

# 17

# Historical statistics

The following tables provide an historical summary of selected statistics relating to Victoria. Data sources align with those used in chapters dedicated to subject content.

## Demography

### 17.1 POPULATION

Year	Population at 31 December(a)(b)				Population of Melbourne at 30 June(b)(d)(e)
	Males no.	Females no.	Persons no.	Masculinity(c)	
1841	14 391	6 025	20 416	238.9	4 479
1851	58 235	39 254	97 489	148.4	23 143
1861	320 888	218 876	539 764	146.6	139 916
1871	407 628	338 822	746 450	120.3	215 991
1881	457 782	416 183	873 965	110.0	288 169
1891	606 395	551 977	1 158 372	109.9	486 620
1901	608 436	601 464	1 209 900	101.2	501 580
1911	668 818	671 075	1 339 893	99.7	612 190
1921	765 306	785 421	1 550 727	97.4	800 520
1931	896 429	907 141	1 803 570	98.8	995 600
1941	964 619	981 806	1 946 425	98.3	1 114 900
1951	1 150 009	1 149 529	2 299 538	100.0	1 330 800
1961	1 485 348	1 469 951	2 955 299	101.1	1 984 936
1971(f)	1 815 332	1 818 511	3 633 843	99.8	2 575 000
1981	1 969 349	1 999 049	3 968 398	98.5	2 834 200
1991	2 199 400	2 238 100	4 437 500	98.3	3 155 700
1992r	2 211 492	2 253 923	4 465 415	98.1	3 182 441
1993r	2 216 210	2 262 625	4 478 835	97.9	3 197 927
1994r	2 225 627	2 274 727	4 500 354	97.8	3 213 021
1995r	2 243 276	2 296 520	4 539 796	97.7	3 243 707
1996r	2 262 455	2 318 796	4 581 251	97.6	3 283 278
1997p	2 284 902	2 342 401	4 627 303	97.5	3 321 666

(a) All estimates are corrected for discrepancies disclosed by various censuses up to the 1996 census. (b) Full-blood Aboriginals were included in figures from 1962 onwards. (c) Number of males per 100 females. (d) Figures shown for the population of Melbourne from 1921 to 1960 relate to the population of 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 population within the Melbourne Statistical Division. (e) The Melbourne Statistical Division boundary was extended in 1991, and a further slight change occurred in 1995. Figures from 1991 onwards have been amended to reflect that change. (f) From 1971 onwards, figures are estimated resident population.

Source: *Australian Demographic Statistics (Cat. no. 3101.0)*.

## 17.2 MARRIAGES, DIVORCES, BIRTHS AND DEATHS(a)(b)

Year	Marriages		Divorces(c)		Births		Deaths		Infant mortality	
	Number	Crude rate(d)	Decrees granted	Crude rate(d)	Number	Crude rate(d)	Number	Crude rate(d)	Number	Crude rate(e)
1841	406	26.4	—	—	618	40.3	319	20.8	—	—
1851	1 023	11.8	—	—	3 049	35.1	1 165	13.4	—	—
1861	4 434	8.2	1	—	23 461	43.5	10 522	19.5	—	—
1871	4 693	6.4	7	0.0	27 382	37.2	9 918	13.5	3 114	113.7
1881	5 896	6.8	9	0.0	27 145	31.3	12 302	14.2	3 119	114.9
1891	8 780	7.7	99	0.1	38 505	33.6	18 631	16.3	4 861	126.2
1901	8 406	7.0	83	0.1	31 008	25.8	15 904	13.2	3 192	102.9
1911	11 088	8.4	214	0.2	33 026	25.0	15 216	11.5	2 269	68.7
1921	13 676	8.9	389	0.3	35 591	23.2	16 165	10.5	2 582	72.6
1931	10 182	5.7	425	0.2	30 332	16.9	17 033	9.5	1 349	44.5
1941	20 898	10.8	842	0.4	34 406	17.8	20 522	10.6	1 246	36.2
1951	21 117	9.3	1 730	0.8	50 553	22.2	23 446	10.3	1 143	22.6
1961	21 264	7.3	1 257	0.4	65 886	22.5	24 500	8.4	1 173	17.8
1971	32 386	9.2	3 079	0.9	75 498	21.5	30 598	8.7	1 107	14.7
1981	28 648	7.3	9 769	2.5	59 284	15.0	29 088	7.4	562	9.4
1991	28 535	6.5	11 134	2.5	65 438	14.8	31 216	7.1	428	6.5
1992	28 429	6.4	10 533	2.4	65 766	14.8	31 951	7.2	366	5.6
1993	27 418	6.1	10 935	2.4	64 049	14.3	31 197	7.0	347	5.4
1994	26 974	6.0	11 228	2.5	63 974	14.3	32 353	7.2	327	5.1
1995	26 607	5.9	11 838	2.6	62 591	13.9	32 425	7.2	308	4.9
1996	26 074	5.7	12 491	2.8	61 143	13.5	32 726	7.2	308	5.0
1997	25 456	5.5	12 463	2.7	60 732	13.2	33 261	7.2	300	4.9

