27
Loddon-Campaspe	12	11	6	18
Goulburn	3	2	4	6
North Eastern	-	-	-	1
East Gippsland	1	-	1	1
Central Gippsland	1	-	1	1
East Central	-	-	-	-
Total Victoria	50	33	50	83

(a) Due to limitations in question design to facilitate comparability with 1983-84 data, users are advised that the data in Tables 6.40 and 6.41 should be regarded with caution. The data may provide more of a guide to improve general awareness of salt affected land, than of the level of increase in the land affected.

**TABLE 6.41 NUMBER OF ESTABLISHMENTS REPORTING SALT AFFECTED LAND,
BY STATISTICAL DIVISION, AT 31 MARCH 1984 AND 1989 (a)**

Statistical division	Establishments reporting salt affected land			
	1983-84	1988-89		Total
	Total	Irrigated	Dry	
Melbourne	35	15	16	31
Barwon	146	4	130	134
South Western	321	9	408	417
Central Highlands	246	10	249	259
Wimmera	284	15	266	281
Northern Mallee	565	217	291	508
Loddon-Campaspe	542	332	249	581
Goulburn	278	167	164	331
North Eastern	12	6	24	30
East Gippsland	51	28	37	65
Central Gippsland	41	11	44	55
East Gippsland	23	1	18	19
Total Victoria	2,544	815	1,896	2,711

(a) See footnote to Table 6.40

REFERENCES

ABS publications

- Agricultural Industries, Australia, Structure of Operating Units (7102.0)*
Australian National Accounts, National Income and Expenditure (5206.0)
Environmental Issues and Usage of National Parks, Australia (4115.0)
Principal Agricultural Commodities, Australia, Preliminary (7111.0)
Principal Agricultural Commodities, Victoria, Preliminary (7111.2)
Selected Agricultural Commodities, Australia, Preliminary (7112.0)
Shearing and Wool Production Forecast, Australia, Preliminary (7210.0)
Sheep Numbers, Shearing and Wool Production Forecast, Australia, Preliminary (7211.0)
Livestock Products, Australia (7215.0)
Livestock and Livestock Products, Victoria (7221.2)
Crops and Pastures, Victoria (7321.2)
Fruit, Victoria (7322.2)
Agricultural Land Use and Selected Inputs, Victoria (7411.2)
Value of Agricultural Commodities Produced, Victoria (7501.2)
Value of Selected Agricultural Commodities Produced, Australia, Preliminary (7502.0)
Value of Agricultural Commodities Produced, Australia (7503.0)

Non-ABS source

- Victorian Egg Marketing Board*
Australian Wheat Board

7 *Manufacturing, Mining, and Energy*



MANUFACTURING

Overview

Manufacturing remains the most significant industry in terms of its contribution to the State's Gross Domestic Product (GDP) at factor cost. However, its share of GDP has been steadily declining, dropping from 23.1 per cent in 1982 to 21.2 per cent in 1988-89.

A similar pattern occurred at the national level with manufacturing's share of GDP at factor cost dropping from 18.6 per cent to 17.4 per cent.

Victoria compared with Australia

In 1988-89, Victorian manufacturing industry contributed 50 per cent or more of the Australian manufacturing industry's turnover in the Transport equipment (51 per cent), Clothing and footwear (53 per cent), and Textiles (52 per cent) ASIC subdivisions.

Victorian based establishments accounted for 52 per cent of employment within the Australian Textiles, and Clothing and footwear manufacturing industries during 1988-89.

Victorian manufacturing industry invested \$2,698m in private new fixed capital expenditure during 1988-89. This compared with \$2,595m, in 1987-88.

Number of establishments

Over the period 1982-83 to 1988-89, the number of Victorian manufacturing establishments with four or more persons employed increased from 8,392 to 9,771 (16.4 per cent).

However, the increase applied predominantly to establishments in the employment size range of 4 to 100 persons, where the number of establishments increased by 11.1 per cent. The largest increase in the number of manufacturing establishments occurred between 1986-87 (9,109 establishments operating) and 1987-88 (9,858 operating).

Employment

During May 1989, manufacturing employment comprised 19.6 per cent of the Victorian labour force, compared with 24.2 per cent in May 1982.

Between 1982-83 and 1988-89 employment in the Victorian manufacturing sector increased from 349,679 persons to 367,376 an increase of 0.5 per cent. The year to year movements have fluctuated considerably, ranging from a decrease of 10.1 per cent in 1982-83 to an increase of 2.9 per cent in 1987-88.

On an industry sub-division basis, the only decrease in employment between 1982-83 and 1988-89 occurred in the Chemical, petroleum, and coal products sub-division (down 1,139 or 5.6 per cent). Conversely the Paper, paper products, printing and publishing sub-division recorded an increase of 4,118 persons (12.4 per cent) employed during the period under review.

Melbourne Statistical Division (MSD)

The number of manufacturing establishments with four or more employees in the MSD increased from 6,734 in 1982-83 to 7,884 in 1988-89; however manufacturing employment fell from 300,741 persons to 296,562 persons during the same period.

In 1988-89, 80.7 per cent of persons employed by the Victorian manufacturing industry worked for establishments located within the Melbourne Statistical Division.

Turnover and value added

Turnover of Victorian manufacturing establishments at current prices increased by 86.2 per cent between 1982-83 and 1988-89. Value added increased by 46.4 per cent between 1982-83 and 1986-87 in current price terms. Data for value added by Victorian manufacturing establishments were not collected in respect of 1987-88 and 1988-89.

Within individual industry subdivisions, the greatest percentage increase in turnover at current prices was 121.2 per cent in the Non-metallic mineral products sub-division, followed by the Paper, paper products, printing and publishing sub-division with an increase of 101.0 per cent.

In constant price terms, the Non-metallic mineral products sub-division reported the greatest increase in turnover at 55.3 per cent. Other significant increases were 44.4 per cent for the Paper, paper products, printing and publishing sub-division, and 36.9 per cent for the Basic metal products sub-division. At the other end of the scale, the Wood, wood products and furniture sub-division showed a reduction of 6.1 per cent in turnover at constant prices between 1982-83 and 1988-89.

Wages and salaries

Despite the decline in employment within Victorian manufacturing establishments, wages and salaries paid increased by 7.0 per cent (from \$8,302m to \$8,885m) over the period 1987-88 to 1988-89. On the other hand, turnover at current prices increased by 13.4 per cent over the same period. Between 1982-83 and 1988-89 wages and salaries increased by 49.3 per cent, while turnover at current prices increased by 86.2 per cent.

Major manufacturing industries

In 1988-89, the Transport equipment industry made the greatest contribution to Victorian manufacturing industry in terms of employment and turnover. It provided 14.2 per cent and 14.5 per cent respectively.

The Wood, wood products, and furniture and Fabricated metal products industry subdivisions contained the greatest number of manufacturing establishments with 1,385 and 1,305, respectively.

Industry profile - Transport equipment Victoria (ASIC subdivision 32)

At 30 June 1989, there were 451 establishments classified to the Transport equipment ASIC subdivision. These establishments contributed 14.2 per cent of Victoria's manufacturing employment. Victorian based establishments accounted for 45.1 per cent of employment within the Australian Transport equipment industry.

Between 1983 and 1989, Victorian employment within the subdivision decreased by 3.8 per cent while the number of manufacturing establishments increased by 20.6 per cent.

Wages per person employed rose by 41.0 per cent during this period.

During the six year period under review, the motor vehicle and parts industry group showed an overall increase in the number of establishments and employment, by 13.4 and 4.1 per cent respectively. The other transport equipment industry group provided a 52.9 per cent increase in the number of establishments, but experienced a drop in employment of 25.1 per cent. Turnover for both industry groups increased, by 95.1 per cent for motor vehicles and parts, and by 42.8 per cent for other transport.

TABLE 7.1 MANUFACTURING ACTIVITY, VICTORIA, 1901 TO 1967-68

<i>Year</i>	<i>Manufacturing establishments</i>	<i>Employment (a)</i>	<i>Wages and salaries paid (b)</i>	<i>Turnover (c)</i>	<i>Materials and fuel used</i>	<i>Value added (d)</i>	<i>Fixed capital expenditure less disposals (e)</i>
	number	number	\$m	\$m	\$m	\$m	\$m
1901	3,249	66,529	n.a.	n.a.	n.a.	n.a.	25
1911	5,126	111,948	18	84	51	32	28
1920-21	6,532	140,743	43	212	135	77	71
1932-33	8,612	144,428	42	204	122	82	136
1946-47	10,949	265,757	156	631	368	263	244
1953-54	15,533	331,277	472	1,971	1,154	817	679
1960-61	17,173	388,050	776	3,332	1,914	1,418	1,642
1965-66	17,980	439,149	1,077	4,625	2,597	2,028	2,386
1967-68	18,030	449,945	1,244	5,351	2,957	2,395	2,685

(a) Average over whole year, including working proprietors.

(b) Excludes drawings of working proprietors.

(c) Output, excluding other revenue.

(d) Value added in process of production (ie. value of output less value of materials and fuel, etc., used).

(e) Comprises land, buildings, plant, and machinery.

TABLE 7.2 MANUFACTURING ACTIVITY, VICTORIA, 1968-69 TO 1988-89

<i>Manufacturing establishments (a)</i>	<i>Employment (b)</i>	<i>Wages and salaries paid (c)</i>	<i>Turnover</i>	<i>Purchases, transfers in and selected expenses</i>	<i>Value added (d)</i>	<i>Fixed capital expenditure less disposals</i>	
number	number	\$m	\$m	\$m	\$m	\$m	
1968-69	11,563	440,236	1,342	6,336	3,861	2,542	278
1969-70	11,393	450,352	1,497	6,998	4,307	2,799	300
1980-81	8,726	391,801	5,032	23,856	14,814	9,440	712
1981-82	8,916	388,872	5,757	27,208	17,031	10,578	1,046
1982-83	8,392	349,679	5,950	27,747	17,060	10,649	998
1983-84	8,404	354,409	6,059	30,081	18,405	11,779	779
1984-85	8,499	357,989	6,551	33,436	20,782	13,154	1,035
1986-87	9,107	354,771	7,390	39,829	24,591	15,596	n.a.
1987-88	9,858	367,603	8,302	45,577	n.a.	n.a.	n.a.
1988-89	9,771	367,376	8,885	51,680	n.a.	n.a.	n.a.

(a) All manufacturing establishments in operation at 30 June, owned by multi-establishment enterprises and single establishment enterprises with four or more persons employed. Note that the 1968-69 and 1969-70 figures include establishments with fewer than four employees.

(b) As at 30 June including working proprietors.

(c) Excludes drawings of working proprietors.

(d) Value added is calculated by adding to turnover the increase (or deducting the decrease) in value of stock and deducting the value of purchases and selected items of expense.

Note: There was no manufacturing census conducted in respect of 1985-86.

TABLE 7.3 MANUFACTURING ESTABLISHMENTS (a) BY INDUSTRY SUBDIVISION, VICTORIA, 1988-89

ASIC code	Industry subdivision	Establishments operating at 30 June		Wages and salaries paid (c)	Turnover
		number	Employment (b) '000	\$m	\$m
21	Food, beverages, and tobacco	1,136	52.4	1,193	9,767
23	Textiles	302	17.4	400	2,110
24	Clothing and footwear	1,059	38.2	712	2,742
25	Wood, wood products, and furniture	1,385	22.0	445	1,995
26	Paper, paper products, printing, and publishing	1,071	37.4	986	4,743
27	Chemical, petroleum, and coal products	309	19.0	586	4,387
28	Non-metallic mineral products	378	11.5	326	1,956
29	Basic metal products	214	13.0	389	3,922
31	Fabricated metal products	1,305	32.8	777	3,700
32	Transport equipment	451	52.3	1,310	7,514
33	Other machinery and equipment	1,271	45.3	1,142	5,542
34	Miscellaneous manufacturing	890	26.0	619	3,297
Total		9,771	367.3	8,885	51,675

(a) All manufacturing establishments owned by multi-establishment enterprises and single establishment manufacturing enterprises with four or more persons employed.

(b) At 30 June including working proprietors.

(c) Excludes drawings of working proprietors.

TABLE 7.4 MANUFACTURING ESTABLISHMENTS (a) BY INDUSTRY SUBDIVISION, PERCENTAGE OF AUSTRALIAN TOTALS, VICTORIA, 1988-89 (per cent)

ASIC code	Industry subdivision	Establishments operating at 30 June		Wages and salaries paid (c)	Turnover
			Employment (b)		
21	Food, beverages, and tobacco	30	30	30	32
23	Textiles	42	54	56	52
24	Clothing and footwear	46	52	54	53
25	Wood, wood products, and furniture	29	26	27	25
26	Paper, paper products, printing, and publishing	31	33	34	35
27	Chemical, petroleum, and coal products	33	36	37	32
28	Non-metallic mineral products	25	27	29	27
29	Basic metal products	36	18	17	20
31	Fabricated metal products	27	30	32	31
32	Transport equipment	28	45	46	51
33	Other machinery and equipment	31	33	34	36
34	Miscellaneous manufacturing	34	39	41	40
Total manufacturing		31	34	35	34

(a) All manufacturing establishments in operation at 30 June, owned by multi-establishment enterprises and single establishment enterprises with four or more persons employed.

(b) As at 30 June including working proprietors.

(c) Excludes drawings of working proprietors.

**MANUFACTURING ESTABLISHMENTS: SELECTED VARIABLES
BY INDUSTRY SUBDIVISION,
PERCENTAGE OF AUSTRALIAN TOTALS, 1988-89**

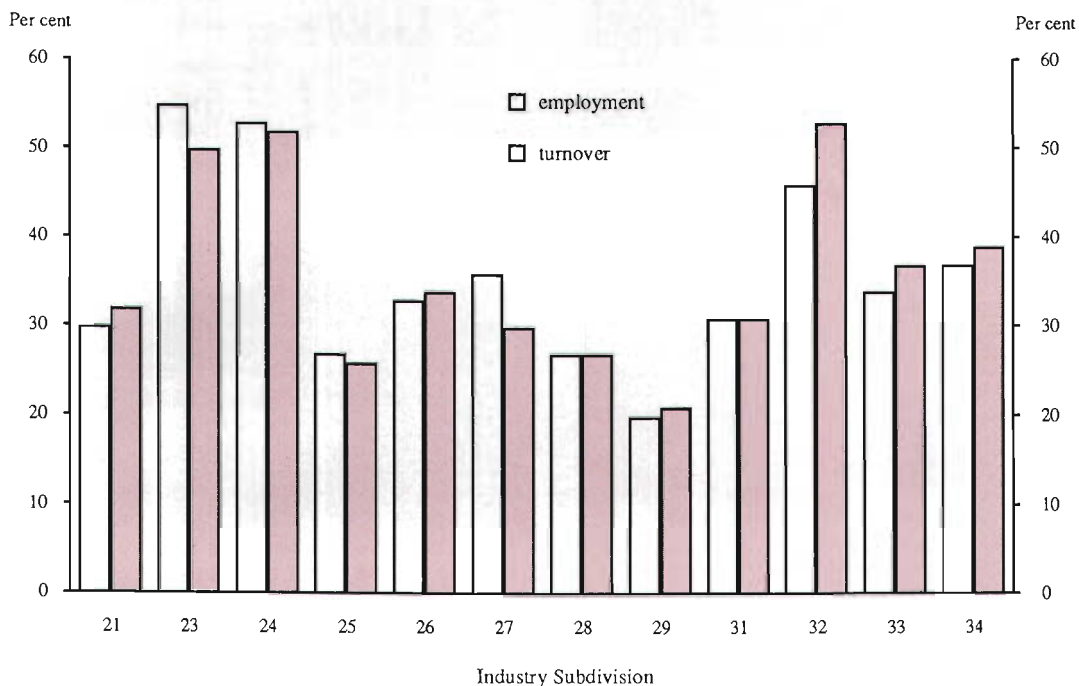


TABLE 7.5 MANUFACTURING ESTABLISHMENTS (a), 1988-89

State or Territory	Establishments operating at 30 June	Employment (b)	Wages and salaries paid (c)	Turnover
	number	number	\$m	\$m
New South Wales	10,469	361,636	9,008	51,680
Victoria	9,771	367,376	8,885	51,675
Queensland	4,841	133,743	2,849	20,091
South Australia	2,543	103,096	2,315	13,076
Western Australia	2,650	72,390	1,700	10,529
Tasmania	676	26,933	648	3,835
Northern Territory	158	3,280	86	542
Australian Capital Territory	142	4,014	102	436
Total	31,250	1,072,468	25,593	151,864

(a) All manufacturing establishments in operation at 30 June, owned by multi-establishment enterprises and single establishment enterprises with four or more persons employed.

(b) As at 30 June including working proprietors.

(c) Excludes drawings of working proprietors.

**TABLE 7.6 NUMBER OF MANUFACTURING ESTABLISHMENTS (a) BY INDUSTRY
SUBDIVISION VICTORIA**

<i>ASIC code</i>	<i>Industry sub-division</i>	<i>1982-83</i>	<i>1983-84</i>	<i>1984-85</i>	<i>1986-87</i>	<i>1987-88</i>	<i>1988-89</i>
21	Food, beverages, and tobacco	966	991	1,003	1,102	1,242	1,136
23	Textiles	307	295	304	300	313	302
24	Clothing and footwear	943	932	955	1,030	1,089	1,059
25	Wood, wood products, and furniture	1,074	1,086	1,124	1,261	1,363	1,385
26	Paper, paper products, printing, and publishing	881	889	899	947	1,023	1,071
27	Chemical, petroleum, and coal products	289	288	278	284	301	309
28	Non-metallic mineral products	392	390	388	421	439	378
29	Basic metal products	191	177	175	203	202	214
31	Fabricated metal products	1,086	1,079	1,074	1,139	1,283	1,305
32	Transport equipment	374	381	383	403	421	451
33	Other machinery and equipment	1,159	1,162	1,173	1,189	1,317	1,271
34	Miscellaneous manufacturing	730	734	743	828	865	890
Total		8,392	8,404	8,499	9,107	9,858	9,771

(a) See footnote to Table 7.2.

**TABLE 7.7 MANUFACTURING ESTABLISHMENTS (a) CLASSIFIED ACCORDING TO
NUMBER OF PERSONS EMPLOYED (INCLUDING WORKING PROPRIETORS),
VICTORIA**

<i>Manufacturing establishments employing persons numbering -</i>	<i>At 30 June 1988</i>		<i>At 30 June 1989</i>	
	<i>Number of establishments</i>	<i>Number of persons employed</i>	<i>Number of establishments</i>	<i>Number of persons employed</i>
Less than 10	4,656	} 56,361	} 6,818	} 56,791
10 to 19	2,202			
20 to 49	1,568	47,450	1,538	46,541
50 to 99	680	48,051	656	46,091
100 to 199	428	58,817	414	56,893
200 to 499	243	70,825	258	74,613
500 to 999	55	37,327	61	42,134
1,000 and over	26	39,423	26	44,313
Total	9,858	358,254	9,771	367,376

(a) All manufacturing establishments owned by multi-establishment enterprises and single establishment manufacturing enterprises with four or more persons employed. In addition, there were 3,148 single establishment enterprises employing 6,933 persons in the one to three persons employed group for 1988-89.

TABLE 7.8 PERSONS EMPLOYED (a) IN MANUFACTURING ESTABLISHMENTS, BY INDUSTRY SUBDIVISION, VICTORIA

ASIC code	Industry subdivision	1982-83	1983-84	1984-85	1986-87	1987-88	1988-89
21	Food, beverages, and tobacco	48,867	48,604	49,246	48,802	51,700	52,389
23	Textiles	17,150	17,794	18,009	19,129	19,420	17,417
24	Clothing and footwear	40,887	43,189	42,926	41,475	40,145	38,251
25	Wood, wood products, and furniture	17,743	18,520	19,466	21,215	21,952	22,037
26	Paper, paper products, printing, and publishing	33,335	34,106	34,201	35,221	36,078	37,453
27	Chemical, petroleum, and coal products	20,160	19,699	19,759	19,329	19,568	19,021
28	Non-metallic mineral products	10,802	10,472	10,280	10,625	11,001	11,491
29	Basic metal products	12,734	12,747	12,579	13,431	14,734	12,984
31	Fabricated metal products	30,612	30,163	29,789	30,445	32,930	32,787
32	Transport equipment	51,368	53,927	55,403	47,959	50,401	52,292
33	Other machinery and equipment	43,512	42,271	43,295	43,773	45,162	45,253
34	Miscellaneous manufacturing	22,509	22,917	23,036	23,367	24,512	26,001
Total		349,679	354,409	357,989	354,771	367,603	367,376

(a) Employment at 30 June including working proprietors.

TABLE 7.9 MANUFACTURING ESTABLISHMENTS (a), TYPE OF EMPLOYMENT, VICTORIA

At 30 June	Working proprietors	Administrative, office, sales, and distribution employees (b)	Production and all other employees (b)	Total
1982	3,475	98,178	287,219	388,872
1983	2,869	89,517	257,293	349,679
1984	2,906	88,879	262,624	354,409
1985	2,630	88,809	266,550	357,989
1987	1,954	98,059	254,758	354,771
1988	2,815		364,788	367,603
1989	2,484		364,892	367,376

(a) See footnote to Table 7.2.

(b) Separate data is not available for 1987-88 and 1988-89.

TABLE 7.10 MANUFACTURING ESTABLISHMENTS (a), TYPE OF EMPLOYMENT BY INDUSTRY SUBDIVISION, VICTORIA, AT 30 JUNE 1989

ASIC code	Industry subdivision	Working proprietors	Employees (b)	Total
21	Food, beverages, and tobacco	560	51,829	52,389
23	Textiles	40	17,377	17,417
24	Clothing and footwear	335	37,916	38,251
25	Wood, wood products, and furniture	445	21,592	22,037
26	Paper, paper products, printing, and publishing	209	37,244	37,453
27	Chemical, petroleum, and coal products	21	19,000	19,021
28	Non-metallic mineral products	71	11,420	11,491
29	Basic metal products	35	12,949	12,984
31	Fabricated metal products	300	32,487	32,787
32	Transport equipment	96	52,196	52,292
33	Other machinery and equipment	203	45,050	45,253
34	Miscellaneous manufacturing	169	25,832	26,001
Total		2,484	364,892	367,367

(a) See footnote to Table 7.2.

(b) See footnote to Table 7.9.

TABLE 7.11 MANUFACTURING ESTABLISHMENTS (a), TURNOVER (b) BY INDUSTRY SUBDIVISION, VICTORIA
(Sm)

ASIC code	Industry subdivision	1982-83	1983-84	1984-85	1986-87	1987-88	1988-89
21	Food, beverages, and tobacco	5,959	6,266	6,673	7,734	8,884	9,767
23	Textiles	1,087	1,219	1,370	1,750	1,963	2,110
24	Clothing and footwear	1,717	1,926	2,057	2,392	2,444	2,742
25	Wood, wood products, and furniture	1,014	1,115	1,292	1,587	1,798	1,995
26	Paper, paper products, printing, and publishing	2,262	2,499	2,833	3,612	4,097	4,743
27	Chemical, petroleum, and coal products	2,451	2,668	2,876	3,400	3,837	4,387
28	Non-metallic mineral products	884	1,001	1,188	1,393	1,597	1,956
29	Basic metal products	1,721	2,116	2,397	3,082	3,460	3,922
31	Fabricated metal products	1,953	2,037	2,186	2,548	3,113	3,700
32	Transport equipment	4,014	4,269	5,159	5,624	6,762	7,514
33	Other machinery and equipment	2,987	3,055	3,325	4,253	4,809	5,542
34	Miscellaneous manufacturing	1,701	1,911	2,080	2,457	2,814	3,297
Total		27,747	30,081	33,436	39,829	45,577	51,675

(a) See footnote to Table 7.2.

(b) Turnover includes sales of goods whether produced by an establishment or not, transfers out of goods to other establishments of the same enterprise, bounties and subsidies on production plus all other operating revenue from outside the enterprise.

TABLE 7.12 MANUFACTURING ESTABLISHMENTS (a), PURCHASES, TRANSFERS IN, AND SELECTED ITEMS OF EXPENSE (b) BY INDUSTRY SUBDIVISION, VICTORIA
(Sm)

ASIC code	Industry subdivision	1982-83	1983-84	1984-85	1986-87	1987-88	1988-89
21	Food, beverages, and tobacco	4,145	4,198	4,495	5,112	n.a.	n.a.
23	Textiles	658	741	863	1,040	n.a.	n.a.
24	Clothing and footwear	894	1,030	1,115	1,294	n.a.	n.a.
25	Wood, wood products, and furniture	571	628	744	942	n.a.	n.a.
26	Paper, paper products, printing, and publishing	1,213	1,325	1,530	1,841	n.a.	n.a.
27	Chemical, petroleum, and coal products	1,518	1,619	1,711	2,061	n.a.	n.a.
28	Non-metallic mineral products	470	515	629	797	n.a.	n.a.
29	Basic metal products	1,258	1,592	1,885	2,339	n.a.	n.a.
31	Fabricated metal products	1,076	1,137	1,234	1,444	n.a.	n.a.
32	Transport equipment	2,601	2,760	3,468	3,828	n.a.	n.a.
33	Other machinery and equipment	1,618	1,703	1,856	2,408	n.a.	n.a.
34	Miscellaneous manufacturing	1,037	1,156	1,252	1,487	n.a.	n.a.
Total		17,060	18,405	20,782	24,591	n.a.	n.a.

(a) See footnote to Table 7.2.

(b) Includes purchases of materials, fuel, power, containers, etc., and goods for resale, plus transfers in of goods from other establishments of the enterprise, plus charges for commission and sub-contract work, repair and maintenance expenses, outward freight and cartage, motor vehicle running expenses, sales commission payments, rent, leasing, and hiring expenses.

**TABLE 7.13 MANUFACTURING ESTABLISHMENTS (a), STOCKS (b) BY INDUSTRY
SUBDIVISION, VICTORIA
(Sm)**

ASIC code	Industry subdivision	1982-83	1983-84	1984-85	1986-87	1987-88	1988-89
OPENING STOCKS							
21	Food, beverages, and tobacco	646	741	744	657	n.a.	n.a.
23	Textiles	204	192	212	270	n.a.	n.a.
24	Clothing and footwear	289	280	316	374	n.a.	n.a.
25	Wood, wood products, and furniture	140	136	151	201	n.a.	n.a.
26	Paper, paper products, printing, and publishing	291	285	291	358	n.a.	n.a.
27	Chemical, petroleum, and coal products	404	420	452	610	n.a.	n.a.
28	Non-metallic mineral products	121	132	120	144	n.a.	n.a.
29	Basic metal products	293	258	273	307	n.a.	n.a.
31	Fabricated metal products	364	306	316	343	n.a.	n.a.
32	Transport equipment	674	709	660	885	n.a.	n.a.
33	Other machinery and equipment	781	720	682	979	n.a.	n.a.
34	Miscellaneous manufacturing	274	266	269	290	n.a.	n.a.
Total		4,480	4,444	4,486	5,418	n.a.	n.a.
CLOSING STOCKS							
21	Food, beverages, and tobacco	722	764	769	690	n.a.	n.a.
23	Textiles	195	211	242	310	n.a.	n.a.
24	Clothing and footwear	287	320	345	422	n.a.	n.a.
25	Wood, wood products, and furniture	140	155	174	231	n.a.	n.a.
26	Paper, paper products, printing, and publishing	291	286	343	380	n.a.	n.a.
27	Chemical, petroleum, and coal products	425	463	471	652	n.a.	n.a.
28	Non-metallic mineral products	132	119	125	148	n.a.	n.a.
29	Basic metal products	275	268	311	334	n.a.	n.a.
31	Fabricated metal products	320	324	336	378	n.a.	n.a.
32	Transport equipment	665	677	780	960	n.a.	n.a.
33	Other machinery and equipment	737	686	789	944	n.a.	n.a.
34	Miscellaneous manufacturing	253	273	301	328	n.a.	n.a.
Total		4,442	4,546	4,986	5,777	n.a.	n.a.

(a) See footnote to Table 7.2.

(b) Figures include finished goods, work-in-progress and stocks of materials, fuels, etc. Note that due to reporting differences on individual returns and variations in number of establishments from year to year the closing stocks in one year may differ from the opening stocks in the following year.

TABLE 7.14 MANUFACTURING ESTABLISHMENTS (a), VALUE ADDED (b) BY INDUSTRY SUBDIVISION, VICTORIA
(Sm)

ASIC code	Industry subdivision	1982-83	1983-84	1984-85	1986-87	1987-88	1988-89
21	Food, beverages, and tobacco	1,890	2,092	2,203	2,654	n.a.	n.a.
23	Textiles	420	497	538	749	n.a.	n.a.
24	Clothing and footwear	821	937	973	1,146	n.a.	n.a.
25	Wood, wood products, and furniture	443	505	572	675	n.a.	n.a.
26	Paper, paper products, printing, and publishing	1,049	1,174	1,354	1,792	n.a.	n.a.
27	Chemical, petroleum, and coal products	953	1,093	1,184	1,380	n.a.	n.a.
28	Non-metallic mineral products	425	473	563	600	n.a.	n.a.
29	Basic metal products	445	534	549	769	n.a.	n.a.
31	Fabricated metal products	833	918	973	1,139	n.a.	n.a.
32	Transport equipment	1,403	1,476	1,811	1,871	n.a.	n.a.
33	Other machinery and equipment	1,324	1,319	1,575	1,811	n.a.	n.a.
34	Miscellaneous manufacturing	643	761	859	1,008	n.a.	n.a.
Total		10,649	11,779	13,154	15,596	n.a.	n.a.

(a) See footnote to Table 7.2.

(b) Value added is calculated by adding to turnover the increase (or deducting the decrease) in value of stock and deducting the value of purchases and selected items of expenditure.

TABLE 7.15 MANUFACTURING ESTABLISHMENTS (a) BY STATISTICAL DIVISION, VICTORIA, AT 30 JUNE 1988

Statistical division	Establishments operating at 30 June	Employment at 30 June			Wages and salaries paid	Turnover
		Males	Females	Persons		
	number	number	number	number	\$m	\$m
Melbourne	7,884	203,782	92,780	296,562	7,246	40,887
Barwon	347	14,744	4,843	19,587	493	3,126
South Western	133	4,547	1,480	6,027	145	1,218
Central Highlands	219	5,960	2,220	8,180	192	899
Wimmera	67	886	531	1,417	25	135
Northern Mallee	108	1,182	386	1,568	30	249
Loddon-Campaspe	256	6,748	3,594	10,342	209	1,009
Goulburn	249	5,145	2,063	7,208	163	1,211
North Eastern	144	4,911	1,701	6,612	153	1,251
East Gippsland	105	1,592	540	2,132	39	263
Central Gippsland	191	4,397	1,539	5,936	151	1,112
East Central	68	1,268	537	1,805	38	315
Total	9,771	255,162	112,214	367,376	8,885	51,675

(a) See footnote to Table 7.2.

TABLE 7.16 NUMBER OF MANUFACTURING ESTABLISHMENTS (a) AND PERSONS EMPLOYED IN EACH STATISTICAL DIVISION, CLASSIFIED ACCORDING TO INDUSTRY SUB-DIVISION, VICTORIA, 1988-89

ASIC code	Industry sub-division	Statistical division											Total	
		South		Central		Northern		Loddon-	North		East	Central		East
		Melbourne	Barwon	Western	Highlands	Wimmera	Mallee	Campaspe	Goulburn	Eastern	Gippsland	Gippsland		Central
NUMBER OF MANUFACTURING ESTABLISHMENTS														
21	Food, beverages, and tobacco	695	46	36	45	22	32	61	72	40	24	46	17	1,136
23	Textiles	243	20	n.p.	7	n.p.	n.p.	7	6	n.p.	n.p.	5	n.p.	302
24	Clothing and footwear	963	30	5	9	n.p.	n.p.	15	13	n.p.	n.p.	10	n.p.	1,059
25	Wood, wood products, and furniture	1,060	63	22	34	11	13	25	42	24	38	33	20	1,385
26	Paper, paper products, printing, and publishing	904	23	12	12	7	14	31	25	13	9	15	6	1,071
27	Chemical, petroleum, and coal products	269	17	n.p.	n.p.	-	n.p.	5	n.p.	n.p.	-	n.p.	n.p.	309
28	Non-metallic mineral products	210	23	10	22	6	12	28	21	12	8	20	6	378
29	Basic metal products	165	14	n.p.	7	n.p.	n.p.	8	n.p.	n.p.	n.p.	n.p.	-	214
31	Fabricated metal products	1,106	46	10	25	4	5	30	21	31	9	30	n.p.	1,305
32	Transport equipment	374	14	7	12	-	7	11	13	n.p.	n.p.	6	n.p.	451
33	Other machinery and equipment	1,100	25	10	28	5	13	22	22	20	7	15	4	1,271
34	Miscellaneous manufacturing	794	26	8	15	5	5	13	8	7	n.p.	5	n.p.	890
Total		7,884	347	133	219	67	108	256	243	144	105	191	68	9,771
NUMBER OF PERSONS EMPLOYED														
21	Food, beverages, and tobacco	31,906	1,525	2,348	2,148	492	725	2,816	3,982	3,084	766	1,668	929	52,389
23	Textiles	12,100	1,866	n.p.	315	n.p.	n.p.	654	278	n.p.	n.p.	282	n.p.	17,417
24	Clothing and footwear	31,095	2,316	716	472	n.p.	n.p.	1,874	519	n.p.	n.p.	566	n.p.	38,521
25	Wood, wood products, and furniture	16,976	795	510	935	114	94	310	560	310	775	469	189	22,037
26	Paper, paper products, printing, and publishing	32,151	781	268	313	97	223	639	508	501	175	1,675	138	37,453
27	Chemical, petroleum, and coal products	16,873	1,637	n.p.	n.p.	-	n.p.	32	n.p.	n.p.	-	n.p.	n.p.	19,021
28	Non-metallic mineral products	8,448	1,310	61	537	45	52	363	170	184	62	213	13	11,491
29	Basic metal products	8,626	2,488	n.p.	450	n.p.	n.p.	226	n.p.	n.p.	n.p.	80	-	12,984
31	Fabricated metal products	28,707	463	214	395	40	49	906	354	310	76	575	198	32,787
32	Transport equipment	44,382	4,950	68	1,341	-	126	1,105	217	n.p.	n.p.	49	n.p.	52,292
33	Other machinery and equipment	40,835	752	366	1,106	96	183	823	464	421	40	126	650	45,253
34	Miscellaneous manufacturing	24,299	204	177	131	86	34	594	71	126	n.p.	127	n.p.	26,001
Total		296,562	19,587	6,027	8,180	1,417	1,568	10,342	7,208	6,612	2,132	5,936	1,805	367,376

(a) See footnote to Table 7.2.

TABLE 7.17 SELECTED ARTICLES MANUFACTURED, 1989-90

Article	Unit	Victoria	Australia	Victoria as a percentage of Australia
Meat (carcass weight) -				
Beef and veal	'000 tonnes	321p	1,679p	19.1
Mutton	'000 tonnes	69p	333p	20.7
Lamb	'000 tonnes	111p	295p	37.6
Pigmeat	'000 tonnes	66p	317p	20.8
Dairy products -				
Whole milk	ml. litres	3,787	6,262	60.5
Butter	tonnes	91,423	105,510	86.6
Cheese	tonnes	103,216	175,331	58.9
Ice cream	'000 litres	61,073	196,899	31.0
Flour, white	tonnes	266,842	1,231,471	21.7
Yarns -				
Cotton	tonnes	8,605	21,063	40.9
Wool	tonnes	14,896	22,951	64.9
Woven cloth -				
Cotton	'000 sq metres	16,992	40,059	42.4
Wool	'000 sq metres	2,679	8,459	31.7
Cars and station wagons	'000	223	384	58.1
Plastic and synthetic resins	'000 tonnes	673	977	68.9
Building materials -				
Clay bricks	million	439	2,060	21.3
Terracotta and concrete roofing tiles	'000 sq. metres	5,228	23,028	22.7
Ready mixed concrete	'000 cu. metres	4,256	16,690	25.5

Exports

Between 1986-87 and 1988-89, the value of Victorian manufactured goods exported increased by 22.5 per cent at market prices. Victoria's contribution to the Australian total also increased during this period, from 23.5 per cent to 28.1 per cent.

Basic metal products showed a significant increase in exports of 93.8 per cent during the period under review. Its share of total manufacturing exports also increased, from 16.7 per cent to 26.4 per cent.

Other sub-divisions to show a significant increase for Victoria during the period 1986-87 to 1988-89 were Miscellaneous manufacturing (88.4 per cent) and Clothing and footwear (66.5 per cent).

Food, beverages and tobacco retained its place as the largest export earner for Victoria, despite the fact that it increased by only 1.7 per cent over the two year period. Two of the twelve ASIC sub-divisions registered a decrease in exports between 1986-87 and 1988-89. Wood, wood products, and furniture fell by 28.7 per cent, whilst Transport equipment decreased by 17.2 per cent.

**EXPORTS OF TABLE 7.18 FOREIGN TRADE OF MANUFACTURED GOODS: EXPORTS
OF MANUFACTURED GOODS BY INDUSTRY SUB-DIVISION, VICTORIA**

ASIC Sub-division	1986-87		1987-88		1988-89	
	\$m	%	\$m	%	\$m	%
Food, beverages and tobacco	1,534.1	34.4	1,646.0	29.5	1,560.3	28.5
Textiles	433.1	9.7	581.7	10.4	512.6	9.4
Clothing and footwear	19.7	0.4	27.5	0.5	32.8	0.6
Wood, wood products, and furniture	20.2	0.5	18.1	0.3	14.4	0.3
Paper, paper products, printing and publishing	73.5	1.6	76.5	1.4	81.6	1.5
Chemical, petroleum and coal products	447.2	10.0	539.8	9.6	534.9	9.8
Non-metallic mineral products	33.7	0.8	37.6	0.7	34.3	0.6
Basic metal products	745.7	16.7	1,276.7	22.8	1,445.5	26.4
Fabricated metal products	82.7	1.9	104.6	1.9	123.8	2.3
Transport equipment	501.7	11.2	603.8	10.8	415.6	7.6
Other machinery and equipment	496.7	11.1	559.0	9.9	568.9	10.4
Miscellaneous manufacturing	75.2	1.7	125.6	2.2	141.7	2.6
Total Victoria (a)	4,463.5	100.0	5,596.9	100.0	5,466.4	100.0
Total Australia (a)	18,961.8	100.0	22,713.8	100.0	19,458.0	100.0

(a) In some cases, division aggregates slightly exceed sums of sub-divisions due to unclassified confidential items.

MINING

In 1988-89 the Victorian mining industry contributed 18.8 per cent of the Australian mining component of Gross Domestic Product (GDP) at factor cost. The mining industry represented 2.9 per cent of Victoria's GDP at factor cost in 1988-89.

The term 'mining' as used in GDP at factor cost estimates includes the extraction of minerals occurring naturally as solids, such as coals and ores, liquids such as crude petroleum, and gases such as natural gas.

Oil and gas production

In 1988-89, the Gippsland Basin produced 63 per cent of Australia's crude oil and 34 per cent of its natural gas.

Brown coal

The majority of Australia's measured resources of brown coal is located in Victoria's Latrobe Valley, with 52,000 Megatonnes which is considered economically viable. Brown coal is by far Victoria's most valuable solid mineral commodity, with production in 1987-88 valued at \$320.2m.

Gold

Victoria's production of gold bullion increased rapidly in recent years. Only 41 kilograms were produced during 1979-80, rising to 150 kilograms in 1983-84. Victorian gold production increased dramatically from this low base, largely as a result of the Wonga open cut mine at Stawell coming on stream. By 1987-88, Victorian production was 1,634 kilograms and was valued at \$32.9m.

TABLE 7.19 MINING ACTIVITY (a), VICTORIA

Year	Establishments at 30 June	Employment (b)	Wages and salaries (c)	Turnover	Stocks		Purchases, transfers in and selected expenses	Value added (d)
					Opening	Closing		
	number	number	\$m	\$m	\$m	\$m	\$m	\$m
1983-84	230	5,663	152.5	2,533.9	61.6	59.7	281.3	2,250.7
1984-85	221	5,737	160.3	3,104.9	65.9	62.6	281.9	2,819.7
1985-86	207	5,567	171.7	3,384.0	61.1	70.3	323.5	3,069.7
1986-87	208	5,783	182.1	2,525.6	65.9	72.3	293.0	2,239.0
1987-88	208	5,901	204.9	2,923.5	75.2	85.2	327.9	2,605.5
1988-89 (e)	12	1,507	73.3	1,616.1	46.1	49.5	140.1	1,479.3

(a) ASIC Subdivisions not available for separate publication.

(b)(c)(d) See footnotes to Table 7.2.

(e) The 1988-89 (truncated) census differs from previous mining censuses in that the construction materials and other non-metallic minerals industries have been excluded.

TABLE 7.20 ROYALTIES FROM OIL AND GAS PRODUCTION, VICTORIA
(Sm)

Year	Amount received	Amount paid to Commonwealth	Amount retained by Victoria
1983-84	257.9	84.2	173.7
1984-85	293.9	96.5	197.5
1985-86	302.2	99.4	202.8
1986-87	218.7	71.4	147.2
1987-88	213.9	69.8	144.1
1988-89	139.5	46.0	93.5

Source: Department of Manufacturing and Industry Development, Victoria: *Annual Report*.

TABLE 7.21 CRUDE OIL PRODUCTION (a), VICTORIA

Year	Barrels ('000)		Megalitres	
	During year	Average barrels per day	During year	Average megalitres per day
1984	159,395	436	25,342	69.4
1985	177,776	487	28,264	77.4
1986	145,350	398	23,109	63.3
1987	151,571	415	24,098	66.0
1988	133,194	364	21,176	57.9
1989	113,383	311	18,027	49.4

(a) After processing.

Source: Australian Institute of Petroleum: *Oil and Australia*

TABLE 7.22 ESTIMATED HYDROCARBON RESERVES, VICTORIA
(million cu. metres)

Item	1987	1988	1989
Crude oil	161	163	148
Natural gas	159	161	167
Condensate	22	21	23
LPG	46	46	47

Source: Department of Manufacturing and Industry Development, Victoria: *Annual Report*.

TABLE 7.23 MINERAL PRODUCTION, VICTORIA

Mineral	Unit	1984-85	1985-86	1986-87	1987-88	1988-89
Brown coal	kilotonnes	38,501	36,319	41,799	r44,288	48,663
Metallic minerals -						
Bauxite	tonnes	4,409	4,584	7,882	7,345	6,211
Gold bullion (a)	kilograms	902	1,272	1,179	r1,716	2,511
Non-metallic minerals -						
Diatomite (b)	tonnes	776	-	-	r8,000	2,137
Gypsum	kilotonnes	247	139	187	r203	241
Kaolin (b)	kilotonnes	89	36	41	r101	53

(a) Gold bullion is not yet refined and may contain small amounts of other metals such as silver.

(b) Refined and unrefined

Source: Department of Manufacturing and Industry Development, Victoria: *Annual Report*.

TABLE 7.24 MINERAL PRODUCTION AND VALUE, VICTORIA, 1988-89

Mineral	Unit	Production	Value ('000)
Bauxite	tonnes	6,211	102
Brown coal	kilotonnes	48,663	357,774
Gold	kilograms	2,511	33,435
Gypsum	kilotonnes	241	2,276
Kaolin	kilotonnes	117	13,402
Total			406,989

Source: Department of Industry, Victoria: *Annual Report*.

TABLE 7.25 STONE PRODUCTION, VICTORIA, 1988-89

Item	Establishments operating	Total Victorian production	
	Number	Production 000 tonnes	Value S'000
Clays -			
Brick clay and shale	10	1,751	5,927
Fireclay	2	5	47
White and other clays	12	144	1,282
<i>Total clays</i>	<i>24</i>	<i>1,991</i>	<i>7,256</i>
Crushed and broken stone -			
Basalt	51	13,794	144,131
Dacite, rhyolite, and rhyodacite	3	1,967	29,073
Granite	16	2,602	27,169
Hornfels	5	1,182	16,916
Limestone	10	1,007	4,756
Sandstone, quartzite	24	1,884	10,728
Shale and schist, other	4	327	999
<i>Total crushed and broken stone</i>	<i>113</i>	<i>22,763</i>	<i>233,772</i>

TABLE 7.25 STONE PRODUCTION, VICTORIA, 1988-89 - continued

Item	Establishments operating	Total Victorian production	
	Number	Production 000 tonnes	Value \$'000
Dimension stone -			
Basalt, granite, sandstone and other	8	17	608
Earth and soil	20	455	2,564
Gravel	58	3,753	13,941
Limestone -			
For agriculture	15	139	3,690
For cement	3	2,438	14,079
For other purposes	4	70	5,414
<i>Total limestone</i>	22	2,684	23,183
Salamander and filling	23	720	4,605
Sand	126	7,339	60,855
Scoria	20	1,024	8,445
Tuff	6	206	769
Grand total	420	40,952	355,998

Source: Department of Manufacturing and Industry Development, Victoria: *Annual Report*.

ENERGY

Overview

In 1988-89, Victoria contributed 30.8 per cent of the Electricity, gas, and water component of Australia's Gross Domestic Product (GDP) at factor cost. The Electricity, gas, and water industries represented 4.0 per cent of Victoria's GDP at factor cost in 1988-89.

The Electricity, gas, and water component of GDP includes the transmission and distribution of gas through reticulation systems. It does not include the extraction of crude petroleum or natural gas.

Electricity generated

The State Electricity Commission of Victoria (SEC) is Australia's largest electricity supply authority and individual coal producer. It is a semi-government authority with the principal responsibility of generating or purchasing electricity for supply throughout Victoria.

At 30 June 1989, it distributed electricity directly to 1,555,000 customers and indirectly to a further 286,500 through 11 metropolitan councils which buy power in bulk for retail distribution under franchises granted by Victorian Government before the SEC's establishment.

Victorian production of electricity in 1989-90 was 37,804 GWh, a rise of 4.6 per cent over the 1988-89 figure. Victoria's electricity system is based upon the State's extensive brown coal resource in the LaTrobe Valley in Central Gippsland, which is one of the largest single brown coal deposits in the world, amounting to 200,000 megatonnes, of which 52,000 are presently economically recoverable.

All the major brown coal fired generating plants in the system are located in the LaTrobe Valley. These plants generate three-quarters of the State's electricity requirement.

Other thermal stations include a gas turbine station in the LaTrobe Valley and a gas fired station in Melbourne. There are hydro-electric power stations in north-eastern Victoria, and the State is also entitled to about 30 per cent of the output of the Snowy Mountains hydro-electric scheme and half of the output of the Hume hydro-electric station near Albury.

Main transmission is by 500, 330, 220 and 66 kv lines which supply the principal sub-transmission centres and interconnection between generating sources.

Gas reticulation

The Gas and Fuel Corporation of Victoria is the largest gas undertaking in Australia, the sole reticulator of gas in Victoria, and a major marketer of liquefied petroleum gas (LPG).

Commercial reserves of natural gas were discovered in the off-shore Gippsland Basin in 1965 by Esso-BHP from which the Corporation purchases, under agreement, the State's natural gas requirements.

Supply is drawn from the Marlin, Barracouta, and Snapper fields in Bass Strait, and transported by pipeline to an onshore treatment plant at Longford, near Sale.

The Corporation reticulates gas, 99 per cent of which is natural gas, through a 20,000 kilometre network of underground transmission pipelines and mains to more than one million industrial, commercial, and domestic consumers.

Petroleum marketed

Motor spirit (super, standard and unleaded) marketed in Victoria during 1989-90 amounted to 4,817 megalitres. This represented a 0.9 per cent rise over the 1988-89 figure.

TABLE 7.26 POWER STATIONS: LOCATIONS, RATING, AND PRODUCTION, VICTORIA

Station	Maximum output achieved (MW)		Electricity generated (GWh)	
	1988-89	1989-90	1988-89	1989-90
Brown coal thermal stations -				
Hazelwood	1,320	1,300	8,397	6,995
Yallourn	103	-	27	-
Yallourn W	1,485	1,476	8,570	8,463
Morwell	140	112	835	531
Loy Yang A	2,066	2,093	13,616	14,920
Total	..	..	31,445	30,909
Other thermal stations -				
Newport D	507	506	1,606	3,122
Jecralang	492	473	559	928
Total	..	..	2,165	4,050
Hydro stations -				
Kiewa	192	250	413	332
Eildon-Rubicon (incl. Cairn-Curran)	136	149	203	354
Dartmouth	150	176	72	117
Total	..	..	688	803
Stations operated by other bodies	1,261	1,473	1,841	2,042
Total input to system	..	..	36,139	37,804

Source: State Electricity Commission of Victoria: *Annual Report*.

TABLE 7.27 REFINING CAPACITY, VICTORIA, AT 1 JULY 1990

<i>Refinery</i>	<i>Location in Victoria and year refinery came on stream</i>	<i>Primary processing capacity (a)</i>
Shell Refining (Australia) Pty Ltd	Corio near Geelong 1954	110,000 to 132,000 BSD (5,000,000 tonnes/year)
Shell Lubricating oil plant	Corio near Geelong 1954	3,000 BSD (145,000 tonnes/year)
Petroleum Refineries (Australia) Pty Ltd	Altona near Melbourne 1949	108,000 BSD (5,000,000 tonnes/year)

(a) BSD: barrels per stream day.

Source: Australian Institute of Petroleum Ltd: *Oil and Australia*.

TABLE 7.28 PRINCIPAL PETROLEUM PRODUCTS MARKETED, VICTORIA
(megalitres)

<i>Item</i>	<i>1987-88</i>	<i>1988-89</i>	<i>1989-90</i>
Aviation gasoline	18.80	19.40	21
Motor spirit -			
Super	3,994.29	3,779.38	3,517
Unleaded	668.22	973.85	1,301
Total	4,662.51	4,773.23	4,817
Aviation turbine fuel	556.66	549.04	541
Heating oil	39.06	35.35	32
Automotive distillate	1,533.84	1,704.86	1,762
Industrial diesel fuel	104.44	106.25	81
Fuel oil	358.92	366.68	373
Grand total (a)	7,274.23	7,568.20	7,606

(a) Other petroleum fuels including refinery oil are no longer included as principal petroleum products marketed.

Source: Australian Bureau of Agricultural and Resource Economics: *Quarterly Mineral Statistics*

REFERENCES

Data sources

The latest year for which ABS estimates are available for gross product at factor cost is 1988-89. However, State details are restricted because G.D.P. by industry excludes the general government gross operating surplus component.

Major sources of manufacturing data are the Censuses of Manufacturing Establishments which have been conducted in Victoria since 1901, and the monthly surveys of selected manufacturing production. No Manufacturing Census was conducted for the year 1985-86.

Manufacturing statistics collected since 1968-69 are classified by industry according to Division C of the Australian Standard Industrial Classification (ASIC). Division C broadly relates to the physical or chemical transformation of materials or components into new products, whether the work is performed by power driven machines or by hand.

ABS publications

- Census of Manufacturing Establishments: Summary of Operations by Industry Subdivision, Australia, Preliminary* (8201.0)
Manufacturing Establishments: Summary of Operations by Industry Class, Australia (8202.0)
Manufacturing Establishments: Selected Items of Data by Industry and Employment Size, Victoria (8202.2)
Manufacturing Establishments: Details of Operations by Industry Class, Australia (8203.0)
Manufacturing Establishments: Small Area Statistics, Victoria (8203.2)
Manufacturing, Victoria 1968-69 to 1987-88, Economic Statistics Report (8206.2)
Manufacturing Establishments: Details of Operations, Victoria (8291.2)
Production Bulletins (8357.0 - 8368.0)
Manufacturing, Victoria (8207.2)

Non-ABS publications

- Department of the Treasury, Victoria, estimates of State Accounts compiled by the Policy and Statistics Division.*

8 Commerce



INTRODUCTION

This Chapter covers retail trade; price indexes; external trade, both imports and exports; and household expenditure surveys. It also contains details of the 1986-87 Service Industry Survey, which covered ten personal service and travel related industries.

RETAIL TRADE

The six year period between 1979-80 and 1985-86 saw the turnover of Victorian retailers increase by 81 per cent at current prices. The Australian turnover figure also rose by 81 per cent during that period.

Employment by Victorian retailers rose by 19 per cent (17 per cent for Australia), although the number of establishments increased by only 6 per cent (13 per cent for Australia).

These figures suggest that the marginal increase in the number of establishments during these six years was due to structural change in the industry rather than a contraction in the level of activity.

The next Retail Census will be conducted in respect of the 1991-92 financial year.

TABLE 8.1 RETAIL ESTABLISHMENTS: SUMMARY OF OPERATIONS BY INDUSTRY GROUP, VICTORIA 1985-86

<i>Asic code</i>	<i>Industry group</i>	<i>Establishments at 30 June</i>	<i>Persons employed at 30 June ('000)</i>	<i>Wages and salaries (\$m)</i>	<i>Retail sales (\$m)</i>	<i>Turnover (\$m)</i>	<i>Value added (\$m)</i>	<i>Total floor space ('000m²)</i>
481	Department and general stores	131	25.3	302.0	1685.5	1,784.4	534.6	829
484	Clothing, fabrics and furniture stores	7,714	31.6	306.7	2,430.7	2,483.9	692.6	1,523
485	Household appliance and hardware stores	4,070	17.7	178.7	1,524.0	1,759.2	428.9	834
486	Motor vehicle dealers, petrol and tyre retailers	9,270	52.2	637.1	7,064.1	11,466.8	1,863.5	n.a.
488	Food stores	13,520	93.2	687.6	6,485.3	6,549.0	1,271.0	2,305
489	Other retailers	7,191	29.4	210.5	1,870.1	1,934.8	583.1	1,195
	Total	41,896	249.5	2,322.6	21,059.7	25,978.2	5,373.7	n.a.

In 1985-86, the central business district (CBD) of Melbourne accounted for 5.5 per cent of turnover in the Melbourne Statistical Division, a drop from 7 per cent in 1979-80.

In the five years between the retail censuses of 1979-80 and 1985-86, there was considerable development and promotion of shopping centres outside the CBD.

Doncaster Shopping Town recorded the highest turnover per square metre of floorspace of the major shopping areas - \$3,964. Parkmore Shopping Centre (Keysborough) registered the second highest turnover/floorspace ratio at \$3,882.

TABLE 8.2 RETAIL ESTABLISHMENTS: SELECTED ITEMS BY SELECTED SHOPPING AREAS, VICTORIA, 1985-86

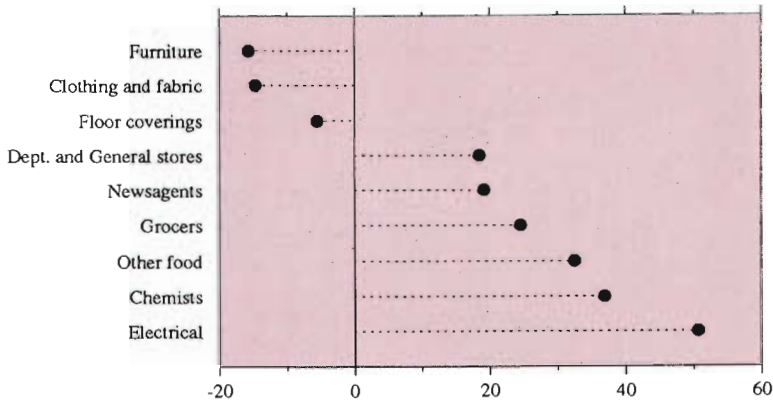
<i>Shopping area</i>	<i>Establishments at 30 June</i>	<i>Persons employed at 30 June</i>	<i>Wages and salaries</i>	<i>Turnover</i>	<i>Total floor space</i>	<i>Turnover/ total floor space</i>
	No	No	\$'000	\$'000	'000m ²	\$ per m ²
Box Hill	255	1,802	15,356	138,427	54.7	2,529
Brunswick	280	1,475	15,341	126,020	59.8	2,106
Camberwell	248	1,566	15,114	137,063	43.7	3,138
Chadstone	118	2,000	18,013	153,951	54.0	2,808
Cheltenham/Southland	140	1,603	15,272	133,206	46.5	2,863
Coburg	209	1,396	10,682	112,949	46.0	2,455
Dandenong	703	3,121	24,098	237,920	101.0	2,355
Doncaster Shopping Town	127	1,859	18,234	162,641	41.0	3,964
Frankston	338	2,624	23,042	226,366	83.9	2,698
Moonee Ponds	274	1,398	11,442	117,568	45.9	2,560
Parkmore (Keysborough)	108	1,216	10,674	112,598	29.6	3,882
Prahran	506	2,318	19,897	186,024	87.5	2,126
Preston	294	1,325	8,562	94,418	39.0	2,420
Sunshine	4,127	1,000	8,021	85,297	40.4	2,113
Toorak	113	545	4,709	43,541	12.2	3,576
Williamstown	83	442	3,141	27,962	18.7	1,495

Since the 1979-80 retail census, the largest annual increase in retail turnover was experienced in 1982-83, when a 13 per cent increase was achieved. Since 1982-83 however, the annual rate of growth of retail turnover in Victoria has declined almost every year. Turnover for Australia has not declined at the same rate.

