



MOTOR VEHICLE CENSUS

AUSTRALIA

EMBARGO: 11.30AM (CANBERRA TIME) WED 17 NOV 2004

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INQUIRIES

- For further information about these and related statistics, contact the National Information and Referral Service on 1300 135 070.

NOTES

ABOUT THIS PUBLICATION

This publication presents statistics relating to vehicles which were registered at 31 March 2004 with a motor vehicle registration authority. Motor vehicle registration statistics are compiled from data made available by various state and territory motor vehicle registration authorities and reflect the information as recorded in registration documents.

Estimates of the size and composition of the vehicle fleet were first published in 1921. However, it is only since 1971 that a Motor Vehicle Census (MVC) has been conducted on a more regular basis. The MVC has not been conducted in each and every year since 1971 and the census dates have varied over those years. Therefore, care should be taken when attempting to compare movements over the years.

Statistics are provided on vehicle types comprising passenger vehicles, campervans, light commercial vehicles, all types of trucks, buses and motorcycles.

Vehicle characteristic information includes make of vehicle, year of manufacture, type of fuel that the vehicle was manufactured to use; and for trucks, Gross Vehicle Mass or Gross Combination Mass. The size of the motor vehicle fleet is also compared with the estimated resident population.

Dennis Trewin
Australian Statistician

ABBREVIATIONS

ABS	Australian Bureau of Statistics
ACT	Australian Capital Territory
ASGC	Australian Standard Geographical Classification
Aust.	Australia
cat. no.	Catalogue number
ERP	estimated resident population
GCM	gross combination mass
GVM	gross vehicle mass
LPG	liquefied petroleum gas
MVC	Motor Vehicle Census
no.	number
NSW	New South Wales
NT	Northern Territory
Qld	Queensland
SA	South Australia
SD	statistical division
SLA	statistical local area
Tas.	Tasmania
Vic.	Victoria
VIN	vehicle identification number
WA	Western Australia

SUMMARY OF FINDINGS

TOTAL NUMBER OF VEHICLES ON REGISTER

There were 13.5 million motor vehicles, including motorcycles, registered in Australia at 31 March 2004. This represents an increase of 10.3% since the 1999 Motor Vehicle Census (MVC), when there were 12.3 million vehicles registered in Australia. The average annual growth over this five year period was 2.0%.

TYPE OF VEHICLE (1999-2004), Australia

	1999	2004	change
	no.	no.	%
Passenger vehicles	9 686 223	10 629 401	9.7
Light commercial vehicles	1 721 200	1 952 486	13.4
Rigid trucks	346 823	357 617	3.1
Articulated trucks	63 295	66 300	4.7
Non-freight carrying trucks (a)	51 319	59 644	16.2
Buses	65 891	71 314	8.2
Motorcycles	333 782	396 309	18.7
Total motor vehicles	12 268 533	13 533 071	10.3

(a) Campervans are included with non-freight carrying trucks.

The passenger vehicle fleet has grown from 9.7 million in 1999 to 10.6 million in 2004, an increase of 9.7%. Motorcycles had the largest growth (18.7%) over the five year period, followed by non-freight carrying trucks, including campervans (16.2%), light commercial vehicles (13.4%), and buses (8.2%).

Articulated trucks rose by 4.7% to 66,300, while rigid trucks had the smallest growth over the five year period increasing by 3.1% to 357,617.

STATES AND TERRITORIES

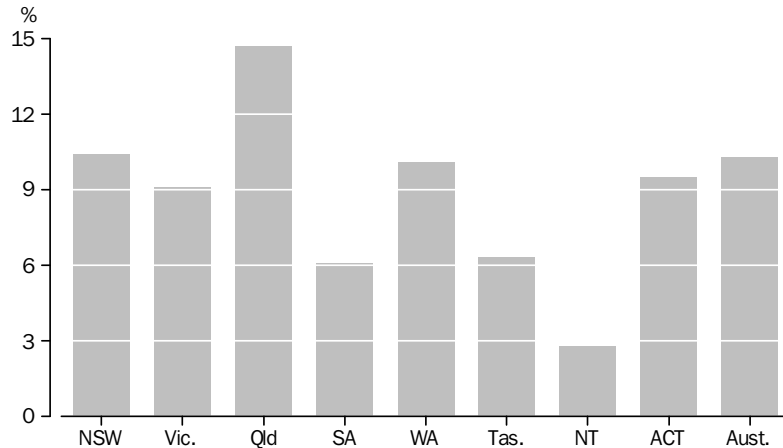
New South Wales had the largest share of the Australian fleet with 4.1 million vehicles (30.0% of the total) registered, followed by Victoria with 3.6 million (26.3%) and Queensland with 2.7 million (19.6%). The Northern Territory had the smallest share with 0.1 million vehicles (0.8%) registered. State shares of the national fleet have remained relatively stable since 1999.

From 1999 to 2004, two states experienced growth above the national average of 10.3%. The motor vehicle fleet in Queensland showed the largest growth with a 14.7% increase since 1999, an average annual growth of 2.8%. The fleet in New South Wales increased by 10.4% over the same period, representing an average annual growth of 2.0%. The Northern Territory showed the smallest growth in fleet size since 1999. This was an increase of 2.8% in the number of vehicles registered, an average annual increase of 0.5%.

SUMMARY OF FINDINGS *continued*

STATES AND TERRITORIES *continued*

PERCENTAGE CHANGE IN MOTOR VEHICLE REGISTRATIONS (1999-2004)

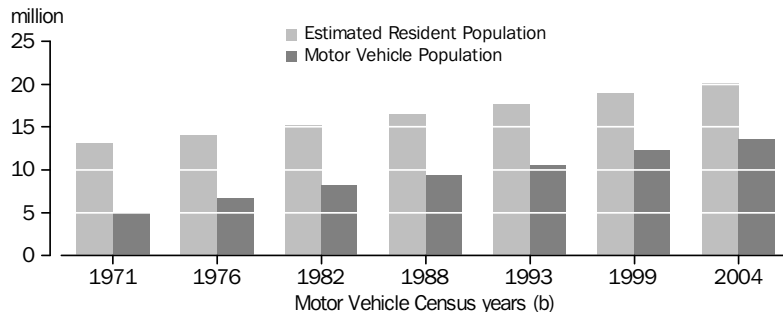


VEHICLES AND RESIDENT POPULATION

The ratio of motor vehicles registered to the estimated resident population (ERP) has been increasing consistently over the last 33 years. There were 398 vehicles per 1,000 residents in 1971 and 595 vehicles per 1,000 residents in 1993. This compares to 675 motor vehicles per 1,000 residents in Australia in 2004.

The average annual growth in the motor vehicle fleet over the 33 year period from 1971 to 2004 was 3.0%, while the ERP over the same period had an average annual growth of only 1.3%.

MOTOR VEHICLE FLEET AND ESTIMATED RESIDENT POPULATION (a)



(a) Population data to 1999 are at 30 June and 2004 data are at 31 March.

(b) See Explanatory Notes for Motor Vehicle Census years.

Source: ABS Population by Age and Sex, Australian States and Territories (cat. no. 3201.0)
ABS Australian Demographic Statistics (cat. no. 3101.0)

AVERAGE AGE OF THE FLEET

The average age of all vehicles registered in Australia at 31 March 2004 was 10.3 years. This is slightly younger than the 10.6 years recorded in the 1999 MVC. The majority of the total Australian fleet (68.6%) was manufactured after 1990.

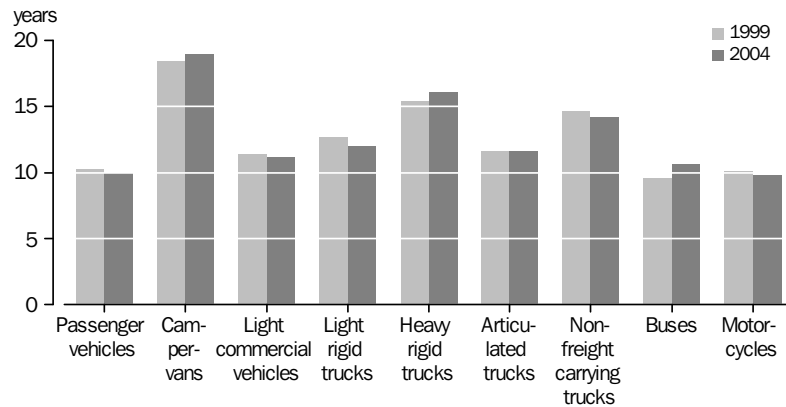
Campervans were the oldest vehicles registered with an average age of 18.9 years, while motorcycles were the youngest vehicle type with an average age of 9.8 years.

The average age of passenger vehicles dropped from 10.3 years in 1999 to 10.0 years in 2004, with 70.3% of passenger vehicles manufactured after 1990.