(a) The legal registration of births, deaths, and marriages in Victoria was passed in 1853. Prior to 1853, statistics were obtained from parish and church records regarded as incomplete for statistical purposes; hence, the number of vital events and corresponding rates must be treated with caution. In 1853, both births and deaths may have been understated due to a new registration system, the correct totals in each case probably exceeding 5,000. From 1972 onwards, figures for births and deaths are compiled on a State of usual residence basis. (b) 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 *Matrimonial Causes Act 1959*. (d) Crude rate per 1,000 population. (e) Number of deaths under one year of age per 1,000 registered live births.

Source: *Demography, Victoria* (Cat. no. 3311.2).

## 17.3 POPULATION INCREASE

Year	Natural increase(a)(b)(c)	Apparent net migration(c)	Total increase(b)(d)	Rate of natural increase(c)(e)	Rate of apparent migration(c)(f)	Rate of population growth(g)(d)
1841	299	9 826	10 125	19.5	640.0	98.4
1851	<u>1 884</u>	<u>19 443</u>	21 327	<u>21.7</u>	<u>223.9</u>	28.0
1861	12 939	-11 409	1 530	24.0	-21.17	0.3
1871	17 464	5 061	22 525	23.8	6.9	3.1
1881	14 843	517	15 360	17.1	0.6	1.8
1891	19 874	4 770	24 644	17.3	4.2	2.2
1901	15 104	-1417	13 687	12.6	-1.18	1.1
1911	17 810	20 675	38 485	13.5	15.7	3.0
1921	19 426	3 392	22 818	12.6	2.2	1.5
1931	13 299	-2 334	10 965	7.4	-1.30	0.6
1941(h)	13 884	18 995	31 507	7.2	9.8	1.7
1951	27 107	35 249	62 356	11.9	15.5	2.8
1961	41 386	15 310	56 696	14.1	5.2	2.0
1971	<u>44 900</u>	<u>9 479</u>	<u>54 379</u>	<u>12.8</u>	<u>2.7</u>	<u>1.6</u>
1981	30 196	7 779	37 975	7.7	2.0	1.0
1991	34 950	8 660	43 610	8.0	2.0	1.0
1992r	33 518	-65	34 629	7.5	-0.0	0.8
1993r	33 679	-17 423	17 385	7.5	-3.9	0.4
1994r	32 576	-18 497	15 183	7.3	-4.1	0.3
1995r	31 346	-2 725	29 817	6.9	-0.6	0.7
1996r	28 497	12 892	42 768	6.2	2.8	1.0
1997	28 311	16 682	44 993	6.1	3.6	1.0

(a) Excess of live births (where mother's State of usual residence is Victoria) over deaths (where deceased's State of usual residence is Victoria). (b) Figures for 1971 and subsequent years include full-blood Aboriginals. (c) See footnote (a) to table 17.2. For reasons stated there, the natural increase and apparent net migration, together with their corresponding rates for this period (pre-1853), must be treated with caution. (d) Differences between the total growth rate and the sum of natural increase and net migration rates arise from retrospective adjustments (which are made after each census) to compensate for any intercensal discrepancy. (e) Excess of births over deaths per 1,000 of the estimated mean population. (f) Apparent net migration per 1,000 of the estimated mean population. (g) Figures from 1991 onwards are calculated based on estimated resident population as at 30 June. (h) 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.

Source: *Australian Demographic Statistics (Cat. no. 3101.0)*.

## Industrial conditions

### 17.4 INDUSTRIAL DISPUTES AND TRADE UNIONS

Year	Industrial disputes during year(a)			Trade unions(b)			
	Disputes no.	Workers involved(c) no.	Working days lost '000	Separate unions no.	Males '000	Females '000	Persons '000
1912	—	—	—	151	109.9	6.7	116.6
1921	20	6 280	213	159	161.1	34.9	196.0
1931	10	4 643	28	150	166.1	37.9	204.0
1941	22	20 117	139	146	215.8	54.5	270.3
1951	41	27 219	42	156	346.1	87.3	433.4
1961	91	52 747	72	156	385.8	101.0	486.8
1971	362	380 100	689	170	453.3	168.8	622.1
1981	376	404 900	1 236	173	522.9	248.8	771.7
1991	155	135 500	209	146	573.5	338.5	912.0
1992	114	598 800	586	114	522.0	305.0	827.0
1993	114	200 900	257	89	482.4	288.2	770.6
1994	109	52 200	87	71	455.7	268.9	724.5
1995	110	79 000	126	61	420.8	248.8	669.7
1996	98	121 100	218	57	434.4	245.6	680.0
1997(d)	112	129 100	212	n.a.	n.a.	n.a.	n.a.