Total turnover from retail establishments in Victoria for 1989-90 was \$21,145.5m, an increase of only 5 per cent on turnover for 1988-89. Turnover for Australia over the same period increased by 8 per cent.

Monthly retail trade data since the 1985-86 retail census shows significant differences in the performance between retail industries. During the four years between 1985-86 and 1989-90; Electrical Goods stores, for example, experienced an increase in turnover at current prices of 50.7 per cent, Chemists an increase of 36.9 per cent, and Other Foods stores 32.5 per cent. On the other hand, Furniture stores experienced a 15.7 per cent drop in turnover, Clothing and Fabric stores 14.7 per cent, and Floor Covering stores 5.5 per cent.

**PERCENTAGE CHANGE IN TURNOVER FOR SELECTED RETAIL INDUSTRIES,
1985-86 TO 1989-90, VICTORIA**



An overview of retailing in 1989-90

In its 1990 Annual Report, the Retail Traders' Association of Victoria identified a number of events that provided a composite picture of retailing over the previous 12 months.

The Federal Government's high interest rate policy and industrial disputation in the tramways and airlines industries had a major influence on retail activity. The major issues within the industry included increasing leasing costs, the introduction of the Australian Code of Practice for computerised checkout systems in supermarkets, increased land tax, and the lobbying for extended trading hours. The increasing prominence of environmental issues such as bio-degradable packaging was also significant.

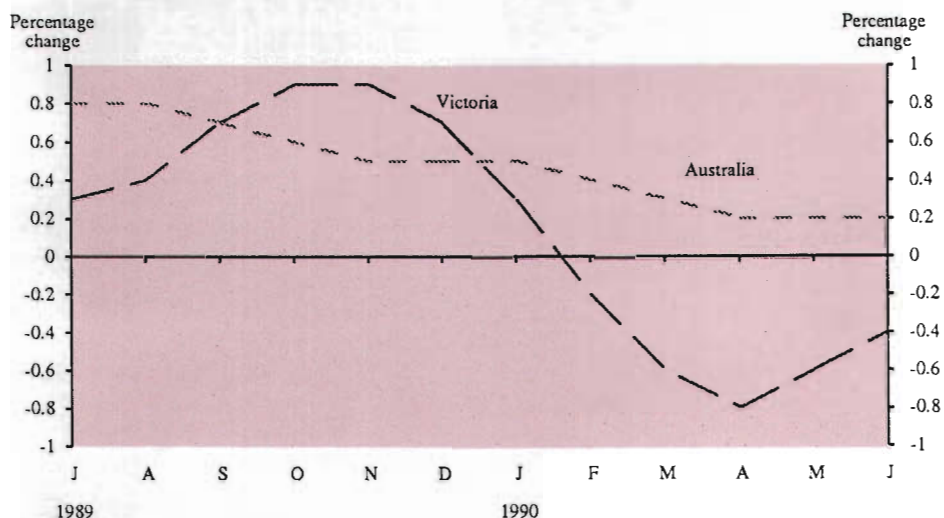
While Victorian retail turnover in 1989-90 increased by 5 per cent over the previous year, the increase was less than the 8 per cent increase in the Consumer Price Index (All Groups) for Melbourne. For the same period, turnover for Australia increased by 8 per cent.

According to trend estimates, the first 7 months of the 1989-90 financial year saw weak growth in the retail sector in Victoria, with monthly growth in turnover averaging 0.6 per cent. From February 1990, there were 5 consecutive months of negative growth, with a monthly average of 0.5 per cent. Of the 15 industry groupings included in the monthly retail survey, 5 experienced decreased turnover at current prices in 1989-90 compared with 1988-89. The largest decrease was experienced by Clothing and Fabric stores, with a decline of 16 per cent. Floor Coverings stores was second with a decrease of 9 per cent. Furniture (-5.7), Footwear (-4.3) and Domestic Hardware (-2.0) were the other groups to experience a fall in turnover. For Australia, however, only Clothing (-3.1) and Domestic Hardware (-2.9) stores experienced decreases in turnover when compared with the previous year.

Wholesale and Retail Trade contributed 15.2 per cent of Australia's and 16.4 per cent of Victoria's Gross Domestic Product (GDP) at factor cost in 1988-89. The Australian share of GDP at factor cost held by Retail and Wholesale trade declined from 14.8 per cent in 1978-79 to 13.2 per cent in 1983-84 before rising to 14.3 per cent in 1985-86. A slight increase of 1.0 per cent then occurred in 1986-87.

Three industries in Victoria showed large percentage increases in turnover compared with the previous year; Cafes and Restaurants (26.0), Electrical Goods (21.6) and Newsagents (21.9). The largest increases for Australia were for Cafes and Restaurants (20.3) and Pharmacies (15.0). Electrical goods stores also had significant increases in turnover (14.0).

**TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS, MONTHLY
PERCENTAGE CHANGE IN TREND ESTIMATES AT CURRENT PRICES,
VICTORIA AND AUSTRALIA, 1989-90**



**TABLE 8.3 TURNOVER OF RETAIL ESTABLISHMENTS (EXCLUDING MOTOR
VEHICLES, PARTS, PETROL, ETC.) AT CURRENT PRICES: BY INDUSTRY, VICTORIA (a)**
(\$m)

Industry group	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
Grocers, confectioners, tobacconists	4,512.4	4,905.6	5,282.1	5,495.7	6,046.6	6,571.7
Butchers	355.5	478.0	475.4	460.1	472.5	515.5
Other food stores	660.0	732.9	969.9	1,128.7	1,233.1	1,284.9
Hotels, liquor stores, licensed clubs	1,644.0	1,783.5	1,892.3	2,093.7	2,088.3	2,091.4
Cafes and restaurants	n.a.	n.a.	n.a.	n.a.	861.3	1,090.0
Clothing and fabrics stores	1,683.2	1,849.4	1,933.7	2,054.1	1,972.3	1,648.6
Department and general stores	1,621.0	1,759.4	1,921.9	2,081.1	2,169.7	2,276.0
Footwear stores	214.4	216.4	265.4	296.1	272.6	261.0
Domestic hardware stores, jewellers	541.4	619.1	750.6	865.8	880.8	862.9
Electrical goods stores	730.3	850.4	891.5	938.9	1,104.2	1,343.2
Furniture stores	380.4	506.9	508.6	492.6	454.7	428.6
Floor coverings stores	129.4	168.6	192.9	206.5	199.3	182.2
Chemists	431.7	491.4	566.5	642.4	700.8	775.3
Newsagents	611.8	624.1	633.4	634.2	623.7	754.2
Other	n.a.	n.a.	n.a.	n.a.	1,026.3	1,060.0
Total	14,649.1	16,345.2	17,852.9	19,071.2	20,106.2	21,145.5

(a) Prior to June 1988 these series reflect retail sales adjusted to turnover.

PRICE INDEXES

Prices Indexes in general

Price Indexes are designed to measure the changes in prices over time of a constant list of goods and/or services. The items on this list are allocated 'weights' which represent their relative consumer importance. From time to time indexes are reviewed and new fixed weights are introduced to reflect up-to-date expenditure patterns.

Prices of all goods and services are sought to be measured at constant quality, thus identifying 'pure' price movement. To do this, identical or equivalent items are priced in successive time periods as far as possible. However, products do change; their components or ingredients may change, resulting in an improvement or degradation in quality. Changes in quality are taken into account to ensure that the price indexes reflect only pure price change.

Because it would be impossible to conduct a continuous census to obtain prices for every item, a representative sample of items is priced. Prices for items not collected are assumed to move in a similar way to those items for which prices are collected. Suppliers of the prices included as part of the sample are assumed to have similar pricing policies as (and the prices of their goods and services would be expected to move in the same way as) suppliers of prices not in the sample (although actual price levels may be different). Price indexes measure price movements, not actual price levels.

Introduction to the Consumer Price Index

The Consumer Price Index is sometimes referred to as a measure of inflation, a measure of changes in purchasing power or a measure of changes in the cost of living. It is in fact, 'a measure of change, over time, in the retail prices of a constant basket of goods and services'. The basket represents the purchases made by metropolitan employee households in the base period. Employee households are defined as those which obtain at least three-quarters of their total income from wages and salaries, excluding the top 10 percent (in terms of income) of such households. Pensioners households are excluded.

As well as giving the information needed to select items to be included in the CPI, household expenditure survey figures also show the relative importance of each item to the total spending on all items. The weighting pattern for the Consumer Price Index as at December quarter 1986 (Eleventh Series) is as follows:

<i>Percentage contribution to the All Groups CPI.</i>			
<i>Group</i>	<i>Per cent</i>	<i>Group</i>	<i>Per cent</i>
Food	19.013	Transportation	17.025
Clothing	6.898	Tobacco and alcohol	8.173
Housing	14.062	Health and personal care	5.596
Household equipment and operation	18.429	Recreation and education	18.804
Total All Groups			100.000

In 1989-90, the Consumer Price Index for Melbourne stood at 203.6 (base year 1980-81 = 100.0). This figure represented an increase of 8.4 per cent over the previous year and a rise of 47.4 per cent over the past six years. By comparison, the weighted average of the eight Australian capital cities was 202.3, which was an annual rise in the CPI of 8.0 per cent and a six yearly increase of 47.4 per cent.

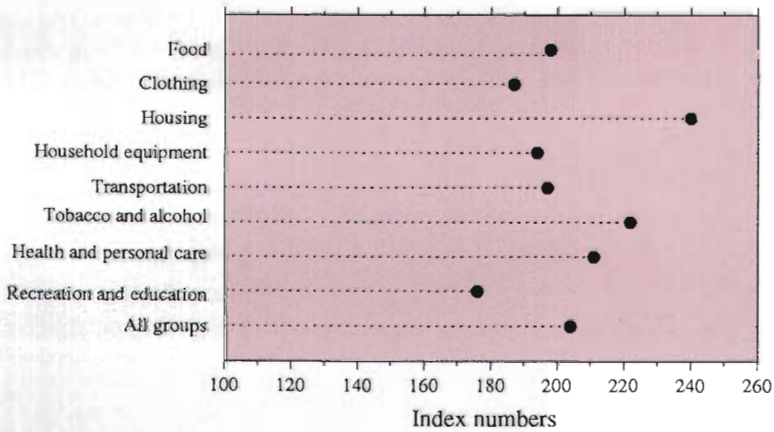
During 1989-90 the largest price rises were in housing (16.3 per cent), tobacco and alcohol (8.4 per cent) and Food (7.7 per cent). The lowest price increases applied to clothing (5.6 per cent), and health (6.3 per cent).

TABLE 8.4 CONSUMER PRICE INDEX, ALL GROUPS, EIGHT CAPITAL CITIES
(Base year: 1980-81 = 100.0)

Year	<i>Eight capitals (a)</i>	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Darwin	Canberra
1984-85	137.2	136.0	138.1	137.9	138.7	136.1	136.1	135.1	138.8
1985-86	148.7	147.5	149.8	149.0	150.2	147.1	147.9	146.2	150.8
1986-87	162.6	161.4	163.9	161.8	164.0	161.8	162.5	159.3	163.4
1987-88	174.5	173.7	175.9	173.1	175.0	173.3	174.4	170.6	174.7
1988-89	187.3	187.7	187.9	185.4	187.8	186.1	185.3	178.9	186.4
1989-90	202.3	203.0	203.6	199.3	201.2	201.7	198.3	190.0	200.2

(a) Weighted average of eight capital cities.

CONSUMER PRICE INDEX, MELBOURNE 1989-90



Base of index: year 1980-81 = 100.0

TABLE 8.5 CONSUMER PRICE INDEX, MELBOURNE
(Base year: 1980-81 = 100.0)

Group	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	Percentage increase	
							1984-85 to 1989-90	1988-89 to 1989-90
Food	135.4	146.3	158.9	167.7	184.1	198.2	46.4	7.7
Clothing	127.4	138.4	151.6	164.0	176.8	186.7	46.5	5.6
Housing	149.6	163.3	175.6	185.8	206.1	239.7	60.2	16.3
Household equipment	138.9	150.0	162.0	173.6	181.8	193.7	39.5	6.5
Transport	138.3	149.3	165.5	179.3	184.0	196.9	42.4	7.0
Tobacco and alcohol	151.1	163.1	178.7	192.9	204.6	221.8	46.8	8.4
Health	128.3	141.3	164.2	181.9	198.5	211.1	64.5	6.3
Recreation and Education	120.5	131.8	144.5	156.0	164.5	176.1	46.1	7.1
All groups	138.1	149.8	163.9	175.9	187.9	203.6	47.4	8.4

TABLE 8.6 CONSUMER PRICE INDEX, EIGHT CAPITAL CITIES (a)
(Base year: 1980-81 = 100.0)

Group	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	Percentage increase	
							1984-85 to 1989-90	1988-89 to 1989-90
Food	134.4	144.7	156.3	164.5	179.9	192.7	43.3	7.1
Clothing	128.4	139.0	152.3	164.2	175.9	185.0	44.1	5.2
Housing	141.4	153.4	164.8	176.2	198.4	228.2	61.4	15.0
Household equipment	138.9	150.2	161.2	172.4	182.2	192.2	38.4	5.5
Transport	143.4	155.5	172.9	186.4	193.7	209.2	45.9	8.0
Tobacco and alcohol	151.3	165.1	182.5	197.8	209.1	226.4	49.6	8.3
Health	121.8	133.0	154.4	171.9	186.3	199.7	64.0	7.2
Recreation and Education	118.9	129.5	141.5	152.6	162.1	172.1	44.7	6.2
All groups	137.2	148.7	162.6	174.5	187.3	202.3	47.4	8.0

(a) Weighted average of eight capital cities.

AVERAGE RETAIL PRICES

Average retail prices of selected items are collected in each capital city for inclusion in the Consumer Price Index. The prices are the averages of prices for specified grades, qualities, brands etc. charged by a number of selected retailers in each metropolitan area. The specified brands etc. and the retailers are selected as representative to measure price change over time. The prices should be regarded as no more than approximate indicators of price levels and price movements, and not the actual averages of all retail sales of these items. The following table shows average retail prices for the years 1985 to 1990.

TABLE 8.7 AVERAGE RETAIL PRICES OF SELECTED FOOD AND OTHER ITEMS, MELBOURNE
(cents)

Item	Unit	June quarter					
		1985	1986	1987	1988	1989	1990
Dairy products							
Milk, carton, supermarket sales	1 litre	71	75	76	80	82	85
Cheese, processed, sliced, wrapped	500g	212	227	242	246	286	315
Butter	500g	161	173	178	193	209	209
Cereal products-							
Bread, white loaf, sliced, supermarket sales	680g	95	106	112	111	127	137
Flour, self-raising	2kg	184	199	218	235	239	284
Rice, medium grain	1kg	76	82	88	96	92	103
Meat and Seafoods							
Beef-							
Rump steak	1kg	798	824	836	950	1,080	1,153
Chuck steak	1kg	454	434	470	515	598	619
Lamb-							
Leg	1kg	354	376	425	479	506	545
Loin chops	1kg	456	484	575	630	709	780
Chicken, frozen	1kg	271	300	298	303	326	312
Bacon, middle rashers	250g pkt.	238	234	232	240	273	289
Salmon, pink	210g can	179	173	217	262	343	279

TABLE 8.7 AVERAGE RETAIL PRICES OF SELECTED FOOD AND OTHER ITEMS, MELBOURNE - *continued*
(cents)

Item	Unit	June quarter					
		1985	1986	1987	1988	1989	1990
Fruit and vegetables							
Potatoes	1kg	42	65	65	77	110	99
Onions	1kg	62	58	80	99	101	109
Peaches, canned	825g	122	138	135	153	160	185
Oranges	1kg	108	96	103	119	172	122
Other food-							
Eggs	55g dozen	171	179	161	174	192	178
Sugar, white	2kg	131	187	150	160	174	217
Jam, strawberry	500g jar	131	147	180	182	193	212
Tea	250g	157	143	145	146	145	164
Coffee, instant	150g jar	381	590	501	495	474	454
Margarine, poly-unsaturated	500g	139	126	130	120	139	144
Other items-							
Beer, full strength, unchilled	12x750ml bottles	1,542	1,674	1,860	1,897	1,816	1,936
Pet food	415g	62	69	72	78	79	84
Laundry detergent	1kg	307	326	351	372	398	439
Toilet soap	2 x 125 gm	110	114	120	134	132	150
Petrol, super grade	1 litre	54.4	48.8	54.1	52.3	55.2	61.7

HOUSE PRICE INDEXES

These indexes provide estimates of changes in housing prices for the eight capital cities. They measure price movements over time in each city. They do not measure differences in price levels between cities.

Separate price indexes exist from 1985-86 for project homes and for established houses. Price information for project homes is obtained at the end of each quarter from a sample of project home builders in the metropolitan area. Sale prices of established homes are obtained from real estate organisations and government agencies and relate to actual sales transacted during the quarter.

TABLE 8.8 HOUSE PRICE INDEXES: EIGHT CAPITAL CITIES AND AUSTRALIA (a)
(Base of each index: September quarter 1986=100.0)

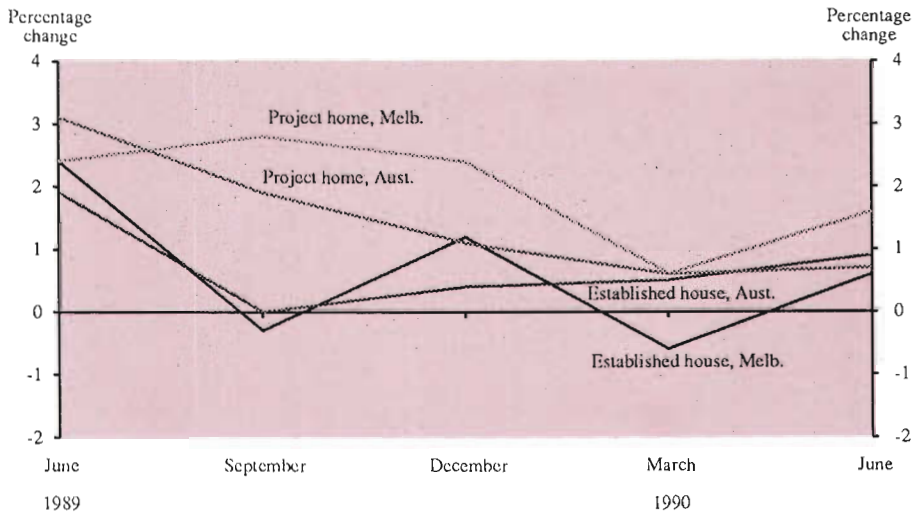
	Established houses			Project homes		
	1987-88	1988-89	1989-90	1987-88	1988-89	1989-90
Melbourne	109.9	142.0	155.4	107.4	121.0	132.9
Sydney	121.1	176.9	185.9	112.1	139.6	152.8
Brisbane	109.3	135.9	157.7	110.5	135.9	152.6
Adelaide	103.9	111.2	121.8	101.1	110.7	115.1
Perth	112.6	153.6	172.6	109.4	134.2	143.0
Hobart	105.2	116.1	124.6	106.3	114.9	122.9
Canberra	104.8	121.3	129.2	101.8	109.4	119.4
Darwin	98.3	100.4	101.6	106.3	116.2	137.8
Australia (a)	113.0	149.9	162.6	108.9	129.2	141.3

a) Weighted average of eight capital cities.

In 1989-90, the Established House Price Index for Melbourne was 155.4 (base year September quarter 1986 = 100.0). This figure represented an increase of 9.4 per cent over the previous year. By comparison, the equivalent increase for Australia was 8.5 per cent.

The Project Home Index for Melbourne in 1989-90 was 132.9, an increase of 9.8 per cent over the previous year. For Australia, the increase was 9.4 per cent.

**ESTABLISHED HOUSE AND PROJECT HOME PRICE INDEXES:
PERCENTAGE CHANGE FROM PREVIOUS QUARTER,
MELBOURNE AND AUSTRALIA**



PRODUCER AND FOREIGN TRADE INDEXES

Overview

During the nineteen sixties, the ABS began producing a range of price indexes covering materials used and articles produced by defined sectors of the Australian economy. The following producer price indexes (previously known as Wholesale Prices Indexes) are now published monthly: Price Index of Materials Used in House Building; Price Index of Materials Used in Building Other Than House Building; Price indexes of Materials Used in Manufacturing Industries; Price Indexes of Articles Produced by Manufacturing Industry; Price Indexes of Copper Materials and Price Indexes Used in Coal Mining. Only the Building Indexes are produced on a State basis.

The Price Indexes of Materials Used in Coal Mining was introduced in February 1989 and covered the period July 1987 to November 1988. This Index measures price movements of materials used in the mining of coal. Indexes are published for materials used in underground mining and in open-cut mining.

The ABS also compiles price indexes for merchandise imported into and exported from Australia. The Import Price Index is released quarterly while the Export Price Index is monthly. The first issue of the Import Price Index was released in May 1983 and covers the period September quarter 1981 to

December quarter 1982. The current Export Price Index was introduced in July 1979, although prior to this an annual index of export prices was published dating back to 1901. Both the Import Price Index and the Export Price Index are produced on a national basis only.

Materials used in house building

The two building materials indexes are published for each of the six state capital cities and Canberra. In 1989-90, the Price Index of Materials Used in House Building for Melbourne (base year 1985-86 = 100.0) was 133.5, an increase of 6 per cent over the previous year. During the same period the weighted average of the six state capital cities rose to 135.8, an increase of 8 per cent.

TABLE 8.9 INDEX OF MATERIALS USED IN HOUSE BUILDING, MELBOURNE
(Base year: 1985-86 = 100.0)

<i>Selected major materials</i>	1985-86	1986-87	1987-88	1988-89	1989-90
Ready mixed concrete	100.01	102.34	104.83	116.33	121.09
Clay bricks	100.01	107.20	115.38	122.70	130.88
Hardwood	100.00	100.33	102.96	119.38	120.41
Cupboard and building furniture	100.01	107.83	120.49	130.15	132.63
Aluminium windows and doors	99.99	104.41	117.06	134.52	142.50
Ceramic tiles	99.98	103.29	107.25	107.84	107.31
Paint	99.99	111.18	115.45	125.11	143.44
Toilets	99.98	119.68	142.75	147.60	165.05
Plaster and plaster products	99.98	106.28	116.48	126.48	133.27
All groups, Melbourne	100.00	105.70	114.30	125.80	133.50
All groups, weighted average of six state capital cities	100.00	105.80	113.80	126.10	135.80

Materials used in building other than house building

In 1989-90, the Materials Used in Building Other than House Building Index for Melbourne (base year 1979-80 = 100.0) was 227.8, an increase of 8 per cent over 1988-89. The weighted average of the six state capital cities and Canberra also increased by 8 per cent, to stand at 231.9.

The largest increases since 1988-89 in Melbourne were the cost of paint (13 per cent), aluminium windows (12 per cent), and galvanised steel decking (11 per cent). The smallest increases occurred in structural timber (3 per cent) and non-ferrous pipes (2 per cent).

TABLE 8.10 PRICE INDEXES OF MATERIALS USED IN BUILDING OTHER THAN HOUSE BUILDING, MELBOURNE
(Base year: 1979-80 = 100.0)

<i>Selected major materials</i>	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
Structural timber	167.9	181.2	184.2	190.2	219.8	225.9
Clay bricks	184.3	198.7	213.7	233.8	248.5	264.8
Ready mixed concrete	150.3	152.3	156.3	159.7	176.0	183.7
Precast concrete products	148.1	154.0	161.0	173.1	185.2	204.4
Galvanised steel decking, etc.	133.5	135.8	142.0	155.5	175.2	195.0
Structural steel	140.8	150.5	160.4	175.5	195.0	210.4
Reinforcing steel bar, mesh, etc.	152.9	164.3	174.2	179.2	195.0	209.5
Aluminium windows	140.8	149.3	156.5	170.4	184.2	206.1
Steel windows, doors, louvres, etc.	149.8	157.5	169.8	180.5	209.6	233.4
Builders' hardware	170.2	187.3	201.9	212.1	233.1	246.5
Paint	176.7	193.8	215.7	231.0	249.3	282.0

TABLE 8.10 PRICE INDEXES OF MATERIALS USED IN BUILDING OTHER THAN HOUSE BUILDING, MELBOURNE - *continued*

(Base year: 1979-80 = 100.0)

<i>Selected major materials</i>	<i>1984-85</i>	<i>1985-86</i>	<i>1986-87</i>	<i>1987-88</i>	<i>1988-89</i>	<i>1989-90</i>
Non-ferrous pipes	126.3	142.0	153.7	195.2	230.8	234.4
All groups excluding electrical materials and mechanical services	152.2	162.1	172.2	184.7	203.0	218.6
All electrical materials	151.6	165.4	188.4	222.0	254.4	274.5
All mechanical services	156.7	180.3	199.5	214.6	229.1	246.0
All plumbing materials	148.1	158.3	171.8	194.9	217.1	235.3
All groups, Melbourne	152.8	165.2	177.8	192.6	211.6	227.8
All groups, weighted average of six state capital cities	155.5	167.9	180.9	196.8	214.9	231.9

HOUSEHOLD EXPENDITURE SURVEYS

The 1988-89 Survey

The 1988-89 Household Expenditure Survey (HES) was the fourth in a series of such surveys. Previous surveys were conducted in 1974-75, 1975-76 and 1984.

Results based on data collected in the 1988-89 HES showed that the average weekly household expenditure for Victorian households was \$534.36. The four broad commodity and service groups which accounted for most (59.6 per cent) of the expenditure were: food and non-alcoholic beverages (accounting for 19.0 per cent of total weekly household expenditure), transport and communication (14.8 per cent), current housing costs (13.5 per cent), and recreation (12.3 per cent).

By way of comparison, the average weekly household expenditure for Australian households was \$502.71. There was only one item of expenditure where Victorian households spent less than the national average; expenditure on alcoholic beverages (4.6 per cent less).

PERCENTAGE OF AVERAGE WEEKLY HOUSEHOLD EXPENDITURE SPENT ON SELECTED COMMODITY/SERVICE ITEMS, VICTORIA, 1988-89

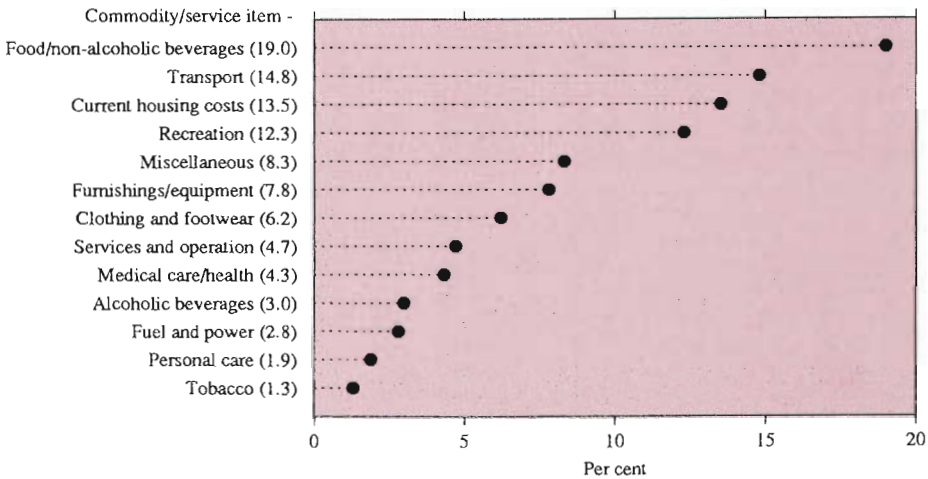


TABLE 8.11 HOUSEHOLD EXPENDITURE BY REGIONS

Particulars	1984			1988-89	
	Melbourne	Urban regions (a)	Rural regions (b)	Victoria	Victoria
Number of households in sample	1,325	471	151	1,947	1,332
Estimated total number of households in population ('000)	945.3	283.2	92.1	1,320.6	1,392.7
Average number of persons per household	2.83	2.77	3.01	2.83	2.82
Average age of household head (years)	47.43	48.48	47.17	47.64	47
Average weekly household income (\$)	492.49	433.27	383.97	472.22	681.43
<i>Average weekly household expenditure (\$)-</i>					
Commodity or service expenditure -					
Current housing costs (selected dwelling) (c)	50.46	35.42	28.49	45.70	72.17
Fuel and power	12.47	11.58	11.16	12.19	15.00
Food and non-alcoholic beverages -					
Bread, cakes, and cereals	8.65	7.79	7.91	8.41	11.77
Meat and fish	16.67	14.68	15.94	16.19	20.26
Dairy products, oils, and fats	9.23	8.72	10.29	9.19	10.12
Fruit and vegetables (includes nuts)	9.74	7.91	8.15	9.23	13.53
Miscellaneous food	9.56	9.07	8.94	9.41	13.73
Non-alcoholic beverages	4.67	4.30	3.29	4.49	6.95
Meals out and take-away food	17.20	14.76	10.95	16.24	25.28
Total food and non-alcoholic beverages	75.71	67.23	65.46	73.18	101.65
Alcoholic beverages	11.36	10.32	11.04	11.11	16.12
Tobacco	6.72	5.86	4.95	6.41	7.09
Clothing and footwear	25.65	21.77	16.94	24.21	33.22
Household furnishings and equipment	27.52	28.80	25.70	27.67	41.55
Household services and operations	16.25	15.01	14.45	15.86	25.35
Medical care and health expenses	15.89	14.19	14.09	15.40	22.84
Transport and communication	60.38	62.49	75.95	61.92	79.14
Recreation	48.25	39.72	40.55	45.89	65.83
Personal care	7.32	5.99	5.17	6.89	10.08
Miscellaneous commodities and services	25.24	21.28	18.01	23.89	44.30
Total commodity and service expenditure	383.23	339.66	331.98	370.31	534.36
<i>Selected other payments - (\$)</i>					
Income tax	91.09	74.99	58.21	85.35	138.64
Mortgage payments - principal (selected dwelling)	6.77	5.90	4.52	6.43	6.14
Other capital housing costs (f)	20.54	(g) 6.63	*	16.70	12.30
Superannuation and life insurance	12.04	12.72	10.30	12.07	18.16
Total selected other payments	130.44	100.23	81.28	120.54	175.24
Total	513.67	439.89	413.26	490.85	709.60

(a) All towns and urban centres with a population of more than 500 persons (excluding the capital city) as defined for purposes of the 1981 Census of Population and Housing.

(b) Localities with a population of less than 500 persons and rural areas (excluding remote areas).

(c) Included in current housing costs is the interest component of any housing loan repayments. Excluded are outright purchase, or deposit on, dwellings or land and other payments of a capital nature.

(d) As figures are preliminary, no breakdown of food and non-alcoholic beverages is available.

(e) 1988 figure excludes communication.

(f) The main components of this item are the principal component of any housing loan repayment for property other than the selected dwelling, purchase of and deposit on dwellings and land or other property, and home improvements.

(g) Subject to high standard error and therefore should be used with caution.

THE 1986-87 SERVICE INDUSTRY SURVEY

The 1986-87 Service Industry Survey covered ten personal service and travel related industries. In Victoria these industries recorded a total turnover of \$3,058m and employed 83,500 people.

For the industries included in the survey (excluding Motor Vehicle Hire), Victoria accounted for 21 per cent of the total Australian turnover, and 24 per cent of total employment.

SELECTED SERVICE INDUSTRIES : TURNOVER BY INDUSTRY, VICTORIA, 1986-87

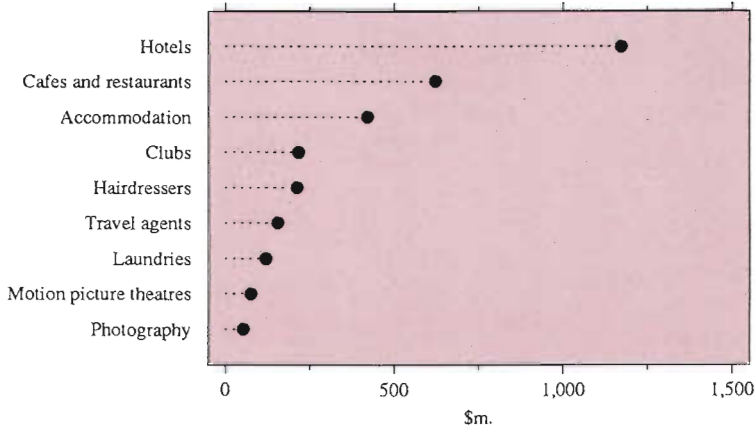


TABLE 8.12 SELECTED SERVICE INDUSTRIES: SUMMARY OF OPERATIONS: VICTORIA, 1986-87

Industry	Enterprises operating at 30th June 1987	Persons employed at 30th June 1987	Wages and salaries	Turnover	Value added
	No.	No.	\$m	\$m	\$m
Hotels etc, (mainly drinking places) (Asic 9232)	1,233	23,134	199.6	1,171.9	423.1
Licensed clubs (Asic 9241-3)	599	5,520	62.7	219.0	120.6
Cafes and restaurants (Asic 9231)	2,138	23,511	154.9	624.3	290.8
Accommodation (Asic 9233)	1,099	11,570	122.4	422.6	261.5
Travel agency services (Asic 5741)	469	3,493	62.7	156.0	129.6
Motor vehicle hire (Asic 5711)	70	825	15.7	n.a.	n.a.
Hairdressers and beauty salons (Asic 9351-2)	2,870	10,409	82.6	213.8	135.4
Laundries and dry cleaners (Asic 9340)	402	3,612	46.0	120.9	88.1
Photography services (Asic 9361)	422	1,168	11.0	52.5	25.7
Motion picture theatres (Asic 9133)	58	1,088	15.5	76.6	41.0

Motion Picture Theatres

Of the 202 enterprises (businesses) operating in the Motion Picture Theatre Industry in Australia in 1986-87, there were 58 located in Victoria. The industry in Victoria employed 1,093 people, 24 per cent of the total Australian employment in the industry.

Turnover in Victoria for the 1986-87 financial year was \$77m (Australia \$257m) whilst the turnover in 1979-80 (at average 1986-87 prices) was \$95m (Australia \$333m). The Victorian figure represented a drop in turnover of 19 per cent over the 7 year period between surveys. This decrease can be partially attributed to the increase in home video usage.

Photography Services

Using both turnover and number of enterprises as a measure, the Photography Services industry is a relatively small, service providing industry. There were some 423 enterprises (businesses) in Victoria (Australia 1,547) in 1986-87. These enterprises employed 1,168 people (Australia 4,290), of whom 54 per cent were males and 46 per cent were females. The industry is dominated by small businesses (those employing fewer than 20 persons), with an average employment per enterprise of 2.8 persons in Victoria.

Victoria accounted for 29 per cent of the total Australian industry turnover. The major components of turnover in Victoria were Weddings/Portrait photography (51 per cent), Commercial/Industrial photography (18 per cent) and Advertising/Fashion photography (22 per cent).

TABLE 8.13 PHOTOGRAPHY SERVICES INDUSTRIES: COMPONENTS OF TURNOVER, NUMBER OF ENTERPRISES AND TURNOVER, VICTORIA AND AUSTRALIA 1986-87

<i>Components of turnover</i>	<i>Enterprises</i>		<i>Turnover</i>	
	<i>Victoria</i>	<i>Australia</i>	<i>Victoria</i>	<i>Australia</i>
	No.	No.	\$m	\$m
Weddings/Portrait photography	274	1001	26.6	84.6
Commercial/Industrial photography	205	887	9.4	39.5
Advertising/Fashion photography	140	489	11.4	39.5
Other photography services	69	332	3.2	16.2
Other revenue	-	-	1.9	7.9
Total	426	1582	52.5	183.3

Hairdressers and Beauty Salons

Employment in the Hairdressers and Beauty Salons industry grew from 7,418 to 10,409 (40 per cent) between June 1980 and June 1987 in Victoria. Over the same period of time, total employment in Australia for this industry increased from 29,559 to 39,628, an increase of 34 per cent. Female employment in Victoria rose at a slightly greater rate; 43 per cent (2,401) as against the growth in male employment of 31 per cent (590).

The industry turnover of \$214m in Victoria (Australia \$790m) represented approximately \$51 per head of population, compared with the Australian average of \$49 per head. Net operating surplus (operating profit, before non-operating income and expenses and before income tax) represented 13 per cent of turnover in 1986-87. However, if working proprietors and partners of unincorporated enterprises were allocated a national average salary, the industry would have operated at a considerable loss for the year.

TABLE 8.14 HAIRDRESSERS AND BEAUTY SALONS INDUSTRY: COMPONENTS OF TURNOVER, NUMBER OF ENTERPRISES, TURNOVER AND PERCENTAGE OF TURNOVER, VICTORIA AND AUSTRALIA 1986-87

Components of turnover	Enterprises		Turnover		Percentage of turnover	
	Vic.	Aust.	Vic.	Aust.	Vic.	Aust.
	No.		Sm.		Per cent	
Takings from hairdressing	2,771	10,696	178.5	669.8	83.5	84.8
Takings from manicures and beauty treatments	*389	1,580	*12.4	35.0	5.8	4.4
Retail sales	2,089	8,159	21.5	72.7	10.1	9.2
Other revenue	*259	780	1.3	12.5	0.6	1.6
Total	2,898	11,281	213.8	790	100.0	100.0

Laundries and Dry Cleaners

There was a large contraction in the size of the Laundries and Dry Cleaners industry in Australia between 1979-80 and 1986-87. The number of enterprises (businesses) decreased from 2,538 in 1979-80 to 1,581 in 1986-87, whilst employment decreased from 14,558 to 12,452 over the same period.

In Victoria in 1986-87, there were only 403 enterprises. These businesses generated a turnover of \$120.9m (Australia \$400.1m) and a net operating surplus (operating profit) of \$15m (Australia \$52.6m). Of the 3,612 people employed in Victoria, 1,547 were males and 2,065 were females.

TABLE 8.15 LAUNDRIES AND DRY CLEANERS INDUSTRY: COMPONENTS OF TURNOVER, NUMBER OF ENTERPRISES AND TURNOVER, VICTORIA AND AUSTRALIA 1986-87

Components of turnover	Number of Enterprises		Turnover	
	Victoria	Australia	Victoria	Australia
	No.	No.	\$m	\$m
Takings from laundry and ironing	249	1,026	27.8	121.0
Takings from dry cleaning, dyeing, etc.	245	999	37.7	135.1
Takings from hire of linen, babies napkins, uniforms, etc.	26	101	52.8	132.1
Other revenue	n.a.	n.a.	2.6	11.9
Total	407	1,615	120.9	400.1

Motor Vehicle Hire

The Motor Vehicle Hire industry is a small service providing industry. In Victoria in 1986-87 there were 72 enterprises (businesses) employing 837 full-time and part-time staff. Takings from rentals amounted to \$61.5m, with Victoria's share of the total Australian rental takings being 21 per cent, from only 19.8 per cent, (1.2m) of vehicle rental days.

TABLE 8.16 MOTOR VEHICLE HIRE INDUSTRY: SUMMARY OF OPERATIONS, VICTORIA AND AUSTRALIA, 1986-87

	<i>Enterprises at end June 1987</i>	<i>Employment at end June 1987</i>	<i>Wages and salaries</i>	<i>Vehicle rental days (a)</i>	<i>Takings from rentals (a)</i>
	No.	No.	\$'000	'000	\$'000
Victoria	72	837	15,960	1,210	61,509
Australia	281	3173	54,837	6,104	288,755

(a) State or Territory in which rentals were commenced.

Travel Agency Services

The Survey of the Travel Agency Services industry revealed that the industry did not generate any net operating surplus (operating profit) in 1986-87.

The survey showed that in 1986-87 the industry was concentrated in New South Wales, which accounted for 47 per cent (\$202.1m) of the industry's turnover and 46 per cent (5,316) of its employment. Victoria accounted for 28 per cent (\$121.8m) of the industry's turnover and 27 per cent (3,094) of its employment.

For Australia, international travel (including package tours and air tickets) accounted for 67 per cent of turnover within the industry. Domestic travel accounted for 23 per cent.

THE HOSPITALITY SECTOR

There are four industries (Cafes and Restaurants, Licensed Clubs, Hotels and Bars, and Accommodation) which together comprise what can be called the 'Hospitality Sector'.

Victoria's growth in turnover between 1979-80 and 1986-87 (at average 1986-87 prices) for the Hospitality Sector (5 per cent) was less than the national average (8 per cent). There was a considerable decline in the Licensed Clubs Industry (by 13 per cent) and negligible growth in the Hotels and Bars Industry (0.8 per cent). Although the Accommodation Industry experienced a large increase of 29 per cent in turnover over the same period, this was significantly less than the Australian average of 45 per cent.

TABLE 8.17 HOSPITALITY SECTOR: CHANGE IN TURNOVER BETWEEN 1979-80 AND 1986-87, AT AVERAGE 1986-87 PRICES, VICTORIA & AUSTRALIA

<i>Industry components</i>	<i>Victoria</i>		<i>Australia</i>	
	\$m	per cent	\$m	per cent
Cafes and restaurants (Asic 9231)	47.7	8.3	430.0	20.0
Licensed clubs (Asic 9241-3)	-33.6	-13.3	-196.8	-6.9
Hotels and bars (Asic 9232)	9.7	0.8	-19.4	-0.4
Accommodation (Asic 9233)	94.4	28.8	712.6	45.4
Total Hospitality Sector	118.2	5.1	926.6	8.1

Cafes and Restaurants

The Cafes and Restaurants industry is a large service industry in Victoria, which operated from 2,398 establishments in 1986-87. The industry is dominated by small businesses (enterprises employing fewer than 20 persons), with an average employment per establishment of 10 persons. Total industry employment in Victoria was 23,449 persons, 53 per cent of whom were females.

Turnover increased by only 8 per cent in Victoria between 1979-80 and 1986-87 (at average 1986-87 prices). This compares with increases of 25 per cent in New South Wales and 20 per cent for Australia over the same period. In 1986-87 net operating surplus (operating profit) for Victoria was only 8 per cent of turnover, marginally less than the Australian average of 9 per cent.

Licensed Clubs

The total turnover for Licensed Clubs in Victoria in 1986-87 was \$219.0m. This was only 8 per cent of the total Australian turnover for this industry. In average 1986-87 price terms, Victorian turnover for Licensed Clubs actually declined by 13 per cent between 1979-80 and 1986-87. Employment, however increased by 7 per cent to 5,520 over the same period. Employment for Australia dropped from 52,967 at the end of June 1980, to 52,336 in 1987, a decrease of one per cent.

Takings from the sales of beer, wine and spirits represented the largest component (47 per cent) of turnover in Victoria. This was higher than the Australian average of 42 per cent. Membership subscriptions were the second largest source of turnover (21 per cent), followed by takings from meals (14 per cent).

TABLE 8.18 LICENSED CLUBS: COMPONENTS OF TURNOVER, VICTORIA AND AUSTRALIA, 1986-87

<i>Industry components</i>	<i>Victoria</i>		<i>Australia</i>	
	\$m	per cent	\$m	per cent
Sales of beer, wine & beer	101.8	46.5	1,097.6	41.6
Takings from poker machines	-	-	904.6	34.3
Takings from meals	*30.9	14.1	217.1	8.2
Membership subscriptions	46.6	21.3	162.7	6.2
Other retail sales	6.7	3.1	64.8	2.5
Other revenue	33.4	15.2	189.4	7.2
Total turnover	219.0	100.0	2,636.1	100.0

Hotels and Bars, and Accommodation

For the Hotels and Bars industry in Victoria, the period 1980-87 saw an increase of only 0.8 per cent in turnover (at average 1986-87 prices). By contrast, the Accommodation industry saw very strong growth with a 29 per cent increase in turnover. Over the same period, total Australian turnover decreased 0.4 per cent for the Hotels and Bars industry, but increased 45 per cent for the Accommodation industry. In Victoria net operating surplus generated by the Hotels and Bars industry in 1986-87 was over \$89m, and over \$57m for the Accommodation industry.

PROFESSIONAL AND BUSINESS SERVICES

The ABS conducted a survey of a wide range of professional and business services industries for the first time in 1987-88. The 12 industries covered were -

- . Legal Services
- . Architectural Services
- . Accounting Services
- . Surveying Services
- . Computing Services
- . Engineering and Technical Services nec.
- . Advertising Services
- . Debt collecting and Credit Reporting Services
- . Pest Control Services
- . Cleaning Services
- . Real Estate Agents
- . Security/Protection and Business Services nec.

The industries surveyed employed 83,731 people in Victoria on a full or part-time basis, which was about 4 per cent of all persons employed in Victoria at 30 June 1988.

**TABLE 8.19 SELECTED PROFESSIONAL AND BUSINESS SERVICES INDUSTRIES:
SUMMARY OF OPERATIONS VICTORIA, 1987-88**

	<i>Enterprises at end June 1988</i>	<i>Employment</i>	<i>Wages and salaries</i>	<i>Turnover</i>	<i>Net operating surplus</i>
	No	No	\$m	\$m	\$m
Real estate agents (ASIC 6310)	1,161	10,431	267	608	83
Architectural services (ASIC 6334)	1,260	4,808	94	278	44
Surveying services (ASIC 6335)	159	977	17	41	6
Engineering and technical services (ASIC 6336)	1,569	6,620	157	414	65
Computing services (ASIC 6381)	1,367	7,773	192	536	39*
Advertising services (ASIC 6382)	767	4,787	133	1,564	47
Debt collecting and credit reporting services (ASIC 6385)	52	948	20	47	4*
Pest control services (ASIC 6386)	49	370	7	22	3
Cleaning services (ASIC 6387)	1,046	12,975	99	180	21
Security/Protection and business services nec (ASIC 6388-9)	381	5,619	93	219	24

(a) Wages and salaries do not include payments to employees of service enterprises or proprietors of Legal and Accounting enterprises.

(b) This item does not include any profit (net operating surplus) derived by service enterprises.

Computing Services

The private sector Computing Services industry in Victoria comprised 1,367 enterprises at the end of June 1988. This represented 37 per cent of the total number of enterprises in this industry in Australia. The industry in Victoria employed 7,773 (Australia 24,067) people, of whom 41 per cent (Australia 42 per cent) were females.

In 1987-88, turnover generated by the Computer Services Industry in Victoria was \$536.4m, 33 per cent of the industry's turnover for Australia.

Advertising Services

At the end of June 1988 the Advertising Services Industry in Victoria employed 4,787 people (Australia 16,048) with approximately equal numbers of males (2,208) and females (2,346). In addition there were 233 working proprietors. Using the criterion of turnover, the industry was quite heavily concentrated in New South Wales (accounting for 45 per cent of the industry's turnover) and to a lesser extent in Victoria (accounting for 33 per cent of the industry's turnover).

Legal and Accounting Services

Enterprises which have been established to provide administrative, secretarial or similar services to the general business community were not included in this survey. However, it is very common for service enterprises to be established by the principals of an accounting or legal industry enterprise to provide services solely to that accounting or legal enterprise. To provide a measure of the importance of such service enterprises, accounting and legal industries enterprises were asked to provide details of the employment of these associated service enterprises and the payments made to them. The resultant statistics are included in the following table.

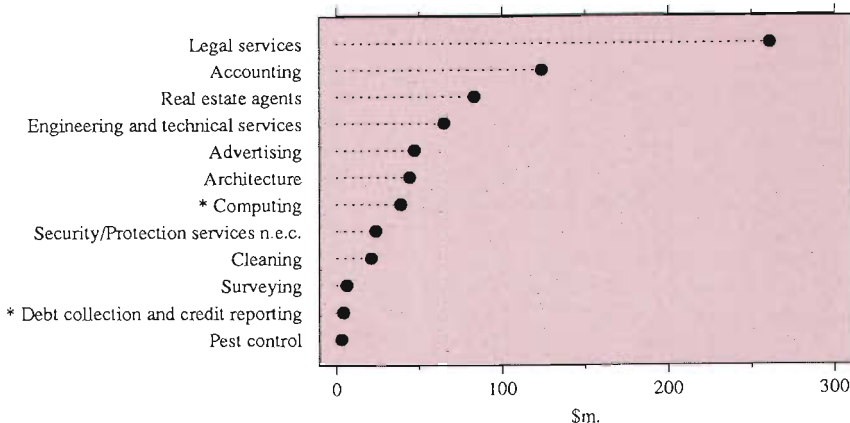
**TABLE 8.20 LEGAL AND ACCOUNTING SERVICES INDUSTRIES:
SUMMARY OF OPERATIONS: VICTORIA, 1987-88**

	<i>Enterprises at end June 1988</i>	<i>Wages and salaries (a)</i>	<i>Turnover</i>	<i>Net operating surplus (b)</i>	<i>Employment at 30 June 1988</i>	<i>Employees of service enterprises</i>
	<i>No.</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>No.</i>	<i>No.</i>
Legal Services (ASIC 6371)	1,984	147	893	261	9,775	5,567
Accounting Services (ASIC 6372)	1,631	146	631	124	8,600	4,481

(a) Wages and Salaries do not include payments to employees of service enterprises or proprietors of Legal and Accounting industry enterprises.

(b) This item does not include any profit (net operating surplus) derived by service enterprises.

NET OPERATING SURPLUS BY INDUSTRY, VICTORIA, 1987-88



* Standard error > 25%

EXTERNAL TRADE

Exports

Exports from Victoria increased by 32 per cent from \$6,452m in 1984-85 to \$8,514m in 1989-90, compared with an increase of 59 per cent in Australian exports over the same period.

In 1989-90, the significant importers of Victorian origin exports were Japan (\$1,415m), United States of America (\$846m), and New Zealand (\$720m). The major commodities exported from Victoria were textile fibres and their wastes (\$1,321m), non-ferrous metals (\$1,070m), dairy products and birds' eggs (\$613m), and cereals and cereal preparation (612m).

Imports

In the period 1984-85 to 1989-90, imports into Victoria increased by 60 per cent, compared with an increase of 71 per cent in imports into Australia. Available statistics do not enable assessment of the end destination of commodities imported.

In 1989-90 the significant exporters of commodities into Victoria were the United States of America (\$3,567m), Japan (\$3,307m) and the Federal Republic of Germany (\$1,498m). The major commodities exported into Victoria were road vehicles, including air cushion vehicles (\$1,842m), general industrial machinery, equipment and machine parts (\$1,220m) and textile yarns, fabrics, made-up articles and related products (\$963m).