SUMMARY OF FINDINGS *continued*

AVERAGE AGE OF THE FLEET *continued*

ESTIMATED AVERAGE VEHICLE AGE(a), Type of vehicle



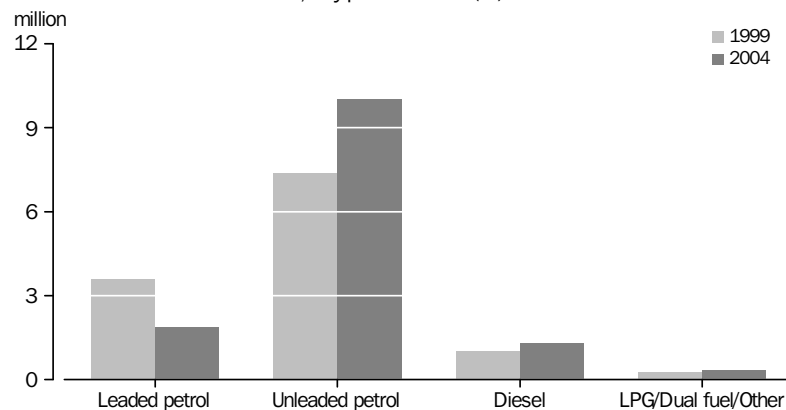
(a) For more details on calculation of average vehicle age refer to the Glossary.

Tasmania had the oldest fleet with an average age of 12.3 years and with 57.9% of vehicles manufactured after 1990. This was followed by South Australia with an average age of 11.6 years and 61.5% manufactured after 1990. The youngest fleets in Australia belonged to New South Wales and the Northern Territory, each with an average age of 9.3 years and almost three-quarters of vehicles in each fleet manufactured after 1990.

TYPE OF FUEL

In 2004, there were 10.0 million vehicles (74.1% of the total vehicle fleet) manufactured to use unleaded petrol, while 1.9 million vehicles (13.7%) were manufactured to use leaded petrol. In contrast, in 1999, there were 7.4 million vehicles (60.1%) manufactured to use unleaded petrol and 3.6 million vehicles (29.4%) manufactured to use leaded petrol. This represents an increase of 36.2% in unleaded petrol vehicles and a decrease of 48.4% in leaded petrol vehicles since 1999.

MOTOR VEHICLE FLEET, Type of fuel(a)



(a) Relates to the type of fuel the vehicle was manufactured to use.

In 2004, the Australian Capital Territory had the highest proportion of vehicles (81.3%) manufactured to use unleaded petrol. Consistent with their older fleet, Tasmania had the highest proportion of vehicles (21.8%) manufactured to use leaded petrol.

Passenger vehicles comprised 86.7% of motor vehicles that were manufactured to use unleaded petrol and 74.8% of vehicles manufactured to use leaded petrol.

SUMMARY OF FINDINGS *continued*

TYPE OF FUEL *continued*

The number of vehicles manufactured to use diesel fuel made up 9.7% (or 1.3 million vehicles) of the total fleet, representing an increase of 28.9% since the 1999 MVC. Diesel vehicles were most prominent in the Northern Territory with 24.0% of the fleet manufactured to use this fuel type. The Australian Capital Territory had the smallest proportion of diesel vehicles with 4.0%.

Light commercial vehicles made up 40.9% of vehicles manufactured to use diesel fuel, while rigid and articulated trucks accounted for 23.2% and 4.9% respectively. Passenger vehicles manufactured to use diesel fuel increased by 40.9% since the 1999 MVC, and represented 24.5% of all diesel vehicles in 2004.

CHARACTERISTICS OF THE FLEET

Passenger Vehicles

Passenger vehicles accounted for 78.5% of all vehicles registered in Australia in 2004. The state/territory with the largest proportion of passenger vehicles was the Australian Capital Territory with 86.1%, while the Northern Territory had the smallest share with 65.0%.

Queensland had the highest growth with an increase of 14.1%, while the Northern Territory showed the least growth, rising by 2.0%.

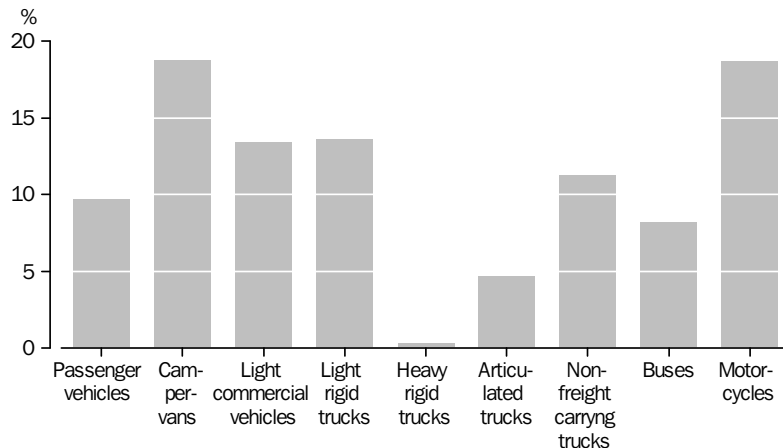
A total of 5.9 million passenger vehicles were either Holden, Ford or Toyota. Respectively, these three makes accounted for 19.1%, 18.2% and 18.2% of the total passenger vehicle fleet registered at 31 March 2004.

Kia recorded the highest growth of all passenger vehicle makes since 1999, with an average annual growth of 34.0%. Other makes that recorded high average annual growths were Lexus (19.0%), Audi (12.3%), Daewoo (10.1%), Jeep (9.6%) and Proton (9.4%). These high average annual growths should be considered in terms of the low number of vehicles from which they were derived.

Other Vehicle Types

Since 1999, light commercial vehicles have grown by 13.4%, light rigid trucks by 13.6% and articulated trucks by 4.7%.

PERCENTAGE CHANGE IN TYPE OF VEHICLE (1999-2004)



SUMMARY OF FINDINGS *continued*

Other Vehicle Types *continued*

While the total number of heavy rigid trucks registered in Australia has remained relatively stable since 1999, there were variances by gross vehicle mass (GVM). The number of registrations for the heaviest rigid trucks (those with a GVM greater than 20 tonnes) has increased by 19.6% since 1999, while registrations for heavy rigid trucks with a GVM of less than 20 tonnes decreased 22.1% over the same period.

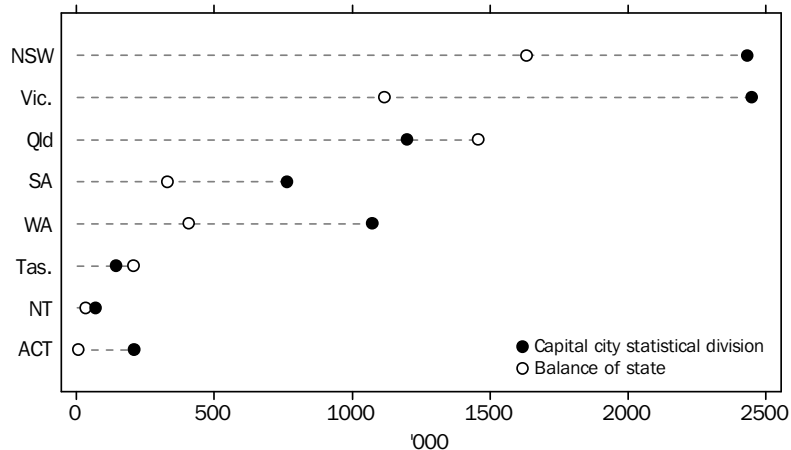
Almost half (47.7%) of articulated trucks had a gross combination mass (GCM) of between 40 and 60 tonnes. The largest growth since 2002 in the GCM of articulated trucks was in the 60 to 100 tonnes range with a 29.4% increase, while the largest decline was in the 20 to 40 tonnes range with a 14.4% decrease.

Queensland had the largest share of the heaviest articulated trucks, accounting for 55.6% of all articulated trucks registered in Australia with a GCM over 100 tonnes.

STATISTICAL DIVISIONS

For most states and territories, the capital city statistical divisions had the largest shares of their respective vehicle fleet. The exceptions to this were Queensland and Tasmania. With 2.4 million motor vehicle registrations, Melbourne and Sydney were the SDs with the largest fleets.

TOTAL MOTOR VEHICLES, Capital city statistical division and Balance of state



Brisbane, Darwin and Greater Hobart were the only capital city SDs where the number of passenger vehicle registrations was less than 80% of the capital city SD fleet.

Capital city SDs had the largest share of vehicles manufactured to use unleaded petrol for all states and territories. Generally, as SDs become more regional, the higher the proportion of vehicles manufactured to use diesel fuel. For example, in New South Wales 85.2% of vehicles in the Sydney SD were manufactured to use unleaded petrol, compared to 71.1% in the Mid-North Coast SD and 61.6% in the North Western SD. Conversely, 5.6% of the Sydney SD were manufactured to use diesel fuel, while 13.6% and 23.4% of vehicles in the Mid-North Coast and North Western SDs respectively were diesel vehicles.