(a) Refers only to disputes involving a stoppage of work of 10 staff days or more in establishments where the stoppage occurred. Disputes not settled at end of year are included as new disputes in figures for the following year. Statistical collection commenced in 1913. (b) From 1985, the reporting date was changed from 31 December to 30 June. Published figures show total membership from that date. Prior to 1985, a mixture of total and financial membership was used. (c) Includes persons stood down from work at establishments where stoppages occurred but were not themselves parties to the dispute. (d) Trade union data collection ceased from 1997.

Source: *Industrial Disputes, Australia* (Cat. no. 6322.0).

## Education

## 17.5 PRIMARY AND SECONDARY EDUCATION(a)

Year	Schools no.	Pupils			Teachers		
		Males no.	Females no.	Persons no.	Males no.	Females no.	Persons no.
GOVERNMENT SCHOOLS							
1861	671	28 120	23 225	51 345	—	—	—
1871	988	71 247	59 898	131 145	1 194	1 123	2 317
1881	1 757	118 996	112 427	231 423	1 894	2 420	4 314
1891	2 233	131 282	122 187	253 469	1 898	2 964	4 862
1901	1 967	110 481	104 631	215 112	—	—	—
1911	2 059	121 275	113 491	234 766	2 218	3 354	5 572
1921	2 455	136 127	127 391	263 518	2 438	4 845	7 283
1931	2 747	155 046	141 444	296 490	3 906	5 476	9 382
1941	2 697	134 822	122 488	257 270	4 421	4 921	9 342
1951	2 119	130 704	118 045	248 749	4 672	4 616	9 288
1961	2 222	233 153	206 587	439 740	7 665	8 811	16 476
1971	2 197	312 203	281 730	593 933	13 847	16 365	30 212
1981	2 149	306 510	288 532	595 042	18 206	23 563	41 769
1991	2 029	274 646	258 740	533 386	16 023	24 497	40 520
1992	2 013	274 786	259 123	533 909	16 162	25 633	41 795
1993	1 934	270 409	256 227	526 636	14 475	23 076	37 551
1994	1 731	266 621	253 707	520 328	13 172	21 462	34 634
1995	1 711	263 854	250 951	514 805	12 636	21 471	34 106
1996	1 700	265 204	251 858	517 062	12 414	21 630	34 045
1997	1 661	266 052	252 424	518 476	12 084	22 070	34 154
NON-GOVERNMENT SCHOOLS							
1861	211	1 968	3 160	5 128	—	—	—
1871	1 062	15 421	18 710	34 131	677	1 435	2 112
1881	645	16 665	17 397	34 062	430	1 123	1 553
1891	759	17 941	19 262	37 203	466	1 529	1 995
1901	862	21 289	24 251	45 540	385	2 017	2 402
1911	587	25 936	29 957	55 893	337	1 638	1 975
1921	486	31 615	36 433	68 048	402	1 661	2 063
1931	505	31 682	38 660	73 342	—	—	2 286
1941	518	38 410	42 898	81 308	—	—	2 744
1951	479	49 414	52 900	102 314	—	—	3 272
1961	548	81 462	84 403	165 865	1 195	3 665	4 860
1971	571	93 546	97 669	191 215	2 332	6 473	8 805
1981	632	108 734	112 877	221 611	4 606	9 209	13 815
1991	696	127 132	128 995	256 127	6 034	12 423	18 457
1992	687	126 439	127 274	253 713	6 060	12 341	18 401
1993	683	125 214	125 747	250 961	5 642	10 586	16 227
1994	679	126 128	126 738	252 866	5 710	10 950	16 661
1995	675	127 571	127 901	255 472	5 846	11 113	16 959
1996	679	129 555	129 838	259 393	5 941	11 355	17 295
1997	684	131 243	131 705	262 948	5 977	11 451	17 428

(a) Care should be taken in interpreting this table. Comparability between years and 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 or the first school day thereafter.

Source: *Schools, Australia* (Cat. no. 4221.0).