TABLE 8.21 OVERSEAS TRADE: RECORDED VALUES OF IMPORTS INTO, AND EXPORTS FROM, VICTORIA
(\$m)

Year	Imports	Exports	Excess of imports
1984-85	10,501	6,452	4,049
1985-86	12,409	6,806	5,603
1986-87	13,743	7,398	6,345
1987-88	14,015	9,051	4,964
1988-89	15,968	8,519	7,449
1989-90	16,782	8,514	8,268

TABLE 8.22 CLASSIFICATION OF OVERSEAS IMPORTS AND EXPORTS, VICTORIA
(\$m)

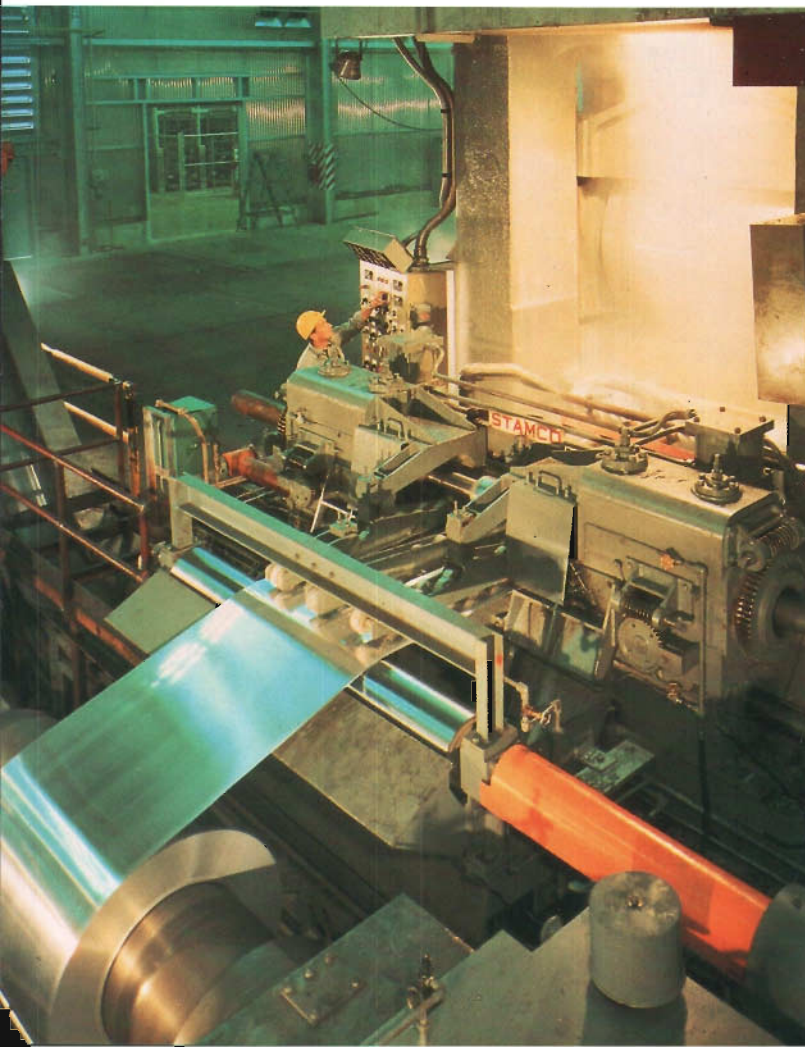
Division number	Description	Imports			Exports		
		1987-88	1988-89	1989-90	1987-88	1988-89	1989-90
00	Live animals chiefly for food	44	36	29	76	72	38
01	Meat and meat preparations	8	8	7	436	368	420
02	Dairy products and birds' eggs	35	40	46	440	481	613
03	Fish, crustaceans, and molluscs	93	110	115	70	66	86
04	Cereals and cereal preparations	30	29	36	409	392	612
05	Vegetables and fruit	89	132	148	313	257	238
06	Sugar, sugar preparations, and honey	16	21	21	8	8	10
07	Coffee, tea, cocoa, spices, and manufactures thereof	133	132	125	47	44	49
08	Feeding stuff for animals (not including unmilled cereals)	16	19	22	68	82	68

TABLE 8.22 CLASSIFICATION OF OVERSEAS IMPORTS AND EXPORTS,
VICTORIA - *continued*
(\$m)

Division number	Description	Imports			Exports		
		1987-88	1988-89	1989-90	1987-88	1988-89	1989-90
09	Miscellaneous edible products and preparations	25	27	38	17	34	23
11	Beverages	60	72	83	38	39	34
12	Tobacco and tobacco manufactures	34	27	28	4	2	3
21	Hides, skins, and fur skins (raw)	5	5	10	282	209	230
22	Oil seeds and oleaginous fruit	8	16	7	4	8	7
23	Crude rubber (including synthetic and reclaimed)	60	67	51	7	8	6
24	Cork and wood	130	163	158	2	2	1
25	Pulp and waste paper	83	75	87	13	11	10
26	Textile fibres and their wastes	100	108	86	1,864	1,917	1,321
27	Crude fertilisers and crude minerals (excluding coal, petroleum, and precious stones)	54	72	6	5	7	5
28	Metalliferous ores and metal scrap	3	3	6	29	39	42
29	Crude animal and vegetable materials, n.e.s.	35	35	41	43	43	45
32	Coal, coke, and briquettes	1	1	1	4	2	2
33	Petroleum, petroleum products, and related materials	318	329	372	1,020	474	512
34	Gas, natural and manufactured	-	-	-	8	6	-
41	Animal oils and fats	-	1	-	10	11	9
42	Fixed vegetable oils and fats	34	37	39	3	2	1
43	Animal and vegetable oils and fats, processed and waxes of animal or vegetable origin	21	11	5	5	4	2
51	Organic chemicals	246	242	343	2	4	7
52	Inorganic chemicals	55	77	99	21	21	18
53	Dyeing, tanning, and colouring materials	77	104	127	13	15	27
54	Medicinal and pharmaceutical products	95	125	176	32	40	80
55	Essential oils and perfume materials; toilet, polishing, and cleansing preparations	54	49	74	10	12	17
56	Fertilisers manufactured	35	32	51	-	-	-
57	Explosives and pyrotechnic products	6	4	277	-	-	69
58	Artificial resins and plastic materials, cellulose esters and ethers	304	353	193	23	36	22
59	Chemical materials and products, n.e.s.	164	124	206	28	43	47
61	Leather, leather manufactures, n.e.s., and dressed fur skins	90	85	74	47	42	46
62	Rubber manufactures, n.e.s.	175	199	229	25	33	33
63	Cork and wood manufactures (excluding furniture)	53	62	72	3	4	4
64	Paper, paperboard, and articles of paper pulp, of paper, or of paperboard	451	478	473	32	37	47

**TABLE 8.22 CLASSIFICATION OF OVERSEAS IMPORTS AND EXPORTS,
VICTORIA - *continued***
(*\$m*)

Division number	Description	Imports			Exports		
		1987-88	1988-89	1989-90	1987-88	1988-89	1989-90
65	Textile yarn, fabrics, made-up articles, n.e.s., and related products	949	1013	963	60	62	71
66	Non-metallic mineral manufactures, n.e.s.	258	287	310	39	37	40
67	Iron and steel	272	323	337	115	130	195
68	Non-ferrous metals	83	118	117	653	1,140	1,070
69	Manufactures of metal n.e.s.	459	486	522	119	134	120
71	Power generating machinery and equipment	504	567	675	262	181	222
72	Machinery specialised for particular industries	709	839	976	48	54	76
73	Metalworking machinery	170	159	165	13	11	21
74	General industrial machinery and equipment, n.e.s. and machine parts n.e.s.	866	1,058	1,220	79	99	106
75	Office machines and automatic data processing equipment	291	409	449	19	21	28
76	Telecommunications and sound recording and reproducing apparatus and equipment	519	602	635	27	44	82
77	Electrical machinery, apparatus, and appliances n.e.s., and electrical parts thereof	824	899	1,054	69	84	93
78	Road vehicles (including air cushion vehicles)	1,266	1,676	1,842	284	160	229
79	Other transport equipment	142	443	362	58	77	32
81	Sanitary, plumbing, heating, and lighting fixtures and fittings n.e.s.	39	49	56	3	6	5
82	Furniture and parts thereof	82	89	108	11	9	8
83	Travel goods, handbags, and similar containers	63	62	70	-	2	2
84	Articles of apparel and clothing accessories	397	416	493	23	25	34
85	Footwear	145	186	201	3	5	10
87	Professional, scientific and controlling instruments, and apparatus n.e.s.	368	417	434	78	77	88
88	Photographic apparatus, equipment and supplies and optical goods n.e.s.; watches and clocks	278	273	292	188	151	130
89	Miscellaneous manufactured articles n.e.s.	695	798	838	100	101	138
9A	Commodities and transactions of merchandise trade n.e.c.	1,124	917	648	1,227	907	909
Total		14,015	15,968	16,728	9,051	8,519	8,514



MANUFACTURING

Above - Car assembly plant at Ford Motor Co. Australia Ltd

Left - Aluminum Sheeting manufacture

Below - Production of Citric Acid for use in footstuffs and cleaning agents

(Department of Industry and Economic Planning)





COMMERCE/FINANCE

Left - Port Handling facilities, Portland.
(Department of Industry and Economic
Planning)

Below - Interior of the largest
Department Store in the Southern
hemisphere. (Myer)



TABLE 8.23 OVERSEAS IMPORTS AND EXPORTS, COUNTRIES OF ORIGIN AND
CONSIGNMENT, VICTORIA
(\$m)

Description	Imports			Exports		
	1987-88	1988-89	1989-90	1987-88	1988-89	1989-90
Bangladesh	11	11	11	16	27	17
Belgium-Luxembourg	130	144	160	49	32	47
Brazil	139	191	127	6	9	9
Canada	282	321	318	95	93	79
China -						
Excluding Taiwan Province	399	447	555	442	399	243
Taiwan Province only	667	735	714	291	311	357
Chzechoslovakia	11	21	18	23	28	15
Denmark	79	83	97	10	6	10
Egypt, Arab Republic of	1	2	1	78	95	126
Fiji	5	7	22	43	58	89
Finland	128	144	138	4	5	4
France	303	339	375	210	201	165
French Polynesia	*	*	*	12	22	19
Germany, Federal Republic of	1,324	1,325	1,498	267	263	242
Greece	22	43	39	12	16	19
Hong Kong	310	315	293	683	502	422
India	87	96	108	118	105	105
Indonesia	124	111	108	75	83	122
Iran	2	3	4	97	61	144
Iraq	*	*	*	18	32	29
Ireland	26	27	29	1	2	2
Israel	44	47	52	11	16	10
Italy	445	493	594	266	226	246
Japan	2,615	3,172	3,307	1,461	1,791	1,415
Korea, Republic of	381	457	463	383	504	489
Kuwait	57	51	72	27	26	25
Macau	27	27	27	*	*	1
Malaysia	202	211	188	138	157	192
Mauritius	2	*	1	17	13	15
Mexico	29	27	35	8	13	41
Nauru, Republic of	20	27	17	10	10	13
Netherlands	172	194	155	41	41	79
New Caledonia	*	*	*	29	23	19
New Zealand	605	687	796	711	619	720
Norway	98	91	87	10	8	5
Pakistan	35	42	40	21	16	33
Papua New Guinea	41	30	26	208	155	171
Philippines	41	53	51	80	129	170
Poland	10	20	19	39	37	27
Portugal	20	27	30	12	17	13
Samoa (American)	*	*	*	13	14	12
Saudi Arabia	68	70	75	105	72	63
Singapore	241	317	345	341	319	332
Solomon Islands	*	*	*	12	9	12
South Africa	26	31	34	41	34	27
Spain	56	79	80	76	29	32
Sri Lanka	6	8	9	10	9	33

TABLE 8.23 OVERSEAS IMPORTS AND EXPORTS, COUNTRIES OF ORIGIN AND CONSIGNMENT, VICTORIA - *continued*
(*\$m*)

<i>Description</i>	<i>Imports</i>			<i>Exports</i>		
	<i>1987-88</i>	<i>1988-89</i>	<i>1989-90</i>	<i>1987-88</i>	<i>1988-89</i>	<i>1989-90</i>
Sweden	311	332	360	13	12	22
Switzerland	170	159	185	8	10	9
Thailand	131	160	176	121	154	199
Turkey	10	11	31	25	16	17
USSR	7	19	16	166	260	170
United Arab Emirates	8	16	*	56	51	39
United Kingdom	1,060	1,190	1,083	500	281	430
United States of America	2,849	3,323	3,567	1,194	824	846
Yemen Arab Republic	*	*	*	11	13	29
Yugoslavia	22	21	22	33	32	23
Other and unknown	157	211	224	304	229	270
Total	r14,015	15,968	16,782	9,051	8,519	8,514

TABLE 8.24 OVERSEAS IMPORTS BY COUNTRY OF ORIGIN AND EXPORTS BY COUNTRY OF CONSIGNMENT, VICTORIA, TOP TEN COUNTRIES FOR 1989/90
(*\$'000*)

<i>Imports</i>		<i>Exports</i>			
1	USA	3,566,681	1 Japan	1,414,980	
2	Japan	3,307,312	2	USA	846,366
3	Germany, Federal Republic of	1,497,623	3	New Zealand	719,518
4	United Kingdom	1,082,746	4	Korea, Republic of	489,174
5	New Zealand	795,519	5	United Kingdom	429,805
6	Taiwan	714,117	6	Hong Kong	421,560
7	Italy	593,685	7	Taiwan	357,083
8	China	555,128	8	Singapore	331,721
9	Korea, Republic of	462,530	9	Italy	245,947
10	France	375,312	10	China	243,182

REFERENCES

The latest year for which ABS estimates are available for State Gross Domestic product (GDP) at factor cost is 1985-86. In order to bring the series up to 1986-87, use was made of estimates for gross operating surplus prepared by the Victorian Department of Management and Budget.

Wholesale trade statistics were last produced from a Wholesale Trade Survey which the ABS conducted in respect of the year 1981-82.

Retail trade statistics are collected by the ABS through periodical censuses and regular sample surveys. Statistics on the performance and structure of the retail sector have been compiled from periodical censuses for the years 1947-48, 1948-49, 1952-53, 1956-57, 1961-62, 1968-69, 1973-74, 1979-80, and 1985-86.

The CPI measures quarterly changes in the price of a 'basket' of goods and services which account for a high proportion of expenditure by metropolitan wage and salary earner households. This 'basket' covers

a wide range of goods and services, arranged in the following eight groups: food; clothing; housing; household equipment and operation; transportation; tobacco and alcohol; health and personal care; and recreation and education. Each group is in turn divided into sub groups, and the sub groups into expenditure classes.

Producer Price Indexes were formerly described as Wholesale Price Indexes. Index numbers for each month, together with more detailed information concerning the methods used in compiling these indexes, are shown in the bulletins published for each index. For further information refer to the *Victorian Year Book 1986*, pages 331-7.

The ABS has conducted four surveys of household expenditure to obtain data about the expenditure patterns of private households. These took place during 1974-75, 1975-76, 1984 and 1988-89. Note that comparison of results between Surveys must be made with care as there are significant methodological and conceptual differences. Further information on the 1974-75 and 1975-76 surveys can be found in the *Victorian Year Book 1979*, pages 505-10.

Overseas trade statistics are compiled by the Australian Bureau of Statistics from documentation submitted by exporters or importers, or their agents, to the Australian Customs Service, as required by the Customs Act.

The statistics presented in this chapter are recorded on a *general trade basis*, i.e. total exports include both Australian produce and re-exports, and total imports comprise goods entered directly for domestic consumption, together with goods imported into customs warehouses.

State statistics for exports comprise State of origin or State of final shipment. 'State of origin' is defined as the State in which the final stage of production or manufacture occurs. For imports, the State is that in which the import entry was lodged with the Australian Customs Service.

ABS publications

- Balance of Payments, Australia* (5301.0)
- Foreign Trade, Australia, Part 2: Comparative and Summary Tables* (5410.0)
- Exports and Imports, Australia: Trade with Selected Countries and Major Country Groups* (5422.0)
- Exports of Major Commodities and Their Principal Markets, Australia* (5423.0)
- Exports, Australia: Annual Summary Tables* (5424.0)
- Imports, Australia: Annual Summary Tables* (5426.0)
- Exports, Australia, Monthly Summary Tables* (5432.0)
- Imports, Australia, Monthly Summary Tables* (5433.0)
- Exports, Australia* (5434.0)
- Imports, Australia* (5435.0)
- Foreign Trade, Australia, Exports* (5436.0)
- Foreign Trade, Australia, Imports* (5437.0)
- Consumer Price Index (quarterly)* (6401.0)
- Average Retail Prices of Selected Items, Eight Capital Cities (quarterly)* (6403.0)
- Export Price Index, Australia (monthly)* (6405.0)
- Price Index of Materials Used in Building Other than House Building, Six State Capital Cities and Darwin (monthly)* (6407.0)
- Price Index of Materials Used in House Building, Six State Capital Cities (monthly)* (6408.0)
- Price Indexes of Copper Materials, Australia (monthly)* (6410.0)
- Price Indexes of Materials Used in Manufacturing Industries, Australia (monthly)* (6411.0)
- Price Indexes of Articles Produced by Manufacturing Industry, Australia (monthly)* (6412.0)
- Import Price Index, Australia (quarterly)* (6414.0)
- Price Indexes of Materials Used in Coal Mining, Australia (monthly)* (6415.0)

- House Price Indexes, Eight Capital Cities (quarterly)* (6416.0)
A guide to the Consumer Price Index (6440.0)
The Australian Consumer Price Index: Concepts, Sources and Methods (6461.0)
1984 Household Expenditure Survey, Victoria (6501.2)
Information Paper: 1984 Household Expenditure Survey (6527.0)
1988-89 Household Expenditure Survey, Australia
 Preliminary (June to December) (6528.0)
 Summary of Results (6530.0)
 Household Characteristics (6531.0)
 Specific Commodities (6532.0)
 Household Expenditure by States and Territories (6533.0)
 Consumer Credit Expenditure (6534.0)
 Detailed Expenditure Items (6535.0)
 Changes in Household Expenditure between 1975-76 and 1988-89 (6536.0)
 Information Paper: Sample File on Magnetic Tape (6544.0)
Retail Trade, Australia, (monthly) (8501.0)
Retail Industry: Details of Operations, Australia, 1985-86, (8622.0)
Retail Industry: Details of Operations, Victoria, 1985-86, (8622.2)
Retail Industry: Small Area Statistics, Victoria, 1985-86, (8623.2)
Retail Industry: Small Area Statistics, Victoria, 1985-86, Data on Floppy Disk, Technical Details and Explanatory Notes (8641.2)
Wholesale Establishments: Details of Operations by Industry Class, Australia, 1981-82 (8638.0)
Selected Tourism and Personal Service Industries
 Summary of Operations, Australia, 1986-87, Preliminary (8650.0)
 1986-87) Motor Vehicle Hire Industry, Australia (8652.0)
 1986-87 Travel Agency Services Industry, Australia (8653.0)
 1986-87 Motion Picture Theatre Industry, Australia (8654.0)
 1986-87 Cafes and Restaurants Industry, Australia (8655.0)
 1986-87 Hotels and Bars and Accommodation Industries, Australia (8656.0)
 1986-87 Licensed Clubs Industry, Australia (8657.0)
 1986-87 Laundries and Dry Cleaners Industry, Australia (8658.0)
 1986-87 Hairdressers and Beauty Salons Industry, Australia (8659.0)
 1986-87 Photographic Services Industry, Australia (8660.0)
 1986-87 Tourist Attractions (8661.0)
 Professional and Business Services, Summary Statistics, Australia, 1987-88 (8662.0)
 1987-88 Computing Services Industry, Australia (8669.0)
 1987-88 Advertising Services Industry, Australia (8670.0)

9 *Finance*



INTRODUCTION

This chapter provides details of the financial activities of the Victorian State Government, Victorian local government authorities, and those of some financial institutions operating in Victoria, such as building societies, credit co-operative societies, and the Australian Stock Exchange (Melbourne) Limited.

Public finance

Three levels of government, Commonwealth, State, and Local, collectively constitute the public sector in Australia. The public sector finance statistics presented in this chapter exclude public financial enterprises (government savings banks, insurance offices, etc.).

State government enterprises discussed in this chapter include the central government of Victoria, statutory bodies created by or under State legislation to carry out activities on behalf of the central government, and incorporated organisations in which the central government has a controlling interest.

The public finance tables in this chapter cover the State government and Local government components of the non-financial public sector. A series of summary tables show, on a consolidated basis, revenue, outlays and financing transactions and the purposes that are being served by government expenditure programs.

Outlays

Current outlays by the Victorian State government in 1988-89 were \$12,763.5m, which was an increase of 8 per cent on the previous year (\$11,819.0m). The largest component of this outlay was final consumption expenditure which was \$7,594.0m. Current grants of \$1,139.8m constituted a 10 per cent increase on 1987-88 (\$1,040.5m). Interest payments were \$2,821.5m.

In 1988-89 government final consumption expenditure on education and on health was \$3,137.8m and \$2,266.4m respectively, constituting 41 per cent and 30 per cent of total government final consumption expenditure of \$7,594.0m. Final consumption expenditure on recreation and culture increased by 40 per cent, from \$99.7m in 1987-88 to \$139.7m in 1988-89. Final consumption expenditure on social services and welfare increased 37 per cent to \$201.1m.

Capital outlays in 1988-89 were \$2,802.3m, an increase of 5 per cent on 1987-88 (\$2,676.8m). New fixed assets expenditure on hospital and other institutional services and benefits was \$180.6m, an increase of 17 per cent on 1987-88 (\$154.4m). The new fixed assets expenditure of \$758.5m on electricity and other energy in 1988-89 was an increase of 26 per cent on 1987-88 (\$601.9m).

Revenue

Revenue and grants received by the State government in 1988-89 were \$13,079.4m, an 8 per cent increase on 1987-88 (\$12,144.1m). The proportion received from the Commonwealth Government in the form of grants was \$5,660.5m or 43 per cent, while \$5,064.9m. was received as taxes, fees, and fines

TABLE 9.1 STATE GOVERNMENT - SUMMARY OF TRANSACTIONS CLASSIFIED BY ECONOMIC TRANSACTIONS FRAMEWORK
(\$ million)

	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
Current outlays -	7,806.4	8,901.8	10,035.7	11,056.0	11,819.0	12,763.5
General government final consumption expenditure	4,786.7	5,385.9	5,933.9	6,485.6	7,011.1	7,594.0
Required current transfer payments						
interest payments	1,567.4	1,866.5	2,208.8	2,381.1	2,703.7	2,821.5
other	-	-	-	-	4.8	19.2
Unrequited current transfer payments -						
Subsidies paid to enterprises	594.5	687.5	867.8	1,084.3	871.2	953.1
Personal benefit payments	126.1	122.0	122.8	126.3	183.6	235.9
Current grants -	730.7	837.9	902.5	973.2	1,040.5	1,139.8
to non-profit institutions	513.8	571.7	619.0	691.9	721.5	803.5
to local authorities	216.6	265.9	283.3	281.2	318.8	335.4
Other current transfer payments	0.5	1.7	-0.5	5.1	4.0	-
Capital outlays -	2,680.0	2,701.9	2,780.1	2,678.0	2,676.8	2,802.3
Gross fixed capital expenditure -	2,422.8	2,449.9	2,584.7	2,488.7	2,378.9	2,720.8
Expenditure on new fixed assets	2,443.0	2,523.9	2,645.6	2,664.6	2,662.2	3,029.2
Expenditure on secondhand fixed assets (net)	-20.2	-74.0	-61.0	-175.9	-283.3	-308.4
Increase in stocks	13.4	24.0	28.5	7.5	27.4	24.2
Expenditure on land and intangible assets (net)	56.3	45.7	-41.4	6.6	72.7	-109.6
Capital transfer payments -	189.2	237.7	199.6	139.4	172.0	188.0
Capital grants -						
to Local government	125.7	164.9	118.2	90.9	115.3	131.2
to other sectors	21.8	37.2	65.1	38.1	50.3	55.3
Other capital transfer payments	41.6	35.7	16.3	10.4	6.4	1.5
Advances paid (net) -	-1.6	-55.4	8.8	35.8	25.9	-21.2
to Local governments	1.8	2.6	2.5	-0.5	-1.3	-5.1
to other sectors	-3.4	-58.1	6.3	36.3	27.2	-16.1
Revenue and grants received -	8,150.3	9,169.5	10,075.0	11,280.8	12,144.1	13,079.4
Taxes, fees, and fines	2,794.2	3,153.4	3,445.8	3,888.7	4,437.4	5,064.9
Net operating surpluses of public trading enterprises	683.3	789.1	1,027.5	1,458.7	1,463.6	1,540.0
Property income and other revenue	544.7	640.9	701.0	686.0	723.9	814.0
Grants received from Commonwealth Government	4,128.2	4,586.1	4,900.7	5,247.3	5,519.1	5,660.5
Financing transactions -	2,336.0	2,434.1	2,740.7	2,453.3	2,351.7	2,486.4
Increase in provisions	514.0	668.2	716.2	707.4	729.5	825.4
Deficit	1,822.0	1,765.9	2,024.5	1,745.8	1,622.3	1,661.0
Deficit financing -						
Net advances received from Commonwealth Government	228.5	181.4	177.7	117.0	15.4	-8.9
Other deficit financing	1,593.5	1,584.5	1,846.8	1,628.8	1,606.9	1,669.9

(39 per cent). In 1988-89 taxes, fees and fines increased by 14 per cent on 1987-88 (\$4,437.4m). The annual deficit in 1988-89 was \$1,661.0m, a 2 per cent increase from the 1987-88 deficit of \$1,622.3m.

SUMMARY OF CAPITAL AND CURRENT OUTLAYS AND REVENUE AND GRANTS RECEIVED, VICTORIA

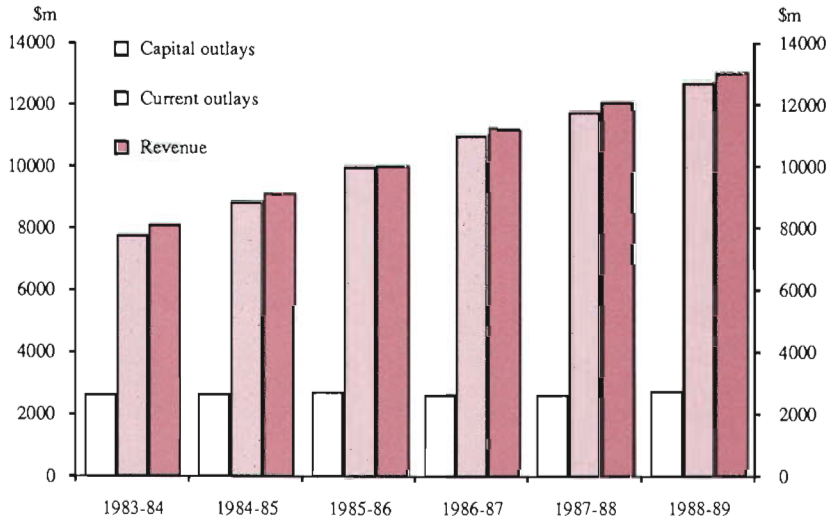


TABLE 9.2 STATE GOVERNMENT - GENERAL GOVERNMENT FINAL CONSUMPTION EXPENDITURE CLASSIFIED BY GOVERNMENT PURPOSE, VICTORIA
(\$ million)

	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
General public services	368.8	435.2	502.1	623.5	719.2	737.6
Public order and safety	443.5	468.0	536.9	564.7	605.1	664.0
Education -	2,240.7	2,341.2	2,603.5	2,763.8	2,927.2	3,137.8
Primary and secondary education	1,401.1	1,464.9	1,545.5	1,605.1	1,633.3	1,829.4
Tertiary	706.4	730.5	878.5	949.0	1,044.9	1,104.8
Other	133.2	145.8	179.4	209.6	249.0	203.6
Health -	1,213.4	1,475.8	1,616.8	1,817.1	2,050.1	2,266.4
Hospital and other institutional services and benefits	1,107.1	1,328.7	1,478.4	1,671.5	1,884.2	2,042.8
Clinics and other non-institutional services and benefits	52.4	54.8	35.3	32.3	27.1	30.1
Other	53.8	92.2	103.1	113.4	138.7	193.5
Social security and welfare	94.9	95.6	109.6	146.6	146.6	201.1
Housing and community amenities -	48.5	45.4	40.3	43.9	45.2	46.9
Housing and community development	32.7	33.7	30.8	36.5	37.8	41.2
Water supply	-	1.4	1.5	0.7	1.7	1.2
Sanitation and protection of the environment	15.9	10.2	8.0	6.7	5.6	4.5
Other community amenities	-	-	-	0.1	0.1	-
Recreation and culture	28.0	77.4	101.3	100.0	99.7	139.7

**TABLE 9.2 STATE GOVERNMENT - GENERAL GOVERNMENT FINAL CONSUMPTION
EXPENDITURE CLASSIFIED BY GOVERNMENT PURPOSE, VICTORIA - *continued***
(\$ million)

	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
Fuel and energy -	7.1	2.9	4.2	5.9	7.3	7.2
Fuel affairs and services	-	0.3	-0.3	-0.3	0.7	0.3
Electricity and other energy	5.8	0.1	0.5	0.6	0.6	1.1
Fuel and energy n.e.c.	1.3	2.6	4.1	5.6	6.0	5.7
Agriculture, forestry, fishing, and hunting	137.5	145.1	127.8	133.9	149.5	126.1
Mining, manufacturing, and construction	11.8	7.1	5.2	5.6	6.4	6.5
Transport and communications -	123.4	162.5	186.6	193.6	168.5	194.4
Road transport	131.4	142.7	168.7	185.7	166.3	187.4
Water transport	-1.0	2.9	2.6	-10.9	-10.6	-5.3
Rail transport	-4.9	0.1	-	-	-	-
Other	-2.1	16.9	15.4	19.1	12.8	12.4
Other economic affairs	42.4	125.2	95.2	83.6	81.6	62.7
Other purposes	26.8	4.7	4.4	3.1	4.7	3.7
Total	4,786.7	5,385.9	5,933.9	6,485.6	7,011.1	7,594.0

**TABLE 9.3 STATE GOVERNMENT - EXPENDITURE ON NEW FIXED ASSETS
CLASSIFIED BY GOVERNMENT PURPOSE, VICTORIA**
(\$ million)

	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
General public services	16.6	13.2	20.4	18.5	10.9	7.1
Defence	-	1.2	0.3	0.4	-	-
Public order and safety	46.6	66.6	90.5	114.1	144.2	144.8
Education -	188.8	240.4	247.2	260.5	226.6	228.4
Primary and secondary education	107.1	119.7	113.9	103.8	83.5	90.4
Tertiary education	75.6	107.1	118.9	145.6	130.7	125.2
Other	6.1	13.7	14.4	11.2	12.4	12.8
Health -	69.7	102.3	125.3	135.1	159.9	189.3
Hospital and other institutional services and benefits	65.8	98.2	115.6	125.4	154.4	180.6
Clinics and other non-institutional services and benefits	-	-	2.3	1.5	0.8	-
Other	3.9	4.1	7.4	8.3	4.7	8.7
Social security and welfare	3.3	3.7	6.7	6.3	11.5	11.2
Housing and community amenities -	563.0	589.2	634.1	705.7	719.7	815.9
Housing and community development	200.4	203.6	258.2	286.9	282.6	331.9
Water supply	190.5	176.9	157.3	171.6	173.0	203.9
Sanitation and protection of the environment	171.8	208.7	218.6	247.2	264.1	280.1
Other community amenities	0.3	-	-	-	-	-
Recreation and culture	23.9	26.1	37.6	59.8	68.1	87.7
Fuel and energy -	699.7	712.3	704.4	569.4	686.1	874.5
Fuel affairs and services	130.4	84.0	103.0	97.2	84.0	115.7
Electricity and other energy	569.3	628.2	601.1	472.1	601.9	758.5
Fuel and energy n.e.c.	-	-	0.2	0.2	0.1	0.3
Agriculture, forestry, fishing, and hunting	74.7	35.3	36.1	42.4	52.1	62.0
Mining, manufacturing, and construction	1.3	0.6	0.3	0.1	4.1	-

**TABLE 9.3 STATE GOVERNMENT - EXPENDITURE ON NEW FIXED ASSETS
CLASSIFIED BY GOVERNMENT PURPOSE, VICTORIA - *continued***
(\$ million)

	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
Transport and communications -	721.3	707.2	709.2	728.9	545.0	594.1
Road transport	288.8	304.1	394.2	402.6	298.5	336.5
Water transport	33.5	30.0	24.0	23.9	15.8	17.8
Rail transport	198.2	134.5	100.6	100.0	99.2	84.4
Other	200.7	238.7	190.4	202.4	131.5	155.4
Other economic affairs	32.7	25.8	33.5	23.2	32.8	12.3
Other purposes	1.5	-	0.1	-	1.1	1.9
Total	2,443.0	2,523.9	2,645.6	2,664.6	2,662.2	3,029.2
Comprised of -						
General government	764.1	824.8	993.4	1,063.2	1,018.1	1,098.4
Public trading enterprises	1,678.9	1,699.1	1,652.2	1,601.4	1,644.1	1,930.9

In 1988-89 taxes, fees and fines totalled \$5,064.9m, an increase of 14 per cent on the 1987-88 figure of \$4,437.4m. Employer' payroll tax was the largest single item of taxation, being 28 per cent of the total. The actual amount in 1988-89 was \$1,403.8m, an increase of 14 per cent on 1987-88 (\$1,230.9m). Taxes on financial and capital transactions (stamp duties and financial institutions' taxes) were \$1,418.9m in 1988-89, an increase of 27 per cent on 1987-88 (\$1,117.8). Taxes on provision of goods and services (levies on statutory corporations, taxes on gambling and insurance) totalled \$893.5m in 1988-89, an increase of 7 per cent on 1987-88 (\$831.6m). Motor vehicle taxes were \$419.1m in 1988-89, a decrease of 2 per cent on 1987-88 (\$426.0m). Petroleum products franchise taxes showed a 4 per cent decrease from \$237.5m in 1987-88 to \$228.1m in 1988-89.

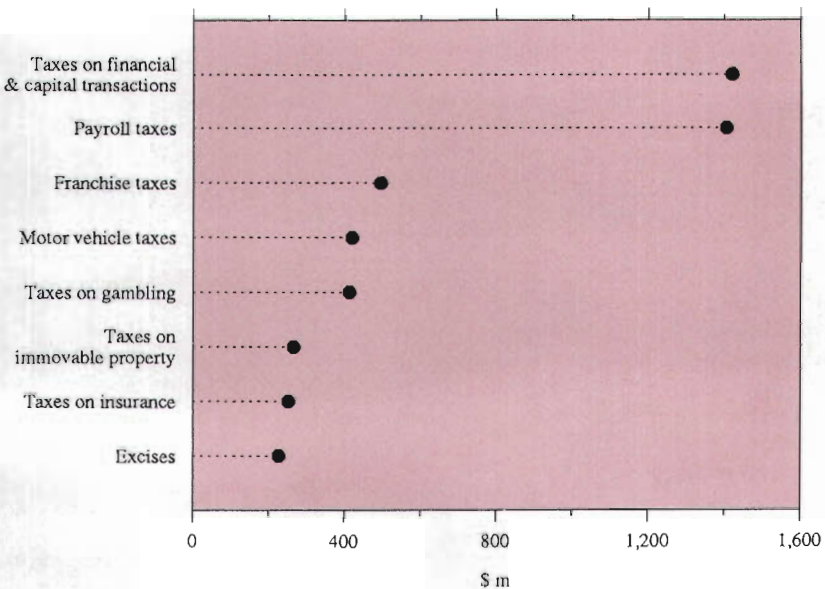
TABLE 9.4 STATE GOVERNMENT TAXES, FEES, AND FINES BY TYPE, VICTORIA
(\$ million)

	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
Employers' payroll taxes	833.4	924.8	1,029.8	1,108.4	1,230.9	1,403.8
Taxes on property -	614.5	757.3	887.4	1,046.5	1,361.0	1,685.2
Taxes on immovable property -	167.1	178.7	210.6	225.6	242.6	265.7
Land taxes	143.1	153.3	183.0	195.3	209.5	230.2
Metropolitan improvement rates	23.9	25.4	27.6	30.3	33.1	35.5
Estate inheritance and gift duty	30.2	8.5	2.2	1.8	0.7	0.6
Taxes on financial and capital transactions -	417.2	570.1	674.7	819.1	1,117.8	1,418.9
Stamp duties	336.3	479.4	569.7	699.5	978.3	1,259.9
Financial institutions' taxes	80.9	90.7	105.0	119.5	139.4	159.0
Taxes on provision of goods and services -	633.0	687.4	682.2	778.6	831.6	893.5
Excises (levies on statutory corporations)	142.8	165.1	178.8	217.9	212.1	228.0
Taxes on gambling -	254.8	298.6	311.6	352.5	386.0	412.5
Taxes on private lotteries	155.4	183.3	180.0	208.1	226.4	234.4
Race betting taxes	96.7	112.3	128.5	140.9	155.3	172.2
Taxes on gambling n.e.c.	2.7	3.0	3.1	3.4	4.4	5.8

TABLE 9.4 STATE GOVERNMENT TAXES, FEES, AND FINES BY TYPE,
VICTORIA - *continued*
(\$ million)

	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
Taxes on insurance -	235.4	223.8	191.8	208.2	233.5	253.0
Insurance companies' contributions to fire brigades	76.1	83.5	92.3	105.6	114.7	122.0
Third party insurance taxes	19.0	10.3	-	-	-	-
Taxes on insurance n.e.c.	140.3	130.0	99.5	102.7	118.8	130.9
Taxes on use of goods and performance of activities -	646.6	705.1	772.8	840.9	897.9	918.8
Motor vehicle taxes -	324.8	359.8	389.2	410.2	426.0	419.1
Vehicle registration fees and taxes	177.6	177.7	190.4	202.7	196.6	148.2
Stamp duty on vehicle registration	101.1	133.5	151.4	163.4	180.7	219.1
Drivers' licences	46.1	48.6	47.4	44.1	48.6	51.9
Franchise taxes -	308.2	372.4	403.2	416.7	455.6	494.1
Gas franchise taxes	-	0.2	0.1	0.3	0.1	-
Petroleum products franchise taxes	151.6	192.4	210.8	214.6	237.5	228.1
Tobacco franchise taxes	83.8	104.6	111.5	113.4	123.6	151.9
Liquor franchise taxes	72.8	75.2	80.7	88.4	94.4	114.1
Other taxes on use of goods etc	13.6	-27.1	-19.5	14.0	16.3	5.5
Fees and fines	66.6	78.7	73.6	114.3	115.9	163.1
Compulsory Fees	24.6	33.1	31.4	64.5	66.7	110.6
Tertiary Education Fees	-	-	-	28.4	31.8	86.1
Fines	42.0	45.6	42.2	49.8	49.2	52.5
Total	2,794.2	3,153.4	3,445.8	3,888.7	4,437.4	5,064.9

STATE TAXATION VICTORIA, 1988-89



Commonwealth Government payments to Victoria

The Commonwealth Government has made payments of various kinds to the States since Federation. With the introduction in 1942 of the uniform tax arrangements (under which the Commonwealth became the sole Government imposing taxes on income) the Commonwealth Government began to make annual tax reimbursement grants to the States. Specific purpose payments to the States also increased, reflecting the extending range of government activities.

Tax reimbursement grants were replaced in 1959-60 by financial assistance grants' which continued up to the year 1975-76. Since 1976-77 general revenue grants to the States have included local government and have been based on shares of Commonwealth tax. In 1978 legislation was passed giving States the right to either impose a surcharge or grant a rebate on personal income tax to be collected or paid by the Commonwealth on behalf of the State.

As part of changes to its fiscal policy, the Commonwealth Government in 1985-86 discontinued the tax sharing agreements with the States under which general revenue grants to the States were determined for a period of three to five years. Since 1985-86 these grants have been determined on a yearly basis.

Payments by the Commonwealth, under the tax sharing policy, to local government are in the form of untied grants for general purpose assistance, paid in the first instance to the States for passing on to local government municipalities. The Victorian Grants Commission formally constituted in 1977, has as its primary role the allocation of this grant between municipalities in Victoria. There are also direct payments by the Commonwealth Government to local government authorities; in addition to Commonwealth programs under which a portion of funds made available to the States is passed on to local government authorities. Further details of the Commonwealth Government relations with the States and local government are contained in *Commonwealth Budget Paper No 4: Commonwealth Financial Relations with other levels of Government 1990-91*.

General purpose grants, both capital and recurrent from the Commonwealth to Victoria in 1988-89 totalled \$2,746.6m, a 13 per cent decrease from the \$3,160.8m in 1987-88. Specific purpose grants for recurrent and capital purposes in 1988-89 totalled \$2,914.0m, a 24 per cent increase on the 1987-88 figure of \$2,358.4m. Education (\$1,295.0m), Health (\$854.2m), and Transport (\$296.4m) together comprised 84 per cent of total specific purpose grants.

In addition to these grants the Commonwealth Government also made repayable advances to the States for various purposes. Total net advances to Victoria were \$-8.9m in 1988-89, a decrease of 157 per cent on 1987-88 (\$15.4m).

TABLE 9.5 COMMONWEALTH GOVERNMENT GRANTS TO OR FOR THE STATE AND LOCAL GOVERNMENT AUTHORITIES (a) VICTORIA
(\$ million)

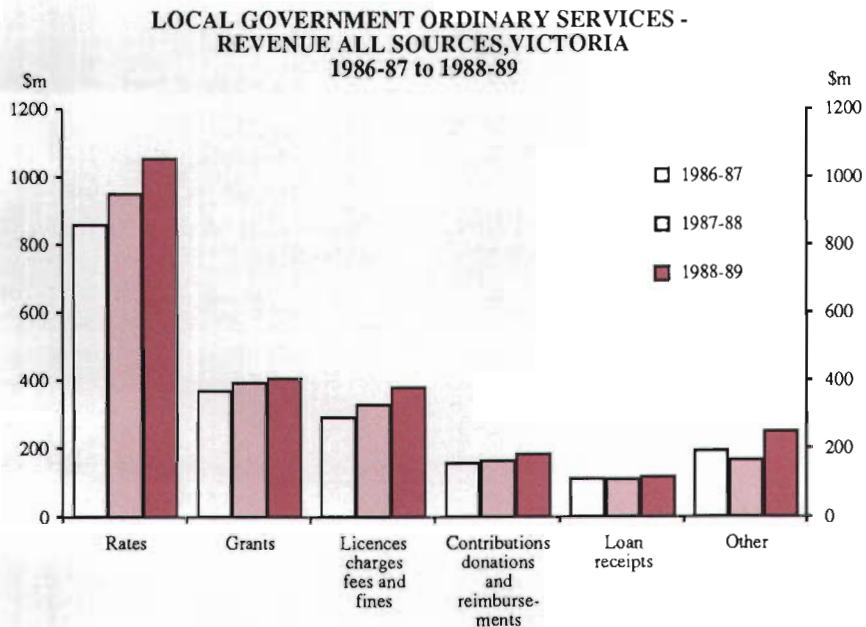
<i>Nature of Payment</i>	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
General revenue funds -						
Tax sharing grants	1,926.2	2,019.9	-	-	-	-
Financial assistance grants	-	-	2,248.3	2,494.0	2,667.3	2,661.2
Special revenue assistance	62.8	31.0	-	0.4	3.6	13.9
Health grants	323.2	344.2	371.0	411.9	441.6	-
General revenue	2,312.3	2,395.1	2,619.3	2,906.3	3,112.5	2,675.1

TABLE 9.5 COMMONWEALTH GOVERNMENT GRANTS TO OR FOR THE STATE AND LOCAL GOVERNMENT AUTHORITIES (a) VICTORIA - *continued*
(\$ million)

<i>Nature of Payment</i>	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
General purpose capital funds -						
Capital works grant	123.0	131.0	140.2	107.9	48.3	71.5
Specific purpose grants for						
recurrent and capital purposes -						
Interest on State debt	4.3	4.3	-	-	-	-
Sinking fund on State debt (b)	11.4	11.8	12.3	12.7	12.8	12.7
Education	990.2	1,095.6	1,161.8	1,204.9	1,284.6	1,295.0
Health	84.4	254.4	279.1	302.9	342.5	854.2
Social security and welfare	23.2	33.6	39.5	48.7	70.9	74.7
Housing and Community Amenities nec	120.1	143.5	148.9	159.6	160.4	157.9
Transport	230.9	267.5	253.9	254.0	250.3	296.4
Industry Assistance and Development	20.5	14.4	17.6	30.1	20.3	19.6
Culture and Recreation	3.1	6.1	6.1	5.8	5.4	3.1
Labour and Employment	105.7	94.4	68.7	46.2	23.6	0.3
Local government general purpose assistance	116.9	123.8	136.4	147.7	165.8	172.7
Other economic affairs and purposes	47.3	15.9	19.1	19.9	21.0	27.1
Specific purpose	1,758.0	2,065.3	2,143.4	2,232.5	2,358.4	2,914.0
General purpose	2,435.3	2,526.1	2,759.5	3,014.2	3,160.8	2,746.6
Total Commonwealth grants	4,193.3	4,591.4	4,902.9	5,246.7	5,519.2	5,660.6

(a) Excludes subsidies and bounties to primary producers, and cash benefits payments to persons in Victoria paid by Commonwealth departments.

(b) Paid to National Debt Sinking Fund.



**TABLE 9.6 VICTORIAN LOCAL GOVERNMENT: ORDINARY SERVICES REVENUE,
LOAN RECEIPTS, AND OUTLAYS (a)**

Particulars	1986-87		1987-88		1988-89	
	\$'000	Per cent	\$'000	Per cent	\$'000	Per cent
Revenue -						
Rates (incl. penalties); ex-gratia receipts	867,069	43.0	956,223	44.6	1,059,729	43.8
Garbage (incl. rates and charges)	47,053	2.3	55,831	2.6	62,815	2.6
Other charges	192,517	9.5	210,238	9.8	243,004	10.0
Government grants -						
General purpose	149,630	7.4	165,092	7.7	172,668	7.1
Specific purpose -						
Capital	75,006	3.7	76,314	3.6	67,130	2.8
Current	149,689	7.4	157,363	7.3	173,010	7.1
Licences, fees, and fines	57,935	2.9	67,939	3.2	78,804	3.3
Interest received	95,029	4.7	78,099	3.6	121,765	5.0
Contributions, donations	43,398	2.2	45,762	2.1	50,298	2.1
Reimbursements -						
Roads and bridges -						
Construction	57,203	2.8	56,579	2.6	61,388	2.5
Maintenance	29,158	1.4	32,981	1.5	37,524	1.5
Other	33,289	1.6	34,062	1.6	39,874	1.6
Sale of land and second-hand fixed assets	58,362	2.9	55,481	2.6	81,541	3.4
Other (b)	45,134	2.2	37,636	1.8	51,066	2.1
Total revenue	1,900,533	94.2	2,029,600	94.6	2,300,615	95.0
Loan receipts	117,110	5.8	115,548	5.4	121,575	5.0
Total revenue and loan receipts	2,017,643	100.0	2,145,148	100.0	2,422,190	100.0
Outlay by purpose -						
General administration	311,530	15.5	348,087	15.9	363,626	15.1
Law, order, and public safety	17,139	0.9	19,618	0.9	22,588	0.9
Education	23,309	1.2	24,130	1.1	27,288	1.1
Health	48,882	2.4	54,496	2.5	59,347	2.5
Welfare	150,368	7.5	178,972	8.2	204,304	8.5
Housing	6,697	0.3	7,605	0.3	6,364	0.3
Community amenities	222,733	11.1	247,165	11.3	274,399	11.4
Recreation and culture	315,365	15.7	350,918	16.1	373,704	15.6
Economic services -						
Roads, streets, and bridges	409,327	20.4	431,019	19.7	476,715	19.9
Other transport (c)	73,726	3.7	78,750	3.6	92,950	3.9
Other economic affairs (d)	72,137	3.7	75,286	3.4	79,803	3.3
Other purposes (e)	132,079	6.6	131,291	6.0	160,952	6.7
Total outlays by purpose	1,785,293	88.8	1,947,336	89.1	2,142,040	89.2

TABLE 9.6 VICTORIAN LOCAL GOVERNMENT: ORDINARY SERVICES REVENUE, LOAN RECEIPTS AND OUTLAY (a) - continued

Particulars	1986-87		1987-88		1988-89	
	\$'000	Per cent	\$'000	Per cent	\$'000	Per cent
Other outlay -						
Debt charges -						
Interest paid	123,522	6.1	126,465	5.8	134,942	5.6
Debt redemption	70,361	3.5	77,474	3.5	90,680	3.8
Grants, levies paid to government	20,855	1.0	21,700	1.0	21,459	0.9
Other (f)	11,560	0.6	12,047	0.6	12,299	0.5
Total outlay	2,011,592	100.0	2,185,022	100.0	2,401,419	100.0

(a) Includes only net results of trading activities.

(b) Includes repayment of advances and transfers from trading activities.

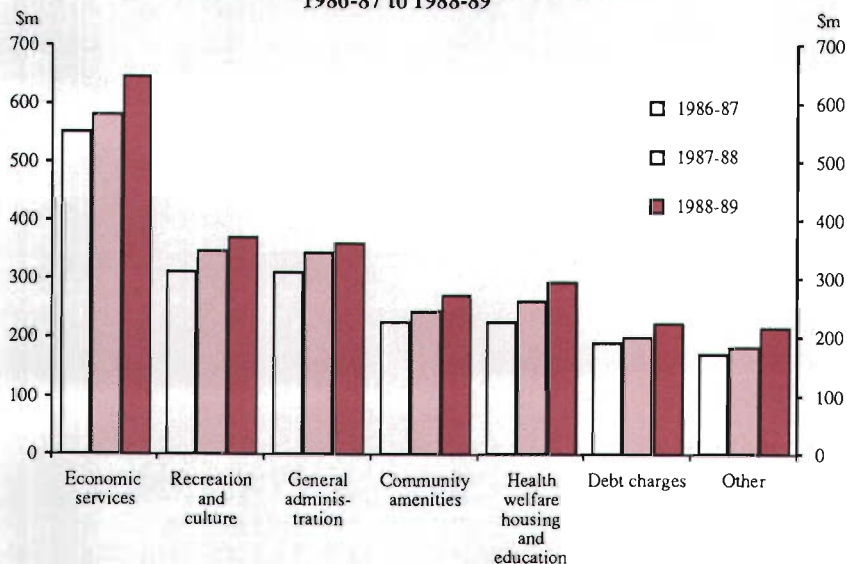
(c) Includes road plant purchases, parking, aerodromes and other transport n.e.c.

(d) Includes tourism and area promotion, saleyards and markets and other economic affairs.

(e) Includes agriculture and forestry, building control, natural disaster relief, mining and manufacturing and other purposes n.e.c.

(f) Consists of donations and advances paid and transfers to trading activities.

LOCAL GOVERNMENT ORDINARY SERVICES - TOTAL OUTLAY BY PURPOSE, VICTORIA 1986-87 to 1988-89



Non-bank finance

Permanent building societies; in Victoria declined in number from 26 in 1983-84 to 19 in 1988-89. This was due to both a number of amalgamations between societies and the conversion of two societies into savings banks in recent years. In 1988-89 deposits were \$4,453.3m and withdrawable shares \$1,582.0m, an increase of 66 per cent and 68 per cent respectively over the corresponding 1983-84 figures of \$2,681.2m and \$943.4m. The amount owing on loans in 1988-89 was \$5,900.6m, which was a 128 per cent increase on the 1983-84 amount of \$2,585.5m.

There were 123 credit co-operative societies in Victoria at the end of 1987-88. The number of societies declined from the 172 which existed in 1982-83, but membership increased by 31 per cent from 413,242 in 1982-83 to 542,891 in 1987-88. As a proportion of all societies in Australia, the number of Victorian societies and their membership changed little from 1982-83. Victorian societies in 1982-83 comprised 31 per cent of the Australian total (172 of 549) and 29 per cent in 1987-88 (123 of 419). Similarly membership was 23 per cent in 1982-83 (413,242 of 1,824,286) and 22 per cent in 1987-88 (542,891 of 2,453,713). Victorian deposits at the end of 1987-88 were \$1,562.4m, 23 per cent of the Australian total of \$6,708.9m. In 1982-83 the proportion was 26 per cent, the figures being \$867.7m and \$3,391.8m for Victoria and Australia respectively. Loans outstanding to Victorian members at the end of 1987-88 were \$1,272.2m, 22 per cent of the Australian total of \$5,664.5m. In 1982-83 the Victorian figure was \$632.0m, 23 per cent of the Australian figure of \$2,696.5m.

TABLE 9.7 PERMANENT BUILDING SOCIETIES, VICTORIA

Particulars	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
Number of societies	26	25	24	20	19	19
Income and expenditure (\$'000) -						
Income -						
Interest from loans	334,642	387,258	513,731	508,473	551,159	733,016
Interest from deposits	26,788	30,634	61,475	40,809	31,810	41,115
Income from holdings of securities	129,210	140,285	122,859	165,859	151,857	143,718
Other income	15,194	28,981	34,616	41,435	83,117	96,472
Total income	505,834	587,158	732,681	756,576	817,943	1,014,321
Expenditure -						
Interest on shares	107,482	85,676	107,518	96,730	104,320	135,676
Interest on deposits	254,082	330,592	442,808	463,996	440,104	556,729
Income on loans	9,725	14,989	25,990	32,484	53,597	91,838
Other expenditure	105,909	123,381	135,132	145,552	158,496	172,383
Total expenditure	477,198	554,638	711,448	738,762	756,517	956,626
Liabilities and assets (a) (\$'000) -						
Liabilities -						
Share capital and reserves -						
Non-withdrawable shares	39,610	62,043	82,274	104,473	138,473	255,086
Withdrawable shares	943,412	997,971	1,068,297	1,047,024	1,090,378	1,582,012
Statutory reserves	15,835	17,975	4,923	279	91	91
Other reserves (b)	40,020	52,476	82,950	105,322	136,983	198,400
Deposits	2,681,199	3,284,489	3,603,498	3,384,579	3,868,913	4,453,272
Loans	186,286	109,738	246,336	368,637	498,312	927,431
Other liabilities	35,181	38,192	34,766	52,332	86,360	188,724
Total liabilities	3,941,543	4,562,884	5,123,044	5,062,916	5,819,970	7,605,016

TABLE 9.7 PERMANENT BUILDING SOCIETIES, VICTORIA - *continued*

Particulars	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
Assets -						
Amounts owing on loans	2,585,541	3,363,614	3,671,116	3,565,737	4,077,117	5,900,647
Cash on hand	10,505	10,097	11,976	10,718	9,336	17,378
Deposits with banks	115,412	165,283	382,031	145,236	157,221	349,060
Deposits with other institutions	122,989	74,103	66,998	107,049	90,005	57,939
Bills, bonds, and other securities	994,602	825,393	823,370	1,057,007	1,305,654	1,067,569
Accounts receivable	21,097	10,633	30,777	38,353	32,303	43,907
Physical and other assets	91,397	113,761	136,776	138,816	148,334	168,516
Total assets	3,941,543	4,562,884	5,123,044	5,062,916	5,819,970	7,605,016

(a) At the balance dates of societies within the financial year shown.

(b) Includes accumulated surpluses and deficits.

TABLE 9.8 CREDIT CO-OPERATIVES SELECTED STATISTICS, VICTORIA AND AUSTRALIA

	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
Number of credit co-ops -						
Victoria	172	159	144	128	124	123
Australia	549	531	493	453	434	419
Number of members at end of year -						
Victoria	413,242	437,115	468,871	501,396	517,254	542,891
Australia	1,824,286	1,971,146	2,147,189	2,311,228	2,432,531	2,453,713
Paid up capital at end of year (\$'000) -						
Victoria	3,831	4,075	4,444	4,830	6,051	6,404
Australia	15,493	16,787	18,208	19,450	21,641	26,169
Deposits at end of year (\$'000) -						
Victoria	867,662	983,040	1,149,600	1,257,759	1,364,823	1,562,415
Australia	3,391,768	4,099,601	5,063,850	6,070,212	6,819,128	6,708,889
Loans to members outstanding at end of year (\$'000) -						
Victoria	632,511	754,176	926,722	1,097,711	1,189,985	1,272,184
Australia	2,696,471	3,464,738	4,422,295	5,333,532	5,996,954	5,664,519

TABLE 9.9 AUSTRALIAN STOCK EXCHANGE INDICES (a)

Group	June 1987	Dec. 1987	June 1988	Dec. 1988	June 1989	Dec. 1989	June 1990
All Ordinaries	1,764.1	1,318.9	1,555.0	1,487.2	1,521.0	1,649.9	1,500.7
All Industrials	2,605.2	1,980.0	2,485.4	2,477.4	2,476.8	2,586.6	2,367.3
All Resources	1,122.8	805.5	850.9	746.5	801.7	936.3	842.8
50 Leaders	1,555.6	1,216.4	1,443.0	1,385.2	1,454.7	834.6	1,462.8
Metals and Minerals	1,029.5	790.7	780.7	676.8	690.5	1,589.5	715.5
Gold (b)	2,826.1	2,156.0	1,851.7	1,468.4	1,438.0	1,748.3	1,247.0

(a) All Ordinaries - base 500.0 points at 1 January 1980.

(b) Gold Index - base 500.0 points at 1 January 1985.

Source: Stock Exchange of Melbourne Limited.

REFERENCES

Data sources

The financial transactions of the Victorian Government are itemised in the accounts of the State Consolidated Fund and in Trust Funds. A detailed analysis and classification is made of these accounts as published in the annual budget papers, Treasurer's Statement, and report of the Auditor-General. The remaining statutory bodies and other publicly owned or controlled organisations maintain accounts entirely, or largely, separate from the public accounts, although there may be transactions between them and State governments (such as advances and capital contributions, interest and dividends, and votes for running expenses and capital works) which affect the public accounts. The accounting reports of the group of organisations are collected and analysed in order to present a complete statement of the transactions of State Government enterprises.

Local Government Finance statistics for Victoria are collected jointly with the Victorian Grants Commission. Since 1979-80 these statistics have been collected using the system Standardised Local Government Finance Statistics (SLGFS). This system is designed to enable direct comparison of local government finance statistics both within and between States. For details of the concepts and principles used to produce this system refer to *Standardised Local Government Finance Statistics, Australia* (1212.0).

Following the introduction of new reporting forms under the *Banking Act* in January 1989, the Reserve Bank of Australia took over sole responsibility for processing banking statistics. In 1976 a statistical collection was introduced covering the financial accounts of permanent building societies in all States and Territories. Credit union annual financial account statistics have been collected by the ABS since the year 1974-75.

ABS publications

Government Financial Estimates, Australia (5501.0)

Local Government Finance, Victoria (5501.2)

Commonwealth Government Finance (5502.0)

Taxation Revenue, Australia (5506.0)

Expenditure on Education, Australia (5510.0)

Public Authority Pension and Superannuation Schemes, Australia (5511.0)

Housing Finance for Owner Occupation, Australia (5609.0)

Credit Co-operatives: Assets, Liabilities, Income and Expenditure, Australia (5618.0)

Permanent Building Societies: Assets, Liabilities, Income and Expenditure, Australia (5632.0)

10 Construction



INTRODUCTION

In May 1989 there were 163,500 persons employed in the construction industry in Victoria, a 55 per cent increase over the 105,300 employed in May 1984. Persons employed in the Victorian construction industry accounted for 27.5 per cent of the national construction industry total of 594,800 in May 1989. This represented an increase over the 24.3 per cent contribution by the Victorian construction industry in May 1984.

In May 1989 persons employed in the Victorian construction industry accounted for 8.0 per cent of persons employed in all Victorian industries, compared with 6.1 per cent in May 1984.

Construction industry activity

A survey of Construction Industry Activity was conducted in respect of the 1988-89 financial year. Some results from that Survey are shown in the first three tables of this chapter.

At 30 June 1989 an estimated 28,340 private sector construction establishments were operating in Victoria, constituting 29.3 per cent of the Australian total. Approximately three-quarters (75.4 per cent) of Victoria's construction establishments were engaged primarily in special trade construction, while the remaining 24.6 per cent were engaged primarily in general construction. Of the 6,985 general construction establishments, 86.2 per cent were engaged in building construction. Within the building construction category, 80.5 per cent were engaged in residential building construction.

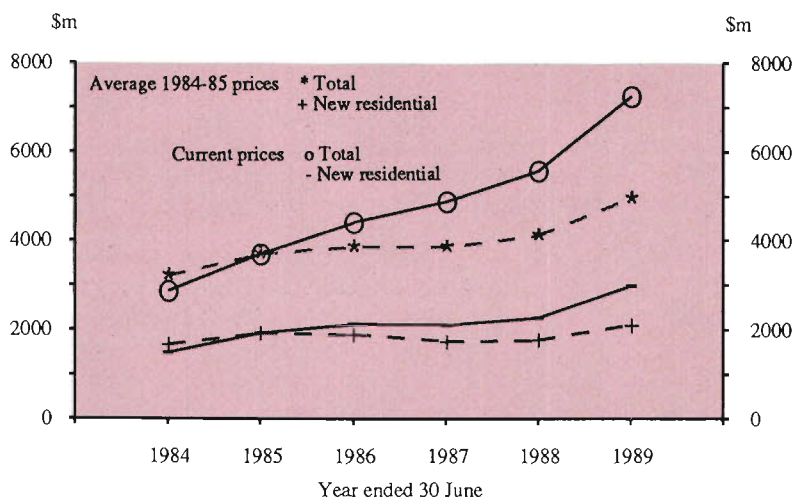
Building construction

At current prices the value of building work done in Victoria during 1988-89 (\$7,263.4m) represented 80.0 per cent of the value of all construction work done in Victoria. The value of building work done represented a 30.0 per cent increase over the previous year, and constituted 26.5 per cent of the total value of building work done in Australia during 1988-89. Between 1983-84 and 1988-89, Victoria's share of the value of building work done in Australia increased from 25.2 per cent to 26.5 per cent.