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MOTOR VEHICLES ON REGISTER, Type of vehicle—Census years(a)

	<i>New South Wales</i>	<i>Victoria</i>	<i>Queensland</i>	<i>South Australia</i>	<i>Western Australia</i>	<i>Tasmania</i>	<i>Northern Territory</i>	<i>Australian Capital Territory</i>	<i>Australia</i>
	no.	no.	no.	no.	no.	no.	no.	no.	no.
PASSENGER VEHICLES									
1999	2 963 146	2 644 962	1 741 070	838 440	1 018 036	242 867	67 558	170 144	9 686 223
2003	3 163 322	2 822 384	1 915 327	873 449	1 091 973	247 492	68 275	183 719	10 365 941
2004	3 250 277	2 873 351	1 986 508	886 931	1 122 094	255 721	68 916	185 603	10 629 401
CAMPERVANS									
1999	6 536	7 266	5 194	4 514	6 645	2 792	153	522	33 622
2003	7 787	8 445	6 818	4 393	7 049	3 163	153	529	38 337
2004	8 164	8 701	7 677	4 306	7 135	3 295	162	507	39 947
LIGHT COMMERCIAL VEHICLES									
1999	482 100	401 995	396 332	125 990	212 389	60 982	24 574	16 838	1 721 200
2003	531 769	438 047	441 358	132 754	226 123	65 453	25 753	18 498	1 879 755
2004	551 759	452 190	464 319	137 252	233 343	68 413	26 334	18 876	1 952 486
LIGHT RIGID TRUCKS									
1999	27 060	16 580	15 748	3 743	6 953	2 129	433	623	73 269
2003	29 116	16 493	18 026	4 155	7 431	2 151	500	607	78 479
2004	30 574	17 331	19 562	4 382	7 974	2 227	533	629	83 212
HEAVY RIGID TRUCKS									
1999	78 801	68 889	54 229	21 833	37 647	7 600	2 875	1 680	273 554
2003	75 823	69 714	53 708	21 467	37 728	7 131	2 885	1 738	270 194
2004	77 705	69 310	55 599	21 557	38 332	7 299	2 874	1 729	274 405
ARTICULATED TRUCKS									
1999	16 278	18 121	12 764	5 932	7 639	1 501	814	246	63 295
2003	14 766	19 254	13 823	6 436	7 653	1 382	697	250	64 261
2004	15 302	20 241	14 130	6 224	8 027	1 451	689	236	66 300
NON-FREIGHT CARRYING TRUCKS									
1999	3 230	5 704	2 929	1 905	2 780	902	158	89	17 697
2003	3 413	5 018	3 754	1 761	3 374	936	259	84	18 599
2004	3 511	5 878	3 824	1 715	3 479	923	266	101	19 697
BUSES									
1999	16 628	15 021	14 148	4 005	9 886	2 226	2 966	1 011	65 891
2003	18 805	15 887	15 457	4 285	10 044	2 194	2 493	957	70 122
2004	20 061	15 685	15 093	4 174	10 334	2 038	3 013	916	71 314
MOTORCYCLES									
1999	85 554	87 954	73 219	26 129	42 834	8 569	3 643	5 880	333 782
2003	100 049	99 072	83 790	28 454	47 066	8 582	3 244	7 014	377 271
2004	106 287	102 463	89 332	29 382	49 488	9 036	3 229	7 092	396 309
TOTAL MOTOR VEHICLES									
1999	3 679 333	3 266 492	2 315 633	1 032 491	1 344 809	329 568	103 174	197 033	12 268 533
2003	3 944 850	3 494 314	2 552 061	1 077 154	1 438 441	338 484	104 259	213 396	13 162 959
2004	4 063 640	3 565 150	2 656 044	1 095 923	1 480 206	350 403	106 016	215 689	13 533 071

(a) The 1999 data are at 31 October. The 2003 and 2004 data are at 31 March.

MOTOR VEHICLES ON REGISTER PER 1,000 POPULATION—Census years(a)

	<i>New South Wales</i>	<i>Victoria</i>	<i>Queensland</i>	<i>South Australia</i>	<i>Western Australia</i>	<i>Tasmania</i>	<i>Northern Territory</i>	<i>Australian Capital Territory</i>	<i>Australia</i>
	no.	no.	no.	no.	no.	no.	no.	no.	no.
PASSENGER VEHICLES									
1999	461	563	495	559	548	515	349	544	510
2004	484	579	514	578	568	531	346	573	530
CAMPERVANS									
1999	1	2	1	3	4	6	1	2	2
2004	1	2	2	3	4	7	1	2	2
LIGHT COMMERCIAL VEHICLES									
1999	75	86	113	84	114	129	127	54	91
2004	82	91	120	90	118	142	132	58	97
LIGHT RIGID TRUCKS									
1999	4	4	4	2	4	5	2	2	4
2004	5	3	5	3	4	5	3	2	4
HEAVY RIGID TRUCKS									
1999	12	15	15	15	20	16	15	5	14
2004	12	14	14	14	19	15	14	5	14
ARTICULATED TRUCKS									
1999	3	4	4	4	4	3	4	1	3
2004	2	4	4	4	4	3	3	1	3
NON-FREIGHT CARRYING TRUCKS									
1999	1	1	1	1	1	2	1	—	1
2004	1	1	1	1	2	2	1	—	1
BUSES									
1999	3	3	4	3	5	5	15	3	3
2004	3	3	4	3	5	4	15	3	4
MOTORCYCLES									
1999	13	19	21	17	23	18	19	19	18
2004	16	21	23	19	25	19	16	22	20
TOTAL MOTOR VEHICLES									
1999	572	695	659	688	724	699	533	630	646
2004	605	718	687	715	749	727	532	666	675

— nil or rounded to zero (including null cells)

(a) The 1999 data are at 31 October. The 2004 data are at 31 March. Population data are at 30 September for 1999 and 31 March for 2004.

ESTIMATED AVERAGE AGE OF MOTOR VEHICLES(a), Type of vehicle—Census years(b)

	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
	years	years	years	years	years	years	years	years	years
PASSENGER VEHICLES									
1999	9.2	10.8	10.2	11.9	10.5	12.1	8.9	10.1	10.3
2004	9.0	10.3	10.0	11.4	10.4	11.7	8.9	9.6	10.0
CAMPERVANS									
1999	17.1	19.2	16.3	18.8	20.2	18.9	18.9	18.4	18.4
2004	17.0	19.8	16.3	20.5	21.2	20.2	20.5	19.8	18.9
LIGHT COMMERCIAL VEHICLES									
1999	10.4	12.4	11.0	12.6	11.7	13.1	9.8	10.9	11.4
2004	10.2	11.9	11.0	12.1	11.9	13.2	9.9	10.2	11.2
LIGHT RIGID TRUCKS									
1999	11.2	14.3	12.6	14.6	13.7	16.7	7.1	11.9	12.7
2004	11.0	12.9	11.5	12.9	13.3	16.1	9.1	11.3	12.0
HEAVY RIGID TRUCKS									
1999	13.8	16.8	14.3	17.2	16.9	16.8	12.4	11.0	15.4
2004	14.1	17.6	15.1	17.8	18.2	17.3	13.3	11.5	16.1
ARTICULATED TRUCKS									
1999	11.4	11.8	11.3	10.8	13.1	11.0	11.6	7.9	11.6
2004	10.6	11.8	11.4	11.4	13.4	10.5	12.5	8.4	11.6
NON-FREIGHT CARRYING TRUCKS									
1999	14.0	15.3	11.8	13.8	16.8	16.8	11.0	16.6	14.6
2004	12.6	15.0	11.4	14.9	16.8	16.9	13.1	12.0	14.2
BUSES									
1999	9.2	10.4	9.8	11.3	8.0	13.7	6.5	8.9	9.5
2004	10.3	10.8	10.5	11.8	10.1	14.7	8.1	10.6	10.6
MOTORCYCLES (c)									
1999	9.2	9.9	10.6	9.7	11.6	10.3	8.4	9.4	10.1
2004	9.0	9.5	10.2	8.5	12.0	10.5	8.2	9.0	9.8
TOTAL MOTOR VEHICLES									
1999	9.5	11.2	10.5	12.1	11.0	12.5	9.2	10.1	10.6
2004	9.3	10.7	10.3	11.6	11.0	12.3	9.3	9.7	10.3

(a) For more details on calculation of average age refer to the Glossary.

(b) The 1999 data are at 31 October. The 2004 data are at 31 March.

(c) The year of manufacture for motorcycles in South Australia is not well reported. In 2004 it was not reported for 20% of motorcycles registered in South Australia.

MOTOR VEHICLES ON REGISTER, Type of fuel(a)—Census years(b)

PETROL						
	Leaded	Unleaded	Total	Diesel	LPG/Dual fuel/Other(c)	Total
	no.	no.	no.	no.	no.	no.
PASSENGER VEHICLES						
1999	2 857 353	6 402 426	9 259 779	228 504	197 940	9 686 223
2004	1 388 158	8 696 186	10 084 344	322 058	222 999	10 629 401
CAMPERVANS						
1999	18 120	3 918	22 038	10 124	1 460	33 622
2004	14 104	6 144	20 248	17 529	2 170	39 947
LIGHT COMMERCIAL VEHICLES						
1999	539 801	720 073	1 259 874	389 277	72 049	1 721 200
2004	331 036	987 518	1 318 554	538 087	95 845	1 952 486
LIGHT RIGID TRUCKS						
1999	17 710	3 964	21 674	49 764	1 831	73 269
2004	10 570	4 480	15 050	66 351	1 811	83 212
HEAVY RIGID TRUCKS						
1999	44 765	3 829	48 594	222 614	2 346	273 554
2004	29 935	3 848	33 783	238 651	1 971	274 405
ARTICULATED TRUCKS						
1999	1 409	800	2 209	61 053	33	63 295
2004	782	892	1 674	64 589	37	66 300
NON-FREIGHT CARRYING TRUCKS						
1999	5 164	2 854	8 018	9 001	678	17 697
2004	3 284	2 029	5 313	13 743	641	19 697
BUSES						
1999	4 190	10 548	14 738	49 997	1 156	65 891
2004	2 385	12 866	15 251	54 344	1 719	71 314
MOTORCYCLES						
1999	112 814	220 968	333 782	—	—	333 782
2004	76 236	320 070	396 306	3	—	396 309
TOTAL MOTOR VEHICLES						
1999	3 601 326	7 369 380	10 970 706	1 020 334	277 493	12 268 533
2004	1 856 490	10 034 033	11 890 523	1 315 355	327 193	13 533 071

— nil or rounded to zero (including null cells)

(a) Relates to the type of fuel the vehicle was manufactured to use.