## 17.6 UNIVERSITY EDUCATION(a)

Year	Enrolments(b)				Total(d)
	Males	Females	Full-time	Part-time(c)	
	no.	no.	no.	no.	no.
1861	100	—	100	—	100
1871	122	—	122	—	122
1881	368	2	370	—	370
1891	582	70	652	—	652
1901	425	159	584	—	584
1911	944	276	1 139	81	1 220
1921	2 003	651	2 423	231	2 654
1931	2 419	900	2 278	1 041	3 319
1941	3 288	1 335	2 987	1 636	4 623
1951	6 340	1 894	4 973	3 261	8 234
1961	8 707	3 107	7 554	4 260	11 814
1971	19 363	9 633	21 149	7 847	28 996
1981	24 370	19 849	27 946	16 273	44 219
1991	46 954	56 834	65 927	37 861	103 788
1992	52 313	66 889	73 757	45 445	119 202
1993	72 385	85 527	94 224	63 688	157 912
1994	75 436	88 418	96 641	67 213	163 854
1995	76 992	90 606	99 061	68 467	167 528
1996	79 593	95 445	104 713	70 325	175 038
1997	82 133	96 897	109 411	69 619	179 030

(a) There were four universities in Victoria in 1989: University of Melbourne, opened 1855; Monash University, opened 1961; La Trobe University, opened 1967, and Deakin University, opened 1977. All institutions now fall under the Unified National System, and can no longer be split into Universities and Colleges of Advanced Education. A number of institutional amalgamations and name changes occurred in the 12 months prior to commencement of the 1992 academic year. The policy of merging Colleges of Advanced Education with Universities was completed by the end of 1993. (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 1991 onwards, total enrolments include full-time, part-time and external enrolments.

Source: Department of Employment, Education, Training and Youth Affairs: *Selected Higher Education Student Statistics, 1997*.

## Health

## 17.7 PUBLIC HOSPITALS(a)

Year	Hospitals no.	Beds no.	Patients treated	
			In-patients no.	Outpatients no.
1861	19	926	7 610	17 596
1871	31	1 820	13 087	49 583
1881	37	2 350	16 828	—
1890–91	42	2 672	19 800	41 166
1900–01	50	3 231	23 442	68 579
1910–11	55	3 897	36 292	76 328
1920–21	60	4 845	50 517	93 661
1930–31	65	4 597	73 028	171 465
1940–41	67	7 827	109 716	281 278
1950–51	93	9 112	165 481	415 495
1960–61	138	12 579	270 840	581 023
1970–71	148	13 865	381 786	949 271
1980–81	150	13 879	528 703	2 166 211
1990–91	156	13 526	658 341	10 315 584
1991–92	150	13 192	685 639	9 791 351
1992–93	148	12 896	715 524	9 621 860
1993–94	138	12 154	766 619	6 867 313
1994–95	125	12 153	836 741	6 710 811
1995–96	r 98	12 332	872 312	7 170 011
1996–97	92	12 137	898 046	6 936 778

(a) Data are from Victorian Department of Human Services and its predecessors. The type of care delivered by hospitals has changed considerably over the table's period. However, the table consistently includes general hospitals, specialised hospitals (e.g. exclusively for women or children and, after 1949, the Cancer Institute) and hospitals for the aged (i.e. acute hospital sections of regional extended care centres). Data for earlier years also include convalescent hospitals and sanatoria for treatment of tuberculosis. Except as indicated below, psychiatric and intellectual deficiency services, foundling homes and hospitals, bush nursing hospitals and centres, and convalescent homes are excluded. Reporting arrangements for psychiatric hospitals have varied since the introduction of Commonwealth/State Medicare Agreements in 1983. A number of such hospitals were gradually brought into the table's scope until reporting arrangements were revised in 1993, resulting in exclusion of nine psychiatric hospitals with 680 beds. The effect of this and other definitional changes was to create an artificial decrease of 2.5% in number of in-patients reported in 1993–94 compared with 1992–93. However, this effect was subsequently reversed, as most psychiatric services were 'mainstreamed' by incorporating them in management structures of general hospitals, mostly during 1995–96 and 1996–97. The table excludes hospitals operated by Commonwealth authorities; the Repatriation General Hospital is included from the time of its transfer to State Government in January 1995. The number of hospitals represents the number of organisations delivering hospital services rather than the actual number of hospital campuses, and the decrease over time is partly due to amalgamations rather than closures. Thus, the decrease in 1995–96 mainly reflects the amalgamation of most metropolitan public hospitals into six metropolitan health care networks. From 1985–86 the number of beds represents the average annual number which were staffed and available; figures for prior years generally represent Department registered bed numbers. Outpatient figures prior to 1980–81 represent actual number of outpatients treated rather than number of attendances to hospital. Figures from 1990–91 represent the number of occasions of service. An occasion of service is defined in detail in the National Health Data Dictionary, but generally represents a service provided by a particular functional unit in a hospital. A further change occurred in 1993–94, with the exclusion of approximately 2,665,000 domiciliary and other occasions of service funded through Commonwealth programs.

Source: *Unpublished data, Department of Human Services.*

## Agriculture

The scope of the Agricultural Census has changed over time. In recent years, the Australian Bureau of Statistics began to gradually exclude from statistics establishments which made only a small contribution to overall agricultural production. Commencing in 1976–77, only establishments with an Estimated Value of Agricultural Operations (EVAO) of \$1,500 or more were included, increasing to \$2,500 in 1981–82. During 1991–92 and 1992–93 the EVAO was \$22,500; reducing to \$5,000 for 1993–94 to 1996–97.