Non-residential building

The commercial sector of non-residential building (i.e. hotels, shops, factories, offices, and other business premises) accounted for 43.3 per cent (\$2,858.3m) of the value of all building work completed in Victoria during 1988-89, with office construction being the largest component of this commercial sector activity. Building for community purposes accounted for 7.0 per cent of the value of building construction, with the largest component being building for education purposes.

VALUE OF BUILDING WORK DONE, VICTORIA



In the commercial sector, the value of shops completed increased by 11.9 per cent between 1987-88 and 1988-89 (from \$360.9m to \$403.8m) while the value of factories completed increased by 100.6 per cent (from \$406.9m to \$816.3m). The value of other business premises completed increased by 56.4 per cent, while the value of offices completed increased by 38.3 per cent. The value of hotels completed increased by 203.8 per cent, from \$79.5m to \$241.5m.

In the community sector, the value of buildings completed for entertainment and recreation purposes decreased by 57.0 per cent while the value of buildings completed for educational purposes increased, by 31.4 per cent. The value of buildings completed for religious purposes increased by 10.8 per cent. Buildings completed for health purposes decreased by 29.2 per cent.

These changes in value of work done reflect not only changes in building activity but also increases in the cost of building due to inflation. It should also be noted that in any period where there are appreciable increases or decreases in the value of buildings completed for industrial, commercial, business, health, etc. purposes, this movement can be attributed, to some extent, to the completion of large-scale projects.

Residential building

Residential building (including alterations and additions) accounted for 48.5 per cent of the value of all building construction during 1988-89. Residential building's share of the value of all building work done varied widely between 1983-84 and 1988-89, with a peak of 61.6 per cent in 1984-85 and a low point of 48.5 per cent in 1988-89.

New house completions accounted for 75.6 per cent of the value of residential building work completed during 1988-89 while new 'other residential building' completions and 'alterations and additions' accounted for 9.3 per cent and 15.1 per cent respectively.

The number of new residential buildings completed during 1988-89 was 34,910, an increase of 7.4 per cent over the previous year. Of these 34,910 buildings, 87.5 per cent were houses. Private sector

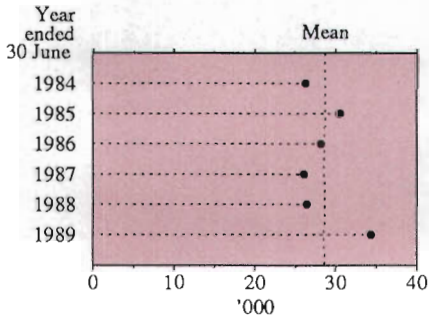
activity accounted for at least 90 per cent of the number of new residential buildings completed each year from 1983-84 to 1988-89, ranging from a high of 95.1 per cent in 1987-88 to a low of 90.2 per cent in 1983-84. During 1988-89, private sector activity accounted for 95.1 per cent of all new residential buildings completed.

House commencements and housing loans

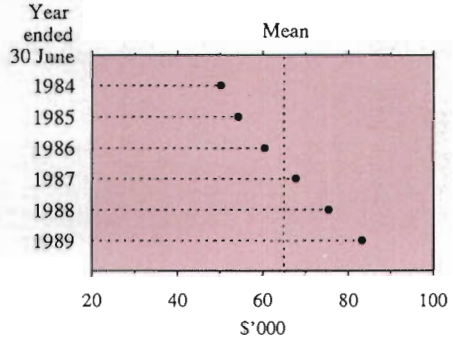
During 1988-89 there were 35,180 houses commenced in Victoria, which represented an increase of 28.4 per cent over the previous year. The number of houses commenced each year between 1983-84 and 1988-89 followed a similar pattern to the number of housing loans approved.

At current prices the value of housing loans approved during 1988-89 was \$6,166m. This was a 16.9 per cent increase over the 1987-88 level and represented a 162.0 per cent increase over 1983-84, when the value of loans approved was \$2.852m. Savings banks accounted for 75.0 per cent of the value of loans approved in 1988-89, a decrease from the 84.8 per cent in 1986-87, but an increase over the 61.2 per cent recorded in 1983-84.

NUMBER OF NEW HOUSES COMMENCED, VICTORIA



AVERAGE VALUE PER NEW PRIVATE SECTOR HOUSE COMMENCED, VICTORIA



VALUE OF HOUSING LOANS (OF ALL TYPES) APPROVED, VICTORIA

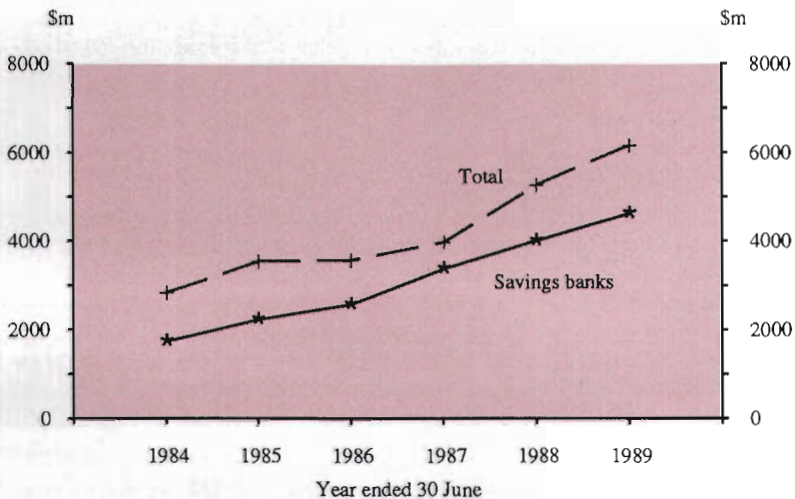


TABLE 10.1 PRIVATE SECTOR CONSTRUCTION ESTABLISHMENTS, SUMMARY OF OPERATIONS BY INDUSTRY CLASS,
VICTORIA, 1988-89 (a)

Asic code	Industry Class	Establishments operating at 30 June 1989		Employment at 30 June 1989			Wages and Salaries \$'000	Turnover \$'000	Stocks		Purchases and selected expenses \$'000	Value added \$'000
		Vic. No.	Aust. No.	Males No.	Females No.	Persons No.			Opening \$'000	Closing \$'000		
	General construction -											
	Building construction -											
4111	House construction	4,385	13,785	8,580	3,381	11,962	152,010	2,110,368	232,199	390,542	882,231	536,972
4112	Residential building construction n.e.c.	464	1,770	1,031	355	1,386	23,750	246,234	37,180	51,421	95,4768	65,286
4113	Non-residential building construction	1,174	3,861	12,835	1,703	14,538	428,263	3,735,775	229,181	364,073	961,456	848,010
411	Total building construction	6,023	19,416	22,446	5,439	27,885	604,023	6,092,377	498,560	806,036	1,939,155	1,405,268
	Non-building construction -											
4121	Road and bridge construction	203	777	3,188	334	3,523	81,290	612,980	27,608	49,907	220,684	202,409
4122	Non-building construction n.e.c.	758	3,105	4,791	688	5,479	129,877	575,160	17,810	21,446	215,573	233,269
412	Total non-building construction	961	3,882	7,979	1,022	9,001	211,167	1,188,139	45,418	71,353	436,256	435,678
41	Total	6,984	23,298	30,425	6,462	36,887	815,191	7,280,516	543,978	877,389	2,375,411	1,885,947
	Special trade construction -											
4231	Concreting	1,371	4,056	3,885	1,062	4,946	86,945	499,193	7,412	12,157	224,531	200,285
4232	Bricklaying	2,158	7,507	4,752	1,062	5,815	63,867	219,416	2,777	2,839	26,679	161,607
4233	Roof tiling	196	1,431	814	158	972	17,503	87,715	1m726	1,819	40,927	31,710
4234	Floor and wall tiling	777	2,861	1,009	430	1,440	8,971	67,811	1,253	1,707	20,245	35,621
4241	Structural steel erection	269	1,178	1,276	155	1,430	49,719	112,950	5,423	3,568	20,426	79,248
4242	Plumbing	3,329	10,536	9,558	2,605	12,163	186,900	842,356	17,318	22,618	363,894	385,579
4243	Electrical work	2,499	8,311	8,819	2,328	11,147	189,667	722,158	17,254	21,483	314,557	335,406
4244	Heating and airconditioning	506	1,270	4,064	641	4,705	100,633	487,480	21,472	18,572	251,629	168,821
4245	Plastering and plaster fixing	1,402	4,438	3,976	964	4,939	61,229	292,818	5,587	8,597	111,502	133,012
4246	Carpentry	3,774	12,455	6,510	1,956	8,467	74,709	335,953	6,282	8,683	70,509	211,464
4247	Painting	2,284	8,769	5,341	1,125	6,466	76,560	291,066	3,886	4,348	44,951	185,420
4248	Earthmoving and dredging	991	4,427	2,413	740	3,153	53,760	301,228	6,445	4,426	61,477	149,323
4249	Special trades n.e.c.	1,799	6,063	6,158	1,375	7,534	146,606	586,843	12,977	20,906	176,918	299,604
42	Total	21,355	73,301	58,574	14,602	73,176	1,117,069	4,846,986	109,813	131,723	1,728,245	2,377,099
41-42	Total construction	28,339	96,600	89,000	21,063	110,063	1,932,259	12,127,501	653,791	1,009,112	4,103,656	4,263,046

(a) Fixed capital expenditure data not collected in 1988-89

TABLE 10.2 PRIVATE SECTOR CONSTRUCTION ESTABLISHMENTS: VALUE OF CONSTRUCTION WORK DONE (a) BY INDUSTRY CLASS AND BROAD COMMODITY, VICTORIA, 1988-89
(\$'000)

Industry	Building				Total construction work done		
	Houses	Other residential buildings	Non-residential building	Total building	Total non-building (b)	Victoria	Australia
Total general construction (41)	1,301,620	218,155	1,221,174	2,740,950	836,004	3,576,954	15,701,728
Special trade construction -							
Concreting (4231)	119,625	6,104	95,018	220,747	39,578	260,325	815,995
Bricklaying (4232)	83,270	7,108	30,116	120,494	3,462	123,956	434,845
Roof tiling (4233)	34,561	3,425	1,411	39,397	3,434	42,831	163,785
Floor and wall tiling (4234)	21,477	1,377	8,890	31,744	934	32,678	123,539
Structural steel erection (4241)	1,268	20	24,224	25,513	22,436	47,949	234,965
Plumbing (4242)	174,470	22,122	122,448	319,041	82,465	401,506	1,338,745
Electrical work (4243)	90,835	12,181	204,207	307,222	69,363	376,585	1,437,738
Heating and airconditioning (4244)	35,040	6,928	130,315	172,284	6,988	179,272	722,570
Plastering and plaster fixing (4245)	113,872	9,090	41,963	164,925	2,042	166,967	558,656
Carpentry (4246)	76,707	10,991	43,343	131,041	7,167	138,209	566,633
Painting (4247)	76,245	6,963	61,623	144,830	39,435	184,265	630,553
Earthmoving and dredging (4248)	23,185	502	26,601	50,288	143,460	193,748	876,126
Special trades n.e.c. (4249)	73,602	12,401	116,068	202,070	66,116	268,186	1,023,765
Total special trade construction (42)	924,157	99,212	906,226	1,929,596	486,881	2,416,477	8,927,917
Total construction (41-42)	2,225,778	317,368	2,127,400	4,670,546	1,322,885	5,993,431	24,629,645

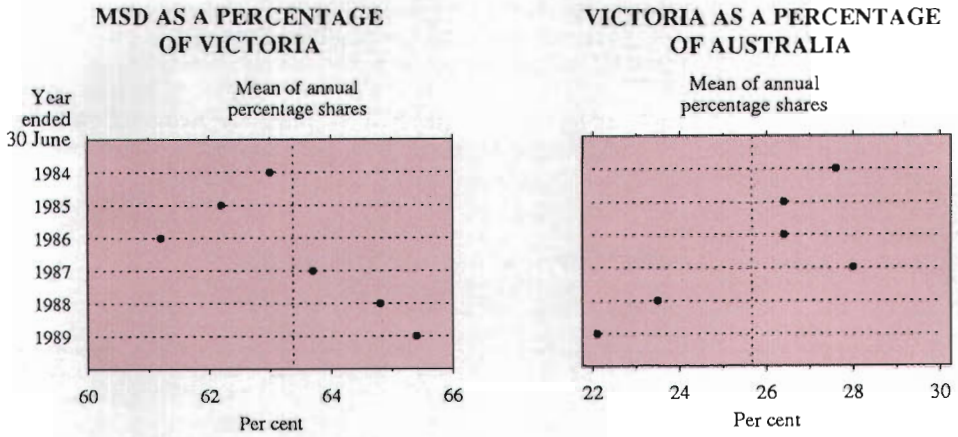
(a) Comprises prime and subcontract, speculative, and capital work done for own use.

(b) Comprises engineering construction, repairs, maintenance, and demolition.

TABLE 10.3 PUBLIC SECTOR ENTERPRISES: CONSTRUCTION AND MAINTENANCE EXPENDITURE (a) BY LEVEL OF GOVERNMENT, VICTORIA, 1988-89
(\$'000)

Level of government	Construction expenditure						Maintenance expenditure					
	Houses	Other residential buildings	Non-residential buildings	Engineering construction	Demolition	Total		Building maintenance	Road maintenance	Other maintenance	Total	
						Victoria	Australia				Victoria	Australia
Commonwealth	3,697	469	183,534	463,517	-	651,217	3,559,535	81,021	725	226,880	308,626	1,655,373
State	47,311	114,785	626,110	1,485,867	95	2,274,168	7,996,273	255,273	116,179	1,285,315	1,656,768	4,340,401
Local	971	2,368	77,188	272,790	24	353,341	1,750,751	25,463	189,771	23,509	238,743	1,264,969
Total	51,979	117,622	886,832	2,222,174	119	3,278,726	13,306,559	361,757	306,675	1,535,704	2,204,137	7,260,743

COMMENCEMENTS OF NEW RESIDENTIAL BUILDINGS



PERCENTAGE CONTRIBUTION OF STATISTICAL DIVISIONS TO TOTAL VICTORIAN NEW RESIDENTIAL BUILDING COMMENCEMENTS, 1983-84 TO 1988-89

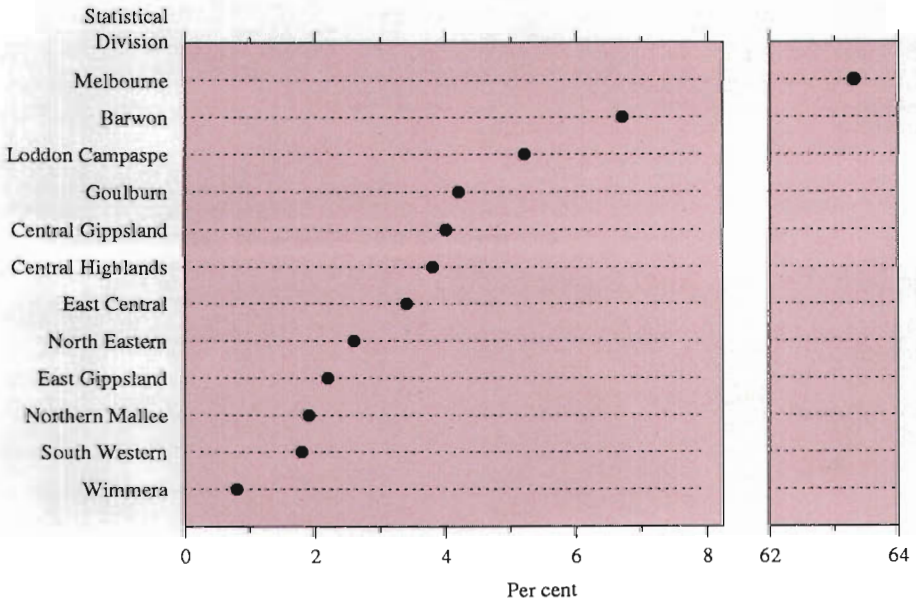
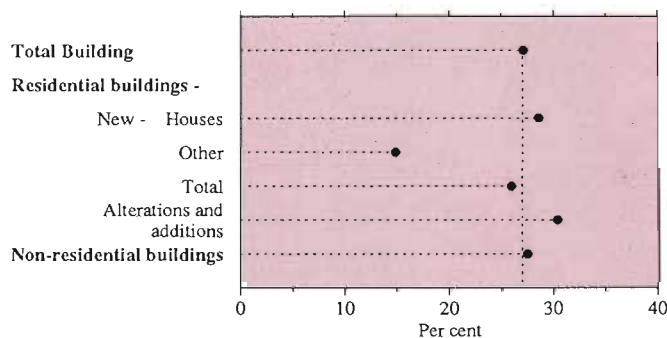


TABLE 10.5 VALUE OF BUILDING ACTIVITY COMPLETED-SUMMARY
(\$m)

	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89		Victoria as a percentage of Australia
	Victoria			Victoria		Australia		
New residential buildings -								
Houses	1,205.4	1,524.8	1,741.0	1,790.5	1,979.1	2,421.7	8,458.7	28.6
Other	176.2	223.8	292.7	292.9	253.7	297.9	2,001.4	14.9
Total	1,381.6	1,748.5	2,033.7	2,083.5	2,232.8	2,719.6	10,460.1	26.0
Alterations and additions to residential buildings	178.6	240.1	292.2	354.8	393.9	483.7	1,590.4	30.4
Non-residential building	997.5	1,240.7	(a)1,648.1	1,887.7	2,393.1	3,401.0	12,345.9	27.5
Total all building -								
Victoria	2,557.7	3,229.3	(a)3,974.1	4,326.0	5,019.9	6,604.3	24,396.4	27.1
Australia	10,268.5	12,605.5	(a)15,436.8	15,612.6	18,362.7	24,396.4	..	..
Victoria as a percentage of Australia	24.9	25.6	25.7	27.7	27.3	27.1	..	..

(a) Break in series between 1984-85 and 1985-86. Refer to data sources at end of Chapter.

VALUE OF BUILDING ACTIVITY COMPLETED, 1988-89: VICTORIA AS A PERCENTAGE OF AUSTRALIA



VALUE OF BUILDING ACTIVITY COMPLETED: VICTORIA AS A PERCENTAGE OF AUSTRALIA

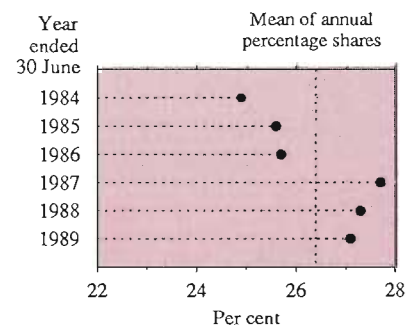


TABLE 10.6 VALUE OF BUILDINGS COMPLETED, CLASSIFIED BY TYPE, VICTORIA
(S'000)

<i>Type of building</i>	<i>1983-84</i>	<i>1984-85</i>	<i>1985-86</i>	<i>1986-87</i>	<i>1987-88</i>	<i>1988-89</i>
Houses	1,205,396	1,524,763	1,741,000	1,790,546	1,979,120	2,421,706
Other residential buildings	176,244	223,610	292,213	92,950	253,666	297,879
Alterations and additions to residential buildings	178,591	240,108	292,213	354,782	393,929	483,697
Hotels, guest houses, etc.	24,357	68,661	75,494	92,224	79,475	241,546
Shops	110,129	179,205	207,964	317,868	360,942	403,763
Factories	148,514	157,455	173,880	247,708	406,942	816,314
Offices	250,931	262,330	629,385	528,013	757,887	1,048,185
Other business premises	101,215	171,179	123,941	188,533	222,754	348,457
Education	132,203	108,954	177,289	208,533	225,846	296,765
Religious	9,280	6,669	10,110	14,199	12,986	14,360
Health	36,655	57,470	109,389	130,037	124,919	88,377
Entertainment and recreation	40,868	178,708	63,604	80,656	143,084	61,575
Miscellaneous	143,353	50,115	77,066	79,969	58,313	81,628
Total	2,557,736	3,229,225	3,974,083	4,326,017	5,019,862	6,604,253

TABLE 10.7 NUMBER OF NEW RESIDENTIAL BUILDINGS COMPLETED BY OWNERSHIP, VICTORIA

<i>Year</i>	<i>Private sector (a)</i>			<i>Public sector</i>			<i>Total Number</i>	<i>Private sector as a percentage of total</i>
	<i>Houses</i>	<i>Other</i>	<i>Total</i>	<i>Houses</i>	<i>Other</i>	<i>Total</i>		
1983-84	23,330	4,477	27,810	2,472	553	3,025	30,830	90.2
1984-85	27,860	5,544	33,410	1,789	310	2,099	35,510	94.1
1985-86	28,130	6,034	34,170	1,833	465	2,298	36,470	93.7
1986-87	26,100	5,436	31,540	1,607	563	2,170	33,710	93.6
1987-88	26,170	4,398	30,570	1,499	415	1,914	32,490	94.1
1988-89	29,630	3,579	33,210	906	798	1,704	34,910	95.1

(a) Houses and total residential buildings for the Private Sector are rounded to the nearest 10 units.

TABLE 10.8 NUMBER OF NEW HOUSES COMMENCED, CLASSIFIED BY MATERIAL OF OUTER WALLS, VICTORIA

<i>Year</i>	<i>Brick, concrete, and stone</i>	<i>Brick veneer</i>	<i>Timber</i>	<i>Fibre cement</i>	<i>Not stated and other</i>	<i>Total</i>
1983-84	1,359	20,285	2,067	1,292	3,901	28,904
1984-85	943	22,897	2,723	1,204	4,234	32,001
1985-86	1,170	19,797	2,613	1,141	5,469	30,190
1986-87	596	18,151	2,208	984	5,542	27,481
1987-88	567	17,856	1,916	838	6,879	28,056
1988-89	402	22,102	1,815	797	9,875	34,901

TABLE 10.9 NUMBER OF COMMENCEMENTS OF NEW RESIDENTIAL BUILDINGS BY TYPE OF BUILDING

<i>Year</i>	<i>Melbourne Statistical Division (MSD)</i>	<i>Victoria</i>	<i>MSD as a percentage of Victoria</i>	<i>Victoria as a percentage of Australia</i>
HOUSES				
1983-84	17,896	28,904	61.9	26.1
1984-85	19,502	32,001	60.9	27.4
1985-86	18,205	30,190	60.3	28.5
1986-87	17,144	27,482	62.4	30.8
1987-88	17,968	28,103	63.9	26.2
1988-89	22,516	34,901	64.5	26.6
OTHER				
1983-84	3,993	5,829	68.5	16.9
1984-85	4,843	7,121	68.0	21.7
1985-86	3,796	5,783	65.6	19.3
1986-87	3,407	4,798	71.0	18.3
1987-88	3,106	4,442	69.9	14.3
1988-89	2,569	3,473	74.0	8.1
TOTAL				
1983-84	21,889	34,733	63.0	27.6
1984-85	24,345	39,122	62.2	26.4
1985-86	22,001	35,973	61.2	26.4
1986-87	20,551	32,280	63.7	28.0
1987-88	21,074	32,545	64.8	23.5
1988-89	25,085	38,374	65.4	22.1

NUMBER OF NEW RESIDENTIAL BUILDINGS COMMENCED

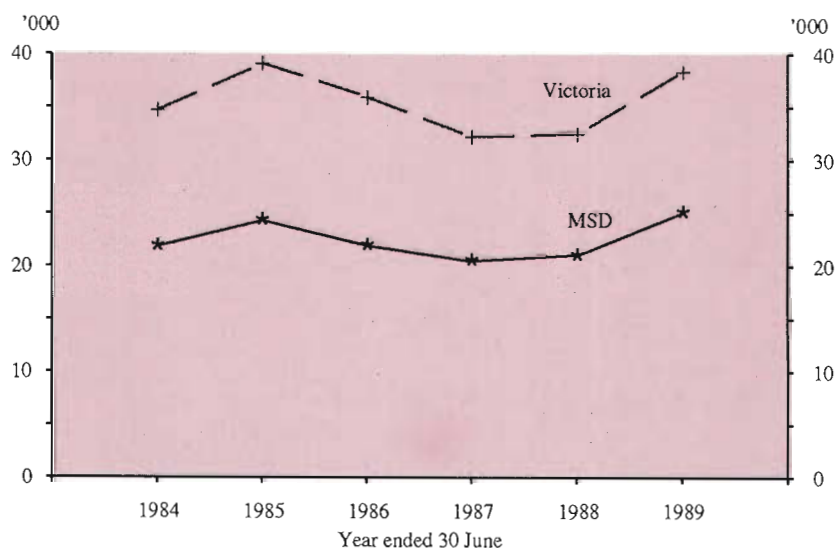


TABLE 10.10 COMMENCEMENTS OF NEW RESIDENTIAL BUILDINGS, STATISTICAL REGIONS OF MELBOURNE STATISTICAL DIVISION

<i>Statistical region</i>	<i>1983-84</i>	<i>1984-85</i>	<i>1985-86</i>	<i>1986-87</i>	<i>1987-88</i>	<i>1988-89</i>
NUMBER						
Western Melbourne	4,814	5,611	5,013	4,756	4,580	5,811
Inner Melbourne	452	682	612	566	669	505
North Eastern Melbourne	2,534	2,642	2,559	2,307	2,560	3,261
Inner Eastern Melbourne	2,529	2,491	2,183	2,027	2,303	2,323
Southern Melbourne	1,068	1,175	1,079	1,022	1,086	1,268
Outer Eastern Melbourne	3,748	4,285	3,885	3,489	3,516	3,621
Mornington Peninsula	6,744	7,459	6,670	6,384	6,360	8,296
Total Melbourne Statistical Division	21,889	24,345	22,001	20,551	21,074	25,085
PERCENTAGE OF MELBOURNE STATISTICAL DIVISION						
Western Melbourne	22.0	23.0	22.8	23.1	21.7	23.2
Inner Melbourne	2.1	2.8	2.8	2.8	3.2	2.0
North Eastern Melbourne	11.6	10.9	11.6	11.2	12.1	13.0
Inner Eastern Melbourne	11.6	10.2	9.9	9.9	10.9	9.3
Southern Melbourne	4.9	4.8	4.9	5.0	5.2	5.1
Outer Eastern Melbourne	17.1	17.6	17.7	17.0	16.7	14.4
Mornington Peninsula	30.8	30.6	30.3	31.1	30.2	33.1
Total Melbourne Statistical Division	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 10.11 HOUSING LOANS APPROVED BY TYPE OF LENDER, VICTORIA

<i>Year</i>	<i>Savings banks</i>	<i>Permanent building societies</i>	<i>Trading banks</i>	<i>Other lenders</i>	<i>Total</i>
NUMBER					
1983-84	59,704	18,668	5,563	6,473	90,408
1984-85 (a)	63,549	17,527	6,048	5,177	92,301
1985-86 (b)	66,456	7,644	7,054	5,811	86,965
1986-87 (b)	72,460	4,431	3,539	3,756	84,156
1987-88	75,007	10,882	4,541	5,081	95,511
1988-89	71,000	9,396	6,061	5,858	92,315
VALUE (\$m)					
1983-84	1,744	755	146	206	2,852
1984-85 (a)	2,234	846	259	209	3,548
1985-86 (b)	2,574	386	333	279	3,572
1986-87 (b)	3,376	230	203	174	3,982
1987-88	4,012	635	348	278	5,273
1988-89	4,625	646	986	409	6,166

(a) Break in series between 1983-84 and 1984-85.

(b) Breaks in series between 1984-85 and 1985-86, and 1985-86 and 1986-87.

Public housing

Under the Commonwealth - State Housing Agreement (CSHA), which came into effect on 1 July 1984, the Federal Government provides financial assistance to the States and Northern Territory for public housing programs.

Victoria was allocated \$164.5m in 1988-89, which represented a 1.4 per cent decrease from the previous year. Victoria's share of the CSHA funds distributed was 23.5 per cent in 1988-89, a slight decrease from the 23.8 per cent recorded in 1987-88.

The CSHA funds are provided in the form of untied grants (for rental housing and home purchase assistance) and in the form of grants for specific programs. During 1988-89, untied grants accounted for 82.7 per cent of Victoria's allocation, which was a slight reduction on the 84.5 per cent in 1987-88.

Home purchase assistance

During 1988-89, Victoria had 17.2 per cent of the loans approved in Australia under the Home Purchase Assistance Program (14.1 per cent in 1987-88). The average value of loans approved under the program in Victoria for 1988-89 was \$64,600, an increase of 19.9 per cent over 1987-88, whilst for Australia the average loan increased 27.7 per cent to \$57,600 over the same period. The ratio of the number of loan approvals per 1,000 people in Victoria for 1988-89 was 0.9 (0.5 in 1987-88) whilst for Australia the ratio was 1.4 (1.0 in 1987-88).

Rental housing assistance

Victoria's stock of public rental housing increased by 4.3 per cent between 1987-88 and 1988-89 - from 56,867 at 30 June 1988 to 59,285 at 30 June 1989. In 1988-89, Victoria accounted for 18.2 per cent of Australia's stock of public rental housing, 16.9 per cent of Australia's rental waiting list, 19.0 per cent of Australia's new applicants for public rental housing, and 18.8 per cent of Australia's allocations of public rental housing.

TABLE 10.12 ALLOCATION OF COMMONWEALTH FUNDS
(\$'000)

Program	Victoria		Australia	
	1987-88	1988-89	1987-88	1988-89
Untied funds	141,004	135,989	550,000	530,600
Rental assistance for pensioners	8,560	8,794	37,500	37,500
Rental assistance for Aboriginals	3,417	3,417	60,000	70,000
Mortgage and rent relief	6,623	6,949	25,000	26,400
Crisis accommodation	4,092	5,131	15,500	19,500
Local government and community housing	3,156	4,200	12,000	16,000
Total	166,852	164,480	700,000	700,000

Source: Commonwealth Department of Community Services and Health.

TABLE 10.13 HOME PURCHASE ASSISTANCE PERFORMANCE INDICATORS,
VICTORIA, 1988-89

Item	Unit	
Loans current at end of period	number	52,545
Ratio - loans : 1,000 people	"	12.2
Loans approved	"	4,102
Ratio - approvals : 1,000 people	"	0.9
Total amount	\$'000	265,000
Average loan	\$'000	64.6
Loan waiting list	number	31,983
Ratio - applications : 1,000 people	"	7.4
Approvals : waiting list	per cent	12.8

Source: Commonwealth Department of Community Services and Health.

TABLE 10.14 PUBLIC RENTAL HOUSING PERFORMANCE INDICATORS, 1988-89

Item	Unit	Victoria	Australia
Stock	number	59,285	325,981
Ratio - dwellings : 1,000 people	"	13.7	19.7
Rental waiting list	"	31,806	197,407
Ratio - applications : 1,000 people	"	7.4	11.9
New applicants	"	21,903	115,051
Ratio - applicants : 1,000 people	"	5.1	6.9
Allocations	"	8,881	47,165
Allocations: new applicants	per cent	40.5	41.0
Allocations: waiting list	"	27.9	23.9

Source: Department of Community Services and Health.

Engineering construction

The Engineering Construction Survey was first conducted in respect of the September Quarter 1986, replacing the Construction (Other than Building) Survey as a medium for measuring the level of Non-Building (Engineering) Construction activity within the Construction sector.

During 1988-89, the value (at current prices) of engineering construction work done was \$1,814.7m, of which 52.5 per cent (\$953.4m) was done by the public sector. Construction of roads, highways, and subdivisions accounted for 28.6 per cent of the value of work done, telecommunications for 23.7 per cent, heavy industry for 13.0 per cent, and electricity generation, transmission, and distribution for 10.8 per cent.

TABLE 10.15 VALUE OF ENGINEERING CONSTRUCTION BY TYPE, 1988-89

Type of construction	Commenced		Work done		Work yet to be done
	Victoria (\$m)	Victoria (\$m)	Australia (\$m)	Victoria as a percentage of Australia	Victoria (\$m)
Roads, highways, and subdivisions	511.2	519.4	2,810.5	18.5	486.4
Bridges	39.5	45.1	170.2	26.5	60.2
Railways	20.8	28.7	156.9	18.3	109.5
Harbours	3.8	13.9	116.7	11.9	16.4
Water storage and supply	90.0	74.9	556.7	13.5	178.3
Sewerage and drainage	97.2	144.2	561.8	25.7	495.7
Electricity generation, transmission, and distribution	131.4	195.6	1,147.8	17.0	824.1
Pipelines	74.0	65.3	184.9	35.3	39.6
Recreation	49.2	54.2	303.1	17.9	31.1
Telecommunications	429.4	430.9	1,842.5	23.4	10.3
Heavy industry	228.5	236.7	1,389.9	17.0	415.5
Other	3.9	5.6	45.3	12.4	5.7
Total of all construction -					
By private sector	760.4	861.2	4,542.8	19.0	1,643.5
By public sector	918.5	953.4	4,743.4	20.1	1,029.1
Total	1,678.9	1,814.7	9,286.3	19.5	2,672.7

REFERENCES

Data sources

The Construction Industry Survey (CIS) consisted of separate collections for the private and public sectors. The private sector collection was conducted as a component of the ABS's integrated economic statistics program. This program has been developed so that data from each industry sector conform to the same basic conceptual standards, thereby allowing comparative analysis across different industry sectors. The results of this survey are therefore comparable with economic censuses undertaken annually for the mining and electricity and gas industries and periodically for the transport, manufacturing, wholesale, retail, and selected service industries. However, as the public sector collection used different concepts, the public sector results cannot validly be aggregated with those for the private sector.

The Building Activity Survey involves a sample survey of private sector house construction activity and complete enumeration of building jobs other than private sector house construction. From the September quarter in 1985, the scope of the Building Activity Survey changed in respect of non-residential building activity. Only non-residential building jobs (both new and alterations and additions) with an approval value of \$30,000 or more are now included in the survey, whereas previously, jobs with an approval value of \$10,000 or more were included. The building commencements collection is based on building permits issued by local government authorities, and contracts let by or day labour work authorised by Commonwealth, State, semi-government, and local government authorities.

The quarterly Engineering Construction Survey is based on a sample of all construction enterprises operating in Australia, in both private and public sectors. The survey aims to measure the value of all engineering construction work undertaken in Victoria. For the Engineering Construction Survey, all enterprises recorded on the ABS central register of economic units and classified to the construction industry, and all other units known to be undertaking engineering construction work (from trade journals, newspapers, etc.) are included in the survey framework.

ABS publications

Housing Finance for Owner Occupation, Australia (5609.0)

The Labour Force, Victoria (6202.2)

The Labour Force, Australia (6203.0)

Dwelling Unit Commencements Reported by Approving Authorities, Victoria (8741.2)

Building Activity, Australia: Dwelling Unit Commencements, Preliminary (8750.0)

Building Activity, Australia (8752.0)

Building Activity, Victoria (8752.2)

Engineering Construction, Australia (8762.0)

Private Sector Construction Establishments, Details of Operations, Australia, 1984-85 (8772.0)

Private Sector Construction Establishments, Details of Operations, Victoria, 1984-85 (8772.2)

Public Sector Construction Activity Survey, 1984-85 (8775.0)

Non - ABS sources

Commonwealth Department of Community Services and Health, Annual Report, 1988-89

11 Transport and Communication



TRANSPORT

INTRODUCTION

In 1988-89 the Transport, storage, and communication industry sector contributed 7.8 per cent of the total Victorian Gross Domestic Product (GDP) at factor cost. The contribution of this sector has remained relatively stationary since 1983-84.

In 1988-89, Victoria's percentage share of the national GDP at factor cost for the Transport, storage, and communication industry sector was 25.0 per cent. There has been a gradual increase from the 23.3 per cent recorded in 1983-84.

TABLE 11.1 TRANSPORT, STORAGE, AND COMMUNICATION INDUSTRY - GROSS DOMESTIC PRODUCT AT FACTOR COST

	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
Australia (\$m)	r14,834	r16,721	r18,460	r20,583	23,234	25,271
Victoria (\$m)	r3,459	r3,876	r4,370	r5,102	5,858	6,314
Victoria as a percentage of Australia	r23.3	r23.2	r23.7	r24.8	25.2	25.0

Metropolitan transport

Since 1983, the Metropolitan Transit Authority (MTA) has been responsible for the operations of the Melbourne metropolitan public transport system which utilises trains, trams, and buses. In 1988-89, the total number of vehicles in use had increased by 83 from the 1986-87 figure of 2078; the number of passengers had increased by 5.0 per cent to 306 million from the 1986-87 figure of 291 million, and

TABLE 11.2 METROPOLITAN TRANSIT AUTHORITY OPERATIONS AND SERVICES, VICTORIA

Particulars	1986-87	1987-88	1988-89
Vehicles in service -			
Rail (excluding trams)	162	146	152
Tram	627	620	633
Government bus	323	335	339
Private bus	966	1000	1,037
Total	2,078	2,101	2,161
Passengers - boarding (millions)	291	296	306
Fares revenue (\$m)	176	187	189
Subsidies provided by Victorian Government (\$m)	271	329	353
Net annual deficit (\$m)	48	69	108

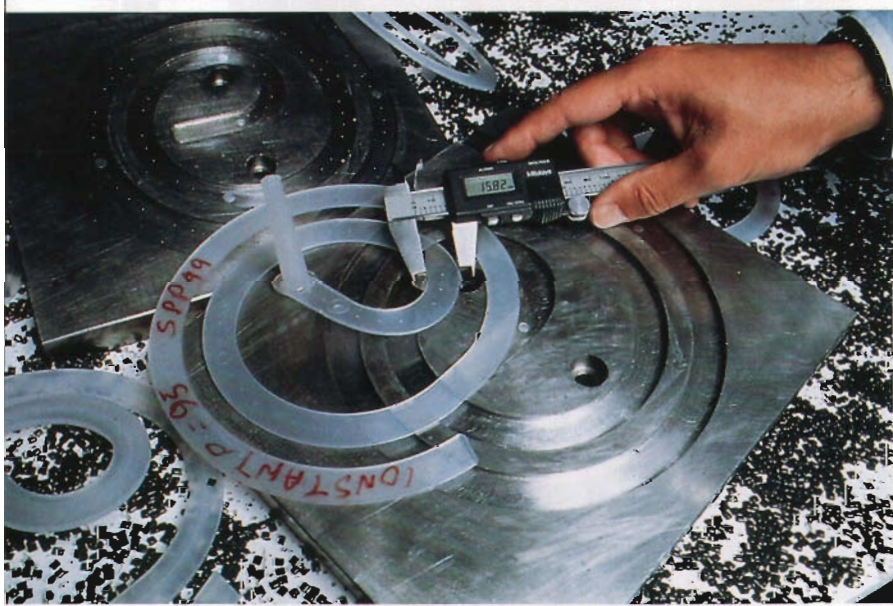
Source: Annual Reports of Melbourne Transit Authority



CONSTRUCTION

Above - Earthworks in progress for the Hume Highway bypass of Euroa.
(VicRoads)

Below - Construction work at the Monash Medical Centre extensions.
(Ministry of Housing and Construction)



TRANSPORT AND COMMUNICATION

Above - An acoustics testing laboratory.

Left - Computer software inspection control
(Department of Industry and Economic Planning)

Below - Locomotive N-46 on the Bendigo Passenger Train at Macedon.
(V/Line State Transport Authority)



fares revenue had increased by 7.0 per cent from \$176m in 1986-87 to \$189m. The net annual deficit in 1988-89 was \$108m, a 56.0 per cent increase on the \$69m in 1987-88.

Rail and Bus

Over the period 1983-84 to 1988-89, there was a 12.0 per cent decrease in the average number of kilometres open for rail traffic. Goods train traffic kilometres have also decreased, with the 1988-89 number (5.8m) being 37.0 per cent less than in 1983-84 (9.2m). The number of suburban passenger journeys increased steadily from 83.5 million in 1983-84 to 93.5 million in 1988-89. Country and interstate passenger journeys have fluctuated in number over the period but at 5.8 million in 1988-89 they were 47.4 per cent more than in 1983-84 (4.0 million).

TABLE 11.3 RAILWAYS TRAFFIC, EXCLUDING ROAD MOTOR SERVICES, VICTORIA

Traffic	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
Average number of kilometres open for traffic	5,760	5,760	5,372	5,257	5,150	5,047
						(000)
Traffic train kilometres -						
Country and interstate	7,552	7,047	7,857	7,507	7,045	7,225
Suburban	14,483	13,983	14,200	13,600	13,800	13,800
Goods	9,170	9,258	7,752	7,292	6,590	5,801
Total	31,205	30,288	29,809	28,399	27,435	26,826
Passenger journeys -						
Country and interstate	3,952	4,293	4,963	5,222	5,478	5,825
Suburban (a)	83,500	86,300	89,300	92,600	88,609	93,500
Total	87,452	90,593	94,263	97,822	94,087	99,325

(a) These figures exclude suburban rail journeys made on multi-modal tickets purchased on trams or buses.

Source: Ministry of Transport, Victoria.

TABLE 11.4 COUNTRY AND PROVINCIAL ROAD PASSENGER SERVICES, VICTORIA
(000)

Particulars	1986-87	1987-88	1988-89
PRIVATE BUS SERVICES			
Country services -			
Passengers	3,763	3,852	3,938
Bus kilometres	8,565	8,968	8,744
Revenue (\$)	4,858	4,789	5,067
Subsidy (\$)	3,280	3,447	3,706
Urban services (a) -			
Passengers	7,410	8,382	8,497
Bus kilometres	5,719	5,837	5,764
Revenue (\$)	3,927	3,808	3,376
Subsidy (\$)	7,550	7,735	8,863
CONTRACT SERVICES			
Passengers	428	512	459
Bus kilometres	4,043	n.a.	4,302
Contract costs (\$)	3,909	4,419	5,117

(a) Covers the Geelong, Ballarat, Bendigo, and La Trobe Valley areas.

Metropolitan Melbourne is served by both Government and private buses. From 1 July 1983, bus services in Victorian country areas and provincial centres came under the control of the State Transport Authority (V/Line). The services are operated by private bus companies, some of which are under contract to V/Line to provide coach services connecting with or extending the rail network.

TABLE 11.5 ROAD CONSTRUCTION AUTHORITY, EXPENDITURE ON ROADS AND BRIDGES, VICTORIA (a)
(S'000)

Particulars	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
State highways -						
Construction	73,475	78,633	81,065	74,527	82,716	94,195
Maintenance	33,669	33,427	36,921	37,107	41,565	49,910
Freeways -						
Construction	80,310	94,571	114,498	123,696	100,452	111,283
Maintenance	8,051	8,627	7,474	10,619	11,933	15,142
Main roads -	48,197	53,675	55,873	51,865	51,642	59,813
Construction						
Maintenance	26,141	27,845	28,850	30,969	35,285	39,030
Unclassified roads -						
Construction	59,225	58,556	60,344	53,578	59,724	48,629
Maintenance	12,957	13,315	15,558	10,198	10,313	12,460
Tourist roads -						
Construction	6,024	4,962	6,184	6,155	3,556	2,560
Maintenance	3,891	4,225	3,996	4,870	5,078	6,110
Forest roads -						
Construction	1,306	1,358	1,378	1,189	1,423	1,414
Maintenance	1,725	1,828	1,981	2,163	2,351	2,528
Rail-over road bridge protection		-	-	-	-	-
Traffic Facilities Program-works expenditure	12,644	14,340	12,953	14,743	7,635	7,515
Murray River bridges and punts	514	758	142	527	474	653
Traffic line marking	3,833	3,852	4,023	3,514	4,411	6,797
Wage Pause Employment Program	1,209	31	-	-	-	-
Metropolitan street name signing	-	1	476	703	189	-
Commonwealth Employment Program	-	78	124	260	-	-
Total construction	268,537	291,755	319,342	311,010	299,513	317,894
Total maintenance	86,434	89,267	94,780	95,926	106,525	125,180
Total other	18,200	19,060	17,718	19,747	12,709	14,965
Total expenditure-works	373,171	400,082	431,840	426,683	418,747	458,039

(a) Expenditure 1986-87 is on an accrual basis of accounting while previous years are on a/cash basis.

Motor Vehicles on Register

There were 2,585,200 motor vehicles on register in Victoria at 30 June 1989, a 10.4 per cent increase on the 2,341,800 at 30 June 1984. The greatest proportionate increases were in rigid trucks and utilities, with increases of 22.6 and 9.9 per cent, respectively. Between 1984 and 1989 the most significant decrease was in panel vans; from 60,400 in 1985 to 49,106 in 1989, a decrease of 18.7 per cent. As a proportion of the Australian total of motor vehicles on register, the Victorian component decreased from 26.5 per cent in 1984 to 22.5 per cent in 1989.

TABLE 11.6 MOTOR VEHICLES ON REGISTER AT 30 JUNE
(^{'000})

Type of vehicle	1984	1985	1986	1987	1988	1989
Motor cars and station wagons	1,859.7	1,936.8	1,972.9	2,010.2	2,064.7	2,076.2
Utilities	133.4	137.8	139.2	142.8	145.4	146.2
Panel vans	60.4	59.0	56.0	57.4	51.5	49.1
Trucks -						
Rigid	168.5	181.1	187.0	193.1	201.7	206.5
Articulated	12.5	13.0	13.3	13.7	13.8	13.1
Other truck type vehicles	12.6	13.0	12.9	13.6	13.7	11.7
Buses	12.9	13.5	13.8	14.1	14.3	13.9
Motor cycles	81.7	83.4	81.8	84.5	70.1	68.1
Total - Victoria	2,341.8	2,437.7	2,476.8	2,529.4	2,575.2	2,585.2
Total - Australia	8,832.8	9,118.3	9,290.5	9,374.3	9,544.4	11,485.3
Victoria as a percentage of Australia	26.5	26.7	26.7	27.0	26.9	22.5

Drivers' and Riders' Licences

There were 149,454 riders' licences in force at the end of June 1990, an increase of 33 per cent on the 112,532 at the end of June 1985. Motor cycles on register at the end of June 1989 were 68,100 in number, which represented a decrease of 17.0 per cent on the 1984 figure of 81,700. In contrast, drivers' licences in force at the end of June 1990 numbered 2,725,835, an increase of 16.5 per cent on the 2,338,907 in 1984. Motor vehicles (excluding motor cycles) on register increased by 11.4 per cent from 2,260,100 in 1984 to 2,517,100 in 1989.

TABLE 11.7 DRIVERS' AND RIDERS' LICENCES (a) IN FORCE AT 30 JUNE, VICTORIA

Type of Licence	1985	1986	1987	1988	1989	1990
Drivers'	2,338,907	2,390,888	2,472,057	2,566,312	2,650,700	2,725,835
Riders'	112,532	109,557	118,301	130,394	140,612	149,454
Total	2,451,439	2,500,445	2,590,358	2,696,706	2,791,312	2,875,289

(a) A licence holder may hold both a drivers' and a riders' licence and be counted in both categories.

TABLE 11.8 ROAD TRAFFIC ACCIDENTS INVOLVING CASUALTIES, NUMBER OF PERSONS KILLED OR INJURED, VICTORIA

Period	Fatal accidents	Total accidents(a)	Persons killed	Persons injured(b)	Per 100,000 of mean population			
					Fatal accidents	Injury accidents	Persons killed	Persons injured(b)
1983	610	6,884	664	8,039	15.1	155.4	16.5	199.2
1984	584	6,965	657	8,264	14.3	156.5	16.1	202.6
1985	605	7,221	683	8,642	14.7	160.5	16.6	209.7
1986	610	7,348	668	8,866	14.7	161.9	16.1	213.1
1987	626	8,246	705	9,892	14.9	181.1	16.8	235.0
1988	627	8,427	701	10,333	14.7	183.0	16.4	242.4

(a) Resulting in death or in one or more injured persons being admitted to hospital.

(b) Admitted to hospital.

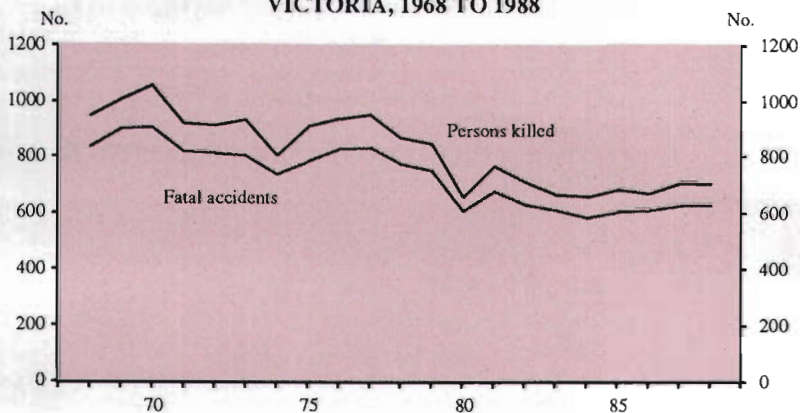
TABLE 11.9 ROAD TRAFFIC ACCIDENTS INVOLVING CASUALTIES, VICTORIA AS A PERCENTAGE OF AUSTRALIA

<i>Particulars</i>	1986	1987	1988
Accidents - Fatal	23.7	25.2	24.4
Serious injury (a)	29.7	33.1	34.2
Casualties - Persons killed	23.1	25.4	24.3
Persons admitted to hospital	30.4	33.3	34.8
Estimated mean resident population	26.0	25.9	25.7
Motor vehicles on register at 30 June	26.7	27.0	26.9

(a) A non-fatal road vehicle accident resulting in one or more persons being admitted to hospital.

TABLE 11.10 ROAD TRAFFIC ACCIDENTS INVOLVING CASUALTIES, TYPE OF ROAD USER KILLED OR INJURED, VICTORIA

<i>Type of road user</i>	1986		1987		1988	
	<i>Killed</i>	<i>Injured</i>	<i>Killed</i>	<i>Injured</i>	<i>Killed</i>	<i>Injured</i>
Drivers of motor vehicles	280	3,759	309	4,301	284	4,546
Motor cyclists	67	909	64	1,027	58	928
Passengers (any type)	165	2,658	170	2,789	187	3,012
Pedestrians	139	1,095	136	1,159	154	1,194
Pedal cyclists	16	400	25	549	17	602
Other	1	45	1	67	1	51
Total	668	8,866	705	9,892	701	10,333

**FATAL ROAD TRAFFIC ACCIDENTS AND PERSONS KILLED
VICTORIA, 1968 TO 1988**

Air transport

In 1989 there were 4.6 million passengers embarking and disembarking at Melbourne (Tullamarine) airport from 47,954 domestic aircraft movements. Because of the domestic airline pilots' dispute, the number of domestic passenger movements was down 23.4 per cent on the 1988 peak of 6.034 million while domestic aircraft movements showed an even greater decrease of 30.7 per cent. Relative to 1984, domestic passenger movements in 1989 fell by 0.5 per cent, with aircraft movements down by a significant 16.5 per cent. International air transport was relatively unaffected, with 1989 passenger and aircraft movements showing substantial increases over 1984 of 56.2 per cent and 39.0 per cent respectively.

TABLE 11.11 MELBOURNE (TULLAMARINE) AIRPORT

<i>Particulars</i>	<i>1984</i>	<i>1985</i>	<i>1986</i>	<i>1987</i>	<i>1988</i>	<i>1989</i>
Domestic aircraft movements	57,437	60,570	63,640	r67,314	69,227	47,954
Domestic passengers embarked ('000)	2,322	2,519	2,606	r2,785	3,022	2,302
Domestic passengers disembarked ('000)	2,324	2,521	2,614	2,785	3,012	2,321
International aircraft movements	10,575	11,359	12,691	r13,619	13,864	14,497
Passengers arriving from/departing to overseas	1,043,546	1,156,681	1,261,913	r1,418,691	r1,529,270	1,629,931

Source: Department of Transport and Communications.

TABLE 11.12 REGULAR DOMESTIC INTERSTATE AIR SERVICES TERMINATING IN VICTORIA

<i>Particulars</i>	<i>1984(a)</i>	<i>1985</i>	<i>1986</i>	<i>1987</i>	<i>1988</i>	<i>1989</i>
Kilometres flown ('000)	43,752	46,577	49,313	52,254	56,281	43,527
Passenger kilometres ('000)	3,905,837	4,254,598	4,472,940	4,812,800	5,318,418	4,162,577
Freight -						
Tonnes	99,455	102,961	94,121	90,132	99,005	68,481
Tonne kilometres ('000)	82,511	84,565	80,001	77,410	79,945	55,152
Mail -						
Tonnes	7,954	8,151	8,054	8,906	10,474	7,577
Tonne kilometres ('000)	7,342	7,779	8,054	8,760	9,901	7,380

(a) Not comparable with previous series. From 1984, the statistics are based on traffic on board direct domestic interstate flights to or from Tullamarine and Essendon Airports.

Source: Department of Transport and Communications.

COMMUNICATIONS

In 1989 there were 2.9 million telephone installations in Victoria, a ratio of 661 per 1,000 of the population. This ratio, which excluded switchboards and switching equipment, has increased from 579 in 1984. The number of public telephones in 1989 was 6,500, an increase of 0.2 per cent from 6,487 in 1984, but a decrease of 5.9 per cent when compared with the 6910 recorded in 1988.

There were 942 million standard articles posted in Victoria and received from overseas in Victoria in 1988-89. This was 35.0 per cent more than in 1983-84 (698 million). The corresponding figure for registered articles (excluding registered parcels) in 1988-89 was 1.8 million, a decrease of 9.0 per cent on 1983-84 (2.0 million).

The number of television stations has decreased by one in 1989, however air radio broadcasting stations increased by 3 over the previous year.

TABLE 11.13 TELEPHONE SERVICES AT 30 JUNE, VICTORIA

<i>Particulars</i>	<i>1984</i>	<i>1985</i>	<i>1986</i>	<i>1987</i>	<i>1988</i>	<i>1989</i>
Telephone exchanges	1,103	1,167	1,096	1,097	1,099	1,299
Public telephones	6,487	6,556	6,084	6,920	6,910	6,500
Services in operation ('000)	1,593	1,671	1,740	1,839	1,919	1,950
Instruments connected (a) ('000)	2,358	2,446	2,554	2,656	2,772	2,850
Instruments per 1,000 of population	579	593	611	631	653	661

(a) Telephone installations excluding switchboards and switching equipment.

Source: Australian Telecommunications Commission.

TABLE 11.14 POSTAL ARTICLES HANDLED BY AUSTRALIA POST, VICTORIA
('000)

<i>Period</i>	<i>Standard articles</i>	<i>Registered articles (except parcels)</i>	<i>Non-standard articles</i>	<i>Parcels (including registered)</i>
POSTED IN VICTORIA FOR DELIVERY WITHIN AUSTRALIA				
1983-84	622,338	687	110,860	7,962
1984-85	659,247	700	122,076	8,466
1985-86	676,452	662	133,487	9,295
1986-87	722,664	375	142,681	9,401
1987-88	792,202	311	142,822	9,419
1988-89	863,060	333	146,081	9,697
POSTED IN VICTORIA FOR DELIVERY OVERSEAS AND RECEIVED IN VICTORIA FROM OVERSEAS				
1983-84	75,171	1,234	18,705	1,258
1984-85	71,033	1,227	20,466	1,360
1985-86	71,920	1,183	20,012	1,219
1986-87	71,900	1,309	20,453	1,385
1987-88	72,614	1,390	21,881	1,396
1988-89	78,632	1,428	25,462	1,389
TOTAL POSTED IN VICTORIA AND RECEIVED FROM OVERSEAS IN VICTORIA				
1983-84	697,509	1,921	129,565	9,220
1984-85	730,280	1,927	142,542	9,826
1985-86	748,372	1,845	153,499	10,514
1986-87	794,564	1,684	163,134	10,786
1987-88	864,816	1,701	164,703	10,815
1988-89	941,692	1,761	171,543	11,086

Source: Australian Postal Commission

TABLE 11.15 BROADCAST AND TELEVISION STATIONS LICENSED AT 30 JUNE, VICTORIA

<i>Particulars</i>	<i>1984</i>	<i>1985</i>	<i>1986</i>	<i>1987</i>	<i>1988</i>	<i>1989</i>
Broadcasting stations -						
Commercial	24	24	24	24	24	24
National	13	15	15	16	16	16
Special Broadcasting Service	1	1	1	1	1	1
Public	7	7	8	11	11	14
Total	45	47	48	52	52	55
Television stations -						
Commercial	9	9	9	9	9	8
National	9	9	9	9	9	9
Special Broadcasting Service	1	1	1	1	1	1
Total	19	19	19	19	19	18

Source: Australian Broadcasting Tribunal.

REFERENCES

Data sources

The latest year for which ABS estimates are available for State Gross Domestic Product at factor cost by industry is 1983-84. For subsequent years, use has been made of estimates for gross operating surplus prepared by the Victorian Department of Management and Budget.