(b) The 1999 data are at 31 October. The 2004 data are at 31 March.

(c) The Other component of LPG/Dual fuel/Other is 0.34% for total motor vehicles in 1999 and 0.30% for total motor vehicles in 2004.

PASSENGER VEHICLES ON REGISTER, Top 30 makes—Census years(a)

	1999	2004	Change
	no.	no.	%
Holden	1 911 828	2 033 568	6.4
Ford	2 070 480	1 933 822	-6.6
Toyota	1 644 218	1 930 065	17.4
Mitsubishi	951 338	1 001 575	5.3
Nissan (incl. Datsun)	727 594	729 429	0.3
Mazda	428 141	465 229	8.7
Hyundai	320 671	464 165	44.7
Honda	264 292	343 874	30.1
Subaru	175 332	272 985	55.7
Mercedes-Benz	110 073	154 090	40.0
BMW	104 770	150 605	43.7
Daihatsu	133 558	137 833	3.2
Daewoo	81 681	131 998	61.6
Suzuki	110 385	123 784	12.1
Volkswagen	65 485	88 399	35.0
Volvo	91 526	81 900	-10.5
Kia	15 396	66 425	331.4
Land Rover	35 450	51 432	45.1
Peugeot	35 630	49 846	39.9
Chrysler	89 284	49 563	-44.5
Jeep	28 157	44 515	58.1
Saab	35 369	42 115	19.1
Audi	18 458	32 957	78.6
Jaguar	24 181	25 991	7.5
Lexus	9 862	23 513	138.4
Alfa Romeo	16 475	19 777	20.0
Range Rover	17 106	17 141	0.2
Renault	11 577	15 994	38.2
Proton	10 119	15 855	56.7
Porsche	11 031	14 795	34.1
Other	136 756	116 161	-15.1
Total All Makes	9 686 223	10 629 401	9.7

(a) The 1999 data are at 31 October. The 2004 data are at 31 March.

RIGID TRUCKS ON REGISTER, Gross vehicle mass (GVM)—Census years(a)

GVM (TONNES)						
	4.5 and under	Over 4.5 to 8	Over 8 to 12	Over 12 to 20	Greater than 20	Total
	no.	no.	no.	no.	no.	no.
NEW SOUTH WALES						
1999	27 095	23 916	22 444	16 857	15 549	105 861
2004	30 574	22 264	22 613	15 338	17 490	108 279
VICTORIA						
1999	16 674	22 447	19 862	15 984	10 502	85 469
2004	17 331	19 849	20 087	15 129	14 245	86 641
QUEENSLAND						
1999	15 770	14 054	13 930	14 314	11 909	69 977
2004	19 562	12 929	14 958	14 478	13 234	75 161
SOUTH AUSTRALIA						
1999	3 745	5 808	7 783	4 523	3 717	25 576
2004	4 382	5 338	6 929	4 637	4 653	25 939
WESTERN AUSTRALIA						
1999	6 959	9 527	9 735	10 786	7 593	44 600
2004	7 974	9 457	9 492	10 233	9 150	46 306
TASMANIA						
1999	2 129	2 721	1 992	1 562	1 325	9 729
2004	2 227	2 447	1 694	1 453	1 705	9 526
NORTHERN TERRITORY						
1999	432	1 184	720	596	376	3 308
2004	533	1 104	659	645	466	3 407
AUSTRALIAN CAPITAL TERRITORY						
1999	613	606	440	309	335	2 303
2004	629	513	492	309	415	2 358
AUSTRALIA						
1999	73 417	80 263	76 906	64 931	51 306	346 823
2004	83 212	73 901	76 924	62 222	61 358	357 617

(a) The 1999 data are at 31 October. The 2004 data are at 31 March.

ARTICULATED TRUCKS ON REGISTER, Gross combination mass (GCM)(a)—Census years(b)

GCM (TONNES)						
	Over 3 to 20	Over 20 to 40	Over 40 to 60	Over 60 to 100	Greater than 100	Total
	no.	no.	no.	no.	no.	no.
NEW SOUTH WALES						
2002	87	2 039	7 857	4 956	355	15 294
2004	87	1 713	6 966	6 095	441	15 302
VICTORIA						
2002	385	4 287	8 927	4 951	3	18 553
2004	437	3 831	8 716	7 248	9	20 241
QUEENSLAND						
2002	85	1 718	6 087	4 165	1 230	13 285
2004	62	1 526	5 655	5 314	1 573	14 130
SOUTH AUSTRALIA						
2002	35	874	3 428	1 811	246	6 394
2004	31	700	3 209	1 937	347	6 224
WESTERN AUSTRALIA						
2002	118	1 930	5 801	105	27	7 981
2004	89	1 536	6 241	120	41	8 027
TASMANIA						
2002	6	167	759	550	1	1 483
2004	3	115	623	708	2	1 451
NORTHERN TERRITORY						
2002	5	45	84	130	389	653
2004	2	46	76	148	417	689
AUSTRALIAN CAPITAL TERRITORY						
2002	4	28	182	48	—	262
2004	3	24	146	63	—	236
AUSTRALIA						
2002	725	11 088	33 125	16 716	2 251	63 905
2004	714	9 491	31 632	21 633	2 830	66 300

— nil or rounded to zero (including null cells)

(a) Comparable GCM data are not available prior to 2002.

(b) The 2002 and 2004 data are at 31 March.

MOTOR VEHICLES ON REGISTER, Type of vehicle, Statistical division(a)

Statistical division	PASSENGER VEHICLES		LIGHT COMMERCIAL VEHICLES		TRUCKS(b)		OTHER(c)		TOTAL	
	Count	Proportion of SD	Count	Proportion of SD	Count	Proportion of SD	Count	Proportion of SD	Count	Proportion of SD
	no.	%	no.	%	no.	%	no.	%	no.	%
NEW SOUTH WALES										
Sydney	2 053 917	84.4	246 472	10.1	62 936	2.6	68 875	2.8	2 432 200	100
Hunter	302 925	78.6	55 362	14.4	11 228	2.9	16 032	4.2	385 547	100
Illawarra	202 033	79.8	34 352	13.6	6 683	2.6	10 047	4.0	253 115	100
Richmond-Tweed	102 895	77.2	21 466	16.1	3 837	2.9	5 163	3.9	133 361	100
Mid-North Coast	142 168	75.9	31 006	16.6	5 896	3.1	8 274	4.4	187 344	100
Northern	77 848	64.7	31 113	25.9	7 067	5.9	4 209	3.5	120 237	100
North Western	48 657	62.0	21 819	27.8	5 052	6.4	2 926	3.7	78 454	100
Central West	82 874	65.5	31 390	24.8	7 164	5.7	5 100	4.0	126 528	100
South Eastern	98 071	68.9	31 807	22.3	6 259	4.4	6 221	4.4	142 358	100
Murrumbidgee	69 164	65.6	25 234	23.9	6 734	6.4	4 234	4.0	105 366	100
Murray	49 420	69.3	16 251	22.8	3 071	4.3	2 560	3.6	71 302	100
Far West	9 548	70.1	2 973	21.8	405	3.0	688	5.1	13 614	100
Out of State/Unspecified(d)	10 757	75.7	2 514	17.7	760	5.3	183	1.3	14 214	100
Total	3 250 277	80.0	551 759	13.6	127 092	3.1	134 512	3.3	4 063 640	100
VICTORIA										
Melbourne	2 081 125	85.0	231 766	9.5	56 935	2.3	77 534	3.2	2 447 360	100
Barwon	152 122	78.3	28 567	14.7	6 446	3.3	7 233	3.7	194 368	100
Western District	55 656	67.3	18 685	22.6	4 804	5.8	3 533	4.3	82 678	100
Central Highlands	83 858	73.4	20 909	18.3	4 847	4.2	4 616	4.0	114 230	100
Wimmera	28 248	61.3	11 774	25.5	4 240	9.2	1 844	4.0	46 106	100
Mallee	46 447	62.7	19 526	26.4	5 290	7.1	2 785	3.8	74 048	100
Loddon	98 578	72.0	26 430	19.3	6 110	4.5	5 834	4.3	136 952	100
Goulburn	113 045	67.7	36 407	21.8	9 219	5.5	8 269	5.0	166 940	100
Ovens-Murray	55 976	69.3	16 562	20.5	3 999	5.0	4 240	5.2	80 777	100
East Gippsland	46 850	68.8	14 616	21.5	3 039	4.5	3 583	5.3	68 088	100
Gippsland	95 391	73.3	23 207	17.8	4 981	3.8	6 536	5.0	130 115	100
Out of State/Unspecified(d)	16 055	68.4	3 741	15.9	2 850	12.1	842	3.6	23 488	100
Total	2 873 351	80.6	452 190	12.7	112 760	3.2	126 849	3.6	3 565 150	100
QUEENSLAND										
Brisbane	958 303	79.9	164 188	13.7	33 968	2.8	42 949	3.6	1 199 408	100
Moreton	434 531	78.2	84 263	15.2	14 757	2.7	22 451	4.0	556 002	100
Wide Bay-Burnett	119 518	69.2	36 578	21.2	7 362	4.3	9 301	5.4	172 759	100
Darling Downs	101 328	66.0	36 182	23.6	10 485	6.8	5 604	3.6	153 599	100
South West	9 811	49.1	7 605	38.1	2 006	10.0	543	2.7	19 965	100
Fitzroy	82 557	66.6	29 465	23.8	5 822	4.7	6 207	5.0	124 051	100
Central West	4 263	46.1	3 586	38.7	1 011	10.9	395	4.3	9 255	100
Mackay	64 101	64.1	25 817	25.8	4 411	4.4	5 597	5.6	99 926	100
Northern	86 434	67.5	29 475	23.0	4 684	3.7	7 478	5.8	128 071	100
Far North	95 888	66.3	34 387	23.8	5 135	3.6	9 155	6.3	144 565	100
North West	10 858	55.4	6 088	31.0	1 463	7.5	1 199	6.1	19 608	100
Out of State/Unspecified(d)	18 916	65.6	6 685	23.2	2 011	7.0	1 223	4.2	28 835	100
Total	1 986 508	74.8	464 319	17.5	93 115	3.5	112 102	4.2	2 656 044	100