### 17.8 ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY AND LAND UTILISATION

Year ended 31 March	Establishments with agricultural activity no.	Area utilised for				Total area occupied ha
		Crops(a) ha	Sown pasture(b) ha	Native pasture ha	Balance of establishments ha	
1840–41	—	1 299	—	—	—	—
1850–51	—	21 182	—	—	—	—
1860–61	13 653	156 728	4 711	—	—	1 423 294
1870–71	31 842	280 383	59 482	—	—	3 856 916
1880–81	49 637	626 781	103 193	—	—	7 341 459
1890–91	36 013	822 304	95 199	—	—	—
1900–01	39 381	1 260 246	84 133	—	—	—
1910–11	66 651	1 599 347	401 123	11 752 267	936 809	15 269 937
1920–21	77 148	1 816 839	425 442	11 586 595	971 653	15 583 899
1930–31	74 537	2 717 734	499 630	9 511 034	1 522 777	15 299 565
1940–41	72 382	1 807 810	1 464 694	10 851 711	1 839 426	16 727 453
1950–51	69 698	1 760 878	2 890 658	8 332 936	1 565 948	15 421 956
1960–61	69 623	1 823 002	4 065 886	6 435 670	2 129 421	15 351 488
1970–71	68 555	1 698 536	8 679 487	3 590 595	860 777	15 760 305
1980–81	49 399	2 183 811	6 194 508	2 615 994	3 671 517	14 665 830
1990–91	32 620	2 063 031	5 545 873	2 339 559	2 756 364	12 704 827
1991–92	31 358	2 039 208	5 661 520	2 208 042	2 465 631	12 374 401
1992–93	31 251	2 257 666	5 434 605	2 280 141	2 298 007	12 270 419
1993–94	37 330	2 317 245	6 122 470	2 123 571	2 454 047	13 017 333
1994–95	37 070	2 296 299	(c)	(c)	10 423 128	12 719 427
1995–96	36 904	2 350 422	5 237 439	1 301 558	3 878 856	12 768 275
1996–97	36 656	2 552 119	3 944 622	1 576 051	4 672 640	12 745 431

(a) Commencing with the 1960–61 season, the area of pasture cut for hay seed has been excluded from area of crops.

(b) Includes oats, barley, and lucerne sown for grazing. (c) Information not collected.

Source: AgStats on Floppy Disk (Cat. no. 7117.0).



## 17.9 LIVESTOCK AND PASTORAL PRODUCTION

Year ended 31 March	Livestock				Greasy wool production(a) '000 tonnes	Milk production for all purposes '000 kilolitres	Butter production (factory and farm) '000 tonnes	Cheese production (factory and farm) '000 tonnes
	Horses no.	Cattle no.	Sheep no.	Pigs no.				
1840-41	2 372	50 837	782 283	—	—	—	—	—
1850-51	21 219	378 806	6 032 783	9 260	—	—	—	—
1860-61	76 536	722 332	5 780 896	61 259	11	—	—	—
1870-71	167 220	721 096	10 761 887	130 946	23	—	—	—
1880-81	275 516	1 286 267	10 360 285	241 936	34	—	—	—
1890-91	436 469	1 782 881	12 692 843	282 457	29	—	—	—
1900-01	392 237	1 602 384	10 841 790	350 370	41	721	25	2
1910-11	472 080	1 547 569	12 882 665	333 281	58	894	32	2
1920-21	487 503	1 575 159	12 171 084	175 275	52	930	29	2
1930-31	379 872	1 429 920	16 477 995	281 245	67	1 427	50	4
1940-41	318 441	1 922 336	20 412 362	397 945	85	2 036	71	8
1950-51	186 415	2 216 253	20 011 933	237 127	99	2 026	60	23
1960-61	64 462	2 863 799	26 619 849	318 523	146	2 713	91	20
1970-71	—	5 060 711	33 761 487	519 779	195	4 087	136	36
1980-81	66 748	4 312 123	25 486 993	400 179	146	3 065	68	80
1990-91	39 558	3 631 353	27 493 905	403 171	161	3 908	93	105
1991-92	36 897	3 574 182	24 781 940	430 665	145	4 118	94	123
1992-93	36 061	3 689 211	23 552 217	424 546	145	4 456	107	128
1993-94	39 814	4 189 709	23 438 704	459 661	125	4 967	119	144
1994-95	(b)14 121	4 284 627	21 360 840	438 613	138	5 113	112	147
1995-96	n.a.	4 395 911	21 974 000	458 482	129	5 622	119	168
1996-97	31 605	4 410 575	22 324 654	485 186	145	5 622	120	164

(a) Includes dead and fellmongered wool and wool exported on skins. (b) Horses used for breeding only.