The statistics on Metropolitan Transport, railways, country and provincial road passengers services, and expenditure on roads and bridges have been obtained through the Ministry of Transport, Victoria: lengths of roads and streets is based on information supplied by the Road Construction Authority and municipal councils. Motor vehicles statistics were obtained from the Road Traffic Authority, Victoria, and the Commonwealth Department of Administrative Services (for Australian Government owned vehicles). Drivers' and riders' licences figures were provided by the Road Traffic Authority, Victoria.

Road traffic accident statistics are compiled by the ABS from data provided by the Road Traffic Authority, Victoria. The statistics on air transport were obtained from the Commonwealth Department of Transport and Communications; telephone services statistics from the Australian Telecommunications Commission; postal statistics from the Australian Postal Commission and the numbers of broadcast and television stations from the Australian Broadcasting Tribunal.

Tourist accommodation statistics are derived from the quarterly ABS Accommodation Survey. The survey covers hotels, motels and guest houses with facilities, short and long term caravan parks; and from the September quarter 1987, holiday flats, units, and houses.

ABS publications

Tourist Accommodation, Australia (8635.0)

Tourist Accommodation, Victoria (8635.2)

Tourist Accommodation, Four and Five Star Hotels and Motels, Victoria (8646.2)

Shipping and Air Cargo Commodity Statistics, Australia (9206.0)

Motor Vehicle Registrations, Australia (monthly) (9303.0)

Motor Vehicle Registrations, Victoria (9303.2)

Motor Vehicle Registrations, Australia (annual) (9304.0)

Motor Vehicle Census, Australia (9309.0)

Road Traffic Accidents Involving Fatalities, Australia (9401.0)

Road Traffic Accidents Involving Casualties (Admissions to Hospitals), Australia (9405.0)

Road Traffic Accidents Involving Casualties, Victoria (9406.2)

Appendix:

Historical Statistics

The following tables provide a historical summary of some statistics relating to Victoria. They are based on tables appearing in previous *Victorian Year Books*, the publication *Historical Statistics of Victoria* 1986 (ABS Cat. No. 1309.2), and other ABS sources. It has been necessary to convert certain previously published historical series into metric units.

A blank space indicates that the figures are not available.

A line drawn across a column between two consecutive figures indicates a break in the continuity of the series.

DEMOGRAPHY

POPULATION, VICTORIA

Year	Population at 31 December (a) (b)				Mean population (a) (b)		Population of Melbourne (b) (d)
	Males	Females	Total Persons	Masculinity (c)	Year ended 30 June	Year ended 31 December	
1836	186	38	224	489.47			200
1837	984	280	1,264	351.43		744	
1838	3,080	431	3,511	714.62		2,388	
1839	4,104	1,718	5,822	238.88		4,667	
1840	7,254	3,037	10,291	238.85		8,057	4,000
1841	14,391	6,025	20,416	238.85		15,354	4,479
1842	15,691	8,108	23,799	193.52		22,108	
1843	15,892	8,211	24,103	193.55		23,951	
1844	17,626	9,108	26,734	193.52		25,419	
1845	20,624	10,656	31,280	193.54		29,007	
1846	23,531	14,803	38,334	158.96		34,807	12,351
1847	26,004	16,932	42,936	153.58		40,635	
1848	30,697	20,693	51,390	148.34		47,163	
1849	39,556	26,664	66,220	148.35		58,795	
1850	45,495	30,667	76,162	148.35		71,191	
1851	58,235	39,254	97,489	148.35		86,826	23,143
1852	110,825	57,496	168,321	192.75		132,905	
1853	146,456	75,980	222,436	192.76		185,368	
1854	185,249	98,693	283,942	187.70		253,189	76,565
1855	226,462	120,843	347,305	187.40		315,524	
1856	251,349	139,035	390,384	180.78		368,845	
1857	291,523	164,999	456,522	176.68		423,453	
1858	314,923	181,223	496,146	173.78		476,334	
1859	325,259	195,813	521,072	166.11		508,609	
1860	330,302	207,932	538,234	158.85		529,653	
1861	320,888	218,876	539,764	146.61		538,999	139,916
1862	322,298	229,090	551,388	140.69		545,576	
1863	324,731	243,175	567,906	133.54		559,647	148,873
1864	341,302	256,901	598,003	132.78		582,955	154,375

POPULATION, VICTORIA - *continued*

Year	Population at 31 December (a) (b)				Mean population (a) (b)		Population of Melbourne (b) (d)
	Males	Females	Total Persons	Masculinity (c)	Year ended 30 June	Year ended 31 December	
1865	348,717	269,074	617,791	129.60		607,897	160,586
1866	354,757	278,845	633,602	127.22		625,697	167,476
1867	360,112	288,190	648,302	124.96		640,952	174,366
1868	371,066	300,258	671,324	123.58		659,813	181,945
1869	383,665	313,097	696,762	122.54		684,043	190,212
1870	397,230	326,695	723,925	121.59		710,344	202,975
1871	407,628	338,822	746,450	120.31		735,188	215,991
1872	411,027	348,401	759,428	117.98		752,939	229,125
1873	416,756	357,052	773,808	116.72		622,618	236,990
1874	421,201	364,907	786,108	115.43		779,958	242,800
1875	424,269	370,665	794,934	114.46		790,521	254,873
1876	428,243	377,181	805,424	113.54		800,179	248,878
1877	433,777	385,158	818,935	112.62		812,180	253,577
1878	438,077	391,841	829,918	111.80		824,427	260,738
1879	442,699	399,058	841,757	110.94		835,838	271,100
1880	450,558	408,047	858,605	110.42		850,181	281,037
1881	457,782	416,183	873,965	110.00		866,285	288,169
1882	466,788	425,977	892,765	109.58		883,365	297,937
1883	477,671	434,782	912,453	109.86		902,609	313,550
1884	490,266	445,511	935,777	110.05		924,115	334,030
1885	504,097	455,741	959,838	110.61		947,808	358,500
1886	523,864	469,853	993,717	111.50		976,778	381,590
1887	541,216	484,260	1,025,476	111.76		1,099,597	405,520
1888	571,425	507,652	1,079,077	112.56		1,052,277	432,350
1889	582,672	522,266	1,104,938	111.57		1,092,008	459,360
1890	595,519	538,209	1,133,728	110.65		1,119,333	482,600
1891	606,395	551,977	1,158,372	109.86		1,146,050	486,620
1892	608,666	560,081	1,168,747	108.67		1,163,560	469,390
1893	609,500	566,670	1,176,170	107.56		1,172,459	449,560
1894	609,379	572,776	1,182,155	106.39		1,179,163	444,340
1895	607,933	577,743	1,185,676	105.23		1,183,916	452,210
1896	599,497	580,353	1,179,850	103.30		1,182,763	458,300
1897	599,621	582,485	1,182,106	102.94		1,180,978	466,895
1898	598,332	583,949	1,182,281	102.46		1,182,194	480,390
1899	599,765	588,776	1,188,541	101.87		1,185,411	489,600
1900	601,773	594,440	1,196,213	101.23		1,192,377	494,905
1901	608,436	601,464	1,209,900	101.16	1,197,438	1,203,137	501,580
1902	604,318	603,913	1,208,231	100.07	1,207,236	1,207,527	502,840
1903	599,950	604,792	1,204,742	99.20	1,206,498	1,205,296	505,760
1904	597,617	607,991	1,205,608	98.29	1,203,347	1,202,814	511,520
1905	598,134	612,287	1,210,421	97.69	1,203,846	1,206,046	519,925
1906	600,856	618,976	1,219,832	97.07	1,209,319	1,213,672	530,660
1907	605,775	627,032	1,232,807	96.61	1,219,304	1,225,503	543,115
1908	614,937	635,512	1,250,449	96.76	1,232,489	1,240,488	557,350
1909	631,021	646,001	1,277,022	97.68	1,249,987	1,261,169	573,255
1910	646,482	654,926	1,301,408	98.71	1,271,500	1,282,477	588,000
1911	668,818	671,075	1,339,893	99.66	1,301,138	1,320,652	612,190
1912	690,056	692,497	1,382,553	99.65	1,337,796	1,357,824	636,200
1913	707,444	707,972	1,415,416	99.93	1,378,226	1,395,881	660,160
1914	713,307	721,881	1,435,188	98.81	1,412,176	1,427,512	680,470
1915	694,210	730,235	1,424,445	95.07	1,433,971	1,431,632	688,890
1916	666,245	738,418	1,404,663	90.23	1,424,896	1,414,480	702,120
1917	671,075	745,985	1,417,060	89.96	1,408,480	1,411,381	716,150

POPULATION, VICTORIA - *continued*

Year	Population at 31 December (a) (b)				Mean population (a) (b)		Population of Melbourne (b) (d)
	Males	Females	Total Persons	Masculinity (c)	Year ended 30 June	Year ended 31 December	
1918	684,243	753,002	1,437,245	90.87	1,416,900	1,424,054	730,830
1919	739,956	763,079	1,503,035	96.97	1,442,619	1,473,013	750,940
1920	753,803	774,106	1,527,909	97.38	1,497,806	1,512,093	776,840
1921	765,306	785,421	1,550,727	97.44	1,524,498	1,537,042	800,520
1922	789,517	800,756	1,590,273	98.60	1,552,601	1,570,883	831,060
1923	807,884	817,571	1,625,455	98.82	1,589,673	1,607,850	861,760
1924	825,919	831,232	1,657,151	99.36	1,625,703	1,641,944	889,720
1925	840,817	843,234	1,684,051	99.71	1,657,111	1,671,537	917,080
1926	855,035	856,952	1,711,987	99.78	1,683,724	1,696,758	945,500
1927	870,718	871,114	1,741,832	99.95	1,711,855	1,727,734	971,000
1928	879,478	882,268	1,761,746	99.68	1,741,432	1,751,974	990,650
1929	886,472	891,797	1,778,269	99.40	1,761,212	1,770,133	1,006,000
1930	892,422	900,183	1,792,605	99.14	1,778,761	1,786,217	999,650
1931	896,429	907,141	1,803,570	98.82	1,792,802	1,799,241	995,600
1932	900,663	912,724	1,813,387	98.68	1,804,014	1,808,618	993,800
1933	904,868	919,349	1,824,217	98.42	1,814,797	1,820,497	995,800
1934	909,806	926,854	1,836,660	98.16	1,824,660	1,830,326	1,000,000
1935	910,740	930,855	1,841,595	97.84	1,835,578	1,838,206	1,008,300
1936	913,959	935,648	1,849,607	97.68	1,841,636	1,845,941	1,016,500
1937	916,974	940,017	1,856,991	97.55	1,850,071	1,853,765	1,024,300
1938	924,034	947,065	1,871,099	97.57	1,858,585	1,865,251	1,035,600
1939	929,470	953,663	1,883,133	97.46	1,872,287	1,878,918	1,050,700
1940	947,037	967,881	1,914,918	97.85	1,886,751	1,900,426	1,083,000
1941	964,619	981,806	1,946,425	98.25	1,916,727	1,932,412	1,114,900
1942	970,729	991,829	1,962,558	97.87	1,948,710	1,959,496	1,143,900
1943	979,549	1,002,067	1,981,616	97.75	1,965,473	1,973,533	1,156,600
1944	986,889	1,011,065	1,997,954	97.61	1,981,997	1,989,870	1,168,900
1945	994,784	1,020,323	2,015,107	97.50	1,998,202	2,006,649	1,180,200
1946	1,006,395	1,033,374	2,039,769	97.39	2,015,197	2,025,475	1,189,800
1947	1,016,724	1,045,985	2,062,709	97.20	2,039,348	2,053,916	1,228,300
1948	1,039,037	1,069,088	2,108,125	97.19	2,070,116	2,091,581	1,247,800
1949	1,071,759	1,097,125	2,168,884	97.69	2,115,830	2,142,529	1,272,300
1950	1,114,497	1,122,685	2,237,182	99.27	2,174,844	2,209,013	1,302,200
1951	1,150,009	1,149,529	2,299,538	100.04	2,242,882	2,276,272	1,330,800
1952	1,189,262	1,177,457	2,366,719	101.00	2,309,708	2,343,610	1,359,100
1953	1,212,060	1,203,975	2,416,035	100.67	2,372,366	2,395,851	1,388,800
1954	1,244,739	1,233,247	2,477,986	100.93	2,422,839	2,452,741	1,524,111
1955	1,281,891	1,264,441	2,546,332	101.38	2,485,222	2,520,481	1,575,300
1956	1,319,445	1,298,667	2,618,112	101.60	2,556,148	2,592,670	1,629,400
1957	1,348,351	1,332,204	2,680,555	101.21	2,625,609	2,656,363	1,677,100
1958	1,379,857	1,365,308	2,745,165	101.07	2,687,115	2,717,371	1,726,100
1959	1,413,523	1,397,906	2,811,429	101.12	2,749,994	2,783,951	1,777,700
1960	1,453,815	1,434,475	2,888,290	101.35	2,819,650	2,857,032	1,831,100
1961	1,485,348	1,469,951	2,955,299	101.05	2,893,417	2,926,075	1,984,936
1962	1,511,418	1,499,625	3,011,043	100.79	2,956,769	2,983,715	2,029,240
1963	1,540,749	1,530,297	3,071,046	100.68	3,011,833	3,041,442	2,077,560
1964	1,573,966	1,563,955	3,137,921	100.64	3,073,384	3,105,685	2,130,980
1965	1,602,058	1,593,802	3,195,860	100.52	3,136,319	3,165,594	2,180,800
1966	1,627,787	1,622,056	3,249,843	100.35	3,194,035	3,221,403	2,230,793
1967	1,653,363	1,650,243	3,303,606	100.19	3,249,885	3,277,183	2,283,000
1968	1,679,213	1,677,614	3,356,827	100.10	3,302,366	3,328,451	2,331,000
1969	1,710,586	1,710,592	3,421,178	100.00	3,356,773	3,388,417	2,389,700
1970	1,739,916	1,742,115	3,482,031	99.87	3,420,609	3,450,523	2,447,600

POPULATION, VICTORIA - *continued*

Year	Population at 31 December (a) (b)				Mean population (a) (b)		Population of Melbourne (b) (d)
	Males	Females	Total Persons	Masculinity (c)	Year ended 30 June	Year ended 31 December	
1971 (e)	1,815,332	1,818,511	3,633,843	99.83	3,481,370	3,519,881	2,575,000
1972	1,841,114	1,845,022	3,686,136	99.79	3,632,733	3,661,084	2,616,400
1973	1,863,086	1,867,738	3,730,824	99.75	3,685,499	3,707,460	2,652,700
1974	1,887,222	1,892,365	3,779,587	99.73	3,730,502	3,754,761	2,685,800
1975	1,896,188	1,904,468	3,800,656	99.57	3,774,902	3,788,394	2,711,200
1976	1,905,656	1,918,285	3,823,941	99.34	3,799,937	3,811,360	2,723,700
1977	1,918,212	1,934,377	3,852,589	99.16	3,823,831	3,837,834	2,740,800
1978	1,927,106	1,947,395	3,874,501	98.96	3,852,206	3,864,925	2,757,200
1979	1,937,866	1,962,127	3,899,993	98.76	3,875,422	3,886,929	2,771,000
1980	1,951,449	1,979,206	3,930,655	98.60	3,899,760	3,914,238	2,787,400
1981	1,969,349	1,999,049	3,968,398	98.51	3,931,159	3,949,166	2,806,300
1982	1,991,532	2,021,155	4,012,687	98.53	3,969,101	3,991,755	2,833,800
1983	2,012,443	2,042,055	4,054,498	98.55	4,013,824	4,035,029	2,861,700
1984	2,033,611	2,064,029	4,097,640	98.53	4,055,564	4,076,346	2,884,600
1985	2,055,418	2,085,003	4,140,421	98.58	4,098,084	4,119,696	2,909,100
1986	2,076,765	2,106,654	4,183,419	98.58	4,140,430	4,161,531	2,931,900
1987	2,102,870	2,130,687	4,233,557	98.69	4,184,229	4,208,733	2,965,600
1988	2,117,323	2,144,622	4,261,945	98.72	4,235,610	4,262,605	3,002,329
1989	2,160,287	2,189,424	4,349,711	98.67	4,294,637	4,322,423	3,043,476

(a) All estimates have been corrected for discrepancies disclosed by the various censuses up to the census of 30 June 1981. Figures from 1939 to 1946 include all living Australian defence service personnel irrespective of whether they were within Australia or overseas, but exclude members of Allied Services and prisoners of war and internees from overseas. The population estimates from 1947 onwards include defence personnel in Australia and exclude members of the forces overseas.

(b) Figures for 1961 and subsequent years include full-blood Aborigines.

(c) Number of males per 100 females.

(d) Figures shown for the population of Melbourne from 1841 to 1861 inclusive are as at the following census dates: 2 March for 1841, 1846, and 1851, 26 April 1854, 29 March 1857, and 7 April 1861.

From 1863 to 1953, the figures shown are estimates at 31 December, those for 1954 and subsequent years are estimates or census counts at 30 June. The figures shown for the years 1863 to 1921 relate to the population within a 16 kilometre radius of the Melbourne G.P.O. From 1921 to 1960 the figures relate to the population of the City of Melbourne and adjoining municipal areas within boundaries defined for census purposes at the respective censuses of 1921, 1933, 1947, and 1954. From 1961 onwards, the figures relate to the population within a new fixed outer boundary embracing an area referred to as the Melbourne Statistical Division.

(e) From 1971 onwards, figures are estimated resident population.

MARRIAGES, DIVORCES, BIRTHS, AND DEATHS (a) (b), VICTORIA

Year	Marriages		Divorces (c)		Births		Deaths		Infant mortality	
	Number	Crude rate	Decrees granted	Crude rate	Number	Crude rate	Number	Crude rate	Number	Crude rate (d)
1836	-	-	-	-	1	-	3	-	-	-
1837	1	1.34	-	-	7	9.41	1	1.34	-	-
1838	15	6.28	-	-	28	11.73	20	8.38	-	-
1839	57	12.21	-	-	142	30.43	67	14.36	-	-
1840	177	21.97	-	-	358	44.43	198	24.57	-	-
1841	406	26.44	-	-	618	40.25	319	20.78	-	-
1842	514	23.25	-	-	1,025	46.36	413	18.68	-	-
1843	364	15.20	-	-	1,317	54.99	313	13.07	-	-
1844	328	12.90	-	-	1,336	52.56	240	9.44	-	-
1845	316	10.89	-	-	1,521	52.44	327	11.27	-	-
1846	301	8.65	-	-	1,596	45.85	328	9.42	-	-
1847	337	8.29	-	-	1,661	40.88	361	8.88	-	-
1848	351	7.44	-	-	1,789	37.93	405	8.59	-	-
1849	593	10.08	-	-	1,913	32.53	593	10.08	-	-
1850	969	13.61	-	-	2,673	37.55	780	10.96	-	-

MARRIAGES, DIVORCES, BIRTHS, AND DEATHS (a) (b), VICTORIA - continued

Year	Marriages		Divorces (c)		Births		Deaths		Infant mortality	
	Number	Crude rate	Decrees granted	Crude rate	Number	Crude rate	Number	Crude rate	Number	Crude rate (d)
1851	1,023	11.78	-	-	3,049	35.12	1,165	13.42		
1852	1,958	14.73	-	-	3,756	28.26	2,105	15.84		
1853	2,703	13.83	-	-	3,025	15.48	3,213	16.44		
1854	3,765	14.87	-	-	7,542	29.79	6,261	24.73		
1855	3,847	12.19	-	-	11,941	37.83	6,603	20.92		
1856	4,116	11.16	-	-	14,420	39.10	5,728	15.53		
1857	4,524	10.68	-	-	17,384	41.05	7,449	17.59		
1858	4,552	9.56	-	-	19,929	41.84	9,015	18.93		
1859	4,769	9.38	-	-	22,092	43.44	9,469	18.62		
1860	4,351	8.21	-	-	22,863	43.17	12,061	22.77		
1861	4,434	8.23	1	-	23,461	43.53	10,522	19.52		
1862	4,525	8.29	11	0.02	24,391	44.71	10,080	18.48		
1863	4,227	7.55	7	0.01	23,906	42.72	9,502	16.98	2,844	118.97
1864	4,554	7.81	13	0.02	25,680	44.05	8,887	15.24	2,778	108.18
1865	4,497	7.40	11	0.02	25,915	42.63	10,461	17.21	3,538	136.52
1866	4,253	6.80	6	0.01	25,010	39.97	12,286	19.64	3,838	153.46
1867	4,490	7.01	8	0.01	25,608	39.95	11,733	18.31	3,534	138.00
1868	4,692	7.11	7	0.01	27,243	41.29	10,067	15.26	3,054	112.10
1869	4,735	6.92	15	0.02	26,040	38.07	10,630	15.54	3,284	126.11
1870	4,732	6.66	9	0.01	27,151	38.22	10,420	14.67	3,203	117.97
1871	4,693	6.38	7	0.01	27,382	37.24	9,918	13.49	3,114	113.72
1872	4,791	6.36	2	-	27,361	36.34	10,831	14.38	3,334	121.85
1873	4,974	6.49	10	0.01	28,100	36.65	11,501	15.00	3,181	113.20
1874	4,925	6.31	6	0.01	26,800	34.36	12,222	15.67	3,341	124.66
1875	4,985	6.31	14	0.02	26,720	33.80	15,287	19.34	3,811	142.63
1876	4,949	6.18	8	0.01	26,769	33.45	13,561	16.95	2,980	111.32
1877	5,103	6.28	11	0.01	26,010	32.02	12,776	15.73	3,299	126.84
1878	5,092	6.18	9	0.01	26,581	32.24	12,702	15.41	3,262	122.72
1879	4,986	5.97	4	-	26,839	32.11	12,120	14.50	3,219	119.94
1880	5,286	6.22	11	0.01	26,148	30.76	11,652	13.71	3,105	118.75
1881	5,896	6.81	9	0.01	27,145	31.33	12,302	14.20	3,119	114.90
1882	6,309	7.14	12	0.01	26,747	30.28	13,634	15.43	3,722	139.16
1883	6,771	7.50	27	0.03	27,541	30.51	13,006	14.41	3,150	114.37
1884	7,218	7.81	12	0.01	28,850	31.22	13,505	14.61	3,281	113.73
1885	7,395	7.80	22	0.02	29,975	31.63	14,364	15.15	3,771	125.80
1886	7,737	7.92	16	0.02	30,824	31.56	14,952	15.31	3,924	127.30
1887	7,768	7.69	23	0.02	33,043	32.73	16,005	15.85	4,296	130.01
1888	8,946	8.50	29	0.03	34,503	32.79	16,287	15.48	4,401	127.55
1889	9,194	8.42	25	0.02	36,359	33.30	19,392	17.76	5,549	152.62
1890	9,187	8.21	40	0.04	37,578	33.57	18,012	16.09	4,412	117.41
1891	8,780	7.66	99	0.09	38,505	33.60	18,631	16.26	4,861	126.24
1892	7,723	6.64	92	0.08	37,831	32.51	15,851	13.62	4,041	106.82
1893	7,004	5.97	92	0.08	36,552	31.18	16,508	14.08	4,302	117.70
1894	7,029	5.96	83	0.07	34,258	29.05	15,430	13.09	3,567	104.12
1895	7,181	6.07	85	0.07	33,706	28.47	15,636	13.21	3,450	102.36
1896	7,625	6.45	108	0.09	32,178	27.21	15,714	13.29	3,540	110.01
1897	7,568	6.41	117	0.10	31,310	26.51	15,126	12.81	3,235	103.32
1898	7,620	6.45	87	0.07	30,172	25.52	18,695	15.81	4,047	134.13
1899	8,140	6.87	107	0.09	31,008	26.16	16,578	13.99	3,541	114.20
1900	8,308	6.97	93	0.08	30,779	25.81	15,215	12.76	2,936	95.39
1901	8,406	6.99	83	0.07	31,008	25.77	15,904	13.22	3,192	102.94
1902	8,477	7.02	109	0.09	30,461	25.23	16,177	13.40	3,308	108.60
1903	7,605	6.31	101	0.08	29,569	24.53	15,595	12.94	3,146	106.40
1904	8,210	6.83	141	0.12	29,763	24.74	14,393	11.97	2,319	77.92

MARRIAGES, DIVORCES, BIRTHS, AND DEATHS (a) (b), VICTORIA - continued

Year	Marriages		Divorces (c)		Births		Deaths		Infant mortality	
	Number	Crude rate	Decreases granted	Crude rate	Number	Crude rate	Number	Crude rate	Number	Crude rate (d)
1905	8,774	7.28	137	0.11	30,107	24.96	14,676	12.17	2,508	83.30
1906	8,930	7.36	125	0.10	30,844	25.41	15,237	12.55	2,866	92.92
1907	9,575	7.81	134	0.11	31,365	25.59	14,539	11.86	2,277	72.60
1908	9,335	7.53	152	0.12	31,097	25.07	15,766	12.71	2,676	86.05
1909	9,431	7.48	139	0.11	31,544	25.01	14,436	11.45	2,251	71.36
1910	10,239	7.98	141	0.11	31,437	24.51	14,732	11.49	2,417	76.88
1911	11,088	8.40	214	0.16	33,026	25.01	15,216	11.52	2,269	68.70
1912	11,738	8.64	252	0.19	35,796	26.36	16,589	12.22	2,666	74.48
1913	11,324	8.11	239	0.17	25,970	25.77	15,474	11.09	2,537	70.53
1914	11,829	8.29	243	0.17	36,222	25.37	16,503	11.56	2,835	78.27
1915	12,832	8.96	219	0.15	35,009	24.45	15,823	11.05	2,408	68.78
1916	11,342	8.02	207	0.15	34,235	24.20	16,489	11.66	2,555	74.63
1917	9,505	6.73	202	0.14	33,033	23.40	14,555	10.31	1,877	56.82
1918	9,156	6.43	236	0.17	31,597	22.19	15,177	10.66	1,951	61.75
1919	11,706	7.95	348	0.24	31,619	21.47	19,370	13.15	2,147	67.90
1920	14,898	9.85	375	0.25	36,213	23.95	16,832	11.13	2,669	73.70
1921	13,676	8.90	389	0.25	35,591	23.16	16,165	10.52	2,582	72.55
1922	12,996	8.27	378	0.24	36,288	23.10	15,155	9.65	1,936	53.35
1923	13,126	8.16	431	0.27	35,877	22.31	17,219	10.71	2,356	65.67
1924	13,296	8.10	408	0.25	36,140	22.01	16,503	10.05	2,216	61.32
1925	13,370	8.00	458	0.27	35,922	21.49	15,837	9.47	2,047	56.98
1926	13,405	7.90	470	0.28	35,362	20.84	16,335	9.63	1,969	55.68
1927	13,608	7.88	517	0.30	35,074	20.30	16,773	9.71	1,966	56.05
1928	13,186	7.53	484	0.28	34,498	19.69	17,708	10.11	1,919	55.63
1929	12,935	7.31	548	0.31	33,604	18.98	16,717	9.44	1,587	47.23
1930	11,641	6.52	388	0.22	33,127	18.55	15,959	8.93	1,544	46.61
1931	10,182	5.66	425	0.24	30,332	16.86	17,033	9.47	1,349	44.47
1932	11,744	6.49	459	0.25	27,464	15.19	16,805	9.29	1,181	43.00
1933	12,668	6.96	499	0.27	28,392	15.60	17,456	9.59	1,148	40.43
1934	13,862	7.57	621	0.34	27,828	15.20	18,648	10.19	1,242	44.63
1935	15,409	8.38	608	0.33	27,884	15.17	18,456	10.04	1,148	41.17
1936	15,915	8.62	690	0.37	28,883	15.65	18,778	10.17	1,222	42.31
1937	16,226	8.75	800	0.43	29,731	16.04	18,613	10.04	1,091	36.70
1938	17,113	9.17	830	0.44	30,344	16.27	18,955	10.16	1,038	34.21
1939	17,368	9.24	805	0.43	30,493	16.23	20,169	10.73	1,085	35.58
1940	22,299	11.73	822	0.43	31,962	16.82	20,293	10.68	1,261	39.45
1941	20,898	10.81	842	0.44	34,406	17.80	20,522	10.62	1,246	36.21
1942	23,636	12.06	959	0.49	35,927	18.33	21,973	11.21	1,497	41.67
1943	18,356	9.30	1,383	0.70	39,117	19.82	21,327	10.81	1,399	35.76
1944	17,857	8.97	1,694	0.85	39,358	19.78	20,502	10.30	1,258	31.96
1945	16,501	8.22	1,759	0.88	41,200	20.53	20,496	10.21	1,155	28.03
1946	21,405	10.57	1,651	0.82	46,693	23.05	21,534	10.63	1,268	27.16
1947	20,437	9.95	2,294	1.12	47,366	23.06	21,442	10.44	1,245	26.28
1948	20,035	9.58	1,681	0.80	46,099	22.04	21,825	10.43	1,103	23.93
1949	20,066	9.37	1,780	0.83	46,873	21.88	21,991	10.26	1,026	21.89
1950	20,320	9.20	1,604	0.73	49,830	22.56	22,341	10.11	1,001	20.09
1951	21,117	9.28	1,730	0.76	50,553	22.21	23,446	10.30	1,143	22.61
1952	20,220	8.63	1,616	0.69	53,738	22.93	23,322	9.95	1,198	22.29
1953	19,238	8.03	2,128	0.89	53,561	22.36	22,650	9.45	1,133	21.15
1954	19,404	7.91	1,539	0.63	54,660	22.29	22,554	9.20	1,055	19.30
1955	20,056	7.96	1,691	0.67	56,336	22.35	22,527	8.94	1,035	18.37
1956	20,137	7.77	1,270	0.49	58,393	22.52	23,886	9.21	1,128	19.32
1957	20,239	7.62	1,362	0.51	60,464	22.76	24,131	9.08	1,219	20.16
1958	20,649	7.60	1,717	0.63	61,269	22.55	23,625	8.69	1,178	19.23

MARRIAGES, DIVORCES, BIRTHS, AND DEATHS (a) (b), VICTORIA - continued

Year	Marriages		Divorces (c)		Births		Deaths		Infant mortality	
	Number	Crude rate	Decreases granted	Crude rate	Number	Crude rate	Number	Crude rate	Number	Crude rate (d)
1959	20,456	7.35	1,877	0.67	62,245	22.36	25,078	9.01	1,320	21.21
1960	20,627	7.22	1,313	0.46	64,025	22.41	24,547	8.59	1,182	18.46
1961	21,264	7.27	1,257	0.43	65,886	22.52	24,500	8.57	1,173	17.80
1962	22,393	7.51	1,623	0.54	65,890	22.09	25,847	8.66	1,219	18.50
1963	22,061	7.25	1,626	0.53	65,649	21.59	26,920	8.85	1,242	18.92
1964	24,169	7.78	2,151	0.69	64,990	20.93	27,548	8.87	1,098	16.89
1965	26,421	8.35	2,103	0.66	63,550	20.08	28,031	8.86	1,109	17.45
1966	27,089	8.41	2,144	0.67	64,008	19.87	28,673	8.90	1,116	17.44
1967	28,004	8.55	2,054	0.63	65,485	19.98	28,373	8.66	1,101	16.81
1968	29,724	8.93	2,525	0.76	70,228	21.10	29,967	9.00	1,010	14.38
1969	30,860	9.11	2,235	0.66	71,035	20.96	28,976	8.55	1,066	15.01
1970	31,729	9.20	2,604	0.75	73,019	21.16	30,335	8.79	1,060	14.52
1971	32,386	9.20	3,079	0.87	75,498	21.45	30,598	8.69	1,107	14.66
1972	31,206	8.52	3,664	1.00	71,713	19.59	29,937	8.18	1,048	14.59
1973	30,203	8.15	3,313	0.89	66,910	18.05	30,738	8.29	958	14.27
1974	29,708	7.91	4,465	1.19	66,052	17.60	30,973	8.25	989	14.94
1975	27,806	7.34	5,683	1.50	61,797	16.31	29,579	7.81	806	13.02
1976	28,760	7.55	16,633	4.36	60,531	15.88	30,884	8.10	702	11.57
1977	27,558	7.18	10,859	2.83	59,389	15.48	29,542	7.70	653	10.97
1978	27,178	7.03	10,820	2.80	58,687	15.19	29,206	7.56	616	10.47
1979	27,019	6.95	9,471	2.44	57,628	14.83	29,118	7.49	652	11.29
1980	27,724	7.08	9,207	2.35	58,022	14.82	29,453	7.53	592	10.17
1981	28,648	7.25	9,769	2.47	59,284	15.01	29,088	7.37	562	9.44
1982	28,851	7.23	11,266	2.82	59,876	15.00	30,694	7.68	641	10.69
1983	28,974	7.18	10,663	2.64	59,928	14.85	29,365	7.27	561	9.33
1984	28,931	7.10	10,501	2.57	59,485	14.59	29,532	7.24	525	8.78
1985	29,810	7.24	9,688	2.35	61,555	14.94	31,353	7.60	601	9.76
1986	29,390	7.06	9,670	2.32	60,162	14.46	30,175	7.20	517	8.60
1987	29,682	7.05	9,626	2.29	61,507	14.61	31,549	7.50	498	8.10
1988	30,687	7.20	10,250	2.40	62,134	14.58	30,726	7.20	486	7.80
1989	30,624	7.10	10,253	2.40	64,002	14.80	32,357	7.50	431	6.70

(a) The Registration Act providing for the legal registration of births, deaths, and marriages in Victoria was passed in 1853. Prior to this date Victorian vital statistics were obtained from parish and church records which were regarded as being incomplete for statistical purposes. For this reason, the numbers of vital events and their corresponding rates for this period must be treated with caution. In particular, it is thought that in the year in which the new registration system was introduced (1853) both births and deaths were understated, the correct totals in each case would probably have exceeded five thousand. Figures for 1966 and subsequent years include particulars of full-blood Aboriginals. From 1972 onwards figures for births and deaths are compiled on a State of usual residence basis.

(b) The rates are referred to as crude rates because they do not take into account important factors such as age structure, sex, and marital status of the population.

(c) The Commonwealth Family Law Act 1975 came into operation on 5 January 1976 repealing the previous *Matrimonial Causes Act 1959*.

(d) Number of deaths under one year per 1,000 registered live births.

POPULATION INCREASE, VICTORIA

Year (a)	Natural increase (b) (c) (d)	Apparent net migration (d)	Total increase (c)	Rate of natural increase (d)	Rate of apparent migration (d)	Rate of population growth per cent
1836	-2	226	224	-	-	-
1837	6	1,034	1,040	8.06	1,389.78	464.29
1838	8	2,239	2,247	3.35	937.60	177.77
1839	75	2,236	2,311	16.07	479.11	65.82
1840	160	4,309	4,469	19.86	534.81	76.76

POPULATION INCREASE, VICTORIA - *continued*

<i>Year (a)</i>	<i>Natural increase (b) (c) (d)</i>	<i>Apparent net migration (d)</i>	<i>Total increase (c)</i>	<i>Rate of natural increase (d)</i>	<i>Rate of apparent migration (d)</i>	<i>Rate of population growth</i>
						per cent
1841	299	9,826	10,125	19.47	639.96	98.39
1842	612	2,771	3,383	27.68	125.34	16.57
1843	1,004	-700	304	41.92	-29.23	1.28
1844	1,096	1,535	2,631	43.12	60.39	10.92
1845	1,194	3,352	4,546	41.16	115.56	17.00
1846	1,268	5,786	7,054	36.43	166.23	22.55
1847	1,300	3,302	4,602	31.99	81.26	12.01
1848	1,384	7,070	8,454	29.35	149.91	19.69
1849	1,320	13,510	14,830	22.45	229.74	28.86
1850	1,893	8,049	9,942	26.59	113.06	15.01
1851	1,884	19,443	21,327	21.70	223.93	28.00
1852	1,651	69,181	70,832	12.42	520.53	72.66
1853	(e)	54,303	54,115	(e)	277.94	32.15
1854	1,281	60,225	61,506	5.06	237.87	27.65
1855	5,338	58,025	63,363	16.91	183.84	22.32
1856	8,692	34,387	43,079	23.57	93.23	12.40
1857	9,935	56,203	66,138	23.46	132.73	16.94
1858	10,914	28,710	39,624	22.91	60.27	8.68
1859	12,623	12,303	24,926	24.82	24.19	5.02
1860	10,802	6,360	17,162	20.39	12.01	3.29
1861	12,939	-11,409	1,530	24.01	-21.17	0.28
1862	14,311	-2,687	11,624	26.23	-4.93	2.15
1863	14,404	2,114	16,518	25.74	3.78	3.00
1864	16,793	13,304	30,097	28.81	22.82	5.30
1865	15,454	4,334	19,788	25.42	7.13	3.31
1866	12,724	3,087	15,811	20.34	4.93	2.56
1867	13,875	825	14,700	21.65	1.29	2.32
1868	17,176	5,846	23,022	26.03	8.86	3.55
1869	15,410	10,028	25,438	22.53	14.66	3.79
1870	16,731	10,432	27,163	23.55	14.69	3.90
1871	17,464	5,061	22,525	23.75	6.88	3.11
1872	16,530	-3,552	12,978	21.95	-4.72	1.74
1873	16,599	-2,219	14,380	21.65	-2.89	1.89
1874	14,578	-2,278	12,300	18.69	-2.92	1.59
1875	11,433	-2,607	8,826	14.46	-3.30	1.12
1876	13,208	-2,718	10,490	16.51	-3.40	1.32
1877	13,234	277	13,511	16.29	0.34	1.68
1878	13,879	-2,896	10,983	16.83	-3.51	1.34
1879	14,719	-2,880	11,839	17.61	-3.45	1.43
1880	14,496	2,352	16,848	17.05	2.77	2.00
1881	14,843	517	15,360	17.13	0.60	1.79
1882	13,113	5,687	18,800	14.84	6.44	2.15
1883	14,535	5,153	19,688	16.10	5.71	2.21
1884	15,345	7,979	23,324	16.61	8.63	2.56
1885	15,611	8,450	24,061	16.47	8.92	2.57
1886	15,872	18,007	33,879	16.25	18.44	3.53
1887	17,038	14,721	31,759	16.88	14.58	3.20
1888	18,216	35,385	53,601	17.31	33.63	5.23
1889	16,967	8,894	25,861	15.54	8.14	2.40
1890	19,566	9,224	28,790	17.48	8.24	2.61

POPULATION INCREASE, VICTORIA - *continued*

<i>Year (a)</i>	<i>Natural increase (b) (c) (d)</i>	<i>Apparent net migration (d)</i>	<i>Total increase (c)</i>	<i>Rate of natural increase (d)</i>	<i>Rate of apparent migration (d)</i>	<i>Rate of population growth per cent</i>
1891	19,874	4,770	24,644	17.34	4.16	2.17
1892	21,980	-11,605	10,375	18.89	-9.97	0.90
1893	20,044	-12,621	7,423	17.10	-10.76	0.64
1894	18,828	-12,843	5,985	15.97	-10.89	0.51
1895	18,070	-14,549	3,521	15.26	-12.29	0.30
1896	16,464	-22,290	-5,826	13.92	-18.85	-0.49
1897	16,184	-13,928	2,256	13.70	-11.79	0.19
1898	11,477	-11,302	175	9.71	-9.56	0.01
1899	14,430	-8,170	6,260	12.17	-6.89	0.53
1900	15,564	-7,892	7,672	13.05	-6.62	0.65
1901	15,104	-1,417	13,687	12.55	-1.18	1.14
1902	14,284	-15,953	-1,669	11.83	-13.21	-0.14
1903	13,974	-17,463	-3,489	11.59	-14.49	-0.29
1904	15,370	-14,504	866	12.78	-12.06	0.07
1905	15,431	-10,618	4,813	12.79	-8.80	0.40
1906	15,607	-6,196	9,411	12.86	-5.11	0.78
1907	16,826	-3,851	12,975	13.73	-3.14	1.06
1908	15,331	2,311	17,642	12.36	1.86	1.43
1909	17,108	9,465	26,573	13.57	7.50	2.13
1910	16,705	7,681	24,386	13.03	5.99	1.91
1911	17,810	20,675	38,485	13.49	15.66	2.96
1912	19,207	23,453	42,660	14.15	17.27	3.18
1913	20,496	12,367	32,863	14.68	8.86	2.38
1914	19,719	53	19,772	13.81	0.04	1.40
1915	19,186	-29,929	-10,743	13.40	-20.91	-0.75
1916	17,746	-37,528	-19,782	12.55	-26.53	-1.39
1917	18,478	-6,081	12,397	13.09	-4.31	0.88
1918	16,420	3,765	20,185	11.53	2.64	1.42
1919	12,249	53,541	65,790	8.32	36.35	4.58
1920	19,381	5,493	24,874	12.82	3.63	1.65
1921	19,426	3,392	22,818	12.64	2.21	1.49
1922	21,133	18,413	39,546	13.45	11.72	2.55
1923	18,658	16,524	35,182	11.60	10.28	2.21
1924	19,637	12,059	31,696	11.96	7.34	1.95
1925	20,085	6,815	26,900	12.02	4.08	1.62
1926	19,027	8,909	27,936	11.21	5.25	1.66
1927	18,301	11,544	29,845	10.59	6.68	1.74
1928	16,790	3,124	19,914	9.58	1.78	1.14
1929	16,887	-364	16,523	9.54	-0.21	0.94
1930	17,168	-2,832	14,336	9.61	-1.59	0.81
1931	13,299	-2,334	10,965	7.39	-1.30	0.61
1932	10,659	-842	9,817	5.89	-0.47	0.54
1933	10,936	-106	10,830	6.01	-0.06	0.60
1934	9,180	3,263	12,443	5.02	1.78	0.68
1935	9,428	-4,493	4,935	5.13	-2.44	0.27
1936	10,105	-2,093	8,012	5.47	-1.13	0.44
1937	11,118	-3,734	7,384	6.00	-2.01	0.40
1938	11,389	2,719	14,108	6.11	1.46	0.76
1939	10,324	1,718	12,034	5.49	0.91	0.64
1940	11,669	20,268	31,785	6.14	10.66	1.69
1941	13,884	18,995	31,507	7.18	9.83	1.65
1942	13,954	5,527	16,133	7.12	2.82	0.83
1943	17,790	3,789	19,058	9.01	1.92	0.97
1944	18,856	-955	16,338	9.48	-0.48	0.82

POPULATION INCREASE, VICTORIA - *continued*

Year (a)	Natural increase		Total increase (c)	Rate of natural increase (d)	Rate of apparent migration (d)	Rate of population growth
	(b)	(c) (d)				
1945	20,704	-1,812	17,153	10.32	-0.90	0.86
1946	25,159	-327	24,662	12.42	-0.16	1.22
1947	25,924	-2,952	22,940	12.62	-1.44	1.13
1948	24,274	21,142	45,416	11.61	10.11	2.20
1949	24,882	35,877	60,759	11.61	16.75	2.88
1950	27,489	40,809	68,298	12.44	18.47	3.15
1951	27,107	35,249	62,356	11.91	15.49	2.79
1952	30,416	36,765	67,181	12.98	15.69	2.92
1953	30,911	18,405	49,316	12.90	7.68	2.08
1954	32,106	29,845	61,951	13.09	12.17	2.56
1955	33,809	34,537	68,346	13.41	13.70	2.76
1956	34,507	37,273	71,780	13.31	14.38	2.82
1957	36,333	26,110	62,443	13.68	9.83	2.39
1958	37,644	26,966	64,610	13.85	9.92	2.41
1959	37,167	29,097	66,264	13.35	10.45	2.41
1960	39,478	37,383	<u>76,861</u>	13.82	13.08	<u>2.73</u>
1961	41,386	15,310	56,696	14.14	5.23	1.96
1962	40,043	15,701	55,744	13.42	5.26	1.89
1963	38,729	21,274	60,003	12.73	6.99	1.99
1964	37,442	29,433	66,875	12.06	9.48	2.18
1965	<u>35,519</u>	22,420	57,939	<u>11.22</u>	7.08	1.85
1966	35,335	18,648	53,983	10.97	5.79	1.69
1967	37,112	16,651	53,763	11.32	5.08	1.65
1968	40,261	12,960	53,221	12.10	3.89	1.61
1969	42,059	22,292	64,351	12.41	6.58	1.92
1970	42,684	18,169	60,853	12.37	5.27	1.78
1971	<u>44,900</u>	9,479	<u>54,379</u>	<u>12.79</u>	2.70	1.56
1972	41,776	10,517	52,293	11.41	2.87	1.44
1973	36,172	8,516	44,688	9.76	2.30	1.21
1974	35,079	13,684	48,763	9.34	3.64	1.31
1975	32,218	-11,149	21,069	8.50	-2.94	0.56
1976	29,647	-6,362	23,285	7.78	-1.67	0.61
1977	29,847	-1,199	28,648	7.78	-0.31	0.75
1978	29,481	-7,569	21,912	7.63	-1.96	0.57
1979	28,510	-3,018	25,492	7.34	-0.78	0.66
1980	28,569	2,093	30,662	7.30	0.54	0.79
1981	30,196	7,779	37,975	7.65	1.97	0.97
1982	30,346	16,715	46,061	7.70	4.20	1.16
1983	29,378	14,538	43,916	7.40	3.60	1.07
1984	30,596	11,390	41,986	7.60	2.80	1.01
1985	30,269	14,359	44,628	7.40	3.50	1.07
1986	29,094	13,219	42,313	7.10	3.20	0.99
1987	30,555	17,535	48,090	7.30	4.20	1.16
1988	30,577	22,422	52,999	7.30	5.30	1.26
1989	31,536	28,003	59,539	7.40	6.60	1.40

(a) For the period September 1939 to June 1947 troop movements were excluded and deaths of defence personnel, whether in Australia or overseas, included. Thus, for these years, the figures for natural increase and net migration do not equal the total increase figure.

(b) Excess of live births (where mother's State of usual residence is Victoria) over deaths (where deceased's State of usual residence is Victoria)

(c) Figures for 1966 and subsequent years include full-blood Aborigines.

(d) See footnote (a) to preceding table. For reasons stated there, the natural increase and apparent net migration, together with their corresponding rates for this period, must be treated with caution.

(e) Not calculated. See footnote (a) to preceding table.

INDUSTRIAL CONDITIONS

INDUSTRIAL DISPUTES AND TRADE UNIONS, VICTORIA

Year	Industrial disputes during year (a)				Trade unions			
	Number of disputes	Workers involved (b)	Working days lost	Estimated loss in wages	Number of separate unions	Members		
						Males	Females	Total
			'000	\$'000		'000	'000	'000
1912					151	109.9	6.7	116.6
1913	29	6,177	78	72	162	122.4	7.7	130.2
1914	44	7,051	94	79	170	128.9	9.9	138.8
1915	38	6,243	64	57	161	129.1	12.9	142.0
1916	55	15,668	168	229	151	130.0	17.6	147.6
1917	52	18,090	820	758	156	129.9	18.9	148.7
1918	33	5,748	161	199	158	130.7	21.4	152.1
1919	62	22,606	601	786	160	138.0	26.6	164.6
1920	53	39,808	817	931	158	154.4	32.8	187.1
1921	20	6,280	213	139	159	161.1	34.9	196.0
1922	29	6,130	65	95	169	168.4	37.9	206.3
1923	29	7,050	99	217	160	165.4	40.7	206.0
1924	30	10,037	67	102	158	179.6	37.5	217.0
1925	19	8,600	132	262	154	182.5	38.4	220.9
1926	33	8,565	101	213	157	188.6	42.0	230.5
1927	24	9,221	54	89	149	201.5	46.1	247.6
1928	21	5,876	111	193	151	194.9	47.3	242.2
1929	11	21,612	1,297	2,261	151	192.8	48.0	240.8
1930	5	408	8	15	151	184.7	44.6	229.3
1931	10	4,643	28	50	150	166.1	37.9	204.0
1932	12	6,585	100	131	151	160.0	37.0	197.0
1933	12	7,450	27	41	149	156.4	38.7	195.1
1934	19	8,428	109	165	149	154.0	41.9	195.9
1935	20	7,901	46	63	147	159.1	40.0	199.1
1936	10	1,823	12	20	147	160.6	41.0	201.6
1937	11	3,814	71	114	147	168.7	41.1	209.8
1938	19	10,290	104	175	147	176.2	38.8	215.0
1939	10	2,169	27	40	149	176.6	40.2	216.8
1940	19	8,664	108	203	147	190.2	42.1	232.3
1941	22	20,117	139	242	146	215.8	54.5	270.3
1942	20	12,119	36	62	142			302.8
1943	40	19,259	77	131	142	228.6	83.2	311.8
1944	53	13,642	73	146	141	232.9	82.1	315.0
1945	34	29,227	51	99	139	232.5	74.2	306.6
1946	35	76,817	507	1,087	151	255.4	69.0	324.4
1947	17	7,934	334	835	152	266.7	70.8	337.5
1948	21	41,889	160	481	156	288.8	74.8	363.7
1949	20	22,018	60	232	150	302.1	80.4	382.5
1950	33	73,987	1,208	4,791	152	325.2	81.1	406.3
1951	41	27,219	42	208	156	346.1	87.3	433.4
1952	33	61,920	116	678	159	337.8	78.6	416.3
1953	53	68,126	57	353	159	339.6	84.8	424.4
1954	76	44,813	136	920	158	350.1	83.8	433.9
1955	66	35,542	139	871	160	357.5	88.9	446.4
1956	54	37,877	112	772	162	356.5	84.8	441.3
1957	47	9,181	13	91	162	356.2	86.8	443.0
1958	66	46,718	100	681	161	355.3	88.9	444.2
1959	60	32,241	36	263	159	369.2	92.1	461.3
1960	98	86,004	103	794	157	381.1	98.1	479.2

INDUSTRIAL DISPUTES AND TRADE UNIONS, VICTORIA - *continued*

Year	Industrial disputes during year (a)				Trade unions			
	Number of disputes	Workers involved (b)	Working days lost	Estimated loss in wages	Number of separate unions	Members		
						Males	Females	Total
		'000	'000	'000	'000	'000	'000	
1961	91	52,747	72	610	156	385.8	101.0	486.8
1962	166	73,245	107	837	155	393.7	104.3	498.0
1963	180	87,978	173	1,510	154	401.3	113.6	514.9
1964	206	190,075	360	3,428	157	410.3	115.5	525.8
1965	208	121,798	214	2,061	156	418.0	119.8	537.8
1966	179	101,490	220	2,097	154	415.9	123.4	539.4
1967	212	84,521	107	1,107	152	413.9	131.6	545.5
1968	327	172,803	244	2,731	166	419.6	134.4	554.0
1969	367	356,429	717	8,620	165	423.6	139.6	563.3
1970	447	333,000	511	6,794	169	439.9	155.2	595.3
1971	362	380,100	689	9,727	170	453.3	168.8	622.1
1972	377	338,200	638	9,656	167	463.3	191.9	655.2
1973	431	189,800	781	13,223	168	486.7	198.0	684.8
1974	476	611,000	2,387	46,905	172	503.2	211.9	715.0
1975	424	570,900	1,222	31,897	171	507.4	219.0	726.5
1976	322	647,300	1,420	42,118	172	504.2	216.4	720.5
1977	244	120,700	586	20,752	172	504.7	224.4	729.1
1978	303	227,000	468	16,200	174	510.1	225.6	735.7
1979	325	661,500	1,486	53,266	174	514.5	235.5	750.0
1980	315	538,300	1,115	45,387	173	523.6	246.6	770.1
1981	376	404,900	1,236	64,345	173	522.9	248.8	771.7
1982	266	117,200	368	24,459	175	533.4	256.7	790.1
1983	231	103,700	258	n.a.	174	529.1	259.1	788.2
1984	223	72,400	188	n.a.	179	545.5	260.5	806.0
1985	262	130,900	356	n.a.	(c)177	568.0	290.5	858.5
1986	260	146,600	382	n.a.	176	586.9	299.5	886.4
1987	230	86,200	281	n.a.	166	578.4	297.3	875.7
1988	191	207,700	363	n.a.	166	589.6	311.9	901.5
1989	182	174,300	348	n.a.	160	598.9	332.3	931.2

(a) Refers only to disputes involving a stoppage of work of 10 man-days or more in the establishments where the stoppage occurred. Disputes not settled at the end of a year are included as new disputes in the figures for the following year. Statistical collection commenced in 1913.

(b) Includes persons stood down from work at the establishments where the stoppages occurred but were not themselves parties to the dispute.

(c) Trade Unions reported financial and total membership separately for the first time as at 30 June 1985.