(a) Data at the statistical division level was concorded from information based on the postcode of owner. See Statistical Geography section of the Explanatory Notes for information on statistical division and concordances.

(b) Includes articulated, rigid and non-freight carrying trucks.

(c) Includes campervans, buses and motorcycles.

(d) Vehicles with a postcode of owner in a state/territory other than that in which their vehicle was registered are included in the category Out of State/Unspecified. Also included in this category are the postcodes of owners which could not be allocated to a statistical division.

MOTOR VEHICLES ON REGISTER, Type of vehicle, Statistical division(a) *continued*

Statistical division	PASSENGER VEHICLES		LIGHT COMMERCIAL VEHICLES		TRUCKS(b)		OTHER(c)		TOTAL	
	Count	Proportion of SD	Count	Proportion of SD	Count	Proportion of SD	Count	Proportion of SD	Count	Proportion of SD
	no.	%	no.	%	no.	%	no.	%	no.	%
SOUTH AUSTRALIA										
Adelaide	656 894	85.9	67 158	8.8	17 075	2.2	23 191	3.0	764 318	100
Outer Adelaide	72 029	74.4	16 788	17.3	4 027	4.2	3 938	4.1	96 782	100
Yorke and Lower North	25 913	65.5	9 116	23.0	2 622	6.6	1 900	4.8	39 551	100
Murray Lands	39 404	68.6	12 464	21.7	3 065	5.3	2 525	4.4	57 458	100
South East	34 205	64.8	13 245	25.1	3 073	5.8	2 262	4.3	52 785	100
Eyre	17 610	63.1	7 465	26.7	1 616	5.8	1 231	4.4	27 922	100
Northern	37 899	71.1	10 547	19.8	2 107	4.0	2 746	5.2	53 299	100
Out of State/Unspecified(d)	2 977	78.2	469	12.3	293	7.7	69	1.8	3 808	100
Total	886 931	80.9	137 252	12.5	33 878	3.1	37 862	3.5	1 095 923	100
WESTERN AUSTRALIA										
Perth	866 234	80.7	135 115	12.6	28 388	2.6	44 016	4.1	1 073 753	100
South West	111 309	70.8	31 637	20.1	6 091	3.9	8 288	5.3	157 325	100
Lower Great Southern	28 105	61.3	11 552	25.2	3 701	8.1	2 524	5.5	45 882	100
Upper Great Southern	9 891	50.6	5 717	29.3	3 273	16.8	651	3.3	19 532	100
Midlands	27 271	53.9	14 023	27.7	6 869	13.6	2 453	4.8	50 616	100
South Eastern	23 505	58.7	11 030	27.5	2 973	7.4	2 533	6.3	40 041	100
Central	26 676	59.2	12 367	27.4	3 628	8.0	2 421	5.4	45 092	100
Pilbara	16 184	64.0	5 711	22.6	1 248	4.9	2 143	8.5	25 286	100
Kimberley	8 227	55.1	4 292	28.7	965	6.5	1 459	9.8	14 943	100
Out of State/Unspecified(d)	4 692	60.7	1 899	24.5	676	8.7	469	6.1	7 736	100
Total	1 122 094	75.8	233 343	15.8	57 812	3.9	66 957	4.5	1 480 206	100
TASMANIA										
Greater Hobart	111 631	77.5	23 363	16.2	3 961	2.7	5 147	3.6	144 102	100
Southern	16 975	64.4	7 124	27.0	1 179	4.5	1 075	4.1	26 353	100
Northern	72 315	71.6	20 675	20.5	3 617	3.6	4 407	4.4	101 014	100
Mersey-Lyell	54 195	69.4	17 083	21.9	3 068	3.9	3 702	4.7	78 048	100
Out of State/Unspecified(d)	605	68.3	168	19.0	75	8.5	38	4.3	886	100
Total	255 721	73.0	68 413	19.5	11 900	3.4	14 369	4.1	350 403	100
NORTHERN TERRITORY										
Darwin	48 211	67.7	16 805	23.6	2 554	3.6	3 609	5.1	71 179	100
Northern Territory - Bal	20 441	59.7	9 348	27.3	1 763	5.1	2 709	7.9	34 261	100
Out of State/Unspecified(d)	264	45.8	181	31.4	45	7.8	86	14.9	576	100
Total	68 916	65.0	26 334	24.8	4 362	4.1	6 404	6.0	106 016	100
AUSTRALIAN CAPITAL TERRITORY										
Canberra	181 578	86.8	17 379	8.3	2 106	1.0	8 175	3.9	209 238	100
Australian Capital Territory - Bal	43	79.6	6	11.1	2	3.7	3	5.6	54	100
Out of State/Unspecified(d)	3 982	62.2	1 491	23.3	587	9.2	337	5.3	6 397	100
Total	185 603	86.1	18 876	8.8	2 695	1.2	8 515	3.9	215 689	100
AUSTRALIA										
Total	10 629 401	78.5	1 952 486	14.4	443 614	3.3	507 570	3.8	13 533 071	100

(a) Data at the statistical division level was concorded from information based on the postcode of owner. See Statistical Geography section of the Explanatory Notes for information on statistical division and concordances.

(b) Includes articulated, rigid and non-freight carrying trucks.

(c) Includes campervans, buses and motorcycles.

(d) Vehicles with a postcode of owner in a state/territory other than that in which their vehicle was registered are included in the category Out of State/Unspecified. Also included in this category are the postcodes of owners which could not be allocated to a statistical division.

MOTOR VEHICLES ON REGISTER, Type of fuel, Statistical division(a)