Source: AgStats on Floppy Disk (Cat. no. 7117.0).

## 17.10 WHEAT, OATS AND BARLEY FOR GRAIN

Year ended 31 March	Wheat			Oats			Barley		
	Area ha	Production tonnes	Yield per hectare tonnes	Area ha	Production tonnes	Yield per hectare tonnes	Area ha	Production tonnes	Yield per hectare tonnes
1840-41	785	1 372	1.75	332	489	1.47	121	204	1.69
1850-51	11 538	15 136	1.31	2 027	1 806	0.89	851	910	1.07
1860-61	65 256	94 163	1.44	34 939	47 785	1.37	1 669	1 902	1.14
1870-71	114 998	78 120	0.68	60 423	40 588	0.67	7 950	5 462	0.69
1880-81	395 494	264 736	0.67	54 264	42 863	0.79	27 774	24 241	0.87
1890-91	463 431	347 034	0.75	89 455	89 255	1.00	35 512	35 643	1.00
1900-01	816 382	485 725	0.59	146 775	173 859	1.18	23 817	27 567	1.16
1910-11	970 473	947 455	0.98	158 913	175 978	1.11	21 322	30 399	1.43
1920-21	929 104	1 074 160	1.16	179 533	197 897	1.10	38 022	56 603	1.49
1930-31	1 861 637	1 464 588	0.79	150 148	125 079	0.83	35 417	44 977	1.27
1940-41	1 081 616	367 993	0.34	226 300	47 614	0.21	75 939	26 920	0.35
1950-51	1 107 008	1 394 414	1.26	213 357	163 910	0.77	87 856	102 287	1.16
1960-61	1 081 160	1 839 413	1.70	337 880	374 954	1.11	125 167	175 050	1.40
1970-71	760 423	1 004 288	1.32	399 227	466 603	1.17	269 087	318 368	1.18
1980-81(a)	1 431 042	2 538 004	1.77	218 682	321 664	1.47	302 777	418 049	1.38
1990-91(a)	911 483	1 492 998	1.60	177 059	301 141	1.70	463 004	650 607	1.41
1991-92	664 097	1 150 396	1.73	182 833	300 423	1.64	533 939	897 941	1.68
1992-93(a)	821 219	2 015 137	2.50	222 867	403 765	1.81	551 458	1 116 306	2.00
1993-94	779 895	2 021 886	2.60	185 840	362 006	1.95	639 493	1 386 229	2.20
1994-95	821 755	944 200	1.15	147 738	200 605	1.36	492 251	448 147	0.91
1995-96	853 432	1 921 268	2.25	186 972	391 651	2.09	627 519	1 341 658	2.14
1996-97	962 562	2 262 273	2.35	174 556	304 045	1.74	584 680	1 189 370	2.03

(a) Series breaks occur for 1990-91 and 1992-93.

Source: AgStats on Floppy Disk (7117.0).

## Manufacturing

### 17.11 MANUFACTURING ESTABLISHMENTS

Year	Manufacturing establishments no.	Employment no.	Wages and salaries paid \$m	Output \$m	Production \$m	Land, buildings plant and machinery \$m	Turnover \$m	Value added \$m
1851	83	—	—	—	—	—	..	..
1861	531	4 395	—	—	—	—	..	..
1871	1 740	19 569	—	—	—	9	..	..
1881	2 488	43 208	—	—	—	16	..	..
1891	3 141	52 225	—	—	—	30	..	..
1901	3 249	66 529	—	—	—	25	..	..
1911	5 126	111 948	18	83	—	37	..	..
1920–21	6 532	140 743	43	212	74	71	..	..
1930–31	8 199	126 016	43	187	79	142	..	..
1940–41	9 121	237 636	100	419	178	184	..	..
1950–51	13 504	316 792	326	1 350	551	415	..	..
1960–61	17 173	387 430	776	3 332	1 418	1 642	..	..
1970–71	—	—	—	—	—	—	—	—
1980–81	8 726	391 801	5 032	..	..	..	23 856	9 440
1990–91(a)	8 872	307 589	9 111	..	..	..	55 575	n.a.
1990–91(b)	3 692	8 107	144	..	..	..	703	n.a.
1991–92(c)r	12 668	310 700	9 242	..	..	..	54 709	n.a.
1992–93(c)r	11 692	303 500	9 367	..	..	..	56 961	17 006
1993–94r	n.a.	299 900	9 298	..	..	..	60 260	n.a.
1994–95r	n.a.	301 200	9 786	..	..	..	62 057	n.a.
1995–96r	n.a.	305 300	9 884	..	..	..	65 284	20 486
1996–97	n.a.	306 600	10 662	..	..	..	68 420	21 807

(a) All manufacturing establishments owned by multi-establishment manufacturing enterprises with four or more persons employed. Figures from 1975–76 to 1989–90 do not include data for single establishment enterprises with fewer than four persons employed. (b) Single establishment manufacturing enterprises with fewer than four persons employed. (c) All manufacturing establishments. 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). 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 to statistics for earlier years.