EDUCATION

PRIMARY AND SECONDARY EDUCATION (a), VICTORIA

Year	Government schools									Non-government schools								
	Number of schools	Number of pupils			Number of teachers			Number of schools	Number of pupils			Number of teachers						
		Males	Females	Persons	Males	Females	Persons		Males	Females	Persons	Males	Females	Persons				
1852	98			7,369				17			472							
1853	152			11,270				54			1763							
1854	259	9,606	7,772	17,378				132	1,303	1,426	2,729							
1855	370	11,417	9,826	21,243				168	1,483	1,752	3,235							
1856	455	13,654	12,385	26,039														
1857	540	17,481	15,753	33,234				135	1,348	2,089	3,437							
1858	595	20,610	18,277	38,887				145	1,569	1,976	3,545							
1859	605	22,663	19,698	42,361				167	1,346	2,558	3,904							
1860	665	25,167	21,520	46,687				221	1,938	3,043	4,981							
1861	671	28,120	23,225	51,345				211	1,968	3,160	5,128							
1862	673	31,268	25,883	57,151				316	3,633	4,757	8,390	167	388	555				
1863	648	32,150	26,369	58,519	702	654	1,356	371	5,037	6,063	11,100	244	463	707				
1864	647	31,450	25,532	56,982	730	675	1,405	300	4,120	5,043	9,163	192	391	583				
1865	694	34,353	27,862	62,215	848	763	1,611	386	5,539	5,845	11,384	241	432	673				
1866	730	36,582	29,455	66,037	886	835	1,721	476	7,064	8,128	15,192	311	595	906				
1867	780	39,634	32,161	71,795	949	806	1,755	605	8,740	10,801	19,541	312	785	1,097				
1868	802	42,471	34,774	77,245	980	920	1,900	628	8,729	11,910	20,639	420	870	1,290				
1869	839	66,223	55,541	121,764	1,031	979	2,010	883	13,483	16,597	30,080	553	1,200	1,753				
1870	908	67,225	56,160	123,385	1,097	1,041	2,138	959	14,028	16,940	30,968	590	1,277	1,867				
1871	988	71,247	59,898	131,145	1,194	1,123	2,317	1,062	15,421	18,710	34,131	677	1,435	2,112				
1872	1,048	73,826	62,136	135,962	1,250	1,166	2,416	888	11,186	13,595	24,781	605	1,236	1,841				
1873	1,078	109,560	98,266	207,826	1,509	1,640	3,149	653	8,400	10,028	18,428	472	974	1,446				
1874	1,111	111,408	104,736	216,144	1,767	1,948	3,715	610	10,652	11,796	22,448	550	959	1,509				
1875	1,320	115,774	104,759	220,533	1,812	2,014	3,826	565	13,106	14,375	27,481	524	987	1,511				
1876	1,498	122,350	109,210	231,560	1,819	1,953	3,772	645	13,455	15,392	28,847	542	1,104	1,646				
1877	1,626	123,514	111,005	234,519	1,804	2,056	3,860	530	13,128	15,294	28,422	481	976	1,457				
1878	1,664	121,471	109,698	231,169	1,824	2,082	3,906	592	17,890	19,192	37,082	608	1,078	1,686				
1879	1,713	119,237	108,538	227,775	1,850	2,280	4,130	568	16,432	18,392	34,824	554	1,033	1,587				
1880	1,810	120,123	109,600	229,723	1,857	2,351	4,208	643	13,308	14,826	28,134	425	1,091	1,516				
1881	1,757	118,996	112,427	231,423	1,894	2,420	4,314	645	16,665	17,397	34,062	430	1,123	1,553				
1882	1,762	114,520	108,425	222,945	1,828	2,351	4,179	655	16,490	17,953	34,443	424	1,127	1,551				
1883	1,777	114,199	108,229	222,428	1,793	2,391	4,184	670	16,679	19,094	35,773	416	1,222	1,638				
1884	1,803	114,286	107,768	222,054	1,783	2,432	4,215	655	17,090	18,025	35,115	449	1,186	1,635				
1885	1,826	115,982	108,703	224,685	1,714	2,336	4,050	665	16,535	18,252	34,787	429	1,216	1,645				
1886	1,870	119,133	111,443	230,576	1,712	2,466	4,178	691	16,950	18,861	35,811	408	1,272	1,680				
1887	1,911	119,559	111,323	230,882	1,750	2,544	4,294	749	17,863	19,960	37,823	448	1,364	1,812				
1888	1,933	125,645	116,401	242,046	1,693	2,541	4,234	753	19,396	20,895	40,291	437	1,441	1,878				
1889	2,062	130,135	120,294	250,429	1,808	2,778	4,586	782	19,825	20,356	40,181	458	1,509	1,967				
1890	2,170	129,932	120,165	250,097	1,845	2,863	4,708	791	20,186	19,995	40,181	479	1,558	2,037				
1891	2,233	131,282	122,187	253,469	1,898	2,964	4,862	759	17,941	19,262	37,203	466	1,529	1,995				
1892	2,140	129,209	120,577	249,786	1,910	3,067	4,977	745	17,568	18,776	36,344	434	1,539	1,973				
1893	2,038	122,232	114,276	236,508	1,911	3,057	4,968	826	16,740	19,002	35,742	422	1,620	2,042				
1894	1,956	119,697	111,624	231,321	1,778	2,851	4,629	867	17,863	20,199	38,062	445	1,696	2,141				
1895	1,913	119,653	112,399	232,052	1,751	2,732	4,483	938	18,686	21,507	40,193	444	1,871	2,315				
1896	1,886	121,178	114,439	235,617	1,760	2,737	4,497	930	19,681	22,363	42,044	444	1,913	2,357				
1897	1,877	122,414	115,894	238,308	1,802	2,815	4,617	929	19,976	22,923	42,899	428	1,962	2,390				
1898	1,877	122,614	115,743	238,357	1,788	2,830	4,618	945	20,551	23,375	43,926	436	2,004	2,440				
1899	1,892	123,143	116,589	239,732	1,860	2,948	4,808	901	24,434	27,884	52,318	415	2,002	2,417				
1900	1,948	125,661	118,006	243,667	1,897	3,080	4,977	884	23,475	28,359	51,834	397	1,951	2,348				

PRIMARY AND SECONDARY EDUCATION (a), VICTORIA - continued

Year	Government schools							Non-government schools						
	Number of schools	Number of pupils			Number of teachers			Number of schools	Number of pupils			Number of teachers		
		Males	Females	Persons	Males	Females	Persons		Males	Females	Persons	Males	Females	Persons
1901	1,967	110,481	104,631	215,112				862	21,289	24,251	45,540	385	2,017	2,402
1902	2,041	132,266	125,089	257,355	1,917	3,149	5,066	872	21,812	25,218	47,030	404	1,975	2,379
1903	1,988	129,330	122,325	251,655	1,990	3,047	5,037	798	21,429	24,221	45,650	407	1,962	2,369
1904	1,927	124,433	116,712	241,145	1,911	2,886	4,797	787	21,160	23,917	45,077	418	1,942	2,360
1905	1,935	121,510	113,104	234,614	1,881	2,808	4,689	771	21,485	24,451	45,936	421	1,868	2,289
1906	1,953	118,727	110,452	229,179	1,879	2,719	4,598	757	24,144	28,049	52,193	387	2,010	2,397
1907	1,974	119,953	111,806	231,759	2,009	3,102	5,111	751	24,843	28,528	53,371	412	1,901	2,313
1908	2,017	120,741	113,152	233,893	2,006	3,094	5,100	696	25,191	28,845	54,036	389	1,799	2,188
1909	2,035	120,654	112,683	233,337	2,102	3,190	5,292	678	24,998	28,823	53,821	381	1,797	2,178
1910	2,036	121,712	113,330	235,042	2,204	3,237	5,441	641	24,714	30,026	54,740	361	1,706	2,067
1911	2,059	121,275	113,491	234,766	2,218	3,354	5,572	587	25,936	29,957	55,893	337	1,638	1,975
1912	2,130	124,708	116,917	241,625	2,241	3,678	5,919	548	26,194	29,841	56,035	315	1,541	1,856
1913	2,169	127,079	118,503	245,582	2,371	3,804	6,175	519	27,182	30,516	57,698	321	1,525	1,846
1914	2,218	129,902	121,567	251,469	2,248	3,872	6,120	512	27,461	31,425	58,886	327	1,517	1,844
1915	2,274	132,243	123,850	256,093	2,297	4,215	6,512	509	28,211	32,654	60,865	331	1,548	1,879
1916	2,191	138,174	129,361	267,535	2,475	4,477	6,952	495	29,645	35,185	64,830	367	1,542	1,909
1917	2,251	134,283	127,479	261,762	2,481	4,551	7,032	495	29,526	34,843	64,369	427	1,543	1,970
1918	2,349	130,156	122,373	252,529	2,421	4,783	7,204	493	29,032	34,444	63,476			1,903
1919	2,406	127,857	119,934	247,791	2,485	4,801	7,286	486	30,088	33,018	63,106	385	1,606	1,991
1920	2,431	135,174	126,748	261,922				489	30,963	35,482	66,445	380	1,570	1,950
1921	2,455	136,127	127,391	263,518	2,438	4,845	7,283	486	31,615	36,433	68,048	402	1,661	2,063
1922	2,526	139,122	128,126	267,248	2,522	4,913	7,435	486	31,429	36,244	67,673	421	1,688	2,109
1923	2,584	142,037	130,619	272,656	2,611	4,963	7,574	486	32,943	37,672	70,615	430	1,724	2,154
1924	2,634	152,947	131,865	274,812	2,660	5,073	7,733	490	33,391	38,534	71,925	432	1,731	2,163
1925	2,702	144,858	135,173	280,031	2,716	5,108	7,824	495	33,260	38,512	71,772			2,212
1926	2,714	147,521	136,482	284,003	3,081	5,490	8,571	493	33,925	39,324	73,249			2,220
1927	2,753	149,824	138,275	288,099	3,356	6,033	9,389	483	33,342	39,219	72,561			2,253
1928	2,763	150,711	138,823	289,534	3,629	5,922	9,551	500	35,701	39,438	75,139			2,325
1929	2,789	152,240	139,600	291,840	3,857	5,875	9,732	501	35,822	40,064	75,886			2,249
1930	2,758	154,004	140,784	294,788	3,963	5,730	9,693	502	35,837	40,107	75,944			2,400
1931	2,747	155,046	141,444	296,490	3,906	5,476	9,382	505	31,682	38,660	73,342			2,286
1932	2,767	145,448	141,863	296,311	3,940	5,263	9,203	504	35,369	38,341	73,710			2,309
1933	2,756	153,833	141,244	292,077	3,987	5,125	9,112	508	35,597	38,248	73,845			2,400
1934	2,764	151,369	139,618	290,987	4,028	4,974	9,002	510	36,275	39,508	75,783			2,498
1935	2,754	150,778	138,381	289,159	4,060	4,818	8,878	518	37,210	40,804	78,014			2,501
1936	2,749	148,322	135,884	284,206	4,179	4,660	8,839	520	37,615	42,178	79,793			2,556
1937	2,742	141,417	129,202	270,619	4,180	4,731	8,911	520	36,917	41,986	78,903			2,492
1938	2,745	138,099	126,254	264,353	4,222	4,593	8,815	516	38,463	41,698	80,161			2,654
1939	2,739	138,312	125,011	263,323	4,309	4,645	8,954	514	38,333	42,322	80,655			2,719
1940	2,724	137,327	124,803	262,130	4,398	4,702	9,100	518	38,565	42,812	81,377			2,733
1941	2,697	134,822	122,448	257,270	4,421	4,921	9,342	518	38,410	42,898	81,308			2,744
1942	2,634	127,896	117,642	245,538	4,471	5,104	9,575	513	38,476	42,684	81,160			2,754
1943	2,613	124,408	111,383	235,791	4,341	5,456	9,797	508	40,138	44,373	84,511			2,853
1944	2,530	123,901	110,919	234,820	4,476	5,741	10,217	502	40,318	45,289	85,607			2,952
1945	2,493	120,832	108,341	229,173	4,005	5,006	9,011	473	39,803	42,793	82,596			2,827
1946	2,423	123,163	110,500	233,663	4,491	5,223	9,714	470	40,263	43,213	83,476			2,860
1947	2,345	123,858	114,030	237,888	4,115	4,524	8,639	469	40,927	43,812	84,739			2,910
1948	2,278	111,028	100,813	211,841	4,166	4,645	8,811	470	41,471	45,200	86,671			2,985
1949	2,231	116,152	105,248	221,400	4,279	4,560	8,839	472	43,685	46,374	90,059			3,015
1950	2,183	123,112	112,679	235,791	4,665	4,962	9,627	476	46,810	49,818	96,628			3,147

PRIMARY AND SECONDARY EDUCATION (a), VICTORIA - continued

Year	Government schools									Non-government schools								
	Number of schools	Number of pupils			Number of teachers			Number of schools	Number of pupils			Number of teachers						
		Males	Females	Persons	Males	Females	Persons		Males	Females	Persons	Males	Females	Persons				
1951	2,119	130,704	118,045	248,749	4,672	4,616	9,288	479	49,414	52,900	102,314				3,272			
1952	2,100	140,618	126,963	267,581	4,851	4,797	9,648	478	52,756	56,201	108,957				3,353			
1953	2,090	149,907	135,372	285,279	5,058	5,031	10,089	489	55,438	59,682	115,120				3,449			
1954	2,049	159,404	143,589	302,993	5,362	5,146	10,508	494	60,259	63,243	123,502	877	2,707		3,584			
1955	2,087	168,287	151,683	319,970	5,566	5,976	11,542	506	64,261	69,446	133,707	894	2,881		3,775			
1956	2,103	178,335	160,318	338,653	5,942	6,101	12,043	521	69,348	72,077	141,425	951	2,969		3,920			
1957	2,132	189,937	170,639	360,576	6,051	6,274	12,325	532	73,240	75,226	148,466	987	3,060		4,047			
1958	2,153	202,471	181,446	383,917	6,508	7,221	13,729	533	76,951	78,574	155,525	1,052	3,188		4,240			
1959	2,184	213,059	190,903	403,962	6,817	7,604	14,421	545	79,229	83,313	162,542	1,067	3,380		4,447			
1960	2,208	223,285	199,110	422,395	7,237	7,744	14,981	546	78,876	81,699	160,575	1,125	3,564		4,689			
1961	2,222	233,153	206,587	439,740	7,665	8,811	16,476	548	81,462	84,403	165,865	1,195	3,665		4,860			
1962	2,210	242,569	214,050	456,619	8,308	9,416	17,724	551	82,914	86,050	168,964	1,275	3,827		5,102			
1963	2,223	249,176	220,664	469,840	9,718	9,323	19,041	562	84,901	88,852	173,753	1,477	4,539		6,016			
1964	2,229	258,450	228,742	487,192	10,409	10,185	20,594	568	87,387	91,263	178,650	1,573	4,757		6,330			
1965	2,232	266,815	237,305	504,120	10,956	10,943	21,899	582	89,191	93,415	182,606	1,658	5,042		6,700			
1966	2,242	277,153	246,633	523,786	11,518	11,545	23,063	579	89,196	93,659	182,855	1,803	5,278		7,081			
1967	2,241	285,721	254,560	540,281	12,072	12,301	24,373	578	90,333	95,189	185,522	1,874	5,564		7,438			
1968	2,247	293,459	262,379	555,838	12,779	13,324	26,103	579	91,711	96,862	188,573	2,029	5,868		7,897			
1969	2,235	301,622	270,503	572,125	13,294	14,663	27,957	572	92,427	97,025	189,452	2,089	5,918		8,007			
1970	2,215	308,199	277,241	585,440	13,428	15,492	28,920	581	93,451	97,577	191,028	2,323	6,393		8,716			
1971	2,197	312,203	281,730	593,933	13,847	16,365	30,212	571	93,546	97,669	191,215	2,332	6,473		8,805			
1972	2,194	315,876	286,738	602,614	14,400	17,664	32,064	570	94,368	97,787	192,155	2,496	6,639		9,135			
1973	2,179	316,391	289,253	605,644	15,336	18,879	34,215	569	95,135	98,302	193,437	2,644	6,944		9,588			
1974	2,161	316,621	292,022	608,643	15,694	19,326	35,020	571	96,525	99,895	196,420	2,822	7,237		10,059			
1975	2,161	321,124	296,988	618,112	16,621	21,107	37,728	578	97,646	101,193	198,839	2,995	7,530		10,525			
1976	2,164	323,499	301,208	624,707	17,557	22,986	40,543	586	98,598	102,485	201,083	3,239	7,484		10,723			
1977	2,162	323,285	303,032	626,317	18,184	23,711	41,895	584	99,391	103,927	203,318	3,543	7,813		11,356			
1978	2,152	321,896	301,713	623,609	18,588	24,393	42,981	600	101,304	105,856	207,160	3,812	8,070		11,882			
1979	2,155	316,430	297,989	614,419	18,629	24,134	42,763	617	103,696	107,445	211,141	4,136	8,520		12,656			
1980	2,158	311,702	294,445	606,147	18,391	23,810	42,201	633	106,159	109,966	216,125	4,293	8,741		13,034			
1981	2,149	306,510	288,532	595,042	18,206	23,563	41,769	632	108,734	112,877	221,611	4,606	9,209		13,815			
1982	2,140	301,469	283,312	584,781	18,362	23,494	41,856	641	111,732	115,471	227,203	4,877	9,561		14,438			
1983	2,124	300,900	281,134	582,034	19,096	23,799	42,895	659	115,369	118,802	234,171	5,191	10,053		15,244			
1984	2,118	296,050	276,563	572,613	19,480	24,611	44,091	734	119,277	122,462	241,739	5,554	11,409		16,963			
1985	2,118	288,595	270,169	558,764	19,008	24,868	43,876	734	121,230	123,946	245,176	5,736	11,646		17,382			
1986	2,114	281,668	264,468	546,136	18,130	23,729	41,859	733	123,568	126,828	250,396	5,926	11,834		17,760			
1987	2,091	276,789	261,106	537,895	18,003	24,683	42,686	729	124,992	128,094	253,086	6,047	12,000		18,047			
1988	2,064	273,623	258,984	532,607	17,636	23,528	41,164	730	127,039	129,673	256,712	6,087	12,437		18,524			
1989	2,059	270,695	257,005	527,700	17,189	24,423	41,612	719	127,652	129,755	257,407	6,029	12,381		18,410			

(a) Care should be taken in interpreting the data in this table. Comparability between years and between government and non-government schools is affected by differences in the organisation of grades, policy on student advancement flows from secondary to vocational education and the recruitment and employment of teachers. In addition, the census date has differed in some years. From 1980 the census has been at 1 July on the first school day thereafter.

UNIVERSITY EDUCATION (a), VICTORIA

Year	Enrolments (b)				Total	Number of academic staff (d)	Course completions (e)		
	Males	Female	Full- time	Part- time (c)			Bachelor	Higher	Total
1855	17	-	17	-	17	4	-	-	-
1856	15	-	15	-	15	4	-	3	3
1857	54	-	54	-	54	5	-	-	-
1858	44	-	44	-	44	6	5	4	9
1859	60	-	60	-	60	6	1	1	2
1860	68	-	68	-	68	6	4	2	6
1861	100	-	100	-	100	7	4	1	5
1862	79	-	79	-	79	8	7	5	12
1863	68	-	68	-	68	10	4	4	8
1864	73	-	73	-	73	13	10	2	12
1865	94	-	94	-	94	15	5	3	8
1866	91	-	91	-	91	15	7	4	11
1867	89	-	89	-	89	15	9	7	16
1868	77	-	77	-	77	15	11	2	13
1869	98	-	98	-	98	14	6	7	13
1870	122	-	122	-	122	15	9	1	10
1871	122	-	122	-	122	14	15	4	19
1872	134	-	134	-	134	15	8	6	14
1873	133	-	133	-	133	20	18	3	21
1874	177	-	177	-	177	20	18	6	24
1875	199	-	199	-	199	20	22	7	29
1876	178	-	178	-	178	20	22	6	28
1877	213	-	213	-	213	20	22	4	26
1878	258	-	258	-	258	20	18	6	24
1879	273	-	273	-	273	20	47	9	56
1880	301	-	301	-	301	20	42	7	49
1881	368	2	370	-	370	20	44	11	55
1882	396	1	397	-	397	24	63	10	73
1883	387	2	389	-	389	22	46	18	64
1884	431	-	431	-	431	25	67	13	80
1885	443	1	444	-	444	22	63	14	77
1886	432	18	450	-	450	22	73	29	102
1887	471	21	492	-	492	29	96	19	115
1888	508	31	539	-	539	30	82	35	117
1889	497	40	537	-	537	32	102	27	129
1890	527	43	570	-	570	32	76	23	99
1891	582	70	652	-	652	33	94	25	119
1892	587	79	666	-	666	38	105	22	127
1893	560	79	639	-	639	38	93	22	115
1894	518	76	594	-	594	38	81	24	105
1895	496	199	695	-	695	37	120	21	141
1896	483	185	668	-	668	37	101	21	122
1897	490	196	686	-	686	38	117	28	145
1898	496	195	691	-	691	38	115	32	147
1899	489	238	727	-	727	39	105	26	131
1900	433	214	647	-	647	41	96	28	124
1901	425	159	584	-	584	43	145	55	200
1902	434	187	621	-	621	50	86	36	122
1903	434	194	628	-	628	55	96	39	135
1904	431	184	615	-	615	46	121	31	152
1905	586	216	695	107	802	44	87	25	112
1906	648	212	775	85	860	50	122	44	166
1907	749	231	862	118	980	63	122	24	146

UNIVERSITY EDUCATION (a), VICTORIA - continued

Year	Enrolments (b)					Number of academic staff (d)	Course completions (e)		
	Males	Female	Full-time	Part-time (c)	Total		Bachelor	Higher	Total
1908	778	265	934	109	1,043	61	139	28	167
1909	845	276	1,014	107	1,121	69	165	34	199
1910	903	334	1,151	86	1,237	69	168	33	201
1911	944	276	1,139	81	1,220	68	197	46	243
1912	1,009	310	1,243	76	1,319	69	141	43	184
1913	1,015	315	1,261	69	1,330	72	216	44	260
1914	1,089	300	1,286	103	1,389	75	276	29	305
1915	955	396	1,269	82	1,351	77	315	32	347
1916	852	445	1,235	62	1,297	87	270	32	302
1917	842	490	1,139	193	1,332	68	204	37	241
1918	910	538	1,278	170	1,448	95	261	34	295
1919	1,415	572	1,859	128	1,987	101	165	39	204
1920	1,910	620	2,337	193	2,530	99	312	75	387
1921	2,003	651	2,423	231	2,654	99	313	68	381
1922	1,975	672	2,404	243	2,647	102	440	74	514
1923	1,848	636	2,187	297	2,484	167	502	71	573
1924	1,764	659	2,177	246	2,423	158	539	80	619
1925	1,952	660	2,071	541	2,612	169	565	79	64
1926	2,153	701	2,182	672	2,854	162	463	88	551
1927	2,209	776	2,150	835	2,985	167	348	78	426
1928	2,164	827	2,245	746	2,991	174	417	62	479
1929	2,238	881	2,134	985	3,119	177	376	51	427
1930	2,345	911	2,205	1,051	3,256	195	392	64	456
1931	2,419	900	2,278	1,041	3,319	222	308	65	373
1932	2,455	969	2,323	1,101	3,424	167	358	73	431
1933	2,418	915	2,234	1,099	3,333	177	341	69	410
1934	2,457	887	2,327	1,017	3,344	238	342	62	404
1935	2,582	915	2,427	1,070	3,497	230	329	91	420
1936	2,770	982	2,501	1,251	3,752	257	344	81	425
1937	2,839	1,022	2,514	1,347	3,861	262	367	74	441
1938	3,117	1,164	2,773	1,508	4,281	295	377	89	466
1939	3,246	1,262	2,901	1,607	4,508	318	435	78	513
1940	3,373	1,246	2,715	1,904	4,619	272	417	65	482
1941	3,288	1,335	2,987	1,636	4,623	317	448	49	497
1942	2,119	1,081	1,834	1,366	3,200	355	450	38	488
1943	2,222	1,315	1,816	1,721	3,537	359	343	54	397
1944	2,463	1,520	2,122	1,861	3,983	373	408	56	464
1945	2,921	1,735	2,419	2,237	4,656	353	441	53	494
1946	5,343	1,940	4,348	2,935	7,283	447	498	61	559
1947	7,383	1,735	5,662	3,456	9,118	559	699	76	775
1948	7,498	2,038	5,677	3,859	9,536	628	824	80	904
1949	7,258	1,970	5,212	4,016	9,228	621	1,191	115	1,306
1950	7,032	1,971	5,212	3,791	9,003	580	1,238	103	1,341
1951	6,340	1,894	4,973	3,261	8,234	562	1,138	96	1,234
1952	5,784	1,536	4,217	3,103	7,320	581	1,044	105	1,149
1953	5,408	1,620	4,128	2,900	7,028	593	958	105	1,063
1954	5,319	1,569	4,258	2,630	6,888	585	951	84	1,035
1955	5,420	1,660	4,260	2,820	7,080	581	967	88	1,055
1956	5,738	1,850	4,574	3,014	7,588	578	1,006	95	1,101
1957	6,038	1,875	4,934	2,982	7,916	593	936	79	1,015
1958	6,833	2,187	5,553	3,467	9,020	653	983	88	1,071
1959	7,618	2,661	6,310	3,969	10,279	850	1,013	97	1,110
1960	8,237	2,920	6,894	4,263	11,157	872	1,181	103	1,284

UNIVERSITY EDUCATION (a), VICTORIA - continued

Year	Enrolments (b)		Number of academic staff (d)					Course completions (e)			
			Full-time		Total	Part-time					
			Males	Female		Full-time	Part-time (c)	research and	Teaching	Research only	Bachelor	Higher	Total
1961	8,707	3,107	7,554	4,260	11,814	831	665	9	1,296	85	1,381
1962	9,378	3,475	8,193	4,660	12,853	1,018	727	10	1,455	116	1,571
1963	10,645	4,076	9,674	5,047	14,721	1,120	881	16	1,621	155	1,776
1964	11,986	4,829	11,416	5,399	16,815	1,308	1,107	16	1,683	137	1,820
1965	12,646	5,258	12,702	5,202	17,904	1,453	1,281	20	1,715	179	1,894
1966	13,841	5,996	14,236	5,601	19,837	1,646	1,447	38	2,151	207	2,358
1967	15,140	6,680	15,956	5,864	21,820	1,833	1,307	30	2,516	215	2,731
1968	16,334	7,287	17,533	6,088	23,621	2,007	1,320	25	2,880	274	3,154
1969	17,960	8,132	18,894	7,198	26,092	2,157	1,538	30	3,455	327	3,782
1970	18,734	8,895	20,098	7,531	27,629	2,258	1,596	30	3,701	407	4,108
1971	19,363	9,633	21,149	7,847	28,996	2,348	1,856	32	4,201	433	4,634
1972	20,359	10,592	22,559	8,392	30,951	2,476	1,986	43	4,366	477	4,843
1973	20,975	11,338	23,154	9,159	32,313	2,355	385	7	4,667	543	5,210
1974	22,010	12,847	24,993	9,864	34,857	2,564	374	6	5,456	515	5,971
1975	22,792	13,882	26,104	10,570	36,674	2,655	304	7	5,660	614	6,274
1976	23,464	14,923	26,992	11,395	38,387	2,692	348	6	5,785	689	6,474
1977	24,484	16,193	28,064	12,613	40,677	2,900	349	14	6,299	668	6,967
1978	24,522	17,436	27,512	14,446	41,958	2,984	350	28	6,675	685	7,360
1979	24,646	18,319	27,229	15,736	42,965	3,034	340	18	6,962	784	7,746
1980	24,659	19,220	27,815	16,064	43,879	3,070	346	28	7,022	645	7,667
1981	24,370	19,849	27,946	16,273	44,219	3,131	385	34	6,932	780	7,712
1982	23,850	20,300	28,110	16,040	44,150	3,160	335	20	7,080	840	7,920
1983	23,406	20,897	28,115	16,188	44,303	3,170	332	23	7,455	917	8,372
1984	23,383	21,570	28,434	16,519	44,953	3,268	343	29	7,584	956	8,540
1985	23,163	22,531	28,502	17,192	45,694	3,312	339	24	7,474	1,006	8,480
1986	23,284	23,644	29,268	17,695	46,963	3,379	336	27	7,500	947	8,447
1987	22,990	23,776	30,339	16,427	46,766	3,398	341	35	8,265	832	9,097
1988	24,286	27,552	34,418	17,420	51,838	3,540	211	n.a.	8,158	832	8,990
1989	25,736	32,683	40,117	13,322	58,419	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

- (a) There were four universities in Victoria in 1989: the University of Melbourne opened 1855, Monash University opened 1961, La Trobe University opened 1967, and Deakin University opened 1977.
- (b) 1855 to 1956 gross enrolments in courses. 1957 to 1971 net enrolments (students in two courses counted once).
- (c) Includes external students.
- (d) From 1961 all part-time staff are expressed in full-time equivalent (FTE).
- (e) Course completions data to 1986 refers to year ended 30 June. 1987 data refer to year ended 31 December.

NON-UNIVERSITY TERTIARY EDUCATION (a) VICTORIA

Year	Number of institutions	Student enrolments	Year	Number of institutions	Student enrolments
1969	15	23,916	1980	22	54,762
1970	16	24,180	1981	22	56,566
1971	16	26,451	1982	19	57,982
1972	16	24,072	1983	18	59,206
1973	15	25,818	1984	18	60,070
1974	31	41,539	1985	18	61,800
1975	31	46,982	1986	18	65,318
1976	30	50,085	1987	19	66,548
1977	23	49,705	1988	19	69,158
1978	23	52,232	1989	18	69,388
1979	23	54,218			

- (a) From 1988 Institutes of tertiary education are included.

PUBLIC EXAMINATIONS, VICTORIA

<i>Matriculation (a)</i>				<i>Matriculation (a)</i>			
<i>Year</i>	<i>Attempted to pass fully</i>	<i>Passed fully</i>	<i>Percentage who passed</i>	<i>Year</i>	<i>Attempted to pass fully</i>	<i>Passed fully</i>	<i>Percentage who passed</i>
1855	16	16	100.0	1881	911	409	44.9
1856	7	7	100.0	1882	940	389	41.4
1857		7		1883	1,004	342	34.1
1858		7		1884	953	438	46.0
1859		10		1885	954	339	35.5
1860	29	14	48.3	1886	857	372	43.4
1861	29	20	69.0	1887	971	385	39.6
1862	27	16	59.3	1888	995	442	44.4
1863	48	29	60.4	1889	992	464	46.8
1864	51	23	45.1	1890	1,271	631	49.6
1865	73	42	57.5	1891	1,293	543	42.0
1866	83	35	42.2	1892	1,434	567	39.5
1867	102	43	42.2	1893	1,290	535	41.5
1868	137	55	40.1	1894	1,255	496	39.5
1869	202	83	41.1	1895	1,171	466	39.8
1870	245	87	35.5	1896	1,195	517	43.3
1871	276	122	44.2	1897	1,122	484	43.1
1872	383	203	53.0	1898	1,140	482	42.3
1873	425	196	46.1	1899	1,235	559	45.3
1874	519	204	39.3	1900	1,159	443	38.2
1875	485	181	37.3	1901	1,136	511	45.0
1876	482	208	43.2	1902	1,047	490	46.8
1877	544	208	38.2	1903	1,199	478	39.9
1878	588	262	44.6	1904	1,162	490	42.2
1879	628	311	49.5	1905	1,238	493	39.8
1880	776	334	43.0	1906	484	224	46.3

<i>Junior Commercial</i>			<i>Junior Public (a) (c)</i>			<i>Senior Public (a)</i>			
<i>Year</i>	<i>Attempted to pass fully</i>	<i>Passed fully</i>	<i>Percentage who passed</i>	<i>Attempted to pass fully</i>	<i>Passed fully</i>	<i>Percentage who passed</i>	<i>Attempted to pass fully</i>	<i>Passed fully</i>	<i>Percentage who passed</i>
1906	(b)	(b)	(b)	914	356	38.9	66	33	50.0
1907	79	26	32.9	1,028	400	38.9	148	86	58.1
1908	88	22	25.0	1,365	539	39.5	175	102	58.3
1909	49	18	36.7	1,517	605	39.9	230	125	54.3
1910	47	12	25.5	1,483	593	40.0	232	117	50.4
1911	49	15	30.6	2,003	888	44.3	391	201	51.4
1912	51	21	41.2	2,174	1,045	48.1	462	249	53.9
1913	48	23	47.9	2,407	1,181	49.1	513	255	49.7
1914	71	28	39.4	2,497	1,166	46.7	731	288	39.4
1915	73	25	34.2	2,853	1,201	42.1	857	429	50.1
1916	74	22	29.7	3,249	1,369	42.1	900	411	45.7
1917	21	14	66.7	933	554	59.4	376	211	56.1

<i>Intermediate (c)</i>			<i>Leaving (d)</i>			<i>Matriculation (a)</i>			
<i>Year</i>	<i>Attempted to pass fully</i>	<i>Passed fully</i>	<i>Percentage who passed</i>	<i>Attempted to pass fully</i>	<i>Passed fully</i>	<i>Percentage who passed</i>	<i>Attempted to pass fully</i>	<i>Passed fully</i>	<i>Percentage who passed</i>
1917	2,352	986	41.9	736	353	48.0			
1918	3,532	1,551	43.9	1,328	597	45.0			
1919	4,006	1,937	48.4	1,652	796	48.2			
1920	4,176	1,667	39.9	2,047	955	46.7			
1921	3,831	1,346	35.1	2,238	827	37.0			
1922	4,431	1,725	38.9	2,587	1,004	38.8			
1923	4,275	1,974	46.2	2,422	1,016	41.9			
1924	4,148	1,858	44.8	2,418	1,053	43.5			

PUBLIC EXAMINATIONS, VICTORIA - *continued*

Year	Intermediate (c)			Leaving (d)			Matriculation (a)		
	Attempted to pass fully	Passed fully	Percentage who passed	Attempted to pass fully	Passed fully	Percentage who passed	Attempted to pass fully	Passed fully	Percentage who passed
1925	4,165	1,919	46.1	2,335	1,098	47.0			
1926	4,421	1,909	43.2	2,434	1,226	50.4			
1927	4,998	2,284	45.7	2,568	1,360	53.0			
1928	5,371	2,457	45.7	2,640	1,317	49.9			
1929	7,282	3,071	42.2	3,467	1,538	44.4			
1930	6,255	3,337	53.3	3,322	1,657	49.9			
1931	7,805	3,412	43.7	4,699	1,877	39.9			
1932	6,103	3,302	54.1	3,492	1,779	50.9			
1933	5,392	2,900	53.8	2,969	1,609	54.2			
1934	6,144	2,781	45.3	3,260	1,396	42.8			
1935	5,095	2,886	56.6	2,595	1,288	49.6			
1936	5,658	3,284	58.0	2,726	1,607	59.0			
1937	6,133	3,749	61.1	2,949	1,806	61.2			
1938	6,582	3,907	59.4	3,263	1,882	57.7			
1939	7,135	4,502	63.1	3,589	2,109	58.8			
1940	7,464	4,489	60.1	4,841	2,227	46.0			
1941	7,378	4,488	60.8	4,959	2,247	45.3			
1942	6,965	4,395	63.1	4,799	2,243	46.7			
1943	7,703	4,616	59.9	5,718	2,492	43.6			
1944	8,245	4,663	56.6	4,970	2,768	55.7	969	619	63.9
1945	9,013	5,165	57.3	5,378	3,375	62.8	1,560	842	54.0
1946	8,538	4,891	57.3	5,331	3,414	64.0	1,992	1,189	59.7
1947	8,636	5,452	63.1	4,964	3,162	63.7	2,130	1,254	58.9
1948	8,320	5,166	62.1	5,015	3,237	64.5	2,043	1,249	61.1
1949	8,375	5,354	63.9	4,763	3,205	67.3	2,041	1,181	57.9
1950	8,608	5,572	64.7	4,999	3,353	67.1	2,278	1,346	59.1
1951	8,573	5,662	66.0	5,211	3,543	68.0	2,449	1,422	58.1
1952	9,240	6,089	65.9	5,387	3,666	68.1	2,639	1,650	62.5
1953	10,895	7,288	66.9	5,983	4,030	67.4	2,556	1,659	64.9
1954	10,720	7,310	68.2	6,882	4,552	66.1	2,700	1,700	63.0
1955	11,742	7,915	67.4	7,079	4,858	68.6	3,045	2,069	67.9
1956	13,162	8,738	66.4	7,564	5,275	69.7	3,328	2,180	65.5
1957	14,812	9,404	63.5	8,615	5,442	63.2	3,760	2,442	64.9
1958	17,228	11,293	65.6	10,393	6,288	60.5	4,257	2,808	66.0
1959	19,323	12,501	64.7	12,192	7,328	60.1	4,723	3,127	66.2
1960	21,230	14,023	66.1	13,733	8,528	62.1	5,466	3,537	64.7
1961	23,621	15,589	66.0	15,636	9,493	60.7	6,651	4,280	64.4
1962	25,718	18,821	73.2	17,704	11,176	63.1	7,951	5,090	64.0
1963				20,852	13,176	63.2	9,072	5,948	65.6
1964							10,801	7,054	65.3
1965							11,474	7,435	64.8
1966							12,296	8,096	65.8
1967							12,898	8,628	66.9
1968							14,617	9,701	66.4
1969							16,932	10,987	64.9
1970							18,756	12,467	66.5
1971							19,351	13,274	68.6
1972							20,044	13,935	69.5
1973							21,521	14,681	68.2
1974							21,686	14,835	68.4
1975							22,966	15,787	68.7
1976							23,676	16,069	67.9
1977							22,533	15,619	69.3

PUBLIC EXAMINATIONS, VICTORIA - CONTINUED

Year	Intermediate (c)			Leaving (d)			Matriculation (a)		
	Attempted to pass fully	Passed fully	Percentage who passed	Attempted to pass fully	Passed fully	Percentage who passed	Attempted to pass fully	Passed fully	Percentage who passed
1978							22,569	15,315	67.9
1979							21,738	15,034	69.2
1980							21,367	14,609	68.4
1981							23,397	16,162	69.1
1982							23,425	16,367	69.9
1983							23,666	17,287	73.0
1984							26,253	20,660	78.7
1985							27,955	22,080	79.0
1986							30,500	24,294	79.7
1987							33,604	26,970	78.5
1988							37,898	30,272	79.9
1989							38,588	31,149	80.7

- (a) Matriculation was first held in 1855 primarily as a qualification for university entrance.
 1906: title changed to senior and junior public examinations.
 1917: title changed to School Leaving Certificate.
 1944: title changed to Matriculation
 1970: title changed to Higher School Certificate (HSC).
 1987: title changed to Victorian Certificate of Education (VCE) - a combination of school based and external assessment.
- (b) Included in Junior Public figures.
- (c) 1963 to 1967 Intermediate was a subject examination (one in which the candidate is presented with a certificate listing the subjects he or she passed, i.e. the candidate does not pass or fail the examination as a whole). The only available figures show the total number of entries (persons) regardless of the number of subjects each is sitting for and have been excluded. Includes candidates with Headmaster's Certificates which were accepted as satisfying the requirements of the examination. 1967 was the last year in which the examination was held.
- (d) Since 1964 known as a subject examination.
 In 1971 the Leaving Certificate commenced to be phased out. A large number of schools conducted their own 5th year secondary examinations.

HEALTH

PUBLIC HOSPITALS (a), VICTORIA

Year	Number of hospitals (a)	Number of beds	Patients treated		Year	Number of hospitals (a)	Number of beds	Patients treated	
			Inpatients	Outpatients				Inpatients	Outpatients
1856	9				1905-06	52	3,512	28,522	80,692
1857	8				1906-07	52	3,694	29,573	85,420
1858	12		4,054	7,435	1907-08	52	3,703	31,332	88,026
1859	17		5,579	11,704	1908-09	53	3,724	31,680	90,539
1860	18	947	7,119	13,749	1909-10	54	3,792	35,014	86,696
1861	19	926	7,610	17,596	1910-11	55	3,897	36,292	76,328
1862	19	1,037	7,222	22,878	1911-12	56	3,897	39,005	81,297
1863	22	1,123	7,529	29,035	1912-13	56	3,923	38,433	80,889
1864	24	1,347	8,892	33,208	1913-14	57	4,095	40,197	80,462
1865	25	1,411	9,939	37,340	1914-15	57	4,040	40,618	84,874
1866	25	1,414	10,183	49,291	1915-16	57	4,191	44,285	87,941
1867	27	1,665	10,517	39,011	1916-17	58	4,607	41,685	89,639
1868	27	1,599	10,822	44,029	1917-18	59	4,735	43,512	88,511
1869	27	1,616	11,515	44,350	1918-19	59	4,800	49,715	85,908
1870	27	1,588	11,915	65,077	1919-20	59	4,768	50,004	90,298
1871	31	1,820	13,087	49,983	1920-21	60	4,845	50,517	93,661
1872	32	1,842	13,316	47,112	1921-22	60	4,850	49,167	109,703
1873	33	2,001	14,654	50,429	1922-23	60	4,965	50,061	106,217
1874	35	2,074	15,268	76,944	1923-24	60	5,097	52,000	112,365
1875	35	2,094	15,515		1924-25	60	5,083	54,477	166,123
1876	35	2,186	15,827		1925-26	60	5,188	56,742	128,895
1877	35	2,196	16,178		1926-27	63	5,473	63,782	142,301
1878	36	2,269	16,713		1927-28	63	5,574	69,017	147,003
1879	37	2,341	16,649		1928-29	63	4,638	70,529	156,986
1880	37	2,339	16,801		1929-30	64	4,622	71,842	174,257
1881	37	2,350	16,828		1930-31	65	4,597	73,028	171,465
1881-82	38	2,229	9,391		1931-32	67	4,684	81,303	216,666
1882-83	39	2,292	16,324		1932-33	68	4,832	81,790	244,653
1883-84	41	2,372	16,390		1933-34	66	6,037	84,770	238,233
1884-85	41	2,401	16,543		1934-35	66	6,828	85,613	235,140
1885-86	41	2,483	17,993		1935-36	66	6,882	91,919	245,305
1886-87	41	2,514	17,978		1936-37	67	7,270	92,472	255,482
1887-88	41	2,563	18,567	54,892	1937-38	67	7,490	89,899	241,067
1888-89	42	2,613	20,434	40,728	1938-39	67	7,642	96,173	261,209
1889-90	42	2,604	20,855	38,498	1939-40	68	7,696	102,369	265,215
1890-91	42	2,672	19,800	41,166	1940-41	67	7,827	109,716	281,278
1891-92	46	2,726	21,056	42,577	1941-42	70	7,264	93,658	263,223
1892-93	46	2,762	21,090	37,315	1942-43	70	7,379	93,157	252,323
1893-94	46	2,800	19,838	41,105	1943-44	72	8,908	131,207	260,063
1894-95	48	2,833	18,825	48,822	1944-45	72	9,092	130,859	271,754
1895-96	48	2,900	19,969	50,817	1945-46	75	9,204	129,109	281,146
1896-97	48	2,934	20,330	55,318	1946-47	86	9,435	147,031	327,910
1897-98	48	2,976	22,997	58,172	1947-48	86	9,505	148,140	342,136
1898-99	49	3,034	22,590	58,730	1948-49	84	8,659	114,504	288,263
1899-1900	50	3,116	22,715	59,960	1949-50	91	8,930	154,231	404,743
1900-01	50	3,231	23,442	68,579	1950-51	93	9,112	165,481	415,495
1901-02	50	3,307	25,350	66,454	1951-52	96	9,237	172,353	422,851
1902-03	50	3,335	25,944	64,004	1952-53	103	9,732	183,639	431,981
1903-04	50	3,394	26,674	84,672	1953-54	109	10,152	193,082	447,838
1904-05	51	3,457	27,461	82,527	1954-55	114	11,121	257,657	596,832

PUBLIC HOSPITALS (a), VICTORIA - continued

Year	Number of hospitals (a)	Number of beds	Patients treated		Year	Number of hospitals (a)	Number of beds	Patients treated	
			Inpatients	Outpatients				Inpatients	Outpatients
1955-56	121	11,350	220,890	512,468	1972-73	147	14,243	419,976	1,116,442
1956-57	126	11,695	233,787	523,803	1973-74	147	14,285	417,646	1,244,610
1957-58	129	11,871	244,402	539,903	1974-75	147	14,474	432,613	1,356,169
1958-59	133	12,002	258,480	564,747	1975-76	148	14,109	455,670	1,642,596
1959-60	136	12,298	260,026	563,693	1976-77	149	14,411	467,216	1,747,849
1960-61	138	12,579	270,840	581,023	1977-78	149	14,192	484,849	1,812,586
1961-62	140	12,658	283,399	617,906	1978-79	149	13,993	500,788	2,004,382
1962-63	142	12,862	290,143	658,006	1979-80	149	13,887	503,434	2,064,730
1963-64	144	12,939	304,254	716,860	1980-81	150	13,879	528,703	2,166,211
1964-65	146	12,998	310,802	767,532	1981-82	148	13,746	522,388	2,033,771
1965-66	147	13,083	319,817	809,192	1982-83	167	14,589	541,021	2,034,503
1966-67	147	13,147	328,789	805,454	1983-84	165	14,290	537,988 (b)	1,988,355
1967-68	147	13,301	339,999	826,446	1984-85	164	14,265	525,815	4,495,095
1968-69	148	13,379	354,060	868,093	1985-86	165 (c)	13,283	530,357	4,651,262
1969-70	147	13,664	365,257	910,233	1986-87	(d)165	13,208	527,545	4,713,212
1970-71	148	13,865	381,786	949,271	1987-88	157	13,437	586,762	5,009,837
1971-72	147	14,103	406,034	1,018,363	1988-89	155	13,388	617,377	n.a.

(a) This table provides data relating to general hospitals, special hospitals (those that have accommodation for specific cases only or for women and/or children exclusively and the Cancer Institute which was established in 1949), sanatoria, auxiliary hospitals, convalescent hospitals, and hospitals for the aged. The table excludes mental hospitals, psychiatric and informal hospitals, (except those hospitals recognised as acute care hospitals under the medicare agreement), intellectual deficiency training centres and schools, founding homes and hospitals, bush nursing centres, and convalescent homes. Also excluded are hospitals operated by the Department of Veteran's Affairs and other Commonwealth authorities.

(b) The number represents outpatient attendances and the outpatient attendance for 1983-84 is 4,719,606.

(c) From 1985-86 the number of beds represents the average number over the year which were staffed and available.

(d) Subsequently affected by amalgamations, closures and inclusion of psychiatric hospitals recognised as acute care hospitals under the medicare agreement.

NOTE: The following factors should be considered when interpreting data from 1948-49 onwards:

i) All years cover a full twelve month period, with the exception of 1948-49 (9 months) and 1954-55 (15 months).

ii) The source of data is the Health Department of Victoria or its predecessors.

iii) Figures for most years in the 1950s are slightly understated due to the failure of some hospitals to submit statistical returns.

AGRICULTURE

Commencing with 1986-87, the scope of the Agricultural Census was changed to include only establishments with an Estimated Value of Agricultural Operations (EVAO) of \$20,000 or more. The scope of previous censuses was establishments undertaking agricultural activity having an EVAO of \$2,500 or more. To assist users in gauging the degree of change, data for 1985-86 have been tabulated on both bases.

**NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY AND LAND
UTILISATION, VICTORIA**

Year ended 31 March	Number of establishments with agricultural activity	Area utilised for -				Balance of estab- lishments hectares	Total area occupied hectares
		Crops (a) hectares	Fallow hectares	Sown pasture (b) hectares	Native pasture hectares		
1836-37		20					
1837-38							
1838-39		61					
1839-40		837					
1840-41		1,299					
1841-42		1,975					
1842-43		3,288					
1843-44		4,886					
1844-45		6,689					
1845-46		10,171					
1846-47		12,779					
1847-48		14,686					
1848-49		16,300					
1849-50		18,605					
1850-51		21,182					
1851-52		23,258					
1852-53		14,881					
1853-54		14,090					
1854-55		22,219					
1855-56	4,326	46,594		31			
1856-57	7,523	72,837		43			620,120
1857-58	10,259	96,206		178			855,156
1858-59	11,573	120,985	2,428	1,053			1,019,468
1859-60	13,175	145,172	4,543	2,373			1,220,374
1860-61	13,653	156,728	8,279	4,711			1,423,294
1861-62	14,960	166,086	6,813	5,121			1,655,483
1862-63	16,416	171,424	7,423	9,506			1,910,948
1863-64	17,679	183,364	8,991	13,143			2,247,841
1864-65	18,355	168,410	10,679	14,943			2,478,784
1865-66	20,063	181,378	13,372	19,813			2,745,886
1866-67	22,698	203,737	12,545	23,662			2,983,863
1867-68	25,828	215,959	13,538	25,493			3,281,382
1868-69	29,218	234,138	22,904	31,444			3,595,309
1869-70	30,214	275,554	19,980	39,358			3,581,263
1870-71	31,842	280,383	28,001	59,482			3,856,916
1871-72	33,720	289,081	32,207	57,992			4,087,603
1872-73	34,569	279,091	30,595	80,063			4,334,893
1873-74	36,602	285,855	27,110	77,556			4,651,277
1874-75	38,468	281,589	31,530	96,333			4,963,302
1875-76	40,852	298,059	39,308	118,645			5,295,006
1876-77	43,057	329,089	34,058	135,064			5,606,926
1877-78	45,448	415,422	30,625	128,810			5,992,156
1878-79	47,050	458,192	39,525	153,535			6,435,075
1879-80	48,969	494,382	66,836	122,004			6,726,246

**NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY AND LAND
UTILISATION, VICTORIA - continued**

Year ended 31 March	Number of establishments with agricultural activity	Area utilised for -				Balance of estab- lishments hectares	Total area occupied hectares
		Crops (a)	Fallow	Sown pasture (b)	Native pasture		
		hectares	hectares	hectares	hectares		
1880-81	49,637	626,781	78,566	103,193		7,341,459	
1881-82	-	582,210	58,407	96,607			
1882-83	33,952	646,271	64,467	115,192			
1883-84	37,146	712,010	70,661	114,082			
1884-85	38,139	733,790	74,137	132,358			
1885-86	38,384	755,749	85,167	132,417			
1886-87	38,216	754,134	112,147	111,811			
1887-88	37,615	831,227	147,449	63,959			
1888-89	35,727	828,469	134,593	74,853			
1889-90	36,497	849,009	153,660	60,548			
1890-91	36,013	822,304	156,036	95,199			
1891-92	35,945	856,884	159,927	70,813			
1892-93	35,223	907,815	199,811	94,338			
1893-94	34,549	945,964	185,013	90,773			
1894-95	34,249	984,595	140,126	81,365			
1895-96	33,684	976,602	117,775	72,945			
1896-97	34,354	1,078,001	105,874	69,842			
1897-98	34,990	1,110,879	161,686	46,838			
1898-99	39,877	1,299,254	209,321	60,766			
1899-1900	40,160	1,278,529	206,084	61,492			
1900-01	39,381	1,260,246	243,973	84,133			
1901-02	43,625	1,200,170	275,906	65,945			
1902-03	43,768	1,313,841	199,229	228,905			
1903-04	49,002	1,371,509	255,972	389,577	10,559,454	12,576,513	
1904-05	52,598	1,344,280	345,533	385,886	9,884,129	13,023,220	
1905-06	54,275	1,303,074	424,886	421,009	10,519,086	13,969,164	
1906-07	56,411	1,336,915	401,030	443,391	10,820,191	14,289,203	
1907-08	57,798	1,308,157	361,911	443,322	11,540,741	15,100,207	
1908-09	59,357	1,400,926	418,616	416,710	11,691,670	15,307,521	
1909-10	61,811	1,480,558	475,810	400,101	11,776,714	15,412,699	
1910-11	66,651	1,599,347	580,391	401,123	11,752,267	15,269,937	
1911-12	66,849	1,473,155	594,730	421,591	11,382,315	15,403,517	
1912-13	68,703	1,650,858	658,514	439,224	11,163,676	15,061,926	
1913-14	70,535	1,777,106	703,576	442,956	11,287,214	15,308,323	
1914-15	71,828	1,870,766	544,928	486,485	11,646,716	15,501,120	
1915-16	73,004	2,311,269	549,702	478,742	11,136,503	15,475,165	
1916-17	73,610	1,963,267	768,725	523,185	11,237,644	15,324,864	
1917-18	74,024	1,663,351	676,930	513,267	11,385,676	15,140,338	
1918-19	74,330	1,595,636	626,503	513,746	11,710,519	15,432,350	
1919-20	75,340	1,619,074	549,376	429,875	12,313,951	15,799,319	
1920-21	77,148	1,816,839	783,370	425,442	11,586,595	15,583,899	
1921-22	79,655	1,833,354	830,806	417,678	11,351,057	15,361,161	
1922-23	80,523	1,967,805	885,000	387,468	11,203,199	15,353,889	
1923-24	80,386	1,894,798	928,470	414,638	11,068,154	15,246,702	
1924-25	80,037	1,926,869	896,489	382,161	10,695,263	14,894,964	
1925-26	78,167	1,794,172	994,369	377,682	10,495,396	14,786,430	
1926-27	77,180	1,916,258	1,039,647	385,358	10,259,805	14,832,908	
1927-28	75,774	2,000,063	1,089,433	406,917	10,348,263	15,309,117	
1928-29	74,912	2,228,060	1,085,960	467,298	10,128,013	15,528,126	
1929-30	74,161	2,257,848	1,004,699	461,810	10,217,035	15,514,981	

**NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY AND LAND
UTILISATION, VICTORIA - *continued***

Year ended 31 March	Number of establishments with agricultural activity	Area utilised for -				Balance of estab- lishments hectares	Total area occupied hectares
		Crops (a)	Fallow	Sown pasture (b)	Native pasture		
		hectares	hectares	hectares	hectares		
1930-31	74,537	2,717,734	1,048,391	499,630	9,511,034	1,522,777	15,299,565
1931-32	74,996	2,188,181	868,383	571,759	10,030,369	1,426,401	15,085,093
1932-33	75,392	2,070,270	1,065,654	612,930	10,088,676	1,420,872	15,258,403
1933-34	75,386	2,131,446	1,029,134	655,943	10,236,633	1,639,765	15,692,921
1934-35	74,473	1,892,993	896,972	772,725	10,333,184	1,830,699	15,726,573
1935-36	73,772	1,796,304	954,564	911,572	10,316,400	1,856,097	15,834,937
1936-37	72,845	1,783,577	1,004,901	998,315	10,620,422	1,709,986	16,117,202
1937-38	72,792	1,886,789	1,054,027	1,139,503	10,356,031	1,908,165	16,344,516
1938-39	72,452	2,031,240	1,029,208	1,248,002	10,396,988	1,801,991	16,507,429
1939-40	72,557	2,024,386	962,103	1,400,291	10,199,641	1,865,371	16,451,791
1940-41	72,382	1,807,810	763,812	1,464,694	10,851,711	1,839,426	16,727,453
1941-42	72,027	1,914,858	850,391	1,541,835	10,468,426	1,934,785	16,710,294
1942-43	71,489	1,553,353	671,848	(c)	(c)	(c)	16,606,090
1943-44	70,961	1,407,858	695,802	1,553,556	11,125,268	1,920,964	16,703,448
1944-45	70,856	1,744,258	685,577	1,458,503	10,714,862	1,920,235	16,523,436
1945-46	70,652	2,155,812	968,831	1,596,182	9,842,257	1,854,058	16,399,141
1946-47	70,750	2,065,105	995,669	1,648,903	9,681,912	1,818,354	16,209,943
1947-48	70,910	2,032,798	1,022,765	2,100,045	9,154,514	1,612,087	15,922,210
1948-49	71,049	1,879,702	948,456	2,353,634	9,025,410	1,521,848	15,729,051
1949-50	70,486	1,813,075	983,342	3,164,716	6,884,458	2,671,009	15,516,599
1950-51	69,698	1,760,878	871,536	2,890,658	8,332,936	1,565,948	15,421,956
1951-52	69,298	1,728,216	820,284	2,750,554	8,538,666	1,514,269	15,351,990
1952-53	69,353	1,734,391	928,710	2,855,340	7,944,191	1,862,129	15,324,762
1953-54	69,392	1,812,818	925,553	3,019,535	7,484,270	1,952,060	15,194,237
1954-55	69,551	1,778,373	888,768	3,300,277	7,340,946	1,994,268	15,302,631
1955-56	69,528	1,838,123	802,388	3,499,480	7,230,810	1,948,844	15,319,644
1956-57	69,509	1,471,985	760,734	3,768,431	7,293,996	1,944,823	15,239,970
1957-58	69,590	1,639,484	665,613	3,952,292	7,136,829	1,911,693	15,305,910
1958-59	69,770	1,938,846	885,134	3,804,527	6,646,280	2,004,307	15,279,093
1959-60	69,778	1,814,109	882,323	3,939,242	6,639,784	1,995,988	15,271,445
1960-61	69,623	1,823,002	897,508	4,065,886	6,435,670	2,129,421	15,351,488
1961-62	69,866	1,834,315	925,424	4,862,444	5,877,388	1,778,953	15,278,524
1962-63	69,700	2,038,276	1,020,357	5,110,882	5,647,412	1,443,313	15,260,240
1963-64	69,775	1,982,782	1,021,777	5,691,306	5,280,126	1,320,149	15,296,139
1964-65	69,737	2,031,313	1,005,411	6,001,327	5,045,500	1,231,522	15,315,073
1965-66	69,199	2,011,061	1,060,409	6,163,580	4,742,623	1,337,103	15,314,776
1966-67	68,466	2,081,500	1,113,493	6,522,066	4,697,625	1,227,620	15,642,305
1967-68	72,802	2,105,472	1,071,002	6,945,583	4,759,378	1,129,461	16,010,896
1968-69	71,056	2,491,442	1,103,673	7,285,443	4,018,681	956,980	15,856,219
1969-70	69,498	2,175,096	706,230	8,159,815	3,785,727	979,135	15,806,004
1970-71	68,555	1,698,536	930,910	8,679,487	3,590,595	860,777	15,760,305
1971-72	67,714	1,937,207	904,527	8,445,265	(d)	4,596,653	15,883,652
1972-73	66,890	1,925,984	803,518	6,456,131	(d)	6,585,790	15,771,423
1973-74	65,327	1,980,007	(c)	7,116,201	2,367,415	4,020,961	15,484,584
1974-75	62,926	1,775,306	(c)	6,978,276	2,639,361	3,833,233	15,226,176
1975-76	58,468	1,850,509	(c)	6,695,640	2,638,675	3,959,580	15,144,404
1976-77	48,994	1,948,004	(c)	6,548,831	2,620,846	3,381,084	14,498,765
1977-78	48,310	2,173,876	(c)	6,500,493	2,508,402	3,471,222	14,653,993
1978-79	48,855	2,214,935	(c)	6,616,540	2,353,142	3,255,912	14,440,529
1979-80	49,616	2,246,656	(c)	6,224,275	2,880,678	3,383,531	14,735,140

**NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY AND LAND
UTILISATION, VICTORIA - continued**

Year ended 31 March	Number of establishments with agricultural activity	Area utilised for -				Balance of estab- lishments hectares	Total area occupied hectares
		Crops (a)	Fallow	Sown pasture (b)	Native pasture		
		hectares	hectares	hectares	hectares		
1980-81	49,399	2,183,811	(c)	6,194,508	2,615,994	3,671,517	14,665,830
1981-82	48,608	2,184,048	(c)	6,007,165	2,651,256	3,604,907	14,447,376
1982-83	47,862	2,233,735	(c)	5,598,282	3,109,132	3,247,932	14,189,081
1983-84	46,508	2,654,844	(c)	5,513,233	2,846,580	3,240,301	14,254,958
1984-85	45,884	2,568,594	(c)	5,657,241	2,630,763	3,337,879	14,194,477
1985-86	44,936	2,527,743	(c)	5,754,325	2,150,437	3,751,352	14,183,857
1985-86	32,981	2,476,590	(c)	5,355,608	1,913,289	3,406,499	13,151,986
1986-87	34,583	2,316,605	(c)	5,820,200	2,262,104	2,728,250	13,127,159
1987-88	32,688	2,158,720	(c)	5,969,540	2,023,797	2,933,483	13,085,540
1988-89	32,035	1,989,604	(c)	6,457,854	1,909,669	2,738,460	13,095,587

(a) Commencing with season 1960-61 the area of pasture cut for hay or seed has been excluded from the area of crops.