Statistical division	PETROL LEADED		PETROL UNLEADED		DIESEL		LPG/DUAL FUEL/OTHER(b)		TOTAL	
	Count	Proportion of SD	Count	Proportion of SD	Count	Proportion of SD	Count	Proportion of SD	Count	Proportion of SD
	no.	%	no.	%	no.	%	no.	%	no.	%
NEW SOUTH WALES										
Sydney	193 516	8.0	2 072 801	85.2	136 283	5.6	29 600	1.2	2 432 200	100
Hunter	42 389	11.0	298 117	77.3	40 668	10.5	4 373	1.1	385 547	100
Illawarra	27 398	10.8	202 171	79.9	19 736	7.8	3 810	1.5	253 115	100
Richmond-Tweed	19 709	14.8	95 843	71.9	16 306	12.2	1 503	1.1	133 361	100
Mid-North Coast	26 714	14.3	133 243	71.1	25 489	13.6	1 898	1.0	187 344	100
Northern	18 760	15.6	73 598	61.2	27 010	22.5	869	0.7	120 237	100
North Western	11 095	14.1	48 366	61.6	18 347	23.4	646	0.8	78 454	100
Central West	19 070	15.1	83 219	65.8	22 874	18.1	1 365	1.1	126 528	100
South Eastern	20 232	14.2	97 664	68.6	21 419	15.0	3 043	2.1	142 358	100
Murrumbidgee	15 617	14.8	67 635	64.2	20 355	19.3	1 759	1.7	105 366	100
Murray	10 500	14.7	46 539	65.3	12 195	17.1	2 068	2.9	71 302	100
Far West	2 344	17.2	8 941	65.7	2 114	15.5	215	1.6	13 614	100
Out of State/Unspecified(c)	158	1.1	11 623	81.8	1 982	13.9	451	3.2	14 214	100
Total	407 502	10.0	3 239 760	79.7	364 778	9.0	51 600	1.3	4 063 640	100
VICTORIA										
Melbourne	317 982	13.0	1 891 829	77.3	119 513	4.9	118 036	4.8	2 447 360	100
Barwon	33 270	17.1	136 088	70.0	14 088	7.2	10 922	5.6	194 368	100
Western District	14 958	18.1	52 062	63.0	11 810	14.3	3 848	4.7	82 678	100
Central Highlands	22 209	19.4	74 618	65.3	10 542	9.2	6 861	6.0	114 230	100
Wimmera	10 768	23.4	25 488	55.3	7 992	17.3	1 858	4.0	46 106	100
Mallee	15 546	21.0	43 540	58.8	12 597	17.0	2 365	3.2	74 048	100
Loddon-Campaspe	29 859	21.8	85 697	62.6	12 807	9.4	8 589	6.3	136 952	100
Goulburn	34 043	20.4	100 884	60.4	23 012	13.8	9 001	5.4	166 940	100
Ovens-Murray	16 250	20.1	49 491	61.3	11 767	14.6	3 269	4.0	80 777	100
East Gippsland	12 735	18.7	40 848	60.0	10 404	15.3	4 101	6.0	68 088	100
Gippsland	22 621	17.4	82 815	63.6	14 812	11.4	9 867	7.6	130 115	100
Out of State/Unspecified(c)	2 446	10.4	16 003	68.1	4 154	17.7	885	3.8	23 488	100
Total	532 687	14.9	2 599 363	72.9	253 498	7.1	179 602	5.0	3 565 150	100
QUEENSLAND										
Brisbane	155 624	13.0	920 209	76.7	104 232	8.7	19 343	1.6	1 199 408	100
Moreton	77 957	14.0	414 926	74.6	53 164	9.6	9 955	1.8	556 002	100
Wide Bay-Burnett	33 088	19.2	106 564	61.7	30 052	17.4	3 055	1.8	172 759	100
Darling Downs	27 434	17.9	95 354	62.1	29 091	18.9	1 720	1.1	153 599	100
South West	2 541	12.7	9 058	45.4	8 242	41.3	124	0.6	19 965	100
Fitzroy	18 276	14.7	79 628	64.2	24 857	20.0	1 290	1.0	124 051	100
Central West	1 134	12.3	4 116	44.5	3 920	42.4	85	0.9	9 255	100
Mackay	12 876	12.9	65 164	65.2	20 990	21.0	896	0.9	99 926	100
Northern	17 334	13.5	87 299	68.2	22 160	17.3	1 278	1.0	128 071	100
Far North	18 146	12.6	94 499	65.4	30 394	21.0	1 526	1.1	144 565	100
North West	2 289	11.7	10 371	52.9	6 809	34.7	139	0.7	19 608	100
Out of State/Unspecified(c)	1 380	4.8	20 279	70.3	6 523	22.6	653	2.3	28 835	100
Total	368 079	13.9	1 907 467	71.8	340 434	12.8	40 064	1.5	2 656 044	100

(a) Data at the statistical division level was concorded from information based on the postcode of owner. See Statistical Geography section of the Explanatory Notes for information on statistical division and concordances.

(b) The Other component of LPG/Dual fuel/Other is 0.30% for total motor vehicles.

(c) Vehicles with a postcode of owner in a state/territory other than that in which their vehicle was registered are included in the category Out of State/Unspecified. Also included in this category are the postcodes of owners which could not be allocated to a statistical division.

Statistical division	PETROL LEADED		PETROL UNLEADED		DIESEL		LPG/DUAL FUEL/OTHER(b)		TOTAL	
	Count	Proportion of SD	Count	Proportion of SD	Count	Proportion of SD	Count	Proportion of SD	Count	Proportion of SD
	no.	%	no.	%	no.	%	no.	%	no.	%
SOUTH AUSTRALIA										
Adelaide	138 399	18.1	583 940	76.4	35 130	4.6	6 849	0.9	764 318	100
Outer Adelaide	21 139	21.8	65 662	67.8	8 969	9.3	1 012	1.0	96 782	100
Yorke and Lower North	9 299	23.5	23 582	59.6	6 354	16.1	316	0.8	39 551	100
Murray Lands	14 000	24.4	35 387	61.6	7 494	13.0	577	1.0	57 458	100
South East	9 410	17.8	34 416	65.2	8 657	16.4	302	0.6	52 785	100
Eyre	5 484	19.6	15 634	56.0	6 631	23.7	173	0.6	27 922	100
Northern	12 807	24.0	33 951	63.7	6 144	11.5	397	0.7	53 299	100
Out of State/Unspecified(c)	408	10.7	2 975	78.1	393	10.3	32	0.8	3 808	100
Total	210 946	19.2	795 547	72.6	79 772	7.3	9 658	0.9	1 095 923	100
WESTERN AUSTRALIA										
Perth	156 802	14.6	790 635	73.6	98 470	9.2	27 846	2.6	1 073 753	100
South West	25 569	16.3	97 928	62.2	29 223	18.6	4 605	2.9	157 325	100
Lower Great Southern	8 016	17.5	25 297	55.1	11 784	25.7	785	1.7	45 882	100
Upper Great Southern	3 793	19.4	8 762	44.9	6 708	34.3	269	1.4	19 532	100
Midlands	10 477	20.7	23 890	47.2	15 054	29.7	1 195	2.4	50 616	100
South Eastern	5 530	13.8	21 803	54.5	12 078	30.2	630	1.6	40 041	100
Central	7 394	16.4	24 032	53.3	12 898	28.6	768	1.7	45 092	100
Pilbara	3 245	12.8	13 189	52.2	8 445	33.4	407	1.6	25 286	100
Kimberley	2 137	14.3	6 377	42.7	6 232	41.7	197	1.3	14 943	100
Out of State/Unspecified(c)	952	12.3	4 615	59.7	1 903	24.6	266	3.4	7 736	100
Total	223 915	15.1	1 016 528	68.7	202 795	13.7	36 968	2.5	1 480 206	100
TASMANIA										
Greater Hobart	31 036	21.5	99 894	69.3	12 071	8.4	1 101	0.8	144 102	100
Southern	7 366	28.0	14 584	55.3	4 133	15.7	270	1.0	26 353	100
Northern	22 766	22.5	64 845	64.2	12 363	12.2	1 040	1.0	101 014	100
Mersey-Lyell	15 052	19.3	50 946	65.3	11 240	14.4	810	1.0	78 048	100
Out of State/Unspecified(c)	104	11.7	619	69.9	146	16.5	17	1.9	886	100
Total	76 324	21.8	230 888	65.9	39 953	11.4	3 238	0.9	350 403	100
NORTHERN TERRITORY										
Darwin	6 506	9.1	49 550	69.6	14 240	20.0	883	1.2	71 179	100
Northern Territory - Bal	3 748	10.9	19 266	56.2	10 908	31.8	339	1.0	34 261	100
Out of State/Unspecified(c)	58	10.1	240	41.7	264	45.8	14	2.4	576	100
Total	10 312	9.7	69 056	65.1	25 412	24.0	1 236	1.2	106 016	100
AUSTRALIAN CAPITAL TERRITORY										
Canberra	26 296	12.6	170 641	81.6	7 693	3.7	4 608	2.2	209 238	100
Australian Capital Territory - Bal	7	13.0	42	77.8	4	7.4	1	1.9	54	100
Out of State/Unspecified(c)	422	6.6	4 741	74.1	1 016	15.9	218	3.4	6 397	100
Total	26 725	12.4	175 424	81.3	8 713	4.0	4 827	2.2	215 689	100
AUSTRALIA										
Total	1 856 490	13.7	10 034 033	74.1	1 315 355	9.7	327 193	2.4	13 533 071	100

(a) Data at the statistical division level was concorded from information based on the postcode of owner. See Statistical Geography section of the Explanatory Notes for information on statistical division and concordances.

(b) The Other component of LPG/Dual fuel/Other is 0.30% for total motor vehicles.

(c) Vehicles with a postcode of owner in a state/territory other than that in which their vehicle was registered are included in the category Out of State/Unspecified. Also included in this category are the postcodes of owners which could not be allocated to a statistical division.

Year of manufacture	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
	no.	no.	no.	no.	no.	no.	no.	no.	no.