Source: *Manufacturing Industry, Victoria* (Cat. no. 8221.2).

## Building

### 17.12 NEW BUILDINGS COMPLETED

Year	Houses		Other residential buildings		All buildings
	no.	\$'000(a)	no.(b)	\$'000(a)	\$'000(a)(c)
1950-51	21 194	88 560	333	1 368	104 280
1960-61	22 094	157 596	4 183	27 072	326 304
1970-71	25 179	278 109	12 087	85 717	667 966
1980-81(c)	(d)21 480	817 490	4 420	115 633	1 869 595
1990-91	(d)25 180	2 392 400	2 922	208 100	7 189 700
1991-92	22 401	2 026 835	2 865	215 695	5 790 503
1992-93	25 083	2 232 567	2 566	179 092	5 797 654
1993-94	27 118	2 475 300	3 209	249 900	5 821 700
1994-95	27 380	2 610 600	2 892	271 900	5 587 300
1995-96	21 883	2 196 400	3 086	293 200	6 038 900
1996-97	17 613	1 956 000	5 727	661 600	6 093 800
1997-98	22 271	2 516 600	6 497	678 000	7 530 700

(a) Excludes value of land. (b) Individual dwelling units. (c) There was a change in scope and methodology in 1980-81 with further modification in 1981-82. (d) From 1980-81 to 1990-91 figures for houses are rounded to the nearest ten units.

Source: *Building Activity, Victoria* (8752.2).

## Mining

## 17.13 MINERAL PRODUCTION

Year	Gold		Coal		Brown coal		Total mining and quarring production
	Quantity	Value(a)	Quantity	Value (a)	Quantity	Value(a)	Value(b)
	gross oz.	\$'000	tonnes	\$'000	tonnes	\$m	\$'000
1851	212 899	1 703	—	—	—	—	—
1861	2 035 173	16 281	—	—	—	—	—
1871	1 368 942	10 950	—	—	—	—	—
1881	833 378	6 667	—	—	—	—	—
1891	576 399	4 611	23 200	39	—	—	—
1901	730 453	6 206	212 689	294	—	—	—
1911	504 000	4 278	664 359	598	—	—	—
1921	104 512	88	523 122	1 207	84 496	62	—
1931	43 637	513	580 512	724	2 229 674	494	2 825
1941	149 769	3 201	331 680	608	4 638 916	846	5 019
1951	66 063	2 047	150 114	1 201	7 961 825	5 510	5 938
1961	26 229	824	67 428	719	16 540 440	15 443	26 316
	grammes	\$'000	tonnes	\$'000	tonnes	\$m	\$'000
1970–71	182 826	178	20	—	28 180 539	22 975	217 953
1980–81	62 350	829	—	—	32 102 948	116 728	1 502 196
	kilograms	\$'000	tonnes	\$'000	'000 tonnes	\$m	\$'000
1990–91	4 862	70 947	—	—	49 389	344 343	n.a.
1991–92	3 346	45 580	—	—	49 542	380 891	n.a.
1992–93	3 993	n.a.	—	—	47 898	411 000	n.a.
1993–94	3 984	n.a.	—	—	48 214	401 000	n.a.
1994–95	4 370	n.a.	—	—	50 600	414 000	n.a.
1995–96	4 838	n.a.	—	—	(c)54 281	n.a.	n.a.
1996–97	4 710	n.a.	—	—	60 795	n.a.	n.a.

(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. (c) Excludes coal for briquettes.

Source: *Unpublished data, Australian Mining Industry Survey.*

## Transport

### 17.14 NEW MOTOR VEHICLES REGISTERED(a)

Year	Cars and station wagons(b)	Other(c)	Total	Motor cycles
	no.	no.	no.	no.
1940-41	5 529	3 304	8 833	735
1950-51	36 692	19 432	56 124	5 442
1960-61	67 001	14 803	81 804	1 356
1970-71	109 829	18 703	128 532	8 218
1980-81	114 699	23 921	138 620	14 450
1990-91	108 444	13 068	126 014	4 502
1991-92	98 766	10 274	112 918	3 878
1992-93	106 215	17 675	123 890	4 528
1993-94	113 249	19 203	132 452	4 400
1994-95	127 644	22 467	150 111	5 347
1995-96	129 866	21 128	150 996	5 921
1996-97	140 137	22 123	162 260	6 133
1997-98	166 675	25 708	192 383	7 499

(a) Excludes defence service vehicles. (b) Includes ambulances and hearses until 1970-71 inclusive. (c) Includes utilities, panel vans, trucks, omnibuses, and from 1971-72 onwards, ambulances and hearses.