(b) Includes oats, barley, and lucerne sown for grazing.

(c) Information not collected.

(d) Native pasture included in balance of establishment.

LIVESTOCK AND PASTORAL PRODUCTION, VICTORIA

Year	Livestock				Greasy wool production (a)	Milk production for all purposes	Butter production (factory and farm)	Cheese production (factory and farm)
	Horses	Cattle	Sheep	Pigs	'000 tonnes	'000 kilolitres	'000 tonnes	'000 tonnes
1836-37	75	155	41,332					
1837-38								
1838-39	524	13,272	310,946					
1839-40								
1840-41	2,372	50,837	782,283					
1841-42								
1842-43	4,065	100,792	1,404,333					
1843-44	6,278	167,156	1,602,798					
1844-45	7,076	187,873	1,860,912					
1845-46	9,289	231,602	1,792,527	3,986				
1846-47	11,400	290,439	2,996,992	5,501				
1847-48	13,292	322,824	4,164,203	5,015				
1848-49	16,495	386,688	5,130,277	5,659				
1849-50	16,733	346,562	5,318,046					
1850-51	21,219	378,806	6,032,783	9,260				
1851-52	22,086	390,923	6,589,923	7,372				
1852-53	34,021	431,380	6,551,506	8,996				
1853-54	15,166	410,139	5,594,220					
1854-55	27,038	481,640	5,332,007	9,278				
1855-56	33,430	534,113	4,577,872	20,686				
1856-57	47,832	646,613	4,641,548	52,227				
1857-58	55,683	614,537	4,766,022	43,632				
1858-59	68,323	699,330	5,578,413	37,756				
1859-60	69,288	683,534	5,794,127	50,965				

LIVESTOCK AND PASTORAL PRODUCTION, VICTORIA - *continued*

Year	Livestock				Greasy	Milk	Butter	Cheese
	Horses	Cattle	Sheep	Pigs	wool	production	production	production
					production	for all	(factory	(factory
					(a)	purposes	and farm)	and farm)
					'000	'000	'000	'000
					tonnes	kilolitres	tonnes	tonnes
1860-61	76,536	722,332	5,780,896	61,259	11			
1861-62	84,057	628,092	6,239,258	43,480	11			
1862-63	86,067	576,601	6,764,851	52,991	11			
1863-64	103,328	675,272	7,115,943	79,655	12			
1864-65	117,182	640,625	8,406,234	113,530	18			
1865-66	121,051	621,337	8,835,380	75,869	20			
1866-67	121,381	598,968	8,833,139	74,708	18			
1867-68	131,148	650,592	9,532,811	141,522	22			
1868-69	143,934	693,682	9,756,819	136,206	28			
1869-70	161,830	692,518	9,923,663	111,464	24			
1870-71	167,220	721,096	10,761,887	130,946	23			
1871-72	181,643	799,509	10,002,381	177,447	31			
1872-73	185,796	812,289	10,575,219	193,722	24			
1873-74	180,342	883,763	11,323,080	160,336	20			
1874-75	180,254	958,658	11,221,036	137,941	39			
1875-76	196,184	1,054,598	11,749,532	140,765	30			
1876-77	194,768	1,128,265	11,278,893	175,578	41			
1877-78	203,150	1,169,576	10,117,867	183,391	37			
1878-79	210,105	1,184,843	9,379,276	177,373	35			
1879-80	216,710	1,129,358	8,651,775	144,733	32			
1880-81	275,516	1,286,267	10,360,285	241,936	34			
1881-82	278,195	1,286,677	10,267,265	239,926	28			
1882-83	280,874	1,287,088	10,174,246	237,917	35			
1883-84	286,779	1,297,546	10,739,021	233,525	39			
1884-85	293,846	1,287,945	10,637,412	234,347	35			
1885-86	304,098	1,290,790	10,681,837	239,837	31			
1886-87	308,553	1,303,265	10,700,403	240,957	32			
1887-88	315,000	1,333,873	10,623,985	243,461	28			
1888-89	323,115	1,370,660	10,818,575	245,818	29			
1889-90	329,335	1,394,209	10,882,231	249,673	30			
1890-91	436,469	1,782,881	12,692,843	282,457	29			
1891-92	440,696	1,812,104	12,928,148	286,780	39		8	2
1892-93	439,596	1,824,704	12,965,306	290,339	41	550	11	2
1893-94	436,903	1,817,291	13,098,725	328,162	33	569	13	2
1894-95	431,547	1,833,900	13,180,943	337,588	33	534	16	2
1895-96	(b)424,995	(b)1,795,314	(b)12,791,084	(b)339,718	40	584	18	2
1896-97	(b)418,444	(b)1,756,728	(b)12,401,225	(b)341,849	33	559	17	2
1897-98	(b)411,892	(b)1,718,142	(b)12,011,367	(b)343,979	36	535	16	2
1898-99	(b)405,340	(b)1,679,556	(b)11,621,508	(b)346,109	33	521	15	2
1899-1900	(b)398,789	(b)1,640,970	(b)11,231,649	(b)348,240	41	670	24	2
1900-01	392,237	1,602,384	10,841,790	350,370	41	721	25	2
1901-02	(b)387,277	(b)1,623,282	(b)10,673,265	(b)334,295	39	709	21	2
1902-03	(b)382,317	(b)1,644,180	(b)10,504,741	(b)318,220	36	636	18	2
1903-04	(b)377,357	(b)1,665,078	(b)10,336,216	(b)302,145	28	787	21	3
1904-05	372,397	1,685,976	10,167,691	286,070	39	797	28	2
1905-06	385,513	1,737,690	11,455,115	273,682	34	738	26	2
1906-07	406,840	1,804,323	12,937,440	220,452	36	669	31	2
1907-08	424,648	1,842,807	14,146,734	211,002	54	827	29	2
1908-09	424,903	1,574,162	12,545,742	179,358	43	673	22	2
1909-10	442,829	1,549,640	12,937,983	217,921	51	741	25	2

LIVESTOCK AND PASTORAL PRODUCTION, VICTORIA - *continued*

Year	Livestock				Greasy wool production	Milk production for all purposes	Butter production (factory and farm)	Cheese production (factory and farm)
	Horses	Cattle	Sheep	Pigs	(a)			
					'000 tonnes	'000 kilolitres	'000 tonnes	'000 tonnes
1910-11	472,080	1,547,569	12,882,665	333,281	58	894	32	2
1911-12	507,813	1,647,127	13,857,804	348,069	61	1,083	39	2
1912-13	530,494	1,508,089	11,892,224	240,072	52	906	31	2
1913-14	562,331	1,528,553	12,113,682	221,277	60	986	33	2
1914-15	552,053	1,362,542	12,051,685	243,196	55	880	28	2
1915-16	493,779	1,043,604	10,545,632	192,002	49	646	19	2
1916-17	514,403	1,175,098	12,576,587	254,436	54	848	27	3
1917-18	514,061	1,371,049	14,760,013	323,159	59	908	29	2
1918-19	523,788	1,596,544	15,773,902	267,819	69	942	30	3
1919-20	513,500	1,631,120	14,422,745	186,810	72	895	27	4
1920-21	487,503	1,575,159	12,171,084	175,275	52	930	29	2
1921-22	496,124	1,750,369	12,325,818	230,770	58	1,115	38	3
1922-23	494,947	1,785,660	11,765,520	294,962	58	1,133	38	2
1923-24	486,075	1,591,367	11,059,761	259,795	49	1,186	39	3
1924-25	473,236	1,605,554	12,649,898	288,509	61	1,340	46	3
1925-26	463,051	1,513,787	13,740,500	339,601	63	1,160	37	2
1926-27	447,988	1,435,761	14,919,653	284,271	69	1,175	37	3
1927-28	428,666	1,327,077	15,557,067	212,785	67	1,185	38	3
1928-29	412,867	1,304,426	16,498,222	222,084	82	1,269	43	2
1929-30	393,015	1,335,242	17,427,203	265,978	73	1,246	41	3
1930-31	379,872	1,429,920	16,477,995	281,245	67	1,427	50	4
1931-32	375,459	1,637,530	16,376,217	286,780	72	1,650	60	4
1932-33	372,907	1,900,922	17,512,394	287,627	77	1,804	68	4
1933-34	361,005	2,002,235	17,195,969	240,530	73	1,677	61	4
1934-35	357,877	2,085,080	16,783,631	265,006	71	1,832	67	5
1935-36	356,106	2,091,246	17,457,291	314,301	74	1,817	67	5
1936-37	357,158	2,005,759	17,663,103	318,673	74	1,924	70	6
1937-38	359,106	1,880,429	18,863,467	285,259	81	1,856	64	7
1938-39	343,828	1,697,295	17,007,352	252,462	75	1,718	59	9
1939-40	326,217	1,787,597	18,251,870	297,655	81	2,077	75	11
1940-41	318,441	1,922,336	20,412,362	397,945	85	2,036	71	8
1941-42	302,401	1,986,544	20,598,201	285,227	97	1,949	64	10
1942-43	292,534	2,022,892	19,614,040	307,929	96	1,735	57	11
1943-44	277,662	2,013,033	19,220,457	337,878	89	1,639	51	12
1944-45	253,782	1,903,110	16,457,101	296,232	80	1,639	48	12
1945-46	232,473	1,827,087	14,655,277	271,887	69	1,708	52	15
1946-47	227,164	2,060,061	16,598,490	290,450	89	2,025	61	18
1947-48	221,454	2,174,203	17,931,173	271,492	91	1,948	58	16
1948-49	213,090	2,224,543	19,170,312	223,823	93	2,102	62	19
1949-50	200,143	2,230,948	19,161,043	212,901	102	2,133	66	22
1950-51	186,415	2,216,253	20,011,933	237,127	99	2,026	60	23
1951-52	169,246	2,214,530	21,537,229	213,670	102	2,031	61	23
1952-53	153,662	2,297,208	21,368,196	182,824	114	1,984	59	23
1953-54	140,818	2,370,184	21,438,007	232,384	101	2,156	65	26
1954-55	132,172	2,456,303	22,329,515	263,666	115	2,440	81	21
1955-56	118,705	2,616,587	23,343,212	227,223	124	2,625	93	14
1956-57	107,859	2,765,049	25,830,544	258,336	136	2,669	91	21
1957-58	98,067	2,749,611	27,090,469	278,628	135	2,571	88	15
1958-59	91,452	2,651,022	26,925,365	253,125	136	2,650	90	18
1959-60	81,225	2,624,019	26,596,613	284,505	147	2,720	91	20

LIVESTOCK AND PASTORAL PRODUCTION, VICTORIA - *continued*

Year	Livestock				Greasy	Milk	Butter	Cheese
	Horses	Cattle	Sheep	Pigs	wool	production	production	production
					production	for all	(factory	(factory
					(a)	purposes	and farm)	and farm)
					'000	'000	'000	'000
					tonnes	kilolitres	tonnes	tonnes
1960-61	64,462	2,863,799	26,619,849	318,523	146	2,713	91	20
1961-62	61,540	3,155,877	27,532,550	325,120	150	2,868	98	24
1962-63	58,172	3,225,196	27,471,730	297,791	144	3,035	103	26
1963-64	55,593	3,300,724	28,412,835	322,051	152	3,159	105	26
1964-65	55,843	3,316,407	30,437,154	378,055	164	3,391	113	28
1965-66		3,396,984	30,968,459	383,509	166	3,414	114	26
1966-67	54,687	3,528,159	31,239,391	350,591	172	3,622	121	31
1967-68		3,474,216	27,908,754	376,990	151	3,338	109	33
1968-69		3,877,826	30,184,874	421,655	165	3,709	127	34
1969-70	53,082	4,462,391	33,156,930	495,128	196	4,057	142	34
1970-71		5,060,711	33,761,487	519,779	195	4,087	136	36
1971-72		5,456,589	29,495,847	589,992	201	3,973	131	39
1972-73		5,464,467	24,105,497	585,227	172	3,945	128	49
1973-74		5,839,690	25,787,551	424,248	155	3,917	128	48
1974-75		6,192,417	26,409,930	383,144	166	3,745	119	45
1975-76		5,868,435	25,395,140	392,834	138	3,518	108	52
1976-77	45,529	5,104,278	21,925,450	396,753	121	3,212	89	52
1977-78	51,561	4,572,412	22,021,356	401,197	130	2,898	90	64
1978-79	63,001	4,134,356	22,750,116	389,976	139	3,248	84	81
1979-80	66,241	4,252,272	24,400,065	421,735	147	3,155	69	95
1980-81	66,748	4,312,123	25,486,993	400,179	146	3,065	68	80
1981-82	63,689	4,121,248	25,340,923	406,253	148	3,028	66	94
1982-83	60,659	3,408,275	22,748,412	386,902	132	3,164	75	95
1983-84	56,480	3,487,000	24,632,399	404,085	142	3,425	94	91
1984-85	53,925	3,575,683	26,470,688	409,538	142	3,540	96	93
1985-86	50,765	3,719,705	26,892,261	431,680	141	3,575	91	97
1985-86	39,733	3,382,899	25,715,626	426,814	135	..	..	..
1986-87	38,926	3,478,030	26,585,784	431,832	125	3,692	90	102
1987-88	40,646	3,473,528	26,997,009	437,161	128	3,649	82	103
1988-89	39,853	3,508,637	28,066,553	422,538	132	3,792	83	115
1989-90	41,000	3,646,000	29,268,000	428,000	143	3,787	91	103

(a) Includes dead and fellmongered wool and wool exported on skins.

(b) Estimated. Figures derived by interpolation.

WHEAT, OATS, AND BARLEY FOR GRAIN, VICTORIA

Year ended 31 March -	Wheat			Oats			Barley		
	Area	Production	Yield per hectare	Area	Production	Yield per hectare	Area	Production	Yield per hectare
	hectares	tonnes	tonnes	hectares	tonnes	tonnes	hectares	tonnes	tonnes
1836-37	20	-	-	-	-	-	-	-	-
1837-38	20	-	-	-	-	-	-	-	-
1838-39	34	-	-	9	-	-	-	-	-
1839-40	527	343	0.65	102	-	-	65	-	-
1840-41	785	1,372	1.75	332	489	1.47	121	204	1.69
1841-42	689	1,302	1.89	520	677	1.30	143	213	1.49
1842-43	984	1,507	1.53	975	1,199	1.23	308	454	1.47
1843-44	1,892	2,832	1.50	1,036	1,284	1.24	430	571	1.33
1844-45	2,800	3,768	1.35	1,248	787	0.63	662	909	1.37
1845-46	4,640	6,388	1.38	1,949	1,295	0.66	303	891	2.94
1846-47	6,395	3,415	1.47	2,468	3,372	1.37	685	1,083	1.58

WHEAT, OATS, AND BARLEY FOR GRAIN, VICTORIA - *continued*

Year ended 31 March -	Wheat			Oats			Barley		
	Area	Production	Yield per	Area	Production	Yield per	Area	Production	Yield per
			hectare			hectare			hectare
hectares	tonnes	tonnes	hectares	tonnes	tonnes	hectares	tonnes	tonnes	
1847-48	7,155	9,518	1.33	2,903	3,763	1.30	875	660	0.75
1848-49	7,846	11,164	1.42	3,354	1,431	0.43	1,044	826	0.79
1849-50	9,812	14,293	1.46	2,177	2,351	1.08	932	1,223	1.31
1850-51	11,538	15,136	1.31	2,027	1,806	0.89	851	910	1.07
1851-52	11,988	19,958	1.66	2,601	2,401	0.92	537	779	1.45
1852-53	6,808	13,573	1.99	1,193	1,760	1.48	166	214	1.29
1853-54	3,057	4,197	1.37	926	921	0.99	166	233	1.40
1854-55	5,191	6,806	1.31	2,161	2,372	1.10	280	325	1.16
1855-56	17,274	31,244	1.81	7,203	11,151	1.55	627	1,024	1.63
1856-57	32,438	50,587	1.56	10,127	11,642	1.15	904	1,577	1.74
1857-58	35,301	49,218	1.39	16,277	22,676	1.39	2,189	3,548	1.62
1858-59	31,660	42,541	1.34	31,374	39,197	1.25	2,154	2,622	1.22
1859-60	43,339	62,490	1.44	36,489	46,332	1.27	1,660	2,232	1.34
1860-61	65,256	94,163	1.44	34,939	47,785	1.37	1,669	1,902	1.14
1861-62	79,692	98,186	1.23	36,851	38,763	1.05	1,384	1,545	1.12
1862-63	65,563	81,878	1.25	43,785	45,437	1.04	2,764	3,244	1.17
1863-64	60,457	36,435	0.60	61,644	63,458	1.03	3,155	2,963	0.94
1864-65	50,602	51,693	1.02	58,397	48,887	0.84	3,095	2,832	0.92
1865-66	72,288	95,642	1.32	41,609	41,358	0.99	2,787	3,481	1.25
1866-67	84,413	126,313	1.50	52,319	70,405	1.35	4,012	6,786	1.69
1867-68	87,812	92,850	1.06	50,725	42,338	0.83	6,468	7,364	1.14
1868-69	105,139	115,101	1.09	46,513	40,978	0.88	7,779	6,638	0.85
1869-70	116,758	155,049	1.33	58,595	68,246	1.16	11,378	15,677	1.38
1870-71	114,998	78,120	0.68	60,423	40,588	0.67	7,950	5,462	0.69
1871-72	135,412	122,492	0.90	71,202	59,872	0.84	6,787	7,609	1.12
1872-73	132,156	146,722	1.11	50,790	44,529	0.88	8,600	10,052	1.17
1873-74	141,630	129,336	0.91	44,917	31,596	0.70	10,252	11,399	1.11
1874-75	134,735	132,000	0.98	46,507	38,494	0.83	11,940	14,059	1.18
1875-76	130,066	135,504	1.04	50,222	49,347	0.98	12,775	15,891	1.24
1876-77	162,448	143,691	0.88	46,623	41,626	0.89	10,131	12,028	1.19
1877-78	228,471	191,006	0.84	42,587	37,022	0.87	7,736	8,589	1.11
1878-79	279,890	164,946	0.59	54,401	42,928	0.79	9,256	9,461	1.02
1879-80	286,189	255,795	0.89	67,831	72,997	1.08	17,475	24,164	1.38
1880-81	395,494	264,736	0.67	54,264	42,863	0.79	27,774	24,241	0.87
1881-82	375,034	237,167	0.63	59,487	65,537	1.10	19,689	21,037	1.07
1882-83	392,287	238,176	0.61	68,753	80,667	1.17	17,693	17,202	0.97
1883-84	446,932	423,753	0.95	76,146	85,595	1.12	18,952	24,263	1.28
1884-85	443,679	283,944	0.64	75,964	79,700	1.05	25,201	24,549	0.97
1885-86	412,813	249,581	0.60	87,410	85,136	0.97	29,992	29,548	0.99
1886-87	426,007	329,309	0.77	75,176	77,221	1.03	14,986	18,775	1.25
1887-88	498,955	362,750	0.73	80,547	82,781	1.03	16,585	21,692	1.31
1888-89	492,580	235,352	0.48	79,933	50,871	0.64	33,784	25,660	0.76
1889-90	477,018	312,862	0.66	95,707	102,419	1.07	36,715	41,529	1.13
1890-91	463,431	347,034	0.75	89,455	89,255	1.00	35,512	35,643	1.00
1891-92	539,318	372,289	0.69	76,954	80,840	1.05	18,219	19,146	1.05
1892-93	543,293	403,189	0.74	71,890	83,004	1.15	15,189	17,559	1.16
1893-94	594,629	415,179	0.70	88,587	89,836	1.01	19,872	23,448	1.18
1894-95	555,904	311,506	0.56	107,826	102,209	0.95	39,400	36,207	0.92
1895-96	571,714	154,290	0.27	103,398	52,255	0.51	31,743	16,229	0.51
1896-97	639,652	192,986	0.30	169,750	123,685	0.73	25,241	18,498	0.73
1897-98	670,747	287,946	0.43	119,052	87,262	0.73	15,056	17,201	1.14
1898-99	871,760	532,916	0.61	107,711	100,215	0.93	19,368	25,233	1.30
1899-1900	876,426	414,709	0.47	109,783	110,968	1.01	32,202	33,250	1.03

WHEAT, OATS, AND BARLEY FOR GRAIN, VICTORIA - *continued*

Year ended 31 March -	Wheat			Oats			Barley		
	Area	Production	Yield per hectare	Area	Production	Yield per hectare	Area	Production	Yield per hectare
	hectares	tonnes	tonnes	hectares	tonnes	tonnes	hectares	tonnes	tonnes
1900-01	816,382	485,725	0.59	146,775	173,859	1.18	23,817	27,567	1.16
1901-02	709,988	330,053	0.46	133,202	122,014	0.92	13,121	15,736	1.20
1902-03	807,054	69,927	0.09	175,427	79,886	0.46	15,263	12,727	0.83
1903-04	796,664	776,339	0.97	175,487	243,760	1.39	19,328	28,643	1.48
1904-05	921,687	574,034	0.62	139,220	112,553	0.81	18,652	19,824	1.06
1905-06	837,909	637,325	0.76	126,283	131,223	1.04	16,567	24,089	1.45
1906-07	822,279	615,562	0.75	153,980	160,493	1.04	21,374	28,473	1.33
1907-08	747,504	329,329	0.44	161,368	94,373	0.58	25,525	24,024	0.94
1908-09	720,303	635,365	0.88	169,915	201,847	1.19	26,162	34,273	1.31
1909-10	848,692	783,266	0.92	155,491	143,579	0.92	23,716	23,210	0.98
1910-11	970,473	947,455	0.98	158,913	175,978	1.11	21,322	30,399	1.43
1911-12	875,767	568,584	0.65	122,311	83,195	0.68	21,667	23,237	1.07
1912-13	843,858	713,676	0.85	177,755	151,021	0.85	28,988	39,565	1.36
1913-14	1,038,368	896,378	0.86	178,895	161,303	0.90	33,731	41,116	1.22
1914-15	1,158,833	107,255	0.09	175,964	29,183	0.17	25,290	13,621	0.54
1915-16	1,489,233	1,592,700	1.07	143,231	169,260	1.18	24,848	39,338	1.58
1916-17	1,264,924	1,392,414	1.10	178,709	150,398	0.84	37,642	40,818	1.08
1917-18	1,088,693	1,027,048	0.94	118,660	111,426	0.94	34,370	44,696	1.30
1918-19	896,173	686,917	0.77	138,753	95,708	0.69	40,549	46,009	1.13
1919-20	776,297	404,379	0.52	226,441	119,804	0.53	34,529	34,669	1.00
1920-21	929,104	1,074,160	1.16	179,533	197,897	1.10	38,022	56,603	1.49
1921-22	1,056,715	1,193,881	1.13	128,966	110,355	0.86	40,520	52,985	1.31
1922-23	1,070,117	971,519	0.91	199,250	146,845	0.74	41,591	55,384	1.33
1923-24	993,147	1,028,631	1.04	210,701	169,937	0.81	22,891	33,009	1.44
1924-25	1,094,806	1,289,051	1.18	209,315	173,671	0.83	25,804	32,768	1.27
1925-26	1,017,176	796,205	0.78	177,129	90,685	0.51	41,843	40,255	0.96
1926-27	1,179,787	1,276,029	1.08	122,791	88,614	0.72	35,975	43,561	1.21
1927-28	1,240,028	711,981	0.57	214,238	84,962	0.40	31,067	35,201	1.13
1928-29	1,504,988	1,274,200	0.85	140,435	101,648	0.72	30,534	35,292	1.16
1929-30	1,443,165	691,618	0.48	255,047	91,781	0.36	39,529	49,517	1.25
1930-31	1,861,637	1,464,588	0.79	150,148	125,079	0.83	35,417	44,977	1.27
1931-32	1,443,058	1,141,852	0.79	177,910	117,032	0.66	26,863	28,501	1.06
1932-33	1,307,522	1,302,077	1.00	149,267	115,464	0.77	37,860	45,256	1.20
1933-34	1,235,478	1,159,739	0.94	212,855	122,992	0.58	43,034	42,841	1.00
1934-35	994,954	703,536	0.71	205,029	95,232	0.46	35,450	36,503	1.03
1935-36	940,390	1,022,000	1.09	204,619	115,486	0.56	47,094	52,490	1.11
1936-37	968,748	1,166,045	1.20	154,213	110,820	0.72	40,470	48,605	1.20
1937-38	1,087,010	1,311,060	1.21	159,623	96,655	0.61	56,566	61,428	1.09
1938-39	1,112,224	492,720	0.44	266,283	52,785	0.20	71,181	37,916	0.53
1939-40	1,144,216	1,226,185	1.07	177,882	150,241	0.84	82,653	84,779	1.03
1940-41	1,081,616	367,993	0.34	226,300	47,614	0.21	75,939	26,920	0.35
1941-42	1,115,752	1,277,875	1.15	170,754	147,858	0.87	82,669	108,682	1.31
1942-43	868,115	1,137,695	1.31	173,223	120,437	0.70	31,502	28,887	0.92
1943-44	725,775	537,053	0.74	172,520	67,222	0.39	33,694	24,452	0.73
1944-45	866,728	95,191	0.11	292,252	24,230	0.08	52,226	8,154	0.16
1945-46	1,315,793	806,499	0.61	206,990	134,296	0.65	54,281	39,548	0.73
1946-47	1,416,860	1,332,770	0.94	183,686	116,146	0.63	55,856	52,660	0.94
1947-48	1,305,987	1,278,107	0.98	263,094	279,067	1.06	66,445	81,120	1.22
1948-49	1,212,320	1,335,292	1.10	218,370	135,889	0.62	79,229	80,460	1.02
1949-50	1,144,562	1,563,093	1.37	195,540	158,182	0.81	95,556	110,590	1.16

WHEAT, OATS, AND BARLEY FOR GRAIN, VICTORIA - *continued*

Year ended 31 March -	Wheat			Oats			Barley		
	Area	Production	Yield per	Area	Production	Yield per	Area	Production	Yield per
			hectare			hectare			hectare
hectares	tonnes	tonnes	hectares	tonnes	tonnes	hectares	tonnes	tonnes	
1950-51	1,107,008	1,394,414	1.26	213,357	163,910	0.77	87,856	102,287	1.16
1951-52	996,974	1,251,772	1.26	273,771	202,325	0.74	75,362	82,091	1.09
1952-53	903,298	1,369,885	1.52	305,995	228,593	0.75	94,938	107,369	1.13
1953-54	966,918	1,461,410	1.51	235,962	178,746	0.76	151,577	179,897	1.19
1954-55	967,270	1,319,533	1.36	260,797	181,813	0.70	113,553	112,167	0.99
1955-56	866,599	1,118,098	1.29	352,509	269,581	0.76	125,093	155,964	1.25
1956-57	633,423	960,224	1.52	247,905	173,365	0.70	139,731	171,211	1.23
1957-58	742,535	874,551	1.18	251,814	172,867	0.69	142,346	123,536	0.87
1958-59	732,492	1,162,017	1.59	392,824	423,450	1.08	146,849	194,609	1.33
1959-60	914,886	1,055,762	1.15	272,354	230,443	0.85	112,341	126,843	1.13
1960-61	1,081,160	1,839,413	1.70	337,880	374,954	1.11	125,167	175,050	1.40
1961-62	1,152,862	1,547,976	1.34	313,390	295,953	0.94	91,253	105,561	1.16
1962-63	1,264,559	1,847,914	1.46	377,235	490,643	1.30	78,629	124,018	1.58
1963-64	1,258,187	2,076,607	1.65	368,290	360,784	0.98	76,946	21,297	1.19
1964-65	1,309,580	2,127,322	1.62	391,040	407,253	1.04	75,651	98,304	1.30
1965-66	1,244,046	1,649,027	1.33	390,806	322,660	0.83	77,812	72,975	0.94
1966-67	1,269,916	1,929,481	1.52	436,606	566,959	1.30	92,127	122,936	1.33
1967-68	1,304,659	770,668	0.59	292,559	124,454	0.43	123,434	61,433	0.50
1968-69	1,612,303	2,469,205	1.53	401,179	548,485	1.37	165,525	201,500	1.22
1969-70	1,334,757	2,273,692	1.70	357,601	470,412	1.32	196,930	257,927	1.31
1970-71	760,423	1,004,288	1.32	399,227	466,603	1.17	269,087	318,368	1.18
1971-72	1,040,169	1,797,280	1.73	329,477	449,423	1.36	295,812	390,858	1.32
1972-73	1,087,377	1,249,303	1.14	254,656	238,227	0.93	277,085	213,587	0.77
1973-74	1,257,938	1,405,367	1.11	271,155	232,740	0.85	221,804	285,358	1.28
1974-75	1,140,653	2,091,303	1.83	197,807	186,023	0.94	242,952	319,358	1.31
1975-76	1,073,130	1,578,505	1.47	281,730	337,165	1.19	344,306	444,600	1.29
1976-77	1,103,099	1,779,550	1.61	241,290	309,016	1.28	366,237	401,827	1.09
1977-78	1,270,263	1,496,693	1.17	228,378	268,546	1.17	418,407	358,632	0.85
1978-79	1,337,441	2,998,471	2.24	290,782	446,197	1.53	365,438	519,099	1.42
1979-80	1,456,901	3,249,550	2.23	255,737	390,300	1.52	325,356	494,106	1.51
1980-81	1,431,042	2,538,004	1.77	218,682	321,664	1.47	302,777	418,049	1.38
1981-82	1,321,674	2,466,794	1.87	245,148	305,997	1.25	314,909	459,426	1.46
1982-83	1,326,574	393,975	0.30	212,939	97,614	0.46	278,217	74,554	0.27
1983-84	1,613,929	3,971,328	2.46	323,706	494,824	1.53	403,439	758,362	1.88
1984-85	1,522,621	2,666,338	1.75	228,293	343,203	1.50	485,505	637,723	1.31
1985-86	1,508,077	2,250,379	1.49	211,543	300,025	1.42	388,631	475,814	1.22
1985-86	1,487,831	2,224,941	1.50	203,630	290,471	1.43	378,467	463,811	1.23
1986-87	1,363,605	2,794,559	2.05	214,766	355,875	1.66	265,362	443,852	1.67
1987-88	1,025,737	1,882,392	1.84	216,239	325,205	1.50	366,241	529,496	1.45
1988-89	930,923	1,691,363	1.82	188,922	276,081	1.46	349,608	544,833	1.56

MAIZE FOR GRAIN, HAY, AND POTATOES, VICTORIA

Year ended 31 March -	Maize for grain			Hay			Potatoes		
	Area	Production	Yield per	Area	Production	Yield per	Area	Production	Yield per
			hectare			hectare			hectare (a)
hectares	tonnes	tonnes	hectares	tonnes	tonnes	hectares	tonnes	tonnes	
1838-39	8	-	-	-	-	-	8	-	-
1839-40	57	-	-	-	-	-	78	-	-
1840-41	-	-	-	-	-	-	61	305	5.00
1841-42	33	30	0.91	182	914	5.02	377	3,794	10.06
1842-43	28	35	1.25	344	2,337	6.79	574	6,092	10.61

MAIZE FOR GRAIN, HAY, AND POTATOES, VICTORIA - *continued*

Year ended 31 March -	Maize for grain			Hay			Potatoes		
	Area	Production	Yield per hectare	Area	Production	Yield per hectare	Area	Production	Yield per hectare (a)
	hectares	tonnes	tonnes	hectares	tonnes	tonnes	hectares	tonnes	tonnes
1843-44	32	-	-	656	2,704	4.12	837	7,044	8.42
1844-45	43	84	1.95	718	6,563	9.14	1,006	12,617	12.54
1845-46	31	50	1.61	2,023	9,795	4.84	826	11,317	13.70
1846-47	49	85	1.73	1,840	9,452	5.14	866	9,169	10.59
1847-48	53	92	1.74	2,053	10,050	4.90	1,068	7,371	6.90
1848-49	60	100	1.67	2,389	10,796	4.52	1,043	12,180	11.68
1849-50	12	6	0.50	4,525	15,891	3.51	870	6,024	6.92
1850-51	10	-	-	5,490	21,308	3.88	1,148	5,703	4.97
1851-52	4	15	3.75	6,808	30,169	4.43	962	6,084	6.32
1852-53	0.4	2	5.00	5,706	21,629	3.79	800	4,584	5.73
1853-54	8	2	0.25	8,834	34,462	3.90	662	2,796	4.22
1854-55	15	10	0.67	12,753	54,488	4.27	1,334	8,518	6.39
1855-56	49	80	1.63	16,264	84,622	5.20	4,458	60,757	13.63
1856-57	132	211	1.60	21,038	82,453	3.92	6,589	37,487	5.69
1857-58	180	167	0.93	30,568	139,682	4.57	8,376	51,936	6.20
1858-59	194	246	1.27	34,869	115,365	3.31	12,151	110,208	9.07
1859-60	299	187	0.63	39,890	137,820	3.46	11,178	49,753	4.45
1860-61	668	636	0.95	36,794	146,526	3.98	10,053	78,498	7.81
1861-62	694	528	0.76	30,222	93,982	3.11	10,997	60,317	5.48
1862-63	506	501	0.99	41,132	112,456	2.73	10,045	51,409	5.12
1863-64	692	852	1.23	38,991	123,796	3.17	11,163	76,150	6.82
1864-65	242	101	0.42	34,457	99,300	2.88	12,615	60,788	4.82
1865-66	132	121	0.92	39,620	97,643	2.46	12,806	84,501	6.60
1866-67	658	699	1.06	37,422	163,831	4.38	13,113	90,307	6.89
1867-68	234	288	1.23	43,857	142,849	3.26	14,500	119,677	8.25
1868-69	349	433	1.24	45,439	124,771	2.75	14,651	81,227	5.54
1869-70	437	562	1.29	56,832	228,424	4.02	16,680	129,694	7.78
1870-71	410	509	1.24	66,037	186,657	2.83	15,793	129,627	8.21
1871-72	692	783	1.13	41,766	146,958	3.52	15,809	127,861	8.09
1872-73	773	958	1.24	49,119	162,531	3.31	15,587	135,132	8.67
1873-74	793	1,025	1.29	46,811	149,764	3.20	15,519	111,585	7.19
1874-75	616	616	1.00	48,170	159,785	3.32	14,238	126,305	8.87
1875-76	949	944	0.99	62,837	209,929	3.34	14,933	126,373	8.46
1876-77	651	658	1.01	59,654	183,458	3.08	16,370	136,234	8.32
1877-78	492	560	1.14	71,610	211,492	2.95	15,017	117,271	7.81
1878-79	785	1,035	1.32	69,929	212,383	3.04	14,782	100,546	6.80
1879-80	990	1,572	1.59	81,524	297,100	3.64	16,835	170,628	10.14
1880-81	716	1,252	1.75	101,032	305,405	3.02	18,596	131,337	7.06
1881-82	722	2,058	2.85	85,854	242,626	2.83	15,835	136,445	8.62
1882-83	1,093	3,343	3.06	125,203	332,640	2.66	13,867	131,685	9.50
1883-84	1,040	2,979	2.86	122,602	440,095	3.59	16,266	163,673	10.06
1884-85	1,560	4,480	2.87	137,482	377,001	2.74	15,687	163,705	10.44
1885-86	1,833	4,604	2.51	170,387	449,214	2.64	17,240	165,821	9.62
1886-87	1,983	5,879	2.96	180,146	490,802	2.72	20,224	173,400	8.57
1887-88	2,441	8,092	3.32	178,795	634,139	3.55	19,531	201,407	10.31
1888-89	2,343	6,786	2.90	166,460	313,062	1.88	17,431	133,254	7.64
1889-90	3,418	9,069	2.65	182,734	677,080	3.71	19,076	159,626	8.37
1890-91	4,191	14,582	3.48	167,156	576,892	3.45	21,779	207,432	9.52
1891-92	3,331	11,734	3.52	149,531	522,662	3.50	23,202	203,741	8.78
1892-93	2,698	9,479	3.51	207,461	751,927	3.62	16,428	144,912	8.82
1893-94	2,624	4,583	1.75	166,821	511,434	3.07	16,555	147,031	8.88
1894-95	2,297	7,482	3.26	199,339	631,523	3.17	22,817	199,863	8.76

MAIZE FOR GRAIN, HAY, AND POTATOES, VICTORIA - *continued*

Year ended 31 March -	Maize for grain			Hay			Potatoes		
	Area	Production	Yield per hectare	Area	Production	Yield per hectare	Area	Production	Yield per hectare (a)
1895-96	2,908	8,938	3.07	187,969	397,134	2.11	17,764	119,120	6.71
1896-97	3,946	14,378	3.64	168,619	456,263	2.71	17,617	148,907	8.45
1897-98	4,390	13,082	2.98	234,718	670,222	2.86	17,886	68,376	3.82
1898-99	4,309	14,912	3.46	228,787	734,908	3.21	16,694	163,728	9.81
1899-1900	4,467	15,872	3.55	182,185	605,762	3.32	22,448	176,164	7.85
1900-01	3,800	15,347	4.04	203,195	688,635	3.39	15,571	125,102	8.03
1901-02	4,055	15,634	3.86	266,785	898,563	3.37	16,211	127,488	7.86
1902-03	4,414	19,064	4.32	235,076	610,922	2.60	20,115	171,468	8.52
1903-04	4,779	22,969	4.81	296,778	1,252,854	4.22	19,801	170,428	8.61
1904-05	4,611	15,844	3.44	183,104	522,571	2.85	18,985	94,363	4.97
1905-06	4,769	16,288	3.42	239,481	878,047	3.67	18,077	117,203	6.48
1906-07	4,678	17,907	3.83	251,366	895,420	3.56	22,408	169,517	7.57
1907-08	4,388	12,923	2.95	276,074	693,322	2.51	21,913	137,279	6.26
1908-09	5,667	16,523	2.92	387,030	1,438,469	3.72	19,386	155,293	8.01
1909-10	7,734	29,415	3.80	349,794	1,205,785	3.45	25,248	177,778	7.04
1910-11	8,155	24,947	3.06	336,969	1,313,153	3.90	25,456	165,933	6.52
1911-12	7,375	20,135	2.73	348,113	1,048,856	3.01	19,300	121,003	6.27
1912-13	8,088	18,169	2.25	487,132	1,598,179	3.28	19,253	194,179	10.09
1913-14	7,269	20,334	2.80	395,655	1,372,048	3.47	30,179	179,436	5.95
1914-15	7,864	25,869	3.29	362,500	578,088	1.59	26,505	192,262	7.25
1915-16	9,008	25,398	2.82	538,417	2,379,685	4.42	23,031	176,611	7.67
1916-17	9,339	29,779	3.19	363,079	1,252,506	3.45	29,792	191,009	6.41
1917-18	8,493	29,282	3.45	303,032	964,785	3.18	27,100	185,119	6.83
1918-19	9,129	18,078	1.98	398,405	1,131,738	2.84	20,890	139,740	6.69
1919-20	9,500	22,326	2.35	452,033	1,262,431	2.79	21,820	148,230	6.79
1920-21	9,773	27,075	2.77	539,607	2,016,711	3.74	25,369	174,383	6.87
1921-22	9,400	24,181	2.57	469,086	1,573,306	3.35	25,857	176,447	6.82
1922-23	10,460	22,351	2.14	510,474	1,691,814	3.31	24,986	150,735	6.03
1923-24	11,778	37,206	3.16	517,029	1,566,025	3.03	24,000	242,348	10.10
1924-25	9,359	22,658	2.42	453,375	1,516,544	3.35	24,805	141,275	5.70
1925-26	8,868	19,527	2.20	410,195	943,980	2.30	25,645	163,309	6.37
1926-27	8,112	17,410	2.15	437,463	1,410,248	3.22	26,784	165,524	6.18
1927-28	7,141	19,249	2.70	367,780	1,017,321	2.77	31,423	234,045	7.45
1928-29	6,506	17,268	2.65	406,735	1,287,779	3.17	27,685	142,408	5.14
1929-30	7,139	13,557	1.90	350,059	978,547	2.80	23,791	174,504	7.33
1930-31	6,567	17,600	2.68	516,945	1,631,675	3.16	27,353	176,123	6.44
1931-32	6,359	15,543	2.44	386,815	1,086,438	2.81	28,299	209,803	7.41
1932-33	6,647	12,120	1.82	422,704	1,408,274	3.33	28,240	185,400	6.57
1933-34	7,907	16,359	2.07	484,109	1,375,524	2.84	24,628	144,413	5.86
1934-35	7,579	18,273	2.41	510,532	1,487,765	2.91	21,940	111,084	5.06
1935-36	8,246	16,222	1.97	461,488	1,368,572	2.97	17,922	105,796	5.90
1936-37	8,140	20,181	2.48	478,182	1,425,568	2.98	18,465	199,779	10.82
1937-38	8,449	19,910	2.36	436,672	1,265,932	2.90	16,635	136,874	8.23
1938-39	7,481	10,582	1.41	446,999	907,307	2.03	13,920	82,722	5.94
1939-40	7,674	9,670	1.26	487,570	1,850,103	3.79	13,022	89,342	6.86
1940-41	6,225	17,856	2.87	272,335	589,550	2.16	17,885	220,044	12.30
1941-42	3,883	7,770	2.00	407,915	1,466,673	3.60	13,513	120,355	8.91
1942-43	2,886	6,892	2.39	319,213	1,066,961	3.34	20,945	198,270	9.47
1943-44	2,670	3,821	1.43	299,740	978,561	3.26	28,502	220,869	7.75
1944-45	1,839	4,200	2.28	365,020	715,549	1.96	33,685	310,115	9.21
1945-46	2,756	7,822	2.84	429,168	1,467,430	3.42	25,495	234,453	9.20
1946-47	3,281	9,066	2.76	274,291	1,001,037	3.65	22,824	227,374	9.96

MAIZE FOR GRAIN, HAY, AND POTATOES, VICTORIA - *continued*

Year ended 31 March -	Maize for grain			Hay			Potatoes		
	Area	Production	Yield per hectare	Area	Production	Yield per hectare	Area	Production	Yield per hectare (a)
	hectares	tonnes	tonnes	hectares	tonnes	tonnes	hectares	tonnes	tonnes
1947-48	3,225	8,230	2.55	265,938	1,059,169	3.98	24,038	187,849	7.81
1948-49	2,614	6,602	2.53	239,307	948,973	3.97	18,529	168,771	9.11
1949-50	2,078	4,931	2.37	245,452	1,016,919	4.14	20,498	170,575	8.32
1950-51	1,655	4,742	2.87	225,594	908,943	4.03	21,239	141,628	6.67
1951-52	1,665	4,266	2.56	259,168	1,063,565	4.10	17,041	181,262	10.64
1952-53	2,094	5,167	2.47	304,701	1,265,203	4.15	21,388	135,285	6.33
1953-54	2,272	7,571	3.33	326,672	1,382,501	4.23	21,345	217,144	10.17
1954-55	1,772	5,811	3.28	299,103	1,227,062	4.10	17,837	209,893	11.77
1955-56	1,431	4,466	3.12	355,836	1,550,489	4.36	14,981	165,859	11.07
1956-57	1,104	2,052	1.86	316,445	1,446,186	4.57	16,068	230,955	14.37
1957-58	1,731	6,141	3.55	352,465	1,436,084	4.07	20,172	255,190	12.65
1958-59	1,571	5,166	3.29	518,864	2,336,136	4.50	18,665	263,509	14.12
1959-60	1,369	4,584	3.35	342,991	1,372,687	4.00	19,630	246,441	12.55
1960-61	1,208	4,346	3.60	520,526	2,375,435	4.56	15,650	183,721	11.74
1961-62	1,339	4,871	3.64	373,133	1,610,602	4.32	14,758	199,178	13.50
1962-63	1,471	5,491	3.73	506,076	2,414,519	4.77	17,411	258,557	14.85
1963-64	1,376	5,167	3.76	460,729	1,978,587	4.29	16,036	203,600	12.70
1964-65	952	2,900	3.05	528,668	2,546,172	4.82	13,327	186,613	14.00
1965-66	681	2,578	3.79	465,529	1,902,893	4.09	13,894	244,651	17.61
1966-67	569	1,832	3.22	630,696	3,029,401	4.80	15,041	228,800	15.21
1967-68	371	812	2.19	471,545	1,581,443	3.35	16,321	219,407	13.44
1968-69	470	1,833	3.90	747,298	3,693,666	4.94	16,179	304,775	18.84
1969-70	463	1,827	3.95	485,606	2,500,451	5.15	16,092	284,040	17.65
1970-71	535	1,578	2.95	512,437	2,494,736	4.87	14,150	303,901	21.48
1971-72	375	1,919	5.12	636,408	3,001,701	4.72	13,986	306,707	21.93
1972-73	495	1,506	3.04	516,798	1,975,143	3.82	13,120	286,990	21.87
1973-74	654	1,890	2.89	625,726	2,967,388	4.74	12,474	254,021	20.36
1974-75	543	1,912	3.52	505,609	2,016,529	3.99	13,010	282,547	21.72
1975-76	526	2,515	4.78	487,554	1,858,060	3.81	10,940	244,467	22.35
1976-77	432	1,710	3.96	517,992	2,004,050	3.87	9,892	243,625	24.63
1977-78	505	1,848	3.66	380,091	1,251,562	3.29	12,147	303,433	24.98
1978-79	513	1,994	3.89	509,550	2,012,410	3.95	11,256	279,613	24.84
1979-80	575	2,850	4.96	411,812	1,615,035	3.92	13,077	333,614	25.51
1980-81	568	3,002	5.29	497,327	1,894,298	3.81	13,702	348,950	25.47
1981-82	476	2,357	4.95	556,335	1,982,371	3.56	13,668	354,197	25.91
1982-83	602	2,449	4.07	348,329	1,064,904	3.06	13,520	291,380	21.55
1983-84	860	5,023	5.84	717,592	3,031,995	4.23	13,497	362,379	26.85
1984-85	1,224	6,303	5.15	386,759	1,516,426	3.92	14,922	379,074	25.40
1985-86	1,091	5,048	4.63	425,182	1,648,310	3.88	14,192	366,971	25.86
1985-86	1,073	4,999	4.66	390,348	1,524,463	3.91	14,078	365,472	25.96
1986-87	637	3,207	5.03	483,382	1,932,324	4.00	13,195	364,319	27.61
1987-88	1,328	5,503	4.14	379,938	1,459,806	3.84	14,458	398,175	27.54
1988-89	250	1,445	5.78	485,530	1,922,512	3.96	13,020	368,307	28.29

(a) Yield per hectare - planted.

MANUFACTURING

FACTORIES, VICTORIA

Year	Manufacturing establishments	Employment	Wages and salaries paid	Value of -		
				Output	Production	Land, buildings, plant, and machinery
			\$m	\$m	\$m	\$m
1850	68					
1851	83					
1852	90					
1853	228					
1854	192					
1855	278					
1856	290					
1857	474					
1858	507					
1859	500					
1860	566	5,467				
1861	531	4,395				
1862	703	6,405				
1863	823	7,369				
1864	704	7,046				
1865	900	10,059				5
1866	983	11,488				5
1867	1,104	14,230				6
1868	1,316	16,770				8
1869	1,530	18,941				9
1870	1,579	17,758				9
1871	1,740	19,569				9
1872	1,770	21,591				10
1873	1,803	24,495				12
1874	2,104	28,036				14
1875	2,241	29,821				11
1876	2,302	31,478				12
1877	2,370	32,688				13
1878	2,343	33,278				14
1879	2,239	33,247				13
1880	2,468	38,178		27		15
1881	2,488	43,208				16
1882	2,612	45,698				17
1883	2,777	46,857				19
1884	2,856	49,393				20
1885	2,813	49,297				22
1886	2,770	45,773				22
1887	2,854	49,084				25
1888	2,975	54,488				30
1889	3,137	57,432				31
1890	3,104	56,369		45		31
1891	3,141	52,225				30
1892	2,952	43,200				27
1893	2,677	39,473				24
1894	2,632	41,000				23
1895	2,804	46,095				24
1896	2,810	50,448				24
1897	2,760	52,701				24

FACTORIES, VICTORIA - *continued*

Year	Manufacturing establishments	Employment	Wages and salaries paid	Value of -		
				Output	Production	Land, buildings, plant, and machinery
			\$m	\$m	\$m	\$m
1898	2,869	54,778				24
1899	3,027	60,070				24
1900	3,097	64,207		39		24
1901	3,249	66,529				25
1902	4,003	73,063				27
1903	4,151	73,229	9			26
1904	4,208	76,287	10	46		27
1905	4,264	80,235	10	50		28
1906	4,360	85,229	11	56		29
1907	4,530	90,903	12	61		30
1908	4,608	93,808	13	62		31
1909	4,755	97,355	14	66		32
1910	4,873	102,176	15	73		33
1911	5,126	111,948	18	83		37
1912	5,263	116,108	20	91		39
1913	5,613	118,744	21	96		42
1914	5,650	118,399	22	99		44
1915	5,413	113,834	22	103		45
1916-17	5,445	116,970	24	120		48
1917-18	5,627	118,241	25	134		51
1918-19	5,720	122,349	28	160		55
1919-20	6,038	136,522	35	203		62
1920-21	6,532	140,743	43	212	74	71
1921-22	6,762	144,876	48	212	84	82
1922-23	7,096	152,625	51	223	90	93
1923-24	7,289	156,162	55	228	95	106
1924-25	7,425	154,158	55	236	97	122
1925-26	7,461	152,959	55	240	96	121
1926-27	7,690	161,639	60	255	105	128
1927-28	8,245	160,357	60	257	108	135
1928-29	8,197	156,568	59	256	106	140
1929-30	8,195	151,009	57	246	103	144
1930-31	8,199	126,016	43	187	79	142
1931-32	8,204	128,265	39	187	76	137
1932-33	8,612	144,428	42	204	82	136
1933-34	8,896	156,334	46	217	88	138
1934-35	9,100	169,691	51	234	98	141
1935-36	9,160	183,390	57	268	108	144
1936-37	9,165	191,383	62	285	117	150
1937-38	9,241	201,789	790	314	130	154
1938-39	9,250	201,831	72	306	132	161
1939-40	9,215	212,461	79	349	148	169
1940-41	9,121	237,636	100	419	178	184
1941-42	8,918	258,400	129	515	222	196
1942-43	8,738	262,357	146	555	243	209
1943-44	9,317	261,299	148	569	247	221
1944-45	9,669	257,633	141	575	245	233
1945-46	10,195	256,249	141	574	241	238
1946-47	10,949	265,757	156	631	263	244
1947-48	11,642	278,271	188	755	317	264
1948-49	12,702	292,006	225	894	366	299
1949-50	13,231	303,476	261	1,053	438	354

FACTORIES, VICTORIA - continued

Year	Manufacturing establishments	Employment	Wages and salaries paid	Value of -		
				Output	Production	Land, buildings, plant, and machinery
			\$m	\$m	\$m	\$m
1950-51	13,504	316,792	326	1,350	551	415
1951-52	14,758	324,143	405	1,668	669	497
1952-53	15,154	310,759	422	1,720	716	565
1953-54	15,533	331,277	472	1,971	817	679
1954-55	15,861	346,648	526	2,201	904	825
1955-56	16,053	355,185	573	2,403	984	931
1956-57	16,232	355,204	593	2,552	1,056	1,067
1957-58	16,426	357,143	621	2,760	1,137	1,160
1958-59	16,527	362,979	649	2,866	1,218	1,294
1959-60	16,979	381,514	741	3,251	1,384	1,466
1960-61	17,173	387,430	776	3,332	1,418	1,642
1961-62	17,300	377,745	770	3,374	1,441	1,828
1962-63	17,501	397,156	839	3,707	1,602	1,957
1963-64	17,597	413,120	912	4,055	1,750	2,062
1964-65	17,925	432,389	1,028	4,501	1,950	2,234
1965-66	17,980	439,149	1,077	4,625	2,028	2,387
1966-67	18,054	445,557	1,168	5,050	2,236	2,617
1967-68	18,030	449,949	1,244	5,351	2,395	2,685
						<i>Fixed capital expenditure less disposals (\$m)</i>
				<i>Turnover</i>	<i>Value added</i>	
1968-69	11,563	431,651	1,342	6,336	2,542	278
1969-70	11,393	445,663	1,497	6,998	2,799	300
1970-71	-	-	-	-	-	-
1971-72	11,408	450,206	1,800	8,055	3,328	374
1972-73	11,735	455,029	2,045	9,078	3,738	438
1973-74	12,070	469,838	2,524	10,669	4,546	418
1974-75	(a) 8,924	432,851	2,961	11,730	5,131	455
	(b) 2,834	5,727	17	100	48	2
1975-76	8,873	417,107	3,287	13,220	5,765	462
1976-77	8,735	409,196	3,650	15,040	6,629	495
1977-78	8,571	396,722	3,831	16,175	6,905	653
1978-79	8,546	394,964	4,102	18,228	7,377	742
1979-80	8,902	397,313	4,563	21,233	8,505	735
1980-81	8,726	391,489	5,032	23,855	9,440	712
1981-82	8,916	392,737	5,757	27,208	10,688	1,046
1982-83	8,393	362,742	5,945	27,747	10,649	998
1983-84	8,404	353,248	6,058	30,081	11,779	779
1984-85	8,499	356,687	6,551	33,436	13,154	1,035
1985-86	..	..	..	..	..	..
1986-87	9,109	357,147	7,449	39,982	15,627	n.a.
1987-88	9,856	367,391	8,297	45,550	n.a.	n.a.

(a) All manufacturing establishment owned by multi-establishment enterprises and single establishment manufacturing enterprises with four or more persons employed. 1975-76 and later figures do not include data for single establishment enterprises with less than four persons employed.

(b) Single establishment manufacturing enterprises with less than four persons employed.

NOTE:

This series of factory statistics has not always been compiled on the same basis. The definition of the unit classified, the industrial classification of manufacturing establishments, and the content of the returns have all changed during the period covered by the table.

A June-July financial year was adopted in respect of 1916-17 (previously a calendar year was used). Undoubtedly, within the very broad headings of various industrial classifications, differences in administrative practices and coverage were also responsible for minor differences. Revisions, when introduced, could not always be carried through statistics for earlier years. Returns were first collected through municipal authorities and for the period 1902 to 1954 by the Victorian Police under the supervision of the Government Statist. Between 1955 and 1958 dispatch and receipt of returns by mail was progressively introduced and the involvement of the Police ceased.

As foreshadowed above, the series can be regarded as divisible into a number of series of varying time spans rather than as a continuous series. Between 1902 and 1967-68 the definition of the unit treated was unchanged. However, a number of changes took place in the classification of the units during that period.

In 1968-69 the first of the integrated economic censuses was conducted of manufacturing, mining, electricity and gas, wholesale, and retail establishments. The integration of these economic censuses meant, that for the first time, they were being conducted on the basis of a common framework of reporting units and data concepts and in accordance with a standard industrial classification. For details see *Victorian Year Book* 1971, pages 368-89.

No Census of Manufacturing Establishments was conducted for the years ending 30 June 1971 and 1986.

From the 1975-76 Census of Manufacturing Establishments onwards, only a limited range of data (employment and wages and salaries) was collected from single establishment manufacturing enterprises with less than four persons employed. This procedure has significantly reduced the statistical reporting obligations of small businesses.

Further steps to reduce respondent burden were taken for the 1986-87 Manufacturing Census when single establishment enterprises with fewer than 20 employees were made subject to sampling. Those enterprises selected in the sample provided detailed information of employment, wages and salaries, turnover, stocks, expenses and goods produced. The balance of establishments provided less detailed information for employment, wages and salaries, turnover and goods produced.