PASSENGER VEHICLES

To 1985	320 396	439 602	283 836	170 508	171 481	56 267	7 824	23 588	1 473 502
1986-1990	463 610	478 951	313 844	158 907	181 366	44 963	8 758	27 037	1 677 436
1991-1995	708 986	572 340	426 926	186 425	245 433	52 572	14 298	41 372	2 248 352
1996-2000	1 034 844	804 607	551 349	227 285	321 737	61 541	22 292	55 013	3 078 668
2001-2004(a)	720 045	577 449	408 529	143 791	202 077	40 371	15 744	38 593	2 146 599
Not stated	2 396	402	2 024	15	—	7	—	—	4 844
Total	3 250 277	2 873 351	1 986 508	886 931	1 122 094	255 721	68 916	185 603	10 629 401

CAMPERVANS

To 1985	4 054	5 379	3 619	2 853	4 654	2 081	101	311	23 052
1986-1990	1 207	930	1 082	561	1 015	515	26	65	5 401
1991-1995	970	501	754	313	527	304	13	55	3 437
1996-2000	1 243	676	1 000	279	714	292	14	54	4 272
2001-2004(a)	658	1 207	1 221	300	225	103	8	22	3 744
Not stated	32	8	1	—	—	—	—	—	41
Total	8 164	8 701	7 677	4 306	7 135	3 295	162	507	39 947

LIGHT COMMERCIAL VEHICLES

To 1985	92 010	113 236	97 084	34 640	54 805	20 288	4 368	3 463	419 894
1986-1990	78 429	67 411	63 365	21 574	36 564	12 085	3 463	2 439	285 330
1991-1995	109 240	72 405	93 117	24 166	46 493	12 722	5 366	3 519	367 028
1996-2000	153 689	107 833	117 883	32 035	56 892	14 105	7 348	4 749	494 534
2001-2004(a)	117 342	91 215	92 224	24 833	38 589	9 207	5 789	4 706	383 905
Not stated	1 049	90	646	4	—	6	—	—	1 795
Total	551 759	452 190	464 319	137 252	233 343	68 413	26 334	18 876	1 952 486

LIGHT RIGID TRUCKS

To 1985	5 679	5 237	4 571	1 251	2 274	1 000	43	151	20 206
1986-1990	6 074	2 853	3 208	818	1 568	336	66	95	15 018
1991-1995	5 756	2 100	3 407	582	1 296	249	156	95	13 641
1996-2000	6 665	2 727	3 789	776	1 333	287	176	146	15 899
2001-2004(a)	6 313	4 403	4 564	955	1 503	355	92	142	18 327
Not stated	87	11	23	—	—	—	—	—	121
Total	30 574	17 331	19 562	4 382	7 974	2 227	533	629	83 212

HEAVY RIGID TRUCKS

To 1985	25 824	31 889	21 286	10 578	19 297	3 578	860	388	113 700
1986-1990	14 953	12 507	9 775	4 052	6 522	1 497	635	341	50 282
1991-1995	11 859	8 027	8 122	2 490	4 547	805	481	295	36 626
1996-2000	14 490	9 381	9 134	2 521	4 977	804	594	409	42 310
2001-2004(a)	10 217	7 466	7 008	1 915	2 989	614	304	296	30 809
Not stated	362	40	274	1	—	1	—	—	678
Total	77 705	69 310	55 599	21 557	38 332	7 299	2 874	1 729	274 405

ARTICULATED TRUCKS

To 1985	3 014	5 057	3 353	1 379	2 512	269	195	18	15 797
1986-1990	2 160	2 792	2 057	1 068	1 491	248	125	32	9 973
1991-1995	2 746	3 359	2 192	1 114	1 121	246	107	43	10 928
1996-2000	4 066	4 867	3 451	1 556	1 714	381	138	94	16 267
2001-2004(a)	3 287	4 161	3 065	1 107	1 189	307	124	49	13 289
Not stated	29	5	12	—	—	—	—	—	46
Total	15 302	20 241	14 130	6 224	8 027	1 451	689	236	66 300

— nil or rounded to zero (including null cells)

(a) This category includes motor vehicles manufactured in the calendar years 2001, 2002 and 2003 and in the first three months of 2004.

Year of manufacture	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
	no.	no.	no.	no.	no.	no.	no.	no.	no.

NON-FREIGHT CARRYING TRUCKS

To 1985	1 068	1 867	917	519	1 439	401	78	24	6 313
1986-1990	451	1 213	470	418	492	157	43	13	3 257
1991-1995	517	955	561	277	441	123	42	9	2 925
1996-2000	729	1 135	1 183	366	688	133	75	42	4 351
2001-2004(a)	733	702	690	133	419	108	28	13	2 826
Not stated	13	6	3	2	—	1	—	—	25
Total	3 511	5 878	3 824	1 715	3 479	923	266	101	19 697

BUSES

To 1985	2 612	2 601	2 401	931	1 080	677	211	66	10 579
1986-1990	3 550	2 947	2 444	832	1 883	419	334	291	12 700
1991-1995	5 252	3 378	3 655	828	2 946	449	731	235	17 474
1996-2000	5 853	4 261	4 276	971	2 815	305	1 044	208	19 733
2001-2004(a)	2 706	2 498	2 315	612	1 610	188	693	116	10 738
Not stated	88	—	2	—	—	—	—	—	90
Total	20 061	15 685	15 093	4 174	10 334	2 038	3 013	916	71 314

MOTORCYCLES

To 1985	15 978	17 596	17 263	3 294	12 541	1 919	362	1 140	70 093
1986-1990	9 358	9 905	9 496	1 545	5 599	930	275	632	37 740
1991-1995	16 956	14 806	14 631	4 295	8 009	1 533	538	1 081	61 849
1996-2000	34 820	31 426	25 348	7 736	13 621	2 902	1 157	2 273	119 283
2001-2004(a)	29 087	28 514	22 553	6 726	9 718	1 752	897	1 966	101 213
Not stated	88	216	41	5 786	—	—	—	—	6 131
Total	106 287	102 463	89 332	29 382	49 488	9 036	3 229	7 092	396 309

TOTAL MOTOR VEHICLES

To 1985	470 635	622 464	434 330	225 953	270 083	86 480	14 042	29 149	2 153 136
1986-1990	579 792	579 509	405 741	189 775	236 500	61 150	13 725	30 945	2 097 137
1991-1995	862 282	677 871	553 365	220 490	310 813	69 003	21 732	46 704	2 762 260
1996-2000	1 256 399	966 913	717 413	273 525	404 491	80 750	32 838	62 988	3 795 317
2001-2004(a)	890 388	717 615	542 169	180 372	258 319	53 005	23 679	45 903	2 711 450
Not stated	4 144	778	3 026	5 808	—	15	—	—	13 771
Total	4 063 640	3 565 150	2 656 044	1 095 923	1 480 206	350 403	106 016	215 689	13 533 071

— nil or rounded to zero (including null cells)

(a) This category includes motor vehicles manufactured in the calendar years 2001, 2002 and 2003 and in the first three months of 2004.

EXPLANATORY NOTES

MOTOR VEHICLE CENSUS

1 This publication presents statistics relating to vehicles which were registered with a motor vehicle registration authority at 31 March 2004.

2 Motor Vehicle Censuses (MVC) have been conducted periodically from 1971 on each of the following dates:

2004, 31 March	1993, 30 June
2003, 31 March	1991, 30 September
2002, 31 March	1988, 30 September
2001, 31 March	1985, 30 September
1999, 31 October	1982, 30 September
1998, 31 October	1979, 30 September
1997, 31 October	1976, 30 September
1996, 31 October	1971, 30 September
1995, 31 May	

SCOPE

3 Vehicles on register are defined as those vehicles registered at the date of the census, or had registration expire less than one month before that date.

4 Motor vehicle registration statistics are derived from data made available by various state and territory motor vehicle registration authorities and reflect the information as recorded in registration documents.

5 Considerable effort has been made in recent years, both by motor vehicle registration authorities and the Australian Bureau of Statistics (ABS), to improve data quality. This has been done through the introduction of improved processing and classification systems and the incorporation of additional internal checking based on make and model. While these have improved data accuracy, there remains some variation in the reporting from different state and territory registries and hence care should still be taken when comparing data across jurisdictions.

6 For vehicles manufactured during or after 1990, the statistics in this publication are based on procedures using the Vehicle Identification Number (VIN), adopted by state and territory motor vehicle registration authorities. The VIN system allows accurate identification of the make and model of a vehicle, which can then be used to better identify the vehicle type. Vehicles manufactured earlier than 1990 generally do not have a VIN.

7 The estimated proportion of motor vehicles, excluding motorcycles, taken off the register since the previous MVC is referred to as the attrition rate. The attrition rates in the following table have been calculated using new motor vehicle sales data.

ESTIMATED ATTRITION (a), State/territory—Census years

	1999		2003		2004	
	no.	%	no.	%	no.	%
NSW	282 221	7.3	191 566	4.7	190 371	4.5
Vic.	122 121	3.7	143 986	4.1	176 347	4.7
Qld	58 933	2.6	57 080	2.3	82 470	3.0
SA	44 848	4.3	40 480	3.7	43 885	3.9
WA	55 228	4.1	42 040	2.9	43 908	2.9
Tas.	7 566	2.3	11 306	3.3	6 214	1.7
NT	7 077	6.6	6 927	6.4	6 335	5.6
ACT	11 410	5.6	9 057	4.2	12 771	5.6
Aust.	589 404	4.7	502 442	3.8	562 401	4.0

(a) For more details on calculation of attrition rate refer to Glossary.