Source: *New Motor Vehicle Registrations, Australia (Cat. no. 9303.0)*.

### 17.15 MOTOR VEHICLES AND LICENCES

Year to 30 June	Motor vehicles on register(a)				Drivers' and riders' licences in force
	Cars and station wagons(b)	Others(c)	Total	Motor cycles	
	no.	no.	no.	no.	
1931	116 568	28 028	144 596	23 635	228 051
1941	148 437	84 725	233 162	23 572	365 205
1951	263 714	147 049	410 763	33 637	575 753
1961	625 183	201 132	826 315	18 422	1 032 431
1971	1 122 460	235 739	1 358 199	28 912	1 566 396
1981	1 632 500	339 200	1 971 700	64 200	2 181 714
1991	2 226 500	476 500	2 703 000	72 200	2 943 669
1992	2 178 100	536 800	2 684 800	69 900	2 992 560
1993	2 206 626	511 736	2 718 362	70 366	3 028 261
1994	2 231 900	506 600	2 738 500	69 600	3 047 999
1995(d)	2 315 310	484 000	2 799 310	70 570	3 073 212
1996(e)	2 462 226	510 848	2 973 074	77 161	3 114 404
1997(e)	2 521 814	516 882	3 038 696	80 271	3 260 179

(a) Excludes defence service vehicles. (b) Includes ambulances and hearses until 1970-71 inclusive. (c) Includes utilities, panel vans, trucks, omnibuses, and from 1971-72 onwards, ambulances and hearses. (d) As at 31 May. (e) As at 31 October.

Source: *VicRoads, Information Services Department, unpublished data*.

## 17.16 ROAD TRAFFIC ACCIDENTS INVOLVING CASUALTIES

Year	Persons killed	Persons injured(a)	Persons killed per 10,000 vehicles registered	Persons killed per 100,000 mean population
	no.	no.	no.	no.
1931	333	4 042	19.8	18.5
1941	412	7 610	16	21.5
1951	581	11 364	13.1	25.9
1961	773	16 757	9.2	26.7
1971	996	22 067	7.2	28.7
1981	766	20 680	3.8	19.4
1991	503	6 162	1.8	11.4
1992	396	5 905	1.5	8.9
1993	435	5 928	1.5	9.7
1994	378	6 043	1.4	8.4
1995	418	r6 124	1.5	9.3
1996	r417	r6 060	1.4	r9.1
1997	377	5 764	1.2	8.8

(a) A change in definition of persons injured has resulted in a series break in 1988, with data no longer available on the previous basis.

Source: Unpublished data, VicRoads, Information Services Department.

## 17.17 MELBOURNE AIRPORT

Year	Domestic aircraft(a)				International aircraft(b)			
	Passengers				Passengers			
	Movements	Embarked	Disembarked	Freight handled	Movements	Embarked	Disembarked	Freight handled
no.	no.	no.	tonnes	no.	no.	no.	tonnes	
1961	37 599	571 063	574 661	23 672	896	10 589	11 072	281
1971	58 064	1 401 134	1 410 682	48 318	4 309	89 962	95 132	4 063
1981	66 499	2 518 313	2 519 984	74 377	9 719	458 348	497 436	35 189
1991(c)	r92 553	r3 978 723	r3 960 783	r67 910	15 141	839 658	864 208	87 385
1992	r99 447	r4 093 014	r4 078 999	r67 217	15 637	864 708	873 248	93 725
1993	r102 403	r4 332 470	r 313 928	r64 463	16 232	917 716	930 161	110 495
1994	r107 556	r4 812 742	r4 807 073	r70 300	14 763	924 320	947 188	126 291
1995	r114 729	r5 257 993	r5 223 702	r70 352	15 226	1 002 157	1 008 997	140 188
1996	118 681	5 562 045	5 535 219	72 130	16 479	1 089 623	1 103 686	150 225
1997	118 482	5 606 057	5 583 142	81 161	17 392	1 183 809	1 187 139	162 500

(a) Domestic aircraft movements commenced at Melbourne Airport on 20 June 1971. Domestic aircraft previously used Essendon Airport. (b) International aircraft movements commenced at Melbourne Airport on 1 July 1970. International aircraft previously used Essendon Airport. Scheduled international flights were suspended into Melbourne from 1965 to 30 June 1970. Melbourne returned to international status on 1 July 1970, as the new Melbourne Airport was capable of handling larger modern aircraft. (c) From 1991, domestic aircraft movements include regional airline traffic (i.e. aircraft with 38 seats or less). The methodology used for 1991 changed from 'uplifts/discharge traffic' to 'traffic on board'.

Source: Unpublished data, Commonwealth Department of Transport and Regional Development.