MINING

MINERAL PRODUCTION, VICTORIA

Year	Gold		Black coal		Brown coal		Net value of total mining and quarrying production \$'000
	Quantity	Value (a)	Quantity	Value (a)	Quantity	Value (a)	
	gross oz	\$'000	tonnes	\$'000	tonnes	\$'000	
1851	212,899	1,703					
1852	2,286,535	18,292					
1853	2,744,098	21,953					
1854	2,218,483	17,748					
1855	2,819,288	22,554					
1856	3,053,744	24,430					
1857	2,830,213	22,642					
1858	2,596,231	20,770	2,145	4			
1859	2,348,703	18,790					
1860	2,224,069	17,793					
1861	2,035,173	16,281					
1862	1,730,201	13,842					
1863	1,694,819	13,559					
1864	1,622,447	12,980					
1865	1,611,554	12,892	200	-			
1866	1,546,948	12,373					
1867	1,501,446	12,012					
1868	1,684,918	13,479					
1869	1,544,756	12,358					
1870	1,304,304	10,434	102	-			
1871	1,368,942	10,950					
1872	1,331,377	10,651	10	-			
1873	1,170,397	9,363	512	1			
1874	1,097,643	8,781	2,956	6			
1875	1,068,417	8,547					
1876	963,760	7,710	1,113	2			
1877	809,653	6,477	2,459	5			
1878	758,040	6,064					
1879	758,947	6,072					
1880	829,121	6,633					
1881	833,378	6,667					
1882	864,600	6,917					
1883	780,253	6,242					
1884	778,618	6,229	3,333	7			
1885	735,218	5,882					
1886	665,196	5,322	87	-			
1887	617,751	4,942	3,411	8			
1888	625,026	5,000	8,711	14			
1889	614,838	4,919	14,830	22			
1890	588,560	4,708	14,835	28	9,477	5	
1891	576,399	4,611	23,200	39			
1892	654,456	5,236	23,738	40			
1893	671,126	5,369	93,198	98			
1894	716,954	5,736	174,415	190			
1895	740,086	5,921	197,344	237			
1896	805,087	6,441	230,198	226			
1897	812,766	6,502	240,069	217			
1898	837,257	6,699	246,758	206			
1899	854,500	6,836	266,591	227			
1900	807,407	6,459	214,992	203			

MINERAL PRODUCTION, VICTORIA - continued

Year	Gold		Black coal		Brown coal		Net value of total mining and quarrying production \$'000
	Quantity	Value (a)	Quantity	Value (a)	Quantity	Value (a)	
	fine oz	\$'000	tonnes	\$'000	tonnes	\$'000	
1901	730,453	6,206	212,689	294			
1902	720,866	6,124	228,778	312			
1903	767,297	6,519	65,230	82			
1904	765,600	6,504	123,695	140			
1905	747,166	6,347	157,625	158			
1906	772,290	6,561	163,209	161			
1907	695,576	5,909	140,808	159			
1908	671,208	5,702	115,283	159			
1909	654,222	5,558	130,230	154			
1910	570,383	4,845	374,982	378	457	1	
1911	504,000	4,278	664,359	598			
1912	480,131	4,079	598,599	517			
1913	434,932	3,695	603,444	549			
1914	413,218	3,510	627,447	577			
1915	329,068	2,796	597,543	550	2,910	1	
1916	256,643	2,180	423,879	432	2,962	1	
1917	201,872	1,715	473,703	671	39,772	21	
1918	158,827	1,349	446,630	699	67,263	36	
1919	35,428	1,151	430,749	744	113,420	69	
1920	152,792	1,298	449,339	929	165,293	128	
1921	104,512	88	523,122	1,207	84,496	62	
1922	106,872	908	568,261	1,329	91,853	63	
1923	95,403	810	484,476	1,051	118,764	76	
1924	67,167	571	526,634	1,139	129,536	82	
1925	47,296	402	542,821	1,192	884,439	326	
1926	49,078	417	600,487	1,316	973,310	378	
1927	38,538	327	695,227	1,525	1,478,842	440	
1828	33,917	288	668,889	1,462	1,617,407	405	
1929	26,275	223	715,124	1,627	1,769,122	356	3,402
1930	24,119	205	714,778	1,618	1,860,903	347	3,480
1931	43,637	513	580,512	724	2,229,674	494	2,825
1932	47,745	712	439,292	551	2,654,443	544	2,189
1933	58,183	908	531,394	658	2,621,470	624	2,388
1934	70,196	1,208	262,687	431	2,659,545	524	2,762
1935	87,609	1,546	484,143	870	2,257,170	635	2,919
1936	117,596	1,986	433,574	781	3,093,768	646	3,587
1937	145,799	2,552	262,085	508	3,448,391	652	3,187
1938	144,243	2,563	312,189	573	3,734,441	703	3,453
1939	156,522	3,078	370,752	520	3,709,613	772	3,485
1940	180,567	3,848	271,990	461	4,347,145	783	4,222
1941	149,769	3,201	331,680	608	4,638,916	846	5,019
1942	101,497	2,122	317,875	822	5,013,049	939	4,427
1943	56,511	1,181	291,708	859	5,173,451	1,057	3,769
1944	54,086	1,137	261,828	816	5,096,951	1,133	3,088
1945	61,790	1,323	251,266	989	5,532,502	1,282	3,097
1946	86,993	1,873	194,360	795	5,798,607	1,413	3,470
1947	84,709	1,823	176,471	600	6,238,689	1,875	4,108
1948	68,579	1,476	170,229	695	6,799,702	2,375	4,594
1949	68,426	1,679	124,473	759	7,493,937	2,939	4,346
1950	67,826	2,101	128,460	764	7,444,719	3,413	4,526

MINERAL PRODUCTION, VICTORIA - *continued*

Year	Gold		Black coal		Brown coal		Net value of total mining and quarrying production \$'000
	Quantity	Value (a)	Quantity	Value (a)	Quantity	Value (a)	
	fine oz	\$'000	tonnes	\$'000	tonnes	\$'000	
1951	66,063	2,047	150,114	1,201	7,961,825	5,510	5,938
1952	66,777	2,073	146,128	1,506	8,233,829	6,953	8,418
1953	63,917	1,992	154,345	1,959	8,389,829	7,273	13,264
1954	52,665	1,640	143,586	1,803	9,481,022	7,890	14,554
1955	38,035	1,189	135,021	1,653	10,274,507	8,787	16,292
1956	38,846	1,216	120,734	1,354	10,729,286	9,288	17,738
1957	45,752	1,432	113,360	1,008	10,913,382	10,410	18,914
1958	41,476	1,358	110,098	1,037	11,830,509	11,537	19,888
1959	34,662	1,117	89,123	109	13,243,810	12,386	21,974
1960	28,566	893	78,207	835	15,207,426	13,689	24,202
1961	26,229	824	67,428	719	16,540,44	15,443	26,316
1962	28,262	637	57,631	633	17,412,494	15,682	32,958
1963	24,668	779	51,291	588	18,752,671	16,158	32,394
1964	21,284	665	47,813	544	19,340,300	17,304	33,652
1965	19,246	565	42,925	515	20,990,431	18,436	37,056
1966	21,005	610	36,089	497	22,132,594	20,064	39,958
1967	10,996	345	32,581	251	23,758,914	20,686	43,438
1968	11,069	344	26,736	209	23,339,332	21,555	47,382
							<i>Value added (b)</i>
1968-69	9,286	335	13,312	105	23,499,703	20,879	51,628
1969-70	8,678	293	407	6	24,310,900	22,131	82,478
	<i>grammes</i>						
1970-71	182,826	178	20	-	28,180,539	22,975	217,953
1971-72	193,556	214			23,630,467	25,706	283,445
1972-73	141,054	102			24,121,155	28,555	316,619
1973-74	67,941	81			26,354,577	31,532	389,313
1974-75	217,794	225			27,541,462	45,341	468,513
1975-76	105,582	343			29,211,090	52,871	512,919
1976-77	40,175	112			30,994,476	61,598	548,722
1977-78	9,238	35			30,492,186	73,183	636,873
1978-79	21,799	129			32,101,029	87,641	868,078
1979-80	41,088	456			32,896,281	101,480	1,091,266
1980-81	62,350	829			32,102,948	116,728	1,502,196
1981-82	87,392	853			37,566,541	147,485	1,689,879
1982-83	115,053	1,370			34,998,510	158,383	1,820,366
1983-84	187,472	1,725			34,004,878	145,997	2,241,016
1984-85	901,568	11,297			38,500,759	213,788	2,819,743
1985-86	1,271,669	17,901			35,468,473	245,688	3,069,722
1986-87	1,178,472	21,594			41,797,818	279,930	2,238,981
1987-88	1,634,374	32,868			43,480,844	312,031	2,605,549

(a) Selling value at point sale of mine or quarry products less transport costs from mine or quarry to point of sale, i.e. value of output at mine or quarry. Gold value excludes annual subsidy.

(b) Net value of total production until 1968. Value added of mining and quarrying from 1968-69.

BUILDING

NEW BUILDINGS COMPLETED, VICTORIA

Year	Houses		Other residential buildings		Value of all buildings (a) (c) \$'000
	Number	Value (a) \$'000	Number (b)	Value (b) \$'000	
1945-46	3,666	7,604	14	14	10,942
1946-47	7,436	18,720	86	198	22,134
1947-48	11,846	32,098	167	400	35,782
1948-49	14,278	45,084	368	1,056	54,714
1949-50	15,611	57,708	246	1,326	69,368
1950-51	21,194	88,560	333	1,368	104,280
1951-52	24,088	115,990	416	2,022	137,850
1952-53	21,284	114,222	692	4,176	153,938
1953-54	21,593	116,074	689	3,544	173,440
1954-55	23,839	135,276	781	3,664	197,864
1955-56	22,652	136,416	1,273	6,308	223,188
1956-57	20,185	131,542	897	4,680	229,660
1957-58	21,367	140,564	1,104	5,828	263,512
1958-59	24,329	161,916	1,434	7,628	274,874
1959-60	24,157	163,496	2,062	10,920	296,324
1960-61	22,094	157,596	4,183	27,072	326,304
1961-62	18,969	142,536	4,070	26,686	296,350
1962-63	20,328	154,358	3,772	23,184	333,568
1963-64	22,799	175,846	4,270	23,734	334,830
1964-65	22,821	185,692	8,674	47,564	402,280
1965-66	20,929	184,060	9,506	52,663	415,375
1966-67	22,126	203,556	10,138	55,958	471,943
1967-68	21,592	208,097	12,686	80,541	497,370
1968-69	22,731	230,420	13,775	90,085	578,126
1969-70	24,702	261,899	13,992	101,953	629,109
1970-71	25,179	278,109	12,087	85,717	667,966
1971-72	25,627	306,315	10,091	75,421	677,381
1972-73	28,260	372,099	9,923	82,668	809,900
1973-74(d)	27,067	419,669	10,054	101,311	910,481
1974-75	26,902	511,546	10,440	129,749	1,108,278
1975-76	26,135	610,160	8,174	129,924	1,374,470
1976-77	28,901	796,043	8,924	177,775	1,617,273
1977-78	26,471	832,184	7,018	157,315	1,696,045
1978-79	23,445	769,068	4,514	111,773	1,748,931
1979-80	22,617	785,744	4,323	110,680	1,805,977
1980-81(e)	(f)21,480	817,490	4,420	115,633	1,869,595
1981-82	19,960	870,526	4,530	132,148	2,075,133
1982-83	18,850	866,167	5,006	147,150	2,397,778
1983-84	25,800	1,205,396	5,030	176,244	2,557,736
1984-85	29,650	1,524,763	5,854	223,777	3,229,392
1985-86	29,970	1,741,000	6,499	292,748	3,974,083
1986-87	27,710	1,790,546	5,999	292,950	4,326,017
1987-88	27,670	1,979,120	4,813	253,666	5,019,862
1988-89	30,540	2,421,706	4,377	297,879	6,604,253
1989-90	31,750	2,758,174	2,629	179,625	7,065,692

(a) Excludes value of land.

(b) Individual dwelling units.

(c) Includes houses and flats.

(d) Prior to 1973-74, additions and alterations to dwellings valued at \$10,000 or more were included in the figures.

(e) There was a change in the scope and methodology of the collection in 1980-81 with further modification in 1981-82.

(f) From 1980-81 figures for houses are rounded to the nearest ten units.

TRANSPORT

RAILWAYS, TRAMWAYS, AND OMNIBUS SERVICES, VICTORIA

Year (a)	Victorian Railways				Metropolitan Transit Authority (b)			
	Lines open for traffic	Kilometres run	Passenger journeys	Goods and livestock carried	Tramways		Omnibuses	
					Kilometres run	Passenger journeys	Kilometres run	Passenger journeys
kilometres	'000	'000	'000	'000	'000	'000	'000	
				tonnes				
1862	344	1,507						
1863	344	1,929						
1864	438	2,555						
1865	436	2,378						
1866	436	2,484						
1867	436	2,396						
1868	436	2,477						
1869	436	2,516						
1870	441	2,407						
1871	444	1,477						
1872	529	2,529						
1873	607	2,843	4,724	816				
1874	737	3,394	5,375	919				
1875	970	4,028	6,165	955				
1876	1,157	6,462	6,648	1,172				
1877	1,529	5,264	7,338	1,273				
1878	1,693	5,847	8,005	1,208				
1879	1,811	6,442	14,584	1,132				
1880	1,930	7,050	15,999	1,278				
1881	2,007	7,457	18,973	1,444				
1882	2,181	8,158	22,646	1,711				
1883	2,514	9,176	26,485	1,912				
1884	2,676	11,182	31,936	2,422				
1885	2,697	11,024	34,814	2,309				
1886	2,805	11,679	42,511	2,768	(c)801	(c)16,353		
1887	3,026	12,861	49,220	3,020	(d)2,429	(d)17,992		
1888	3,248	14,617	55,911	3,621	6,495	31,133		
1889	3,539	17,189	68,904	4,227	10,295	45,000		
1890	3,977	18,947	58,952	4,237	11,996	45,274		
1891	4,448	19,714	57,996	4,497	14,758	48,045		
1892	4,674	19,003	55,148	2,765	13,829	43,825		
1893	4,762	17,341	46,521	2,599	13,831	36,405		
1894	4,809	16,327	40,880	2,495	13,293	34,788		
1895	4,960	15,397	40,211	2,475	12,949	33,591		
1896	4,957	14,467	40,994	2,198	12,434	32,874		
1897	4,933	14,852	42,264	2,422	12,616	34,775		
1898	4,933	14,860	43,091	2,447	12,849	36,245		
1899	4,970	15,634	45,805	2,824	13,462	38,875		
1900	5,140	16,267	49,333	3,046	13,536	41,662		
1901	5,171	17,809	54,704	3,436	14,428	47,196		
1902	5,275	18,161	57,465	3,489	14,849	47,262		
1903	5,433	16,554	54,798	3,144	14,555	46,833		
1904	5,441	14,762	54,282	3,494	14,434	49,184		
1905	5,461	14,522	59,702	3,686	14,375	50,297		
1906	5,469	15,115	65,244	3,735	14,537	50,926		
1907	5,473	16,640	71,200	4,029	15,347	59,069		
1908	5,475	17,240	76,054	3,815	15,789	63,955		
1909	5,496	18,715	82,286	4,234	17,246	71,277		
1910	5,626	19,386	86,642	4,540	17,888	75,410		

RAILWAYS, TRAMWAYS, AND OMNIBUS SERVICES, VICTORIA - continued

Year (a)	Victorian Railways				Metropolitan Transit Authority (b)			
	Lines open for traffic	Kilometres run	Passenger journeys	Goods and livestock carried	Tramways		Omnibuses	
					Kilometres run	Passenger journeys	Kilometres run	Passenger journeys
kilometres	'000	'000	'000	'000	'000	'000	'000	
				tonnes				
1911	5,678	21,436	95,207	5,047	19,220	84,294		
1912	5,837	22,859	105,910	5,383	20,709	95,602		
1913	5,877	23,574	113,431	5,233	22,013	103,703		
1914	6,180	25,058	119,002	5,909	23,659	113,280		
1915	6,244	25,557	119,979	5,497	24,007	112,216		
1916	6,608	23,214	118,898	5,923	25,019	126,893		
1917	6,643	23,488	111,792	6,058	26,258	147,969		
1918	6,690	22,769	109,608	6,331	29,152	163,933		
1919	6,754	21,868	117,467	6,620	30,219	173,081		
1920	6,795	25,246	143,251	7,895	30,986	197,709		
1921	6,878	26,689	140,851	7,695	32,723	213,872		
1922	6,959	25,477	149,224	7,611	34,133	218,451		
1923	6,986	26,270	163,120	7,638	34,738	226,632		
1924	7,145	27,753	175,031	8,443	35,381	221,892		
1925	7,224	29,245	173,657	9,103	38,161	228,752	(e)463	(e)1,418
1926	7,456	29,398	175,354	8,869	37,099	226,900	2,334	7,164
1927	7,474	30,226	177,103	9,383	37,345	218,837	1,658	5,374
1928	7,575	31,065	172,350	8,248	38,022	215,810	1,025	4,543
1929	7,578	30,614	168,440	8,319	38,288	211,762	404	1,086
1930	7,601	30,109	164,472	7,634	36,836	197,979	819	3,743
1931	7,607	27,290	141,212	6,197	35,697	173,854	364	1,225
1932	7,609	26,183	131,922	6,297	35,274	161,918	13	5
1933	7,609	26,128	136,078	6,360	35,278	163,688	14	7
1934	7,609	26,107	137,317	5,967	35,393	166,447	16	7
1935	7,609	26,484	145,938	6,120	35,866	172,847	16	8
1936	7,609	27,915	145,818	6,542	35,784	172,992	1,065	4,315
1937	7,609	29,244	147,744	6,948	36,751	178,506	2,070	6,232
1938	7,609	30,400	144,051	7,390	37,007	175,564	2,931	9,212
1939	7,672	30,377	148,543	6,086	36,984	182,094	3,484	11,911
1940	7,670	29,021	151,280	6,302	36,630	185,282	4,781	17,874
1941	7,670	30,316	166,650	6,748	34,722	193,386	8,473	39,694
1942	7,681	30,851	189,775	7,647	35,509	233,136	12,271	61,893
1943	7,670	30,964	205,533	8,919	36,896	265,928	13,861	70,877
1944	7,670	27,697	204,083	8,427	37,015	278,451	13,718	71,632
1945	7,654	27,586	205,738	8,193	36,582	284,139	13,110	70,664
1946	7,654	27,632	205,937	7,345	36,490	281,198	12,657	70,196
1947	7,644	26,392	178,639	7,683	36,202	262,406	11,151	57,947
1948	7,617	28,580	191,105	8,575	36,297	255,804	12,674	67,154
1949	7,574	29,475	185,005	9,001	37,208	266,440	13,029	72,333
1950	7,564	29,803	190,473	9,272	29,499	203,697	10,981	59,765
1951	7,562	23,936	147,177	7,660	34,294	238,709	12,273	67,442
1952	7,574	28,823	171,830	9,352	34,839	217,685	12,228	62,619
1953	7,519	30,052	169,372	9,339	35,752	207,398	12,997	61,045
1954	7,226	31,059	172,498	9,348	35,406	204,747	12,701	59,111
1955	7,163	31,733	170,480	10,244	33,870	202,437	11,653	56,611
1956	7,154	31,535	167,901	9,761	35,813	207,914	9,429	37,209
1957	7,092	31,189	169,137	9,531	35,792	203,323	9,506	34,640
1958	7,083	30,203	169,578	9,034	33,478	195,350	9,560	34,577
1959	6,973	30,311	165,262	9,444	32,689	183,835	9,527	32,242
1960	6,904	30,020	159,865	9,843	31,762	177,868	9,392	31,286

RAILWAYS, TRAMWAYS, AND OMNIBUS SERVICES, VICTORIA - continued

Year (a)	Victorian Railways				Metropolitan Transit Authority (b)			
	Lines open for traffic	Kilometres run	Passenger journeys	Goods and livestock carried	Tramways		Omnibuses	
					Kilometres run	Passenger journeys	Kilometres run	Passenger journeys
kilometres	'000	'000	'000 tonnes	'000	'000	'000	'000	
1961	6,906	29,909	151,302	11,153	31,054	172,055	9,537	30,282
1962	6,906	30,945	154,076	10,516	30,278	167,250	11,254	31,313
1963	6,864	31,863	153,979	11,015	28,498	162,692	11,814	32,634
1964	6,775	32,918	154,640	12,327	28,284	160,479	11,721	32,426
1965	6,777	33,503	150,907	12,798	27,230	147,891	11,695	29,812
1966	6,742	32,925	150,185	12,352	26,730	140,556	10,884	25,120
1967	6,788	32,699	147,301	12,268	26,668	131,876	11,154	25,107
1968	6,775	32,391	147,157	11,294	26,522	127,575	11,805	25,576
1969	6,743	32,103	145,769	11,498	25,861	119,009	11,425	24,271
1970	6,711	33,497	144,571	12,025	24,580	110,692	11,141	22,353
1971	6,705	33,949	142,486	12,691	23,978	109,779	11,294	22,753
1972	6,700	(f)33,175	(f)137,794	(f) 11,795	(f)23,759	101,962	11,190	20,471
1973	6,687	33,057	113,150	11,475	24,443	104,719	11,882	20,993
1974	6,684	33,345	114,648	11,370	23,873	109,368	11,918	22,168
1975	6,658	33,876	117,720	11,057	23,840	111,077	12,027	22,658
1976	6,653	33,818	109,669	10,803	24,235	106,126	12,681	20,821
1977	6,578	33,489	102,654	10,971	24,166	102,886	12,762	20,073
1978	6,364	32,013	97,654	11,120	24,185	101,296	12,874	19,339
1979	6,185	30,856	93,323	11,190	24,191	101,070	12,879	19,927
1980	6,184	30,795	88,911	13,453	23,547	98,889	12,739	19,872
1981	5,870	30,614	88,473	12,721	24,062	100,474	13,162	21,017
1982	5,812	31,136	(g)76,313	11,623	24,030	103,479	13,336	23,546
1983	5,815	30,166	84,323	8,570	24,201	(h)	13,311	(h)
1984	5,748	31,205	87,452	10,786	24,400	102,100	13,500	19,800
1985	5,748	30,288	90,593	11,872	24,000	109,400	13,500	22,700
1986	5,372	29,809	94,263	10,512	24,000	112,400	16,000	26,000
1987	5,257	28,399	97,822	10,615	24,000	112,900	16,000	25,600
1988	5,150	27,435	94,087	10,901	23,800	115,600	17,300	26,450

(a) 1862 to 1870 and 1877 to 1884 year ended 31 December.

1871 six months ended 30 June

1872 to 1875 and 1885 to 1983 year ended 30 June.

1876 eighteen months ended 31 December.

(b) 1886 to 1915 Melbourne Tramway and Omnibus Company.

1916 to 1982 Melbourne and Metropolitan Tramways Board.

1983 Metropolitan Transit Authority.

(c) Ten months only.

(d) Nine months only.

(e) Six months only.

(f) Rounded to nearest thousand from 1972 onwards.

(g) Excluding multi-modal journeys where ticket purchased in trams or buses (from 1982 onwards).

(h) Combined total of 169,677,000

MOTOR VEHICLES, VICTORIA

Year	New motor vehicles registered during period (a)				Motor vehicles on register at 30 June (a)				Drivers' and riders' licences in force 30 June	Net revenue collected by Road Traffic Authority
	Cars and station wagons (b)	Other (c)	Total (d)	Motor cycles	Cars and station wagons (b)	Other (c)	Total (d)	Motor cycles		
1924-25							70,191	19,212	100,021	828
1925-26							83,622	19,929	126,369	1,287
1926-27							111,124	23,011	164,380	1,647
1927-28							126,328	24,015	188,057	1,892
1928-29							143,844	24,554	212,228	2,185
1929-30					125,315	29,167	154,482	25,405	230,853	2,371
1930-31					116,568	28,028	144,596	23,635	228,051	2,212
1931-32					117,160	28,224	145,384	22,568	226,712	2,196
1932-33					124,609	31,554	156,163	23,439	235,613	2,371
1933-34					130,495	33,513	164,008	24,248	245,847	2,522
1934-35					140,483	37,487	177,970	24,968	260,288	2,738
1935-36					143,330	50,500	193,830	26,095	289,486	3,110
1936-37	13,292	7,948	21,240	2,923	137,885	69,025	206,910	26,663	315,826	3,394
1937-38	14,954	8,604	23,558	2,946	145,179	77,943	223,122	27,333	340,438	3,589
1938-39	15,090	6,831	21,921	2,349	153,391	81,766	235,157	26,698	358,417	3,774
1939-40	11,613	5,773	17,386	1,370	156,337	84,575	240,912	25,765	370,838	3,879
1940-41	5,529	3,304	8,833	735	148,437	84,725	233,162	23,572	365,205	3,785
1941-42	1,244	1,590	2,834	270	123,649	84,589	208,238	16,692	339,334	3,305
1942-43	852	1,153	2,005	83	131,417	85,937	217,354	16,275	329,595	2,912
1943-44	527	3,306	3,833	70	136,842	89,354	226,196	17,965	337,171	3,057
1944-45	496	2,351	2,847	86	141,249	94,110	235,359	19,820	353,584	3,214
1945-46	1,208	2,329	3,537	378	146,605	102,196	248,801	23,249	401,610	3,566
1946-47	6,136	4,643	10,779	1,683	157,461	111,263	268,724	26,203	437,924	4,026
1947-48	12,170	9,354	21,524	3,480	171,203	121,097	292,300	29,143	470,971	4,491
1948-49	18,333	11,551	29,884	5,048	189,445	130,277	319,722	31,706	487,407	4,856
1949-50	32,321	17,240	49,561	6,440	227,055	142,592	369,647	34,318	525,709	5,821
1950-51	36,692	19,432	56,124	5,442	263,714	147,049	410,763	33,637	575,753	7,024
1951-52	42,319	22,498	64,817	5,439	347,873	148,050	495,923	37,303	639,910	9,114
1952-53	26,594	11,458	38,052	2,523	376,123	130,172	506,295	33,533	645,962	9,571
1953-54	34,379	11,799	46,178	2,358	397,658	130,707	528,365	30,881	708,307	10,020
1954-55	47,528	15,907	63,435	2,363	456,024	143,930	599,954	29,193	725,826	11,280
1955-56	49,658	17,568	67,226	2,244	447,370	173,987	621,357	25,854	801,852	12,054
1956-57	43,862	14,701	58,563	1,963	473,748	177,690	651,438	24,048	831,847	14,802
1957-58	49,845	15,508	65,353	2,142	504,837	184,165	689,002	22,676	879,779	18,451
1958-59	52,926	16,736	69,662	2,280	538,113	190,036	728,149	21,816	908,343	19,333
1959-60	70,197	17,252	87,449	2,220	585,867	196,445	782,312	20,644	967,952	22,098
1960-61	67,001	14,803	81,804	1,356	625,183	201,132	826,315	18,422	1,032,431	22,538
1961-62	59,664	12,317	71,981	738	655,961	203,902	859,863	16,770	1,079,751	23,334
1962-63	77,892	14,206	92,098	656	704,906	211,558	916,464	15,079	1,112,750	25,176
1963-64	90,506	16,386	106,892	715	761,111	215,358	976,469	13,516	1,162,448	27,433
1964-65	96,268	17,486	113,754	1,000	818,331	218,957	1,037,288	12,526	1,215,435	31,928
1965-66	86,240	17,750	103,990	1,214	860,451	220,649	1,081,100	11,800	1,259,477	44,233
1966-67	87,172	17,048	104,200	1,788	901,121	222,996	1,124,117	12,431	1,313,291	46,357
1967-68	99,136	16,673	115,809	3,019	954,461	223,689	1,178,150	15,386	1,371,673	50,402
1968-69	101,677	18,634	120,311	3,457	1,008,506	227,605	1,236,111	18,527	1,435,797	57,782
1969-70	110,797	20,058	130,855	4,689	1,067,919	232,255	1,300,174	21,342	1,502,074	61,356

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MOTOR VEHICLES, VICTORIA - continued

Year	New motor vehicles registered during period (a)				Motor vehicles on register at 30 June (a)				Drivers' and riders' licences in force 30 June	Net revenue collected by Road Traffic Authority
	Cars and station wagons (b)	Other (c)	Total (d)	Motor cycles	Cars and station wagons (b)	Other (c)	Total (d)	Motor cycles		
1970-71	109,829	18,703	128,532	8,218	1,122,460	235,739	1,358,199	28,912	1,566,396	66,480
1971-72	107,937	19,384	127,321	11,091	1,170,100	239,600	1,409,700	35,700	1,634,118	73,581
1972-73	110,660	21,754	132,414	11,778	1,231,100	250,500	1,481,600	42,200	1,711,808	80,116
1973-74	121,546	23,290	144,836	11,637	1,307,000	264,600	1,571,600	48,800	1,856,910	90,708
1974-75	133,163	26,073	159,236	8,770	1,382,700	280,600	1,663,300	52,600	1,885,874	115,378
1975-76	120,168	26,911	147,159	8,450	1,445,800	286,900	1,732,700	52,000	1,957,056	145,401
1976-77	117,794	28,551	146,345	7,645	1,479,200	298,900	1,778,100	51,100	2,032,520	172,382
1977-78	115,368	28,248	143,616	6,469	1,544,900	318,300	1,863,200	52,300	2,016,063	204,107
1978-79	122,961	24,258	147,219	7,148	1,591,500	328,200	1,919,700	54,300	2,072,172	218,683
1979-80	115,567	22,021	137,588	10,884	1,580,100	326,200	1,906,300	54,000	2,120,469	223,871
1980-81	114,699	23,921	138,620	14,450	1,632,500	339,200	1,971,700	64,200	2,181,714	235,035
1981-82	121,960	27,517	149,477	15,731	1,731,200	366,400	2,097,500	74,300	2,255,439	270,704
1982-83	123,834	26,686	150,520	13,153	1,796,500	381,600	2,178,100	79,600	2,318,698	263,420
1983-84	126,652	26,650	153,302	10,067	1,859,700	400,400	2,260,100	81,700	2,369,622	312,649
1984-85	143,279	29,562	172,841	9,878	1,936,800	417,400	2,354,300	83,400	2,472,792	304,587
1985-86	132,003	26,558	158,561	8,079	1,972,900	422,200	2,395,000	81,800	2,588,163	310,520
1986-87	107,862	20,411	128,273	5,294	2,010,200	434,700	2,444,900	84,500	2,590,358	324,170
1987-88	103,907	18,254	122,161	3,847	2,064,700	440,400	2,505,100	70,100	2,696,706	330,704
1988-89	119,216	22,278	141,494	4,219	2,076,200	440,900	2,517,100	68,100	2,791,312	309,610
1989-90	140,918	28,447	169,365	4,786	2,137,800	446,400	2,584,200	67,900	2,875,289	n.a.

(a) From 1924 to 1982 the data source was the Motor Registration Branch. The Road Traffic Authority has provided this information since 1982.

(b) Excludes defence service vehicles.

(c) Includes ambulances and hearses until 1970-71 inclusive.

(d) Includes utilities, panel vans, trucks, truck-type vehicles, omnibuses, and from 1971-72 onwards, ambulances and hearses.

(e) Excludes motor cycles, tractors, trailers, plant and equipment, and caravans.

ROAD TRAFFIC ACCIDENTS INVOLVING CASUALTIES, VICTORIA

Year (a)	Accidents involving casualties	Persons killed	Persons injured	Rate per -					
				10,000 vehicles registered (b)			100,000 mean population		
				Accidents involving casualties	Persons killed	Persons injured	Accidents involving casualties	Persons killed	Persons injured
1924		224	3,534					13.6	215.2
1925		301	2,688		31.2	278.6		18.0	160.8
1926		351	3,513		29.5	295.6		20.7	207.0
1927		331	3,658		23.3	257.2		19.2	211.7
1928		349	3,714		21.9	233.0		19.9	212.0
1929		344	4,221		19.8	242.4		19.4	238.5
1930		350	4,085		20.1	234.7		19.6	228.7
1931		333	4,042		19.8	240.5		18.5	224.7
1932		311	4,090		17.9	235.4		17.2	226.1
1933		316	5,082		17.2	276.3		17.4	279.2
1934		349	6,812		17.8	348.3		19.1	372.2
1935		382	6,765		18.1	320.0		20.8	368.0
1936		404	7,375		17.8	325.3		21.9	399.5
1937	6,400	427	7,278	264.5	17.6	300.7	345.2	23.0	392.6
1938	6,638	433	7,523	259.1	16.9	293.7	355.9	23.2	403.3
1939	7,098	480	8,074	268.6	18.2	305.5	377.8	25.6	429.7
1940	7,561	515	8,723	283.5	19.3	327.1	400.7	27.3	462.3

ROAD TRAFFIC ACCIDENTS INVOLVING CASUALTIES, VICTORIA - *continued*

Year	Accidents involving casualties	Persons killed	Persons injured	Rate per -					
				10,000 vehicles registered (a)			100,000 mean population		
				Accidents involving casualties	Persons killed	Persons injured	Accidents involving casualties	Persons killed	Persons injured
1941	6,548	412	7,610	255.0	16.0	296.4	341.6	21.5	397.0
1942	5,240	396	5,836	233.0	17.6	259.5	268.9	20.3	299.5
1943	4,166	347	4,749	178.3	14.9	203.3	212.0	17.7	241.6
1944	3,764	266	4,219	154.2	10.9	172.8	189.9	13.4	212.9
1945	3,827	260	4,368	150.0	10.2	171.2	191.5	13.0	218.6
1946	5,285	336	6,202	194.3	12.4	228.0	262.3	16.7	307.8
1947	6,522	386	7,810	221.1	13.1	264.8	319.8	18.9	383.0
1948	6,252	362	7,210	194.5	11.3	224.3	302.0	17.5	348.3
1949	6,940	426	8,225	197.5	12.1	234.0	328.0	20.1	388.7
1950	8,618	501	10,538	213.3	12.4	260.9	396.3	23.0	484.5
1951	9,274	581	11,364	208.7	13.1	255.7	413.5	25.9	506.7
1952	10,111	603	12,531	189.6	11.3	235.0	437.8	26.1	542.5
1953	10,098	515	12,564	187.1	9.5	232.7	425.7	21.7	529.6
1954	10,537	569	13,351	188.4	10.2	238.7	434.9	23.5	551.1
1955	10,217	528	12,833	162.4	8.4	204.0	411.1	21.3	516.4
1956	10,606	582	13,483	163.9	9.0	208.3	414.9	22.8	527.5
1957	10,804	589	14,120	159.9	8.7	209.0	411.5	22.4	537.8
1958	11,233	571	15,015	157.8	8.0	211.0	418.0	21.3	558.8
1959	12,462	661	16,784	166.2	8.8	223.8	453.2	24.0	610.3
1960	12,267	698	16,595	152.8	8.7	206.7	435.1	24.8	588.6
1961	12,140	773	16,757	143.7	9.2	198.4	419.6	26.7	579.1
1962	11,639	818	16,074	132.8	9.3	183.4	393.6	27.7	543.6
1963	12,330	803	17,149	132.4	8.6	184.1	409.4	26.7	569.4
1964	13,067	838	18,401	132.0	8.5	185.9	425.2	27.3	598.7
1965	14,432	907	20,482	137.5	8.6	195.1	460.2	28.9	653.1
1966	14,110	933	20,277	129.1	8.5	185.5	441.8	29.2	634.8
1967	14,077	963	19,994	123.9	8.5	175.9	433.2	29.6	615.3
1968	15,113	868	21,932	126.6	7.3	183.8	457.9	26.3	664.5
1969	15,622	964	22,498	124.5	7.7	179.3	465.8	28.7	670.9
1970	17,030	1,065	24,502	128.9	8.1	185.4	498.5	31.2	717.2
1971	15,327	996	22,067	110.5	7.2	159.1	441.0	28.7	634.9
1972	14,988	884	21,090	102.3	6.3	143.1	410.7	25.5	574.6
1973	14,611	949	20,312	95.0	6.1	131.2	399.3	25.8	551.7
1974	13,452	877	18,634	77.2	5.0	108.1	340.8	21.9	477.1
1975	12,625	910	17,586	73.7	5.3	102.7	339.5	24.5	472.9
1976	12,680	938	17,653	72.1	5.3	100.4	332.7	24.6	463.2
1977	14,803	954	19,874	80.9	5.2	108.6	385.7	24.9	517.8
1978	14,957	869	20,377	78.4	4.6	106.8	387.0	22.5	527.2
1979	14,648	847	19,690	74.7	4.3	100.4	376.9	21.8	506.8
1980	14,988	657	19,957	76.4	3.3	101.7	382.9	16.8	509.9
1981	15,619	766	20,680	76.7	3.8	101.6	395.4	19.4	523.7
1982	15,380	709	20,293	68.4	3.2	90.2	385.2	17.8	508.2
1983	15,225	664	20,008	67.4	2.9	88.6	377.1	16.4	495.5
1984	16,001	657	21,311	68.3	2.8	91.0	392.4	16.1	522.5
1985	16,744	683	22,452	68.8	2.8	92.2	407.0	16.6	544.8
1986	17,291	668	23,274	69.8	2.7	94.0	415.2	16.0	558.9
1987	19,531	705	25,723	77.2	2.8	101.7	464.1	16.8	611.1
1988	(a)	701	(a)	(a)	2.7	(a)	(a)	16.4	(a)

(a) A change of definition has resulted in this series no longer being available on the previous basis.

INTERSTATE AND OVERSEAS SHIPPING, VICTORIA

Year (a)	Shipping entered		Shipping cleared		Year	Shipping entered		Shipping cleared	
	Vessels	Net tonnes	Vessels	Net tonnes		Vessels	Net tonnes	Vessels	Net tonnes
1837	140	12,959	140	13,639	1885	2,154	1,657,448	2,119	1,655,036
1838	137	11,905	136	11,866	1886	2,307	1,877,719	2,324	1,177,529
1839			189	20,679	1887	2,435	1,950,999	2,418	1,969,169
1840	262	44,113	232	34,885	1888	2,724	2,217,093	2,630	1,159,931
					1889	2,855	2,307,274	2,886	2,365,721
					1890	2,474	2,213,517	2,459	2,219,856
1841	272	53,343	228	34,704					
1842	237	44,462	225	34,815	1891	2,531	2,376,403	2,560	2,414,384
1843	238	44,305	230	28,045	1892	2,255	2,260,358	2,266	2,267,419
1844	229	30,447	247	35,151	1893	1,889	2,041,434	1,887	2,052,981
1845	273	31,840	291	31,613	1894	2,083	2,198,444	2,045	2,161,893
1846	349	41,220	340	36,290	1895	1,948	2,216,553	1,889	2,201,930
1847	423	48,654	425	49,415	1896	1,882	2,313,015	1,900	2,326,503
1848	469	68,703	446	55,978	1897	1,888	2,476,307	1,882	2,467,154
1849	484	98,560	460	84,240	1898	2,008	2,512,433	2,043	2,523,860
1850	555	109,764	508	88,485	1899	2,024	2,705,530	2,031	2,721,656
					1900	1,928	2,948,190	1,935	2,959,445
1851	712	131,503	658	112,787					
1852	1,657	414,768	1,475	355,918	1901	2,418	3,446,671	2,347	3,376,603
1853	2,594	733,053	2,268	675,538	1902	2,278	3,420,517	2,286	2,426,685
1854	2,596	807,357	2,607	811,658	1903	2,204	3,464,007	2,263	3,503,915
1855	1,907	560,581	1,995	590,891	1904	2,495	3,991,907	2,503	3,969,394
1856	1,920	547,254	1,959	547,003	1904	2,376	4,053,941	2,274	3,921,037
1857	2,190	705,712	2,207	695,513	1906	2,163	4,102,148	2,160	4,106,264
1858	2,034	658,505	2,015	651,546	1907	2,219	4,271,082	2,216	4,259,647
1859	2,026	644,309	2,056	672,135	1908	2,293	4,560,813	2,290	4,544,082
1860	1,814	590,977	1,841	608,753	1909	2,174	4,579,310	2,157	4,586,752
					1910	2,308	5,031,757	2,310	5,034,297
1861	1,778	558,010	1,820	549,487					
1862	1,715	565,115	1,766	591,231	1911	2,335	5,222,684	2,347	5,239,721
1863	1,739	634,077	1,782	627,972	1912	2,399	5,513,236	2,385	5,497,644
1864	1,816	630,154	1,896	651,912	1913	2,481	6,045,533	2,469	5,997,009
1865	1,743	590,298	1,823	608,971	1914	1,281	3,201,258	1,297	3,259,895
1866	2,078	660,411	2,203	686,587	1914-15	2,324	5,374,969	2,329	5,394,024
1867	1,847	602,756	1,955	626,929	1915-16	2,392	5,014,338	2,385	4,980,926
1868	2,067	663,848	2,172	696,205	1916-17	1,962	4,107,706	1,967	4,115,099
1869	2,320	732,850	2,334	742,693	1917-18	1,721	2,917,428	1,724	2,919,894
1870	2,039	674,417	2,187	692,030	1918-19	1,730	2,917,053	1,709	2,861,134
					1919-20	1,792	4,051,258	1,809	4,085,728
1871	2,137	673,643	2,257	703,130					
1872	2,104	677,031	2,234	705,572	1920-21	2,246	4,737,969	2,248	4,726,480
1873	2,187	768,238	2,226	775,157	1921-22	2,442	5,594,500	2,436	5,606,963
1874	2,100	789,583	2,122	805,229	1922-23	2,634	6,717,464	2,634	6,725,202
1875	2,171	853,874	2,223	846,877	1923-24	2,666	6,891,354	2,676	6,858,208
1876	2,086	823,063	2,150	860,621	1924-25	2,577	6,916,615	2,605	6,986,720
1877	2,192	954,743	2,219	950,336	1925-26	2,470	6,589,654	2,447	7,107,045
1878	2,119	967,026	2,173	977,112	1926-27	2,667	7,302,501	2,666	7,295,999
1879	2,084	978,545	2,083	992,818	1927-28	2,589	6,954,668	2,608	6,979,565
1880	2,076	1,096,201	2,115	1,118,685	1928-29	2,474	6,907,201	2,466	6,924,691
					1929-30	2,499	7,021,970	2,488	6,987,801
1881	2,125	1,238,800	2,123	1,211,813					
1882	2,089	1,370,746	2,079	1,363,327	1930-31	2,166	6,260,594	2,181	6,338,450
1883	2,023	1,488,261	2,064	1,523,647	1931-32	2,097	6,092,331	2,101	6,115,264
1884	1,986	1,594,347	1,989	1,607,823	1932-33	2,343	6,796,268	2,296	6,781,258

INTERSTATE AND OVERSEAS SHIPPING, VICTORIA - *continued*

Year (a)	Shipping entered		Shipping cleared		Cargo			
	Vessels	Net tonnes	Vessels	Net tonnes	Shipped		Discharged	
		'000		'000	'000 tonnes weight	'000 tonnes measurement	'000 tonnes weight	'000 tonnes measurement
1933-34	2,393	6,900	2,359	6,884	1,376	435	2,515	673
1934-35	2,603	7,555	2,585	7,526	1,558	458	3,013	755
1935-36	2,719	8,067	2,711	8,035	1,752	481	3,375	821
1936-37	2,848	8,229	2,849	8,200	2,032	518	3,610	886
1937-38	3,019	8,675	2,991	8,658	2,137	712	3,922	1,094
1938-39	2,979	8,674	2,989	8,616	1,480	596	3,808	974
1939-40	2,658	7,138	2,672	7,206	1,329	844	3,122	1,682
1940-41	2,465	5,680	2,473	5,658	1,278	1,037	3,380	1,514
1941-42	2,154	4,523	2,139	4,531	1,174	993	3,766	1,367
1942-43	1,681	3,335	1,678	3,313	1,044	940	3,296	1,010
1943-44	1,494	3,049	1,499	3,034	1,099	873	3,013	998
1944-45	1,412	3,047	1,444	3,147	1,051	1,119	3,475	817
1945-46	1,442	3,542	1,434	3,538	899	820	3,392	716
1946-47	1,679	4,922	1,659	4,881	1,178	843	3,449	786
1947-48	1,846	5,770	1,825	5,698	1,544	714	3,907	870
1948-49	2,068	7,168	2,709	7,205	1,388	851	4,083	1,267
1949-50	2,315	8,439	2,314	8,435	1,532	797	4,539	1,752
1950-51	2,287	8,666	2,316	8,737	1,726	744	5,050	1,924
1951-52	2,316	8,889	2,328	8,982	1,508	758	5,305	2,229
1952-53	2,448	8,764	2,437	8,727	1,443	870	4,825	927
1953-54	2,546	9,158	2,541	9,155	1,339	1,037	5,169	1,457
1954-55	2,718	10,111	2,719	10,109	2,181	1,108	6,259	1,857
1955-56	2,757	10,707	2,755	10,641	2,593	1,044	7,365	1,897
1956-57	2,698	10,035	2,699	9,993	2,673	1,022	7,190	1,423
1957-58	2,830	10,542	2,801	10,440	2,503	1,027	7,432	1,553
1958-59	2,899	11,156	2,899	11,138	2,774	1,030	7,787	1,499
1959-60	2,983	11,882	2,987	11,889	2,920	1,211	8,038	1,947
1960-61	3,054	12,993	3,060	13,070	3,662	1,182	8,129	2,505
1961-62	3,210	13,743	3,198	13,624	4,340	1,164	8,191	1,691
1962-63	3,177	13,806	3,189	13,804	4,862	1,096	9,602	1,904
1963-64	3,360	14,850			5,106	1,421	9,460	2,152
1964-65	3,316	15,342			4,132	1,545	9,892	2,497
1965-66	3,418	15,361			3,803	1,563	9,614	2,498
1966-67	3,332	15,974	3,331	15,929	4,319	1,575	11,178	2,529
1967-68	3,226	15,813	3,225	15,812	3,509	1,699	11,114	2,812
1968-69	3,317	16,587	3,295	16,448	3,442	1,734	11,465	3,129
1969-70	3,364	18,669	3,352	18,615	5,628	2,105	11,357	3,414
1970-71	3,323	19,263	3,334	19,364	11,664	2,354	7,778	3,435
1971-72	3,618	21,676	3,606	21,534	14,721	2,334	7,202	3,716
1972-73	3,540	20,825	3,507	20,775	12,153	2,715	6,075	4,189
1973-74	3,449	21,088	3,450	21,264	15,406	2,621	7,228	5,016
1974-75	3,435	20,692	3,470	21,038	15,257	2,396	5,978	4,969
1975-76	3,203	20,265	3,212	20,437	15,893	1,870	5,421	4,517
1976-77	3,311	21,411	3,294	21,245	17,600	905	6,421	3,898
1977-78	2,723	19,080	2,749	19,361	17,909	1,255	5,277	2,530
1978-79(b)	1,551	13,633	1,566	13,485	5,970	579	2,972	2,239

(a) 1837 to 1913 figures are for the year ended 31 December.

1914 figures are for the six months ended 30 June.

1914-15 to 1981-82 figures are for the year ended 30 June.

(b) Figures on the above basis not available after 1978-79.

ESSENDON AND MELBOURNE AIRPORTS, VICTORIA

Year	Domestic aircraft (a)				International aircraft (b)			
	Number of movements	Passengers		Freight handled tonnes	Number of movements	Passengers		Freight handled tonnes
		Embarked	Disembarked			Embarked	Disembarked	
1960	37,436	579,985	590,623	29,310	931	9,294	11,514	364
1961	37,599	571,063	574,661	23,672	896	10,589	11,072	281
1962	36,354	584,471	589,395	22,467	834	10,607	12,438	283
1963	39,928	632,768	644,669	22,649	844	13,059	15,772	359
1964	46,418	743,352	753,155	25,739	1,085	17,768	20,161	447
1965	47,938	856,536	849,203	34,965	1,201	19,866	23,440	500
1966	48,243	890,043	896,483	36,850	1,120	20,425	22,359	436
1967	50,312	981,729	990,201	39,459	1,036	22,353	26,092	576
1968	50,066	1,075,898	1,069,415	40,360	1,018	23,643	25,634	688
1969	54,192	1,201,469	1,229,748	47,140	1,021	27,252	28,812	687
1970	59,050	1,343,510	1,358,451	49,272	2,165	51,035	49,438	1,862
1971	58,064	1,401,134	1,410,682	48,318	4,309	89,962	95,132	4,063
1972	59,985	1,475,295	1,475,621	47,466	5,758	135,303	144,932	5,144
1973	67,517	1,798,331	1,783,826	56,509	6,127	193,375	214,357	9,075
1974	72,037	1,994,115	1,996,732	61,187	6,390	222,738	242,759	10,732
1975	71,946	2,068,415	2,068,923	55,366	7,278	268,607	283,019	12,277
1976	68,473	2,065,897	2,063,022	60,114	7,528	318,345	335,184	15,317
1977	68,558	2,144,619	2,146,831	59,013	8,578	332,207	353,012	15,175
1978	72,308	2,335,629	2,331,760	62,919	9,485	355,064	384,207	20,112
1979	70,065	2,451,235	2,457,658	72,680	9,131	435,224	457,986	24,383
1980	72,024	2,584,254	2,589,151	69,763	9,907	468,359	503,017	28,418
1981	66,499	2,518,313	2,519,984	74,377	9,719	458,348	497,436	35,189
1982	61,102	2,414,298	2,416,548	72,678	10,710	462,458	505,544	40,734
1983	57,497	2,210,982	2,223,002	r87,950	9,481	450,591	468,780	42,836
1984	57,437	2,322,043	2,324,453	r99,455	10,575	513,324	560,217	54,547
1985	r60,570	2,531,009	2,529,276	r102,961	11,359	561,697	594,984	65,434
1986	r63,640	2,623,446	2,615,621	r94,121	12,691	611,950	649,970	70,495
1987	r67,314	2,784,819	2,784,707	r90,132	r13,619	662,728	737,945	80,102
1988	r69,227	3,021,621	3,012,164	r99,005	r13,907	731,332	794,036	82,297
1989	47,954	2,302,000	2,321,000	68,481	14,697	1,629,931		n.a.

(a) Domestic aircraft movements commenced at Melbourne Airport on 20 June 1971

(b) International aircraft movements commenced at Melbourne Airport on 1 July 1970.

COMMUNICATIONS

VICTORIAN POST OFFICE

Year	Postage		Year	Postage		Year	Postage		Number of telephone subscribers (b)
	Number of letters	Number of newspapers		Number of letters (a)	Number of newspapers		Number of letters (a)	Number of newspapers	
	'000	'000		'000	'000		'000	'000	
1837	1	1	1859	6,649	5,051	1881	26,308	11,441	
1838	7	3	1860	8,116	5,683	1882	28,878	12,384	
1839	16	23				1883	30,962	13,982	
1840	32	70	1861	6,110	4,277	1884	33,404	15,143	
			1862	6,277	4,909	1885	36,062	16,277	
1841	57	120	1863	6,636	4,931	1886	38,392	17,482	
1842	97	147	1864	6,790	5,672	1887	41,288	18,869	1,121
1843	129	155	1865	7,486	6,038	1888	47,701	21,703	1,637
1844	117	134	1866	8,631	5,438	1889	48,097	20,663	1,988
1845	127	151	1867	9,568	4,908	1890	62,526	22,729	2,307
1846	139	205	1868	9,750	4,974				
1847	178	250	1869	10,583	5,251	1891			2,439
1848	210	310	1870	11,133	5,287	1892			2,414
1849	262	323				1893			2,308
1850	382	381	1871	11,716	5,173	1894			2,398
			1872	12,941	5,491	1895			2,609
1851	504	457	1873	14,475	6,080	1896			2,754
1852	972	710	1874	15,739	6,867	1897			3,088
1853	2,039	1,619	1875	17,134	7,553	1898			3,630
1854	2,674	2,395	1876	18,964	9,010	1899			4,407
1855	2,991	2,350	1877	20,911	9,809	1900	74,291	25,466	5,136
1856	3,221	2,906	1878	22,325	10,697				
1857	3,900	2,982	1879	23,216	10,075				
1858	5,026	4,265	1880	24,195	10,641				

POSTMASTER-GENERAL'S DEPARTMENT, VICTORIA

Year	Telephone services in operations (lines connected) (c)	Letters, etc., posted in Victoria and received from overseas (d)	Year	Telephone services in operation (lines connected) (c)	Letters, etc., posted in Victoria and received from overseas (d)
		'000			'000
1901	6,049	123,807	1913	30,640	224,748
1902	6,847	137,711	1914	34,071	221,732
1903	7,610	143,412	1915-16	36,372	219,296
1904	8,429	149,746	1916-17	38,025	230,950
1905	9,269	155,708	1917-18	40,754	219,847
1906	10,423	162,337	1918-19	44,035	211,097
1907	12,885	170,351	1919-20	49,017	213,121
1908	14,993	178,421			
1909	17,108	168,830	1920-21	52,791	197,137
1910	20,343	181,145	1921-22	55,986	211,279
			1922-23	61,412	227,012
1911	23,504	195,747	1923-24	71,362	247,457
1912	27,652	211,021			

POSTMASTER-GENERAL'S DEPARTMENT, VICTORIA - continued

Year	Telephone services in operation (lines connected) (c)	Letters, etc., posted in Victoria and received from overseas (d)	Licences in force (e) -		Combined broadcast and television receiver (f)
			Broadcast receiver	Television receiver	
			'000		
1924-25	83,640	265,567	19,243		
1925-26	93,215	277,449	63,494		
1926-27	101,891	293,123	113,612		
1927-28	108,678		137,503		
1928-29	114,603		142,534		
1929-30	118,074		139,887		
1930-31	113,282				
1931-32	110,213	253,746	139,323		
1932-33	110,386	252,462	170,995		
1933-34	113,983	275,765	206,995		
1934-35	121,631	281,946	236,886		
1935-36	128,313	275,835	263,414		
1936-37	135,751	271,983	288,717		
1937-38	143,657	289,748	315,406		
1938-39	150,570	295,450	327,579		
1939-40	157,081	291,328	348,158		
1940-41	164,051	291,252	362,790		
1941-42	167,909	306,212	371,502		
1942-43	170,780	304,406	390,950		
1943-44	175,526	307,350	419,325		
1944-45	181,685	319,549	412,317		
1945-46	190,507	321,213	415,785		
1946-47	202,769	331,509	499,944		
1947-48	214,997	327,250	505,106		
1948-49	228,635	369,762	531,722		
1949-50	245,899	404,204	557,556		
1950-51	272,646	437,229	586,393		
1951-52	297,415	421,575	520,364		
1952-53	319,107	423,312	533,329		
1953-54	340,756	460,644	545,148		
1954-55	366,648	465,998	549,690		
1955-56	395,307	485,795	554,339		
1956-57	416,881	504,362	554,909	44,986	
1957-58	442,767	545,180	557,960	147,721	
1958-59	468,827	572,835	605,340	270,073	
1959-60	487,853	570,102	606,587	353,091	
1960-61	508,567	608,758	589,437	401,395	
1961-62	536,229		585,752	460,558	
1962-63	568,946	676,607	607,036	530,256	
1963-64	601,714	726,113	622,663	581,286	
1964-65	631,950	728,800	512,205	488,583	132,413
1965-66	660,974	778,531	141,630	87,649	574,955
1966-67	693,134	817,329	114,778	92,822	598,035
1967-68	727,575	790,280	94,982	96,789	629,729
1968-69	770,162	792,431	80,833	99,266	647,814
1969-70	824,227	754,282	72,051	107,362	675,457
1970-71	864,044	837,861	64,298	115,613	690,464
1971-72	896,615	813,794	58,390	111,921	699,652
1972-73	948,344	837,618	53,588	114,721	722,583
1973-74	1,011,355	837,678	(g)48,870	(g)103,451	(g)732,832

POSTMASTER-GENERAL'S DEPARTMENT, VICTORIA - *continued*

Year	Telephone services in operation (lines connected) (c)	Letters, etc., posted in Victoria and received from overseas (d)	Licences in force (e) -		Combined broadcast and television receiver (f)
			Broadcast receiver	Television receiver	
`000					
1974-75	1,061,965	803,289			
1975-76(h)	1,105,248	697,949			
1976-77	1,158,306	703,148			
1977-78	1,221,067	650,522			
1978-79	1,290,505	698,085			
1979-80(i)	1,355,017	744,309			
1980-81(j)	1,424,109	780,997			
1981-82	1,484,497	800,936			
1982-83	1,536,438	820,919			
1983-84	1,593,091	838,215			
1984-85	1,670,852	884,575			
1985-86	1,739,921	914,230			
1986-87	1,839,000	970,168			
1987-88	1,919,000	1,042,035			
1988-89	1,950,000	1,126,082			

- (a) Postcards were first issued in April 1876 and are included with letters.
- (b) Previously worked as a private undertaking, the telephone system was taken over by the Post Office on 22 September 1887.
- (c) 1901 to 1914 at 31 December.
- (d) Includes postcards, newspapers, and packets. From 1949-50 registered articles and parcels are also included.
- (e) Includes hirers' licences which were available for any period not exceeding twelve months. In the majority of instances they were taken out for short terms, usually on a monthly basis.
- (f) Introduced on 1 April 1965.
- (g) All licences for broadcast and television receivers were abolished in September 1974.
- (h) From 1 July 1975, all postal services and most of the services provided by telecommunication ceased to operate as the Postmaster-Generals's Department and were embodied in two separate Commissions - the Australian Postal Commission (Australia Post) and the Australian Telecommunications Commission (Telecom).
- (i) Number of services in operation at 18 June 1980.
- (j) Number of services in operation at 17 June 1981.

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