EXPLANATORY NOTES *continued*

SCOPE *continued*

8 The Motor Vehicle Census includes all vehicles registered with a state, territory or other government motor vehicle registry for unrestricted use on public roads with the following exceptions:

- recreational vehicles such as trail bikes and sand dune buggies intended for off-road use in most states and territories (in Victoria and Queensland these vehicles must be registered and are thus included in the statistics);
- consular vehicles; and
- vehicles registered by the defence forces.

STATISTICAL GEOGRAPHY

9 The ABS uses geographic concordances to enable the conversion of data from one type of geographic region to another. These geographic concordances are generally used to convert data for 'non-standard areas' to data for standard areas used by the ABS.

10 The only geographic data available from the MVC are postcode of owner and state of registration. Consequently, conversion factors have been used to concord postcode estimates to estimates for statistical local areas (SLA). SLA estimates are then aggregated to form statistical divisions (SD). The concordances were calculated according to the SLA boundaries as at 1 July 2003 as explained in the Detailed Main Structure of the *Australian Standard Geographical Classification (ASGC), 2003*, (cat. no. 1216.0).

11 The geographic concordances used for this MVC were based on the distribution of the estimated resident population (ERP) across Australia. For the purposes of this publication, it is assumed that motor vehicles are distributed between SLAs in the same manner as the ERP.

12 When analysing the data the following limitations of the concordance methodology need to be taken into account:

- in applying the concordances it is assumed that the particular characteristics of any data item are uniformly distributed across a postcode. Therefore concorded data may not truly reflect the distribution of the characteristics of the population.
- there were some instances where the postcode of the vehicle's owner was in a different state to that in which the vehicle was registered. For example, the postcode of the owner of the vehicle was in Sydney (a postcode of 2000), yet the vehicle was registered in Qld (a postcode of 4000). Data for these postcodes have been included in an 'out of state/unspecified' category for each state.
- some official postcodes (P.O. boxes, competition postcodes) do not correspond to residential areas but still have been reported under the postcode of owner field. Data for these and other 'invalid' postcodes have been included in an 'out of state/unspecified' category for each state and territory.

13 While care was taken in producing concordances, the ABS does not guarantee the accuracy of concorded data.

RELATED PUBLICATIONS

14 Users may also wish to refer to the following publications and products which contain information relating to motor vehicles in Australia:

- *Directory of Transport Statistics, 2000* cat. no. 1132.0 (irregular)
- *Sales of New Motor Vehicles, Australia, (Electronic Publication)* cat. no. 9314.0 or 9314.0.55.001 (issued monthly)
- *Survey of Motor Vehicle use, Australia* cat. no. 9208.0 (issued annually since 1998)
- *Freight Movements, Australia* cat. no. 9220.0 (irregular)

ABS DATA AVAILABLE ON REQUEST

15 As well as the statistics included in this publication, the ABS has other relevant data available on request. Inquiries should be made to the National Information and Referral Service on 1300 135 070.

GLOSSARY

- Articulated trucks** Motor vehicles constructed primarily for load carrying, consisting of a prime mover having no significant load carrying area, but with a turntable device which can be linked to one or more trailers.
- Attrition rate** The estimated proportion of motor vehicles taken off the register since the previous MVC. The attrition rate is also referred to as the motor vehicle retirement or scrappage rate. The number of registration lapses is calculated by adding the total registrations at the earlier MVC to the number of new motor vehicle sales between the MVCs, and subtracting the total registrations at the later MVC. The attrition rate measures the number of registration lapses as a percentage of the total potential vehicle fleet, where the potential vehicle fleet is the number of registrations at the first MVC date plus the number of new motor vehicle sales between the two MVCs. To calculate the annualised attrition rate as a percentage apply the following formula:
- $$\left[1 - \left\{T2/(T1 + N1)\right\}^{12/M}\right] \times 100$$
- where T1 is the number of registrations at the first time point, N1 is the number of new sales between the first and second time points, T2 is the number of registrations at the second time point and M is the number of months between the two time points.
- Average age of vehicle** The estimated average age of registered motor vehicles in Australia. The age of a vehicle is defined as the number of years since it was first manufactured. The formula allows for the census being conducted on different months of the year.
- For vehicles manufactured in the current year:
- $$\text{Vehicle age} = \text{Reference month}/24$$
- For vehicles manufactured in previous years:
- $$\text{Vehicle age} = \text{Current year} - \text{Year of manufacture} + (\text{Reference month} - 6)/12$$
- The average age is then calculated as the sum of all vehicle ages divided by the total number of vehicles.
- Balance of state** Rest of state not including Capital city statistical division.
- Buses** Motor vehicles constructed for the carriage of passengers. Included are all motor vehicles with 10 or more seats, including the driver's seat.
- Campervans** Self-propelled motor vehicles containing an area primarily used for accommodation. Included are motor homes and powered caravans.
- Capital city** These areas are based on capital city Statistical Divisions as defined in the *Australian Standard Geographical Classification (ASGC), 2003* (cat. no. 1216.0).
- Sydney – this includes the area bounded by Gosford and Wyong; Hawkesbury and Blue Mountains; Campbelltown, Wollondilly and the Sutherland Local Government Areas.
- Melbourne – this includes the area bounded by Werribee, Melton, Sunbury, Craigieburn, Whittlesea, Healesville, Warburton, Berwick, Pakenham and the whole of Mornington Peninsula.
- Brisbane – this includes the area bounded by Caboolture, the eastern part of the Pine Rivers Shire, Redcliffe City, Redland Shire, Beenleigh, Logan City and the City of Ipswich.
- Adelaide – this includes the area bounded by the Gulf of St. Vincent, the Gawler River and the Mount Lofty Ranges from Gawler to Bridgewater through Kangarilla and Willunga to Sellicks Beach.
- Perth – this includes the area bounded by Yanchep and Bullsbrook; Warnbro, Keysbrook and Wooroloo.
- Hobart – this includes the area bounded by New Norfolk; Sorell and Carlton Creek; Brighton and Snug.

GLOSSARY *continued*

Capital city <i>continued</i>	Darwin – this includes Darwin and suburbs, Palmerston and other areas north of the Howard Springs turn-off. Canberra – this includes all of the Australian Capital Territory.
Estimated Resident Population (ERP)	The official ABS estimate of the Australian population. Based on results from the Census of Population and Housing, it is updated annually between censuses using demographic statistics. To obtain ERP figures, the census count is adjusted for under enumeration and for Australian residents temporarily overseas on census night.
Gross Combination Mass (GCM)	Tare weight (i.e. unladen weight) of the motor vehicle and attached trailers, plus its maximum carrying and towing capacity. GCM is the weight measurement used for trailer towing vehicles such as articulated trucks.
Gross Vehicle Mass (GVM)	Tare weight (i.e. unladen weight) of the motor vehicle, plus its maximum carrying capacity excluding trailers.
Heavy rigid trucks	Rigid trucks of GVM greater than 4.5 tonnes.
Light commercial vehicles	Vehicles primarily constructed for the carriage of goods, and which are less than or equal to 3.5 tonnes GVM. Included are utilities, panel vans, cab-chassis and forward-control load carrying vehicles (whether four-wheel drive or not).
Light rigid trucks	Rigid trucks of GVM greater than 3.5 tonnes and less than or equal to 4.5 tonnes.
Make	The manufacturer of the motor vehicle (e.g. Ford, Holden, Mitsubishi, Toyota).
Motorcycles	Two and three wheeled motor vehicles constructed primarily for the carriage of one or two persons. Included are two and three wheeled mopeds, scooters, motor tricycles and motorcycles with sidecars.
Non-freight carrying trucks	Specialist motor vehicles or motor vehicles fitted with special purpose equipment, and having little or no goods carrying capacity (e.g. ambulances, cherry pickers, fire trucks and tow trucks).
Passenger vehicles	Motor vehicles constructed primarily for the carriage of persons and containing up to nine seats (including the driver's seat). Included are cars, station wagons, four-wheel drive passenger vehicles and forward-control passenger vehicles. Excluded are campervans.
Rigid trucks	Motor vehicles of GVM greater than 3.5 tonnes, constructed with a load carrying area. Included are normal rigid trucks with a tow bar, draw bar or other non-articulated coupling on the rear of the vehicle. Rigid trucks are divided into two categories: <ul style="list-style-type: none">■ Light rigid trucks of GVM greater than 3.5 tonnes and less than or equal to 4.5 tonnes■ Heavy rigid trucks of GVM greater than 4.5 tonnes
State/territory	The state or territory motor registry at which a vehicle is registered.
Statistical division (SD)	The SD is a general purpose spatial unit and is the largest and most stable spatial unit within each state/territory. In aggregate they cover Australia without gaps or overlaps. SDs aggregate to form state/territories. For more information refer to <i>Australian Standard Geographical Classification (ASGC), 2003</i> (cat. no. 1216.0).

FOR MORE INFORMATION . . .

- INTERNET* **www.abs.gov.au** the ABS web site is the best place to start for access to summary data from our latest publications, information about the ABS, advice about upcoming releases, our catalogue, and Australia Now—a statistical profile.
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- DIAL-A-STATISTIC* For the latest figures for National Accounts, Balance of Payments, Labour Force, Average Weekly Earnings, Estimated Resident Population and the Consumer Price Index call 1900 986 400 (call cost 77c per minute).

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ISSN 0728 2923

RRP \$21.